

Pressure Washer Parts & Accessories

Quality, performance and reliability. All original.





The original in quality, operation and safety.

All around the world, Kärcher stands for power, quality and innovation, and for cleaning expertise that sets standards. As the international market leader in cleaning solutions, Kärcher is known for the especially high performance, reliability and quality of its machines. Their effectiveness, reliability and usability are ensured by systematic care and service over the entire life cycle and by always using original Kärcher spare parts. The uncompromising quality, perfect fit, long life and ready availability of Kärcher original spare parts pay off in trouble-free operation, optimal protection of health and the environment, and maximum lifetime and efficiency.

Heating coils: wrapped in quality.

The heating coil is virtually the key element of a hot water high-pressure cleaner. It must be able to withstand high pressure, corrosion, and extreme temperature variations over many years, and often under severe operating conditions. Kärcher heating coils are made from special steel alloys and manufactured to very tight tolerances. Turn for turn, they are outstanding examples of effectiveness, reliability and long life.



Quality. Fully tested.

Suitable materials and high technological standards for processing steel tubing are decisive factors for the quality of heating coils. Both the fabrication of the steel tubing and further processing, in particular welding, are subject to the requirements of the EU Pressure Equipment Directive (97/23/EC). All Kärcher classic heating coils are fully pressure tested and documented according to regulations.

Safety. Uncompromising.

Kärcher's certified quality management system monitors all aspects of development, design, production and quality assurance. Recurrent audits by the TÜV confirm compliance with the Pressure Equipment Directive (97/23/EC). This is what makes it possible for every Kärcher heating coil to bear the CE mark for tested safety.



Perfect fit. Guaranteed.

For trouble-free, fast heating coil replacement, compliance with original dimensions in the connection area, as well as the frame and winding spacing, are decisive factors. Automated and continuously monitored production processes ensure this perfect fit.

Efficiency. Effective.

Precise winding with constant spacing between the inner and outer coils is a prerequisite for high efficiency, low fuel consumption, low exhaust heat dissipation and compliance with applicable exhaust emission guidelines (such as the German Federal Immission Protection Ordinance).

Steel or stainless steel? It depends on the application.

For certain operating conditions, stainless steel heating coils are necessary or the use of equivalent stainless steel heating coils is recommended.

This recommendation applies in particular:

- In case of frequent heating and cooling or frequent changes between cold-water and hot-water operation.
- In case of condensation or corrosion. Soft water (water with low calcium content) is highly corrosive. Stainless steel heating coils are the right choice when the water hardness is less than 0.28 ppm (5° dH).
- In case of pitting. Corrosion damage occurring or recurring during the warranty period.
- In case of "black water", rust film or other signs of corrosion. Stainless steel heating coils are the durable solution in these situations.

Fuel pumps: Power on tap.

Fuel pumps play a key role in the combustion and heating processes of hot water high-pressure cleaners. They supply exactly the right amount of fuel needed to ensure efficient and environmentally friendly operation.



Fuel pumping with precise metering.

Original Kärcher fuel pumps are perfectly matched to the associated components for the combustion and heating processes.

- The working pressure and fuel flow rate can be precisely adjusted and optimised.
- Integrated fuel filters ensure clean fuel with no suspended matter or air bubbles.
- The surfaces of the drive shaft and pump casing are thermo-chemically treated (gas nitrocarbonised) for reliable operation and long life.
- Spare parts, such as filter inserts, solenoid valves, membranes and seals, are available individually. Save even more by refurbishing instead of replacing.

High-pressure hoses: Reliable connections.

The Kärcher coupling system allows the hose to be connected to or disconnected from the high-pressure cleaner quickly and safely. Original Kärcher high-pressure hoses are ideally matched to the various applications and devices and fulfil the most stringent requirements for strength, handling and service life. The Kärcher product line includes HP hoses with various lengths and specifications to suit virtually all applications.



Kärcher high-pressure hoses: unbeatable versatility.

- HP hose with threaded fittings on both ends.
- HP hose with patented AVS couplings.
- HP hose with AVS coupling and nipple coupling.
- HP hoses with application-specific standard or special lengths and pressure ratings.
- HP hoses for various applications and use areas.
- Connection hoses between the hose drum and the device.

Continual quality inspection

Kärcher HP hoses are continually tested against strict standards to ensure that they always fulfil high quality requirements.

- Static and dynamic tests.
- Specific criteria for different hose types.
- Swaging of hoses and fittings.

Stringent quality requirements

Kärcher high-pressure hoses fulfil stringent quality requirements and standards, in each case matched to the device type and potential applications.

Different types of HP hoses equipped with:

- Single steel braiding: DN 6, 8, 10, 12.
- Double steel braiding: DN 6, 8, 10.

Specific HP hose material:

- Inner layer resistant to cleaning agents (pH 1 to 14) and temperatures from -14°F to +311°F (-10 °C to +155 °C).
- Outer layer made from smooth material (ozone and UV resistance compliant with EN 27326; resistant to vegetable and animal fats if appropriate), wear resistant (EN ISO 6945), oil resistant (ISO 1817) and weather resistant.

Stringent hydrostatic requirements:

- Operating pressure and burst pressure.
- On/off operation (dynamic load).
- Water medium (with/without cleaning agent; cold water or hot water up to 311°F (155 °C)).
- HP hose continuously marked with technical specification.

Along with standard hose lengths, Kärcher can supply special lengths from stock.



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NOTE: There are many parts and accessories we sell which are not included in the catalog. Should you need an item or part not included in the catalog, call your customer service representative and chances are we will have it in stock or can get it for you. We are a full service supplier for the vendors represented in this catalog.

iSolar - Solar Panel Cleaner



The iSolar 400 and iSolar 800 offer superior and safe cleaning, thanks to brushes powered by a pressure washer's water jet. The mechanical action of the bristles, made of nylon for scratch-free surface cleaning, operate at low pressure, eliminating any danger of the panels being damaged. The rotating brushes are also fitted with robust ball bearings to guarantee exceptionally long service life.

iSolar 400

- Water-powered disc brushes with ball bearing
- Compact entry-level model for smaller areas
- Connection M 18 x 1.5; compatible with standard HD/HDS devices

iSolar 800

- Counter-rotating disc brushes with ball bearings
- Robust brass articulated joint for flexible working angle
- F Connection M 18 x 1.5; compatible with standard HD/HDS devices



Part No.	Description	GPM
6.368-457.0	iSolar 400 Disc Brushes - Smaller Areas	4.85 - 5.72
6.368-455.0	iSolar 800 Disc Brush - Larger Areas	> 4.84

iSolar Safety Kit



A required accessory for iSolar, the iSolar accessory system is the a fall arrestor, a guided piece of equipment on a kernmantle rope (used by climbers and high-altitude rescuers) that locks immediately in the event of a potential fall, for operator safety. An integrated shock absorber effectively cushions the fall.

- Certified, standard-compliant safety system
- Guided fall arrestor with shock absorber
- Rugged metal box for storage and transport



Part No.	Description
6.988-152.0	Safety Kit - Guided Fall Arrestor with Shock Absorber Required for iSolar 400 and 800

iSolar Lances



Large solar and photovoltaic systems require cleaning solutions with a large range. Kärcher's iSolar telescopic lances, with an extension length up to 45 feet make cleaning solar panels easy to use from a roof or a cherry picker. The use of high-quality materials makes this system lightweight and stable.



TL 7 H

- Glass/carbon fibre composite for high rigidity and strength with low weight
- Ergonomic handle with ball tap for operating comfort
- Easy deployment thanks to quick-release fasteners and internal high-pressure hose

TL 14 C

- Full carbon material for maximum rigidity, high strength and extensive working range
- Ergonomic handle with ball tap for operating comfort
- Easy deployment thanks to quick-release fasteners and internal high-pressure hose

TL 10 C

- High-quality telescopic lance in hybrid or full carbon version
- Ergonomic handle with ball tap for operating comfort
- Easy deployment thanks to quick-release fasteners and internal high-pressure hose



Part No.	Description	Length
4.107-054.0	TL 7 H, Hybrid Composite Required internal HP Hose for TL 7 H 6.392-978.0	5'-23'
4.107-055.0	TL 10 C, Carbon Material Required internal HP Hose for TL 10 C 6.392-977.0	7'-33'
4.107-052.0	TL 14 C, Carbon Material Required internal HP Hose for TL 14 C 6.392-976.0	7'-45'

iSolar Internal HP Hose



Internal hose for use with Kärcher's iSolar telescopic lances. The pressure hose inside feeds automatically when lance is retracted or deployed. Lengths vary from 5 ft to 45 ft. A required accessory for iSolar.



Part No.	Description
6.392-978.0	Internal HP Hose Required for iSolar TL 7 H 4.107-054.0
6.392-977.0	Internal HP Hose Required for iSolar TL 10 C 4.107-055.0
6.392-976.0	Internal HP Hose Required for iSolar TL 14 C 4.107-052.0

RM 99 Solar Cleaner



Hard water can lead to lime residue, resulting in a significant reduction in the solar and photovoltaic system's performance. The RM 99 Solar Cleaner offers reliable protection against lime stains. When water alone is not enough (e.g., when tackling heavy or greasy dirt), the RM 99 Solar Cleaner removes the dirt and binds the dissolved limescale so no lime stains are left behind.

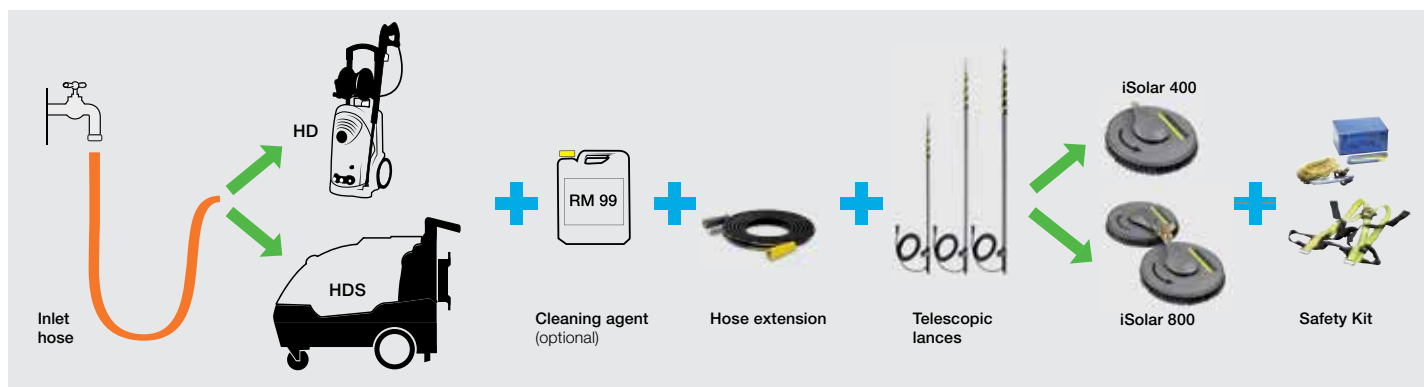


- Removes even the most stubborn dirt gently and effectively
- Prevents limescale at all water hardness levels
- Biodegradable



Part No.	Description	Max PSI
8.698-094.0	5 gallon/18.9 L	-

iSolar System - Comprehensive, modular and compatible



iSolar is a modular accessories system that enables safe and efficient cleaning of solar and photovoltaic systems of any size. This system includes: rotating brushes that attach to telescopic lances of various lengths and are supplied with water from a pressure washer. The brushes operate at low pressure – eliminating the risk of damage to the

panels. The iSolar's accessory system also offers full protection for on the roof, and RM 99 Solar Cleaner, designed specifically for cleaning solar and photovoltaic systems. As the first system for cleaning solar and photovoltaic units, Kärcher iSolar has been thoroughly tested by the DLG (German Agricultural Society) and excelled in their focus test.

KÄRCHER ACCESSORIES

FR 30 Me Hard Surface Cleaner



The FR 30 Me hard surface cleaner is an indispensable accessory for efficient and economical professional cleaning – both indoor and outdoor. Rotating Power Nozzles, protected by a stainless steel housing, boost your cleaning coverage area by a factor of 10!

With the FR 30 Me, you save time and achieve perfectly uniform results without splashing or getting wet. Equipped with an integrated vacuum connection, the FR 30 Me is ideal for cleaning indoor areas that would be impractical with other surface cleaners. Wall cleaning is just as convenient thanks to ergonomic handles and direct connection to a trigger gun. Use with both cold and hot water pressure washers.

The versatility of the FR 30 Me is appreciated in workshops and industrial kitchens, as well as by contract cleaners and municipalities. Comes standard with adapter to fit non-Kärcher wands.



- Maximum Pressure: 3625 PSI
- Maximum Flow Rate: 4.8 GPM
- Maximum Temperature: 175°F
- Stainless steel housing
- Rotating with ceramic bearings
- Flexible joint ensures access to tight spaces
- Ergonomic handles for wall cleaning
- Non-marking castor wheels
- Vacuum connection to clear out excess water
- Connects to standard 18mm Kärcher wands
- Adapter available to fit non-Kärcher wands
- Weight: 11.5 lbs



Part No.	Description	GPM
2.640-355.0	FR 30 Me 12" Surface Cleaner (no nozzles)*	
2.640-447.0	FR 30 Me with Power Nozzles	2.2 – 2.9
2.640-448.0	FR 30 Me with Power Nozzles	2.9 – 4.0
2.640-449.0	FR 30 Me with Power Nozzles	4.0 – 4.9
2.640-482.0	Power Nozzle Kit	1.9 – 2.1
2.640-401.0	Power Nozzle Kit	2.2 – 2.9
2.639-187.0	Power Nozzle Kit	2.9 – 4.0
2.640-442.0	Power Nozzle Kit	4.0 – 4.9
9.369-012.0	18mm x 1/4" Adaptor for non-Kärcher wands	
4.402-022.0	18mm x 22mm Adaptor to connect gun directly to FR30	

*Gun sold separately

FR 50 Hard Surface Cleaner



With a 20" cleaning area, the FR 50 provides a greatly increased coverage area to make quick work of bigger cleaning jobs. The rotating nozzle beam has a swivel joint with ceramic bearings, and is built with a durable rust-free stainless steel housing that connects directly to standard Kärcher trigger guns. The unit's handle design and three non-marking castors ensure easy operation. Detergents can be added through a low pressure valve. Use with Kärcher Power Nozzles (sold separately) for the most thorough and uniform cleaning possible.

- Maximum Pressure: 3625 PSI
- Maximum Flow Rate: 9.7 GPM
- Maximum Temperature: 175°F
- Stainless steel housing
- Rotating arm with ceramic bearings
- Flexible joint handle ensures access to tight spaces
- Non-marking castor wheels
- Weight: 18 lbs



Part No.	Description	GPM
2.640-679.0	FR 50 20" Surface Cleaner (no nozzles)*	
2.639-187.0	Power Nozzle Kit	2.9-4.0
2.640-442.0	Power Nozzle Kit	4.0-4.8
2.639-188.0	Power Nozzle Kit	4.8-5.7
2.640-781.0	Power Nozzle Kit	5.7-7.9
2.640-282.0	Power Nozzle Kit	8.0-9.7

*Gun sold separately

FRV 30 Hard Surface Cleaner



FRV 30 with integrated, automatic dirty water pickup makes cleaning even more efficient – suitable for indoor and outdoor use. Rinsing after cleaning is unnecessary as the dirty water can be conveniently removed with the supplied 5 m suction hose. Non-marking swivel castors and double ceramic bearings are further quality features. Order unit-specific nozzle kit separately.

Part No.	Description
2.642-999.0	FRV 30 Hard surface cleaner
2.642-430.0	Power Nozzle Kit - 035
2.642-431.0	Power Nozzle Kit - 040
2.642-432.0	Power Nozzle Kit - 045
2.642-433.0	Power Nozzle Kit - 050
4.440-939.0	5m extension hose, includes adapter
4.402-022.0	18mm x 22mm Adaptor to connect gun directly to FR30
2.642-532.0	Dirt Trap
2.642-528.0	Suction cup kit for extension hose

Wash Brushes



High-pressure cleaning without getting wet — that's what the new wash brush and rotary washing brush promises. The brushes are light and easy to handle as well as convenient to attach with its plug-in coupling.



Push-On Wash Brush – General-purpose cleaning on all surfaces



Part No.	Description
4.762-016.0	For use with hot or cold water Classic machines. Clamps directly onto 18mm spray lance.
4.762-444.0	For use with cold water Classic machines. Mounts onto double or triple nozzles.

Rotating Washing Brush – Driven by water jet, gently removes fine dust and traffic film from all surfaces.



Part No.	Description	GPM
4.762-283.0	Nylon Bristles	4 GPM and up
4.762-284.0	Nylon Bristles	Up to 4 GPM
4.762-287.0	Natural Bristles	4 GPM and up
4.762-288.0	Natural Bristles	Up to 4 GPM

Pipe Cleaning Hose



Very flexible high-pressure hose for pipe cleaning.



- 1/8" connect
- up to 2900 PSI
- 140°

Part No.	Description	Max PSI
6.390-028.0	20m / 66 ft	1740
6.390-029.0	30m / 100 ft	1740
6.390-030.0	20m / 66 ft	2900

*see page XX for more pipe cleaning accessories

Pipe Cleaning Nozzle



With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes, nozzle orifices point backwards so that nozzle pulls itself and the hose into the pipe.



16mm



30mm



4 Rotating Jets



Brass Nozzle

Part No.	Description	Nozzle Size
16mm		
5.763-015.0	3 x 30° Backwards - 16mm	055
5.763-019.0	3 x 30° Backwards - 16mm	065
5.763-016.0	1 x forward, 3 x 30° Back - 16mm	060
5.763-020.0	1 x forward, 3 x 30° Back - 16mm	065
30mm		
5.763-017.0	3 x 30° Backwards, 30mm	050
5.763-021.0	3 x 30° Backwards, 30mm	070
Rotating Jets		
6.415-428.0	4 Rotating Jets	050
6.415-440.0	4 Rotating Jets	065
Brass Nozzles - direct connections to 22mm high pressure hose		
5.763-011.0	830 PSI / 3.5 GPM	
5.763-013.0	800 PSI / 5.3 GPM	

Wet Blasting Attachment



- without Nozzle



Adds abrasive high-pressure jet for removing rust, paint, and scale; mounts to spray lance in place of high-pressure nozzle.

Part No.	Description
4.762-010.0	Wet Blasting Attachment w/ abrasive flow control - 7m / 23 ft
4.762-022.0	Wet Blasting Attachment w/o abrasive flow control - 7m / 23 ft
2.638-526.0*	Nozzle Pack - 035
2.637-900.0*	Nozzle Pack - 040
2.637-901.0*	Nozzle Pack - 045
2.637-902.0*	Nozzle Pack - 050
2.637-903.0*	Nozzle Pack - 055
2.637-904.0*	Nozzle Pack - 060
2.637-905.0*	Nozzle Pack - 065
5.769-011.0	Sand Nozzle only

* Consisting of wet-blasting nozzle and nozzle insert.

Boron Carbide Nozzle



An extremely wear resistant nozzle for continuous duty operations.

Part No.	Description
6.415-084.0	Boron Carbide Nozzle - 6.0mm
6.415-083.0	Boron Carbide Nozzle - 8.0mm

Pipe Cleaning Stop Valve



Mounts to machine's high-pressure outlet, simplifies handling of pipe cleaning hose because on-off functions can be easily controlled on the machine.



- Direct connection to 22mm high pressure hose

Part No.	Description
4.580-160.0	Stop Valve

Mounting Kit



- Second Chemical Tank



Add a second chemical tank to HDS 801 B

Part No.	Description	Gal
2.637-803.0	Chemical Tank Mounting Kit - HDS 801 B	2.6

Inno Combination Foam & High Pressure Wand



Kärcher's complete, ready-to-use high pressure foaming system is a twin spray lance and precision chemical injection system. The patent-pending dual spray wand provides a multitude of functions for many washing applications.

Apply a thick layer of foam using the Inno foam nozzle, then switch easily to high pressure for clear rinsing. The dual wand can be equipped with your choice of high pressure nozzles.

The chemical injection system provides precise detergent metering (0-5% concentration), providing faster and more consistent results using the optimum amount of detergent.



- Wand Length: 25.6"
- Maximum Pressure: 3700 PSI
- Maximum Flow Rate: 5.8 GPM
- Maximum Temperature: 176°F

Part No.	Description
2.640-151.0	Inno Foam System, for models that dispense detergent at low pressure (purchase nozzle insert separately)
2.640-692.0	Inno Foam System, for models that dispense detergent at high pressure (purchase nozzle insert separately)

Easy Foam System



Kärcher's Easy Foam System delivers the same foaming and chemical metering capabilities as the Inno System, but comes without the dual wand for situations where high-pressure rinsing is not a necessity.



- Maximum Pressure: 3700 PSI
- Maximum Flow Rate: 5.8 GPM
- Maximum Temperature: 176°F

Part No.	Description
2.640-691.0	Easy Foam System, for models that dispense detergent at low pressure (purchase nozzle insert separately)
2.640-693.0	Easy Foam System, for models that dispense detergent at high pressure (purchase nozzle insert separately)

Foam Nozzle Inserts for Inno / Easy Sets



Ideally match performance to different machine outputs for economic operation.



Part No.	Description
2.640-870.0	2.2–2.6 GPM
2.640-687.0	2.7–3.0 GPM
2.640-688.0	3.1–4.4 GPM
2.640-689.0	4.5–5.8 GPM

Foam Nozzle Mounting Kit



For applying foam detergent in metered quantities in sanitary and food areas, or where long reaction time is needed. Fits all units and mounts to spray lance in place of HP nozzle.



- Fits all units

Part No.	Description
2.637-926.0	Foaming nozzle kit with adjustable chemical flow

High-Pressure Detergent Injector



Adds up to 5% detergent in high-pressure mode.



Detergent HP Injector



Nozzle Kit for Detergent HP Injector

Part No.	Description	GPM
3.637-170.0	High-Pressure Detergent Injector	
4.769-045.0	Nozzle Kit - HD units	2.2 - 3.0
4.769-046.0	Nozzle Kit - HDS units	2.2 - 3.0
4.769-047.0	Nozzle Kit - HD and HDS units	3.3 - 4.4
4.769-048.0	Nozzle Kit - HD and HDS units	4.4 - 5.3

Downstream Chemical Injector



Adds chemical in high or low pressure modes with dosage up to 15%.



Nozzle Insert

Part No.	Description
3.637-001.0	Downstream Chemical Injector without Nozzle
High-Pressure Nozzle Insert	
4.769-003.0	Nozzle Insert - For high-pressure application up to 4.9 GPM
4.769-002.0	Nozzle Insert - For high-pressure application 4.9+ GPM
Low-Pressure Nozzle Insert	
4.769-001.0	Nozzle Insert - For low-pressure application up to 4.9 GPM
4.769-006.0	Nozzle Insert - For low-pressure application 4.9+ GPM

Kärcher Trigger Guns



Put your hands on a Kärcher gun and you'll see and feel the quality immediately. They're comfortable and ergonomically shaped, and thanks to a shock-absorbing soft-grip handle insert, you'll feel no "buzzing" or "water-hammering" in your hands. "One-finger" operation means no fatigued fingers, hands or wrists when washing for prolonged periods of time—the result of exceptional engineering which balances comfort with performance.

Kärcher-designed trigger guns attach to a hose in one of two ways, through an integral swivel connection or a 22 MM hose connection. Our patented AVS anti-kink system allows the integral hose to rotate inside the gun under full pressure, preventing annoying hose twisting and allowing for easier winds and unwinds. Non-AVS guns attach to hoses with 22 MM screw-type connectors which can be easily hand tightened.

Easy Press Trigger Guns with Servopress Controllers



Kärcher's Easy Press trigger guns are the newest and most advanced high pressure guns available. The Easy Press was designed with the serious user in mind, with close attention paid to user comforts. Also unique to Kärcher, a "Servopress" attachment can be added to allow the operator to control cleaning pressure and volume right at the gun. Operators are no longer required to return to the pressure washer to manually adjust output settings.



New Easy Press Gun with integrated hose connector

- PSI: 4350
- Temperature: 335°F



22 MM screw-type connection



Part No.	Description
4.775-466.0	Easy Press Trigger Gun, ID 8, 22MM screw-type connection
4.775-463.0	Easy Press Trigger Gun, ID 8, Integrated AVS Connection
4.775-526.0	Servopress Controller, Less than 3.3 GPM
4.775-805.0	Servopress Controller, Stainless Steel 3.3 to 4.9 GPM
4.775-471.0	Servopress Controller, Greater than 4.9 GPM
4.775-470.0	Servopress Controller, 3.3 to 4.9 GPM

Forward Connection Gun



Connects using a 22 MM screw-type connection on the front of the gun.



Part No.	Description
4.775-539.0	Trigger Gun, ID 8, 22 mm connection

Extended Trigger Gun



Part No.	Description
4.775-298.0	Extended Trigger Gun, ID 6, Integrated AVS hose connection, without pressure gauge
4.775-529.0	Extended Softgrip Trigger Gun, ID 6, Integrated AVS hose connection
4.775-080.0	Softgrip Trigger Gun Replacement, ID 6, Integral AVS hose connection

Extended Trigger Gun



Extended trigger guns used on HD gas units.

Part No.	Description
9.112-009.0*	22mm Male / Male Connectors
9.112-017.0	22mm Female Wand / Male hose connectors

* Used on new Classic cold-water direct drive units

Trigger Guns Repair Kits



Part No.	Trigger Gun
2.880-173.0	4.775-012.0; 4.775-010.0 / -015.0 / -017.0 / -020.0
2.880-369.0	4.775-041.0
2.880-463.0	4.775-056.0
2.883-191.0	4.775-079.0
2.883-192.0	4.775-080.0
2.883-175.0	4.775-134.0
2.883-299.0	4.775-194.0
2.883-888.0	4.775-254.0

Non-Pivoting Spray Wand



Stainless steel, non-pivoting spray wand with hand screw connector for use in conjunction with extended trigger gun.



- PSI: 4000
- GPM: 10.5
- Temperature: 300°F
- 250mm / 10" or 550mm / 21"

Part No.	Description
4.760-667.0	Non-Pivoting Spray Wand - 250mm/10"
4.760-665.0	Non-Pivoting Spray Wand - 550mm/21"

Non-pivoting spray wand with hand screw connector for use in conjunction with extended trigger guns.



- PSI: 4000
- GPM: 10.5
- Temperature: 300°F
- 550mm / 21"

Part No.	Description
9.112-508.0	Spray Wand - 550mm / 21" w/ Quick Connect Female Threads
9.802-220.0	Spray Wand - 550mm / 21" w/ Quick Connect Male Threads

Pivoting Spray Wand



Stainless steel, pivoting spray wand with hand screw connector, ergonomically shaped handle molding for optimum control and insulation, can be turned 360° under pressure.



Part No.	Description
4.760-664.0	600mm / 24" Pivoting Spray Wand
4.760-663.0	850mm / 33.5" Pivoting Spray Wand
4.760-584.0	1050mm / 41" New for Easy Press Gun
4.760-661.0	1550mm / 61" Pivoting Spray Wand
4.760-662.0	2050mm / 81" Pivoting Spray Wand

K/Part Wands

K/PARTS

Stainless steel, with live swivel and nozzle connector.



Part No.	Description
4.760-691.0	600mm / 24" Pivoting Spray Wand
4.760-584.0	1050mm / 41" Pivoting Spray Wand
4.760-609.0	2050mm / 81" Pivoting Spray Wand

Variable Pressure Spray Wand



With integral pressure gauge for infinitely variable pressure control on wand, nozzle connection 24mm x 1.5, chemical feed in low-pressure mode.



- PSI: 4000
- Temperature: 300°F

Part No.	Description
4.760-362.0	670 mm / 26"
4.760-230.0	1040 mm / 41"
4.762-075.0	Adapter for mounting accessories to variable wand

Specialty Wands



Stainless steel. For effective and convenient cleaning of underbodies, wheel arches, and washrooms.



- PSI: 4000
- Temperature: 300°F

Part No.	Description
4.760-073.0	700mm / 27" - Washroom Wand w/ hp nozzle
4.760.245.0	700mm / 27" - Underbody Wand w/o nozzle
2.642-305.0	Gutter Cleaning Wand

Kärcher High-Pressure Hose

Kärcher's original equipment hoses are the preferred choice of experienced pressure washer operators. Constructed of the highest-quality materials available, our anti-kink hoses deliver outstanding durability and improved operator comfort and are easier to wind than competitors' hoses and are more convenient to use thanks to easy-grip hose-ends which can be tightened without tools.

- Exclusive Kärcher design
- Preferred by experienced operators
- Highest quality materials
- Flexible & easier to wind
- Easy-grip ends



Premium Longlife 400 Hose



Kärcher's premium Longlife 400 hoses, identified with a yellow stripe, are the best of the best and are available to fit AVS or 22mm twist-type connections.



- PSI: 5800
- Temperature: 311°F/155°C
- ID 8

Integral AVS Connection

This hose has an integral pivot end to fit AVS trigger guns and a 22mm female threaded end with anti-kink protection.

22mm Twist-Type Connection

The Longlife twist-type hose has two 22mm female anti-kink threaded ends for non-AVS trigger guns. The yellow end indicates full 360° swivel capability at that point—even under full pressure.



Part No.	Description
Integral AVS Connection	
6.391-351.0	10m / 33 ft
6.390-208.0	20m / 66 ft
With 22mm female connectors at both ends with anti-kink protection	
6.388-083.0	10m / 33 ft
6.390-010.0	15m / 50 ft
6.390-027.0	20m / 66 ft
6.390-294.0	30m / 100 ft

Non-Marking Food Service Hose



Kärcher's non-marking gray food service hose won't discolor interior floors. Available in both AVS and twist-type connections.



- PSI: up to 3625
- Temperature: up to 311°F/155°C
- ID 6 or 8

Part No.	Description
Integral AVS Connection - Passive Swivel	
6.391-654-0	ID 6 / 15m / 50 ft
Integral AVS Connection	
6.390-445.0	ID 6 / 15m / 50 ft
6.390-704.0	ID 8 / 10m / 33 ft
6.390-705.0	ID 8 / 20m / 66 ft
22mm Female Twist-Type Connections	
6.389-479.0	ID 8 / 10m / 33 ft
6.389-581.0	ID 8 / 20m / 66 ft

High-Pressure Hose



Available in AVS or twist-type connections.

- PSI: up to 4565
- Temperature: up to 311°F/155°C
- ID 6, 8 or 10

Integral AVS Connection - Passive Swivel

6.391-238.0	ID 6 / 10m / 33 ft	311°F / 155°C	3625
6.390-025.0	ID 8 / 10m / 33 ft	311°F / 155°C	4565

Integral AVS Connection

6.389-853.0	ID 6 / 10m / 33 ft	311°F / 155°C	3625
6.390-174.0	ID 6 / 15m / 50 ft	311°F / 155°C	3625
6.390-025.0	ID 8 / 10m / 33 ft	311°F / 155°C	4565
6.390-171.0	ID 8 / 20m / 66 ft	311°F / 155°C	4565
6.390-185.0	ID 8 / 15m / 50 ft	311°F / 155°C	4565

22mm Female Twist-Type Connections

6.391-342.0	ID 8 / 10m / 33 ft	311°F / 155°C	4565
6.390-027.0	ID 8 / 15m / 50 ft	311°F / 155°C	4565
6.390-293.0	ID 8 / 30m / 100 ft	311°F / 155°C	4565
6.390-023.0	ID 10 / 15m / 50 ft	311°F / 155°C	3190

Extension Hose 2 X 22mm (no swivels)

9.162-323.0*	ID 8 / 15m / 50 ft	185°F / 85°C	4000
9.162-305.0*	ID 8 / 30m / 100 ft	185°F / 85°C	3600

*requires 4.403-002.0 brass extension coupling to connect to other hose

3/8" High-Pressure Hose with 22mm Coupling with Swivel End



Popular North American style high-pressure hose with 22mm twist-type couplers added for your convenience.

- PSI: 3000 - 6000
- Preassembled with 22mm couplers
- Single swivel

Part No.	Description	Temperature	PSI
8.915-158.0	50' X 3/8" ID	275° F / 135° C	3000
8.915-155.0	100' x 3/8" ID	275° F / 135° C	3000
8.915-156.0	50' X 3/8" ID	275° F / 135° C	4000
8.915-160.0	100' X 3/8" ID	275° F / 135° C	4000
8.915-157.0	50' X 3/8" ID	275° F / 135° C	5000
8.915-161.0	100' X 3/8" ID	275° F / 135° C	5000
8.915-162.0	50' x 3/8" ID	275° F / 135° C	6000
8.915-159.0	100' x 3/8" ID	275° F / 135° C	6000

Water Supply Hose



For connecting pressure washer to water outlet.



- 7.5m / 25 ft

Part No.	Description
4.440-038.0	Red - ID13 R1" / R3/4", up to 86°F / 30°C
4.440-207.0	Clear - ID19 R1" / R3/4", up to 86°F / 30°C

Self-Winding Hose Reel



For wall mounting of high-pressure hose.



- **PSI: 5800**
- **Temperature:** up to 311°F
- Connects to standard 22mm high-pressure hose

Hose is not included.
Hose reel shown with swivel bracket sold separately.

Part No.	Description
2.639-919.0*	20m / 66 ft Hose Reel
2.639-931.0	Swivel Wall Mount Bracket

*comes without high-pressure hose

HD Classic Hose Reel



Hose is not included

- **PSI: 4000**
- **Temperature:** 225°F
- Connects to standard 22mm high-pressure hose

Part No.	Description
9.801-253.0*	Hose Reel, Non-Pivoting, with Mounting Kit for HD Gas Series
9.162-154.0	Jumper Hose

*comes without high-pressure hose

HDS Full Size Hose Reel Bracket



- Mounts 100' non-pivot hose reels to HDS Full Size units
- Includes jumper hose

Part No.	Description
9.801-418.0*	Mounting Kit for HDS Full Size Units

*comes without high-pressure hose

See Page 35 for additional Hose Reels and Mounting Brackets

Couplers, Fittings & Filters

Rotary Coupling



Swivel adapter; prevents hose kinking.

Part No.	Description
4.401-091.0	Rotating Coupler
4.401-076.0	22mm Rotary Hose Connector
9.802-175.0	22mm x 3/8 FPT

Hose Coupling



For connecting and extending 2 high-pressure hoses.

- Brass with rubber protector

Part No.	Description
4.403-002.0	Combines two 22mm HP Hoses
6.362-124.0	Large Washer
5.364-129.0	Small Washer

Nozzle Adapter



For connecting Kärcher nozzles to non-Kärcher wands.

Part No.	Description
9.315-002.0	18mm x 1/4" Female

Quick Connect Nozzle for Kärcher Wands



6.401-458.0



6.401.459.0

Part No.	Description
9.154-045.0	22mm x 1/4" Quick Coupler
9.841-659.0	18mm x 1/4" Quick Coupler
6.401-458.0	Quick Disconnect
6.401.459.0	Hardened Stainless Steel Nipple for Coupler

Fine Mesh Water Filter



Protects pressure washer against impurities.

Part No.	Description
2.637-691.0	Mounted to Inlet, 100 µm, 3/4", 5.3 GPM
2.638-255.0	Mounts to Machine, 10cv0 µm, 1" suitable for suction mode
4.730-102.0	Mounted to Inlet, 125 µm, 3/4" + 1", 5.3 GPM
2.638-270.0	Mounted to Inlet, 100 µm, 1"

Suction Filter



Allows siphoning from open water source.



Part No.	Description
4.730-012.0	w/ Non-Return Valve
4.730-019.0	w/o Non-Return Valve
4.401-073.0	HDS GHF x mm Screw Union
4.401-059.0	HD GHF x mm Screw Union (plastic)
4.402-022.0	18mm (F) x 22mm (M) Adapter
9.804-066.0	18mm x 3/8 QC
9.154-045.0	22mm x 3/8 QC

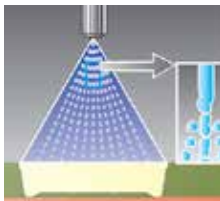
Kärcher Power Nozzles



The Power Nozzle, developed and patented by Kärcher, offers a performance that is distinctly better than that of conventional nozzles:

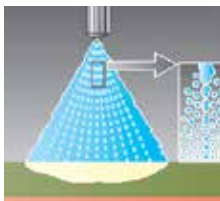
- The concentrated spray jet of large coherent droplets is sharp-contoured and increases impact pressure by up to 40%. This produces a considerable improvement in cleaning efficiency.
- Assuming the same degree of soiling, the Power Nozzle cleans at a much faster rate and, an environmentally friendly benefit, uses less water and cleaning agent.
- The Power Nozzle's spray jet cleans with the same high-impact pressure over its whole working width. This provides substantially more cleaning power for a given amount of energy.

0° - Pencil jet - for cutting through thick encrustations
15° - High performance - for more dirt cutting power
25° - High performance - for normal washing applications
40° - Wider spray pattern - for washing sensitive surfaces



Kärcher Power Nozzle

Water droplet size is controlled across the entire face of the spray pattern. This means cleaning on the outside edge of the spray is just as efficient as the middle resulting in a 40% performance advantage. A Kärcher 2,000 PSI pressure washer will outperform a competitor's 2500 PSI machine and will require less water and energy to do so. In addition, higher quality and more durable alloys provide 3 to 10 times longer life than lower quality conventional nozzles.



Conventional Nozzles

Water droplets start breaking up into an unorganized pattern, with little or no cleaning ability anywhere near the outside edge. In order to accomplish cleaning efficiency, the wand must be held closer to the work surface resulting in increased time, water and power consumption.

Nozzle Size	0°	15°	25°	40°
034	-	-	2.883-803.0	-
036	-	-	2.883-821.0	-
038	-	-	2.883-805.0	-
040	2.884-533.0	2.883-388.0	2.883-397.0	2.884-522.0
042	-	-	-	2.885-013.0
043	-	-	2.883-829.0	-
045	2.884-534.0	2.883-389.0	2.883-398.0	2.884-523.0
050	2.884-535.0	-	2.883-399.0	2.884-524.0
052	-	-	2.883-400.0	-
055	2.884-536.0	2.883-390.0	-	2.884-525.0
060	2.884-537.0	2.883-391.0	-	-
065	-	-	2.883-403.0	-
068	-	-	2.885-133.0	-
070	-	2.883-392.0	2.883-404.0	-
072	-	-	2.883-926.0	-
075	2.884-540.0	2.883-393.0	-	2.884-526.0
080	2.884-541.0	2.883-394.0	-	2.884-527.0
090	-	-	-	-
100	-	2.883-396.0	-	-
110	2.884-544.0	-	2.883-785.0	-
125	-	-	-	-
150	-	-	-	-
155	-	-	2.885-157.0	-

Nozzle Retainer



- For mounting power nozzle to 18mm wand tip

Part No.	Description
5.401-210.0	Nozzle Connector - 18mm Connection

Gun Adapter



- 18mm direct-to-gun adapter

Part No.	Description
4.402-022.0	18mm x 22mm gun adapter

Dual Nozzle Holder



Mount two nozzles and change from solid pencil jet to fan jet with flick of the wrist. Changeover to chemical intake in low-pressure mode without nozzle insert. (order Power Nozzle separately).



- Changes with flick of wrist
- Brass

Part No.	Description
4.764-012.0	Dual Nozzle Holder

Spacer



Ensures safe clearance from sensitive surfaces. Mounts directly to wand.



- Includes nozzle connector

Part No.	Description
5.394-294.0	Spacer w/ Nozzle Connector - Fits 18mm Wand Connections

Dirt Blaster Rotary Nozzles



Kärcher rotating Dirt Blaster combines the high power of a solid 0° pencil jet with the large coverage area of a fan jet. By rotating at approximately 4,000 RPM, the Dirt Blaster can deliver 10 times the impact pressure of conventional fan jet nozzles for even and effective cleaning. Made with a ceramic nozzle and bearing ring and very few moving parts, Kärcher's Dirt Blaster is the industry hallmark. Comes in compact size, full size, or with instant changeover to chemical or high pressure fan.



Compact Size



without changeover
PSI: 2600
max temp 140°F/60°C
(screw-connect 18mm)

Part No.	Size
4.767-041.0	030
4.767-022.0	035
4.767-023.0	040
4.767-100.0	045
4.767-024.0	050

Full Size



without changeover
PSI: 4350
max temp 185°F/85°C
(screw-connect 18mm)

Part No.	Size
9.302-447.0	035
9.302-443.0	040
9.302-448.0	045
9.302-444.0	050
9.302-442.0	055/060
9.302-449.0	065
9.302-445.0	070/080
9.302-446.0	100

Changeover Series

- High Pressure



changeover to high-pressure fan jet
PSI: 4300
max temp 185°F/85°C
(screw-connect 18mm)

Part No.	Size
4.763-956.0	040
4.763-957.0	050
4.763-955.0	055/060
4.763-958.0	070/080

- Chemical Nozzle



changeover to low-pressure chemical nozzle
PSI: 4300
max temp 185°F/85°C
(screw-connect 18mm)

Part No.	Size
4.763-950.0	040
4.763-951.0	050
4.763-949.0	055/060
4.763-952.0	070/080

Quick Connect



convert from screw-connect to Quick Connect 18mm
PSI: 2600
(requires O-ring 9.177-003.0)

Part No.
9.154-023.0

Dirt Blaster Filter



Part No.	Description
4.730-032.0	Dirt Blaster Filter



Dirt Blaster Nozzle Repair Kits



Part No.	Description	Orifice Size	Part No.	Description	Orifice Size	Part No.	Description	Orifice Size
2.883-473.0		055/060	2.884-114.0		065	2.883-811.0	4.763-950/-956	
2.883-471.0		040	2.884-051.0		100	2.883-812.0	4.763-951/-957	
2.883-472.0		050	2.884-051.0		120	2.883-813.0	4.763-952/-958	
2.883-474.0		070/080	2.884-052.0		035	2.884-113.0	4.763-988.0	
9.302-231.0		045	2.883-810.0	4.763-949/-955		2.884-114.0	4.763-989.0	

Triple Nozzle - Touchless Changeover



Fast and convenient jet changeover by flicking the nozzle; choose between high-pressure pencil jet, high-pressure fan jet and low-pressure fan jet. On machines with an injector, the low-pressure fan jet is used for picking up and applying detergent.



- 4350 psi max pressure
- 185°F max temperature
- Connects to 18mm wands
- Greater impact pressure and optimized jet geometry

Part No.	Size
4.767-001.0	034
4.767-016.0	037
4.767-065.0	050

Part No.	Size
4.767-066.0	055
4.767-067.0	060

Part No.	Size
4.767-068.0	080
4.767-069.0	120

Triple Nozzle



Manually selectable triple nozzle with stainless steel nozzle. Robust, durable and non-clogging. Convenient selection of high pressure pencil jet (0°), high-pressure fan jet with power nozzle contour (25°) and low-pressure fan jet (40°). For high-pressure cleaners with detergent injectors the low-pressure fan jet can be used for detergent application.



- 4350 psi max pressure
- Connects to 18mm wands

Part No.	Size
4.767-144.0	028
4.767-190.0	030
4.767-145.0	031
4.767-195.0	032
4.767-146.0	033
4.767-147.0	034

Part No.	Size
4.767-148.0	036
4.767-149.0	038
4.767-150.0	040
4.767-151.0	042
4.767-152.0	043

Part No.	Size
4.767-153.0	045
4.767-154.0	050
4.767-155.0	053
4.767-156.0	055
4.767-157.0	060

Changeover Nozzles



Double Changeover Nozzles (0° and 25°)

Part No.	Size
4.764-177.0	031, 0° and 25°
4.763-091.0	050, 0° and 25°
4.763-151.0	040, 0° and 25°

Triple Changeover Nozzles (0°, 25° & 40°)

Part No.	Size
4.767-196.0	031
4.767-197.0	034
4.767-198.0	040

Part No.	Size
4.767-199.0	045
4.767-200.0	050
4.767-201.0	055

Vario Nozzle 0°- 90°



High-pressure jet infinitely variable between 0° and 90° so it can be exactly matched to all types of soiling and surfaces.



- 4350 psi max pressure
- Connects to 18mm wands

Part No.	Size
4.763-039.0	050

Part No.	Size
4.763-058.0	055

Part No.	Size
4.763-036.0	080

Steam Nozzles



4.766-023.0
4.766-024.0



2.885-039.0
2.885-041.0

Part No.	Description
4.766-023.0	Flat Steam Nozzle, 1.5mm
4.766-024.0	Flat Steam Nozzle, 2.0mm
Rubber Nozzle Protector (Protect surfaces from damage)	
5.394-059.0	For Steam Nozzles above
Nozzle	
2.885-039.0	050 orifice size
2.885-119.0	055 orifice size
2.885-049.0	065 orifice size
2.885-041.0	070 orifice size
2.885-147.0	090 orifice size

O-ring Kits



For use on Kärcher guns, wands, nozzles and more.



Part No.	Description
2.880-154.0	O-rings package of 3
2.880-296.0	O-rings package of 5
2.880-208.0	O-rings package of 20
2.880-168.0	O-rings package of 100
2.880-292.0	O-rings for Swivel Connections (5-pack: 2 swivel, 3 std)

Kärcher Axial Pumps



Kärcher Axial Pump/Motor Unit



Kärcher Axial Pump Repair Kits — Kärcher's commercial-duty 3-piston axial pumps are simple, efficient, and very reliable and have fewer moving parts compared to crank-case and piston type pumps.

These proprietary pumps are engineered for long life with features like brass cylinder heads, ceramic pistons, and stainless steel valves. Kärcher's combined pump/motor units run cooler due to their unique water cooled design. And they use less power thanks to a unique drive center and wobble plate design.

Kärcher's newest pumps feature a soft-dampening system to reduce pulsations in the high pressure system, increasing the service life of high pressure components.

Pump Kits



Model	Model Part No.	Pump Kit
HD Electric Models		
HD 1.8/13 C Ed	1.514-111.0	2.883-997.0
HD 2.3/15 C Ed	1.150-611.0	2.883-997.0
HD 3.0/20 C Ea	1.150-610.0	2.883-997.0
HD 3.0/20-4M Ea	1.524-110.0	2.884-882.0
HD 3.5/30-4S Ea	1.286-110.0	2.883-902.0
HD 3.7/22-4S Eg	1.286-115.0	2.883-902.0
HD 4.5/32-4S Eb	1.286-112.0	2.883-902.0
HD 4.5/32-4S Ec	1.286-113.0	2.883-902.0
HD 5/12 C	1.514-106.0	2.883-997.0
HD 525 S	1.118-700.0	2.883-827.0
HD 651	1.150-110.0	2.883-869.0
HD 650	1.150-106.0	2.883-869.0
HD 655 S	1.902-405.0	2.883-286.0
HD 655 H	1.902-411.0	2.883-286.0
HD 655 H	1.902-412.0	2.883-286.0
HD 750	1.625-917.0	2.880-469.0
HD 760 WS	1.797-701.0	2.880-469.0
HD 850 S	1.877-681.0	2.880-469.0
HD 850 WS	1.754-701.0	2.880-469.0
HD 855 S	1.087-701.0	2.883-817.0
HD 1090	1.951-681.0	2.883-447.0
HD 10/25 S	1.286-105.0	2.883-902.0
HD Gas Models		
HD 2.5/24 P (vers 1)	1.575-105.0	2.884-214.0
HD 2.6/26 P (vers 1)	1.575-106.0	2.884-214.0
HD 4.0/36 P (vers 1)	1.575-108.0	2.884-217.0
HD 2500 G	1.194-112.0	2.884-215.0
HD 2500 MTD	1.194-114.0	2.884-215.0
HD 2600 DK	1.194-122.0	2.884-215.0
HD 2700 DB	1.194-116.0	2.884-215.0
HD 2700 DH	1.194-117.0	2.884-215.0
HD 2700 DH	1.194-123.0	2.884-215.0
HD 2700 DH Q/C	1.194-118.0	2.884-215.0
HD 2701 DR	1.194-200.0	2.884-215.0
HD 3000 DH	1.187-116.0	2.884-216.0
HD 3101 DR	1.187-117.0	2.884-216.0

Model	Model Part No.	Pump Kit
HD Gas Models (cont)		
HD 3500 DB	1.810-998.0	2.884-217.0
HD 3500 DH	1.810-997.0	2.884-217.0
HD 3500 DH-Q/C	1.810-996.0	2.884-217.0
HD 3501	1.810-999.0	2.884-217.0
HD 3600 DH	1.180-934.0	2.884-217.0
HD 800 B	1.851-812.0	2.883-201.0
HD 830 B	1.187-103.0	2.884-214.0
HD 830 B	1.187-108.0	2.884-214.0
HD 1020 B	1.810-910.0	2.884-016.0
HD 1020 B	1.810-920.0	2.884-016.0
HD 1040 B	1.810-986.0	2.884-084.0
HDS Electric Models		
HDS 2.3/12 C Ed	1.170-606.0	2.883-891.0
HDS 2.3/13 C Ed	1.170-605.0	2.883-891.0
HDS 3.0/20 C Ea	1.170-612.0	2.883-891.0
HDS 4.0/20-4M Ea	1.071-408.0	2.885-034.0
HDS 4.5/22-4M Ea	1.071-409.0	2.885-034.0
HDS 3.5/30-4M Ea	1.071-412.0	2.885-034.0
HDS 3.5/23-4M Eg	1.071-407.0	2.885-034.0
HDS 5.0/30-4S Eb	1.071-608.0	2.885-033.0
HDS 5.0/30-4S Ec	1.071-609.0	2.885-033.0
HDS 801 E (460V)	1.030-681.0	2.883-446.0
HDS 801 E (575V)	1.030-701.0	2.883-446.0
HDS 4.0/20-4M Ea	1.027-352.0	2.883-913.0
HDS 4.5/22-4M Ea	1.027-354.0	2.883-913.0
HDS 4.5/19-4M Ea	1.027-357.0	2.883-913.0
HDS 3.5/30-4M Ea	1.027-350.0	2.883-913.0
HDS 3.5/23-4M Eg	1.027-356.0	2.883-913.0
HDS 5.0/30-4S Eb	1.028-341.0	2.883-914.0
HDS 5.0/30-4S Ec	1.028-343.0	2.883-914.0
HDS NG/LP 4.5/22 Ea ST (vers 1)	1.575-715/716.0	2.883-322.0
HDS NG/LP 4.5/22 Ea ST (vers 2)	1.575-715/716.0	2.883-913.0
HDS NG/LP 3.5/30 Ea ST (vers 1)	1.575-719/720.0	2.883-322.0
HDS NG/LP 3.5/30 Ea ST (vers 2)	1.575-719/720.0	2.883-913.0

Model	Model Part No.	Pump Kit
HDS Electric Models		
HDS NG/LP 4.5/22 Ea ST (vers 1)	1.575-715/716.0	2.883-322.0
HDS NG/LP 4.5/22 Ea ST (vers 2)	1.575-715/716.0	2.883-913.0
HDS NG/LP 3.5/30 Ea ST (vers 1)	1.575-719/720.0	2.883-322.0
HDS NG/LP 3.5/30 Ea ST (vers 2)	1.575-719/720.0	2.883-913.0
HDS NG/LP 5.0/30 Eb ST (vers 1)	1.575-717/718.0	2.883-302.0
HDS NG/LP 5.0/30 Eb ST (vers 2)	1.575-717/718.0	2.883-914.0
HDS NG/LP 5.0/30 Ec ST (vers 1)	1.575-721/722.0	2.883-302.0
HDS NG/LP 5.0/30 Ec ST (vers 2)	1.575-721/722.0	2.883-914.0
HDS 500 Ci	1.890-406.0	2.883-459.0
HDS 501 C (vers 1)	1.272-105.0	2.883-883.0
HDS 501 C (vers 2)	1.272-105.1	2.883-827.0
HDS 551 C	1.169-105.0	2.883-890.0
HDS 558 C	1.170-105.0	2.883-891.0
HDS 600 Ci	1.852-407/408.0	2.883-922.0
HDS 900 Ci	1.873-408/409.0	2.883-855.0
HDS 745	1.026-911.0	2.883-322.0
HDS 745	1.026-344.0	2.883-913.0
HDS 895 M Eco	1.027-515.0	2.883-913.0
HDS 895 S VEX	1.027-304.0	2.883-913.0
HDS 945	1.027-335/336.0	2.883-913.0
HDS 945	1.027-871.0	2.883-322.0
HDS 945	1.027-881.0	2.883-322.0
HDS 1000	1.027-337.0	2.883-913.0
HDS 1000	1.027-851.0	2.883-322.0
HDS 1000 A	1.718-931.0	2.880-283.0
HDS 1055	1.027-338.0/339.0	2.883-913.0
HDS 1055	1.027-681.0/691.0	2.883-322.0
HDS 1195	1.028-332.0	2.883-914.0
HDS 1195	1.028-681.0	2.883-302.0
HDS 2245 NG/LP	1.027-883/884.0	2.883-322.0
HDS 3005 NG/LP	1.028-883/884.0	2.883-302.0

Flue Gas Adapter



For flue vent connection.

Part No.	Description
4.656-149.0	5.9" (150mm) Outlet, HDS 1.7/12 U Ed; HDS Compact; HDS 1000 BE/DE; HDS Mid-Class (2005-2011)
4.656-079.0	7.9" (200mm) Outlet, HDS Full Size Units (2012-Forward)
4.656-080.0	5.9" (150mm) Outlet, HDS 1.7/12 U Ed; HDS Compact; HDS 1000 BE/DE; HDS Mid-Class (2005-2011)

Reed Switch



Used for burner safety systems.

Part No.	Description
2.883-477.0	Reed Switch - HDS Compact Range; HDS 1.7/12 U Ed; HDS 500 Ci; HDS 600 Ci; HDS 900 Ci
2.880-000.0	Reed Switch - HDS Classic Full Size (2005-2011)
2.880-194.0	HDS Classic Skids; HDS 1000 BE/DE; HDS 801 B; HDS 745; HDS 895; HDS 945; HDS 1000; HDS 1055; HDS 1195
2.885-240.0	Reed Switch - HDS Classic Full Size (2012 Forward)

HDS Coils



Kärcher's proprietary heating coil is unequalled in the industry for its high heating performance, compact design, and super-efficiency. Double-wall construction—with air passing between the two walls—provides insulation as well as oxygen for the combustion process.

The combustion chamber and heating coil provide even heat distribution with very little condensation or corrosion and 92%+ fuel efficiency to conform to the strictest air quality standards.

Combined with other Kärcher advances, our heating coil helps make Kärcher the responsible choice with the lowest cost of operation in the industry.

- Lowest cost of operation in the industry
- Upright, double wall construction
- Cool exhaust temperatures and low emissions
- Top-fired downward flame
- Excellent heating performance in a compact design
- Extruded coil with no seams

Part No.	Description
4.680-080.0	HDS 1000 BE/DE
4.680-081.0	HDS 4.0/30 Pe Cage; HDS 5.0/32 Pe Cage; HDS 5.5/35 Pe Cage
4.680-129.0	Stainless Steel - HDS 500 Ci
4.680-122.0	HDS 500 Ci
4.680-123.0	HDS 3.5/30-4M Ea; HDS 3.5/23-4M Eg; HDS 4.0/20-4M Ea; HDS 1055
4.680-124.0	HDS 5.0/30-4S Eb/c; HDS 4.5/22-4M Ea; HDS 4.5/19-4M Eg; HDS 1195
4.680-126.0	HDS 3.0/20 C Ea; HDS 501 C; HDS 551 C; HDS 558 C;
4.680-126.0	HDS 2.3/12 C Ed
4.680-127.0	Coil - HDS 801 B; HDS 600 Ci; HDS 900 Ci
4.680-135.0	Coil - HDS 895 S (Tall)
4.680-140.0	Coil - HDS 2.3/13 C Ed; HDS 745; HDS 895 S (short); HDS 945
4.680-144.0	Coil - HDS Middle & Super Class (2012 Forward)
4.680-147.0	Coil - HDS 1000
4.680-154.0	Coil - HDS 1.7/12 U Ed
9.803-135.0	Coil - HDS NG/LPG Units
9.152-371.0	Coil - HDS HDS 2245/3005

Part No.	Description
Stainless Steel Coils	
4.680-113.0	Coil, Stainless Steel - HDS 5.0/30-4S Eb/c; HDS 4.5/22-4M Ea; HDS 4.5/19-4M Eg; HDS 1195
4.680-114.0	Coil, Stainless Steel - HDS 2.3/13 C Ed; HDS 745; HDS 895 S (short); HDS 945
4.680-118.0	Coil, Stainless Steel - HDS 500 Ci
4.680-129.0	Coil, Stainless Steel - HDS 801 B; HDS 600 Ci; HDS 900 Ci
4.680-130.0	Coil, Stainless Steel - HDS 3.0/20 C Ea; HDS 501 C; HDS 551 C; HDS 558 C
4.680-137.0	Coil, Stainless Steel - HDS 3.5/30-4M Ea; HDS 3.5/23-4M Eg; HDS 4.0/20-4M Ea; HDS 1055
4.680-149.0	Coil, Stainless Steel - HDS Middle & Super Class (2012 Forward)
Liberty Series Coils	
8.717-928.0	Coil - HDS Heater 5.0/30 Ed
8.919-133.0	Coil - HDS Gas Engine Roll Cage (Subaru); HDS Electric Roll Cage; HDS Electric Hand Truck (small)
9.802-995.0	Coil - HDS Electric Hand Truck (Large)
8.919-136.0	Coil - HDS Gas Engine Roll Cage (Honda); HDS Electric Hand Truck (Medium)
9.803-014.0	Coil - HDS Liberty Series Skids
9.803-135.0	Coil - HDS NG/LPG Units

Safety System Pistons



Used for low-water protection.

Part No.	Description
4.553-022.0	Magnetic Pistons (HDS units to 2005)
4.553-213.0	Brass Pistons (HDS 1000 BE/DE)

Valve Seat Installation Tool



To press in valve seat (5.581-143) on HDS 745, 945, 1000, 1055, 1195.

Part No.	Description
5.901-126.0	Valve Seat Installation Tool - HDS Classic Full Size - prior 2005
5.901-162.0	Valve Seat Installation Tool - HDS Classic Full Size - 2005+vv

Pump Installation Tools



Part No.	Description
2.901-036.0	12mm
2.901-031.0	16mm
2.901-033.0	18mm
2.901-037.0	20mm
2.901-015.0	20mm - HDS 801E, 945, 1000, 1055, 1090
2.901-018.0	22mm - HDS 1195

Valve Seat Removal Tool



For expelling valve seat

Part No.	Description
5.901-125.0	Valve Seat Removal Tool - HDS Classic Full Size
5.901-161.0	Valve Seat Removal Tool - HDS Classic - 2012

KÄRCHER ACCESSORIES

Valve Seat Wrench



Tool for releasing / tightening valve seat. Used on HDS 600 Ci and 900 Ci models.



Part No.	Description
5.901-116.0	Valve Seat Wrench

Valve Pliers



For pulling check valves on all classic HD and HDS machines.

Part No.	Description
4.901-062.0	General Purpose Valve Pliers
6.815-029.0	Valve Seat Pullers - For use on deep valves

O-ring Installation Tool



HDS classic full size.

Part No.	Description
5.901-090.0	O-ring installation Tool for Classic, HD, HDS compact
5.901-127.0	O-ring Installation Tool

Fan Installation Tool



For fan installation and removal.

Part No.	Description
6.815-019.0	Fan Puller
5.901-138.0	Fan Installation Tool
6.816-069.0	Fan Puller - HDS Full-size and upright (2012)

Kärcher Pump Oil



Synthetic formulation specific for Kärcher high pressure pumps.

Part No.	Description
6.288-050.0	Single Phase - HD / HDS Classic 15W40
6.288-016.0	Three Phase - HD / HDS Classic 90wt

Assembly Grease



6.288-072.0



6.288-088.0

Part No.	Description
6.288-088.0	Silicone Grease - 5 grams
6.288-079.0	Silicone Grease - 100 grams
6.288-072.0	for Spare Parts / Pumping Kits - 5 grams
6.288-044.0	for Spare Parts / Pumping Kits - 100 grams
6.869-015.0	Copper Grease - 40 grams

Swash Plate Tools



For removing swash plates.

Part No.	Description
4.901-038.0	Swash Plate Removal Tool

Splash Diffuser



For eliminating wand splashback while testing machines. Fits standard 18mm Kärcher wand tip.



Part No.	Description
4.901-077.0	Splash Diffuser

Heating Coil Milling Tool



For use all HD and HDS machines.

Part No.	Description
4.901-066.0	Heating Coil Milling Tool

Crane Lifting Kit



Effortless handling by crane.

Part No.	Description
2.639-563.0	Crane Lifting Kit - HDS Compact Models
2.640-438.0	Crane Lifting Kit - HDS Full-size to 2012

Test Gauges



For use all HD and HDS machines.



Part No.	Description
4.901-060.0	Fuel Pressure Gauge
3.900-003.0	Water Temperature Gauge
4.742-025.0	Water Pressure Test Gauge
2.901-030.0	Water Temperature and Volume Gauge
4.580-034.0	Pressure Shut-off Valve

Hour Meter



Meters hours of operation.

Part No.	Description
6.681-035.0	Hour Meter - 24V / 50mm
6.681-012.0	Hour Meter - 24V / 22mm

Legacy Best Trigger Guns

The most comfortable and longest lasting gun on the market!!!



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz
- Ideal for commercial cleaning & long work time applications.

Quantity price breaks at 10 and 25 guns

Part No.	Original No.	Description
8.751-213.0	N/A	Legacy Best Trigger Gun
8.701-673.0	N/A	Unitized Valve Kit

Legacy Industrial Trigger Guns

The gun built for most heavy duty cleaning applications!!!



- **PSI: 5000**
- GPM: 10.4
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 19.84 oz
- Ideal for various industrial cleaning applications.

Quantity price breaks at 10 and 25 guns

Part No.	Original No.	Description
8.751-214.0	N/A	Legacy Industrial Trigger Gun
8.751-119.0	N/A	Valve Kit

Extra value!



- **PSI: 4000**
- GPM: 8
- Temperature: 320°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 13.4 oz

Part No.	Original No.	Description
8.710-417.0	353030	MV2005

M407 Trigger Gun



- **PSI: 4000**
- GPM: 7
- Temperature: 250°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 13.4 oz

Part No.	Description
8.750-247.0	M407 Trigger Gun
8.750-456.0	M407 Gun Repair Kit

Linear Trigger Guns

Superior quality inline gun, especially well suited for high reach applications.



- **PSI: 5000**
- GPM: 10.5
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20.8 oz

Linear

Part No.	Original No.	Description
8.752-080.0		Linear 3 Gun
9.801-398.0		Repair Kit-Linear 3 Gun
8.704-141.0	109797	Repair Kit-Linear 2 Gun

Giant Trigger Guns

The Original "Heavy weight".



- **PSI: 5000**
- GPM: 10
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 29.28 oz

21290C

Part No.	Original No.	Description
8.710-394.0	352290	21290C - Brass Outlet
8.710-392.0	352250	21250B - SS Outlet
8.722-172.0	G021227	Repair Kit

PA Trigger Guns



- **PSI: 3200**
- GPM: 8
- Temperature: 320°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 10 oz

RL20

Part No.	Original No.	Description
8.710-440.0	353207	RL20
8.704-180.0	109993	Repair Kit

Suttner Trigger Guns

High pressure and fatigue free "relax action" design.



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2605

Part No.	Original No.	Description
8.710-376.0	352219	ST-2605
8.701-673.0	089850	Unitized Valve

Extreme durability with easy pull trigger.



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2305

Part No.	Original No.	Description
8.710-386.0	352238	ST-2305
8.701-673.0	089850	Unitized Valve
8.701-674.0	089851	Unitized Weep Valve

15° offset angle thru gun for easier overhead use.

The handle style for "Big Hands".



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 26 oz

ST-2000

Part No.	Original No.	Description
8.710-388.0	352240	ST-2000
8.701-663.0	089614	Unitized Valve
8.701-665.0	089631	Unitized Weep Valve

The perennial favorite for general pressure washer applications.



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20.5 oz

ST-1500

Part No.	Original No.	Description
8.710-384.0	352235	ST-1500
8.710-385.0	352236	ST-1500 w/ Weep
8.701-663.0	089614	Unitized Valve - 4000 PSI
8.701-665.0	089631	Unitized Weep Valve
8.701-665.0		Unitized Weep Valve - 5000 PSI

Suttner Trigger Guns (continued)

15° offset angle thru gun for easier overhead use.



- **PSI: 4000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 23 oz

ST-601

Part No.	Original No.	Description
8.710-370.0	352201	ST-601
8.701-663.0	089614	Unitized Valve

Relax action design, **STAINLESS STEEL** gun.



- **PSI: 5000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2700

Part No.	Original No.	Description
8.710-389.0	352243	ST-2700
8.701-658.0	089070	Unitized Valve

Relax action design



- **PSI: 1800**
- GPM: 21
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 1.30 lb

ST-2620

Part No.	Original No.	Description
8.723-666.0	87236660	ST-2620
8.723-667.0	87236670	ST-2720 Stainless Steel

Excellent for truck and fleet washing applications



- **PSI: 2000**
- GPM: 8
- Temperature: 320°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: .82 lb

ST-810 POM

Part No.	Original No.	Description
8.710-372.0	352210P	ST-810 Gun

Ceramic Unitized Ball Valve



- Ceramic ball
- Highly resistant against nearly all soaps and acids
- Will fit in ST-2300, 2305, 2605, 2700 spray guns as a repair kit

Part No.	Description
8.749-907.0	Ceramic Unitized Ball Valve

PA Trigger Guns



- PSI: 5000
- GPM: 10.5
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 26 oz

RL30 – YG5000

Part No.	Original No.	Description
8.710-377.0	352221	RL30–YG5000
8.704-616.0	111976	Repair Kit



- PSI: 5000
- GPM: 10.5
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 27.5 oz

Vega 5000

Part No.	Original No.	Description
8.710-378.0	352222-5	Vega 5000
8.704-232.0	110550	Valve Kit Vega
8.704-615.0	111950	Repair Kit

Easy pull and easy to hold with matching blue lance.



- PSI: 5650
- GPM: 8
- Temperature: 320°F
- 3/8" FPT inlet x 1/4" BSP outlet
- Weight: 23.3 oz
- Blue vent grip, stainless steel lance has 1/4" BSP threads

RL-55 Blue & Lance



Part No.	Original No.	Description
8.710-446.0	353250	RL-55 Blue Gun
8.710-645.0	368440PB	40" SS lance w/ blue vent grip
8.704-610.0	111814	Repair Kit- RL-55

Mecline Guns



Easy Pull, Easy Hold!



- PSI: 5000
- GPM: 8
- Temperature: 302°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20 oz

AL 35

Part No.	Original No.	Description
8.710-435.0	353111	AL 35 - Yellow
8.720-563.0	AL016650016	Repair Kit

MV Hobby Wash Gun



Excellent Light-duty gun.



- PSI: 1850
- GPM: 5
- Temperature: 180°F
- 1/4" M inlet x 1/4" F outlet
- Weight: 8.4 oz

Hobby Wash Gun

Part No.	Original No.	Description
8.710-419.0	353040	Hobby Wash Gun

Big Guns



- PSI: 3200
- GPM: 53
- Temperature: 320°F
- 3/4" F inlet / 1/2" outlet
- Weight: 47.5 oz

Model RL204

Part No.	Original No.	Description
8.740-165.0		Model RL204
8.725-421.0		Repair Kit - Model RL124
8.749-327.0		Repair Kit - Model RL204
8.704-136.0	109775	Repair Kit - Model 100
8.704-612.0	111900	Repair Kit - Model 160



- PSI: 7250
- GPM: 21
- Temperature: 210°F
- 1/2" SS FPT inlet / outlet
- Weight: 60.3 oz

Model RL84 "Big Black Gun"

Part No.	Original No.	Description
8.710-445.0	353246	Model RL84
8.750-459.0		Repair Kit

GUNS & LANCES

Big Stainless Steel Lances & Side Handles

For big guns shown above.



- **PSI: 4050**
- Temperature: 300°F
- High pressure stainless steel pipe
- Complete with adjustable handle & coupler for 1/4" MPT nozzle
- 1/2" MPT gun connection
- Schedule 40 pipe

Part No.	Original No.	Description
8.904-081.0	352902A	20" Wand w/ Handle
8.904-083.0	352904A	40" Wand w/ Handle
8.904-086.0	352906A	Side Handle Only
8.710-411.0		39", SS, 8700 PSI 300°F Inlet 1/2" MNPT, Outlet 1/4" MNPT

Open Guns

Legacy

Durable Glass Reinforced Handle.



- **PSI: 4000**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Tubular Flow-Thru internals for high pressure and efficiency
- Weight: 16.7 oz

AP-1000 Open Gun

Part No.	Original No.	Description
8.710-396.0	352600	Legacy AP1000 Open Gun

Open Guns

AP

Just plain comfortable!

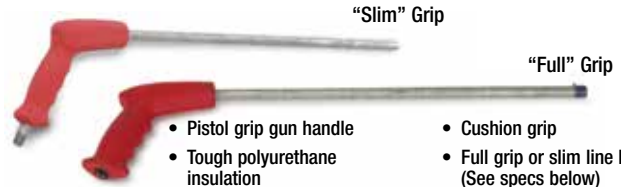


AP-740 Open Gun

- **PSI: 4000**
- GPM: 7
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 12.2 oz

Part No.	Original No.	Description
8.710-425.0	353050	AP740 Open Gun

Flow Thru Guns



Gun Handle only

Part No.	Original No.	Description
8.710-400.0	352606	Full Black Grip 3/8" FPT x 1/4" FPT

Gun Handle w/ 18" Lance

Part No.	Original No.	Description
8.710-403.0	352614	Slim Red Grip 1/4" M x 1/4" F
8.710-404.0	352616	Full Red Grip 3/8" F x 1/4" M

AP Dump Gun

AP

Water continues to run through the tube even when trigger gun is closed.



AP Single Barrel Dump Gun

- **PSI: 3000**
- GPM: 10.5
- Temperature: 140°F
- 3/8" FPT inlet x 1/8" FPT outlet

Part No.	Original No.	Description
8.710-405.0	352810	Dump Gun 16" Lance
8.710-406.0	352812	Dump Gun 40" Lance
8.704-169.0	109905	Repair Kit

Dump Gun

Industrial duty dual-barrel.



Dual Barrel Dump Gun

- **PSI: 3000**
- GPM: 10
- Temperature: 200°F
- 3/8" FPT inlet x 1/4" FPT outlet

Part No.	Original No.	Description
8.710-408.0	352820	Dump Gun w/ 36" Barrel
8.700-311.0	075296	Repair Kits

J.E. Adams Gun

Vented handle for Cooler Operation.



- **PSI: 4500**
- GPM: 12
- Temperature: 300°F
- 3/8" FPT inlet x 1/4" FPT outlet

Part No.	Original No.	Description
8.710-391.0	J.A. Trigger Gun	

Kärcher North American Style Lances

These high quality lances are used on Kärcher Liberty series HD and HDS machines and are excellent replacements for other North American-style pressure washers.

Variable Pressure Lances

The Kärcher Stainless Steel Variable Pressure Lance simply out-classes the competition. 41" length to meet ETL standards and 1/4" stainless steel tubes provides superior look and durability. Designed specifically for Kärcher to our specifications.



- PSI: 4000
- 1/4" stainless or zinc plated tubes
- Fully insulated
- New improved brass valve body and stainless steel valve bushing

Part No.	Description
9.803-805.0	Insulated Spray Lance with Nozzle Protector and Coupler
8.711-297.0	Insulated Spray Lance, SS, No Coupler
9.802-222.0	VP Wand with Quick Disconnect and Soap Nozzle
8.783-039.0	30" Chrome Wand with Side Grip and Coupler
8.783-040.0	44" Chrome Wand with Side Grip and Coupler
9.802-219.0	Cold Water Wand with Side Grip and Coupler
8.904-430.0	31" SS Insulated Spray Wand with Coupler

Steam Lance

Complete insulated for maximum protection.



- Lance with steam nozzle shown
- Vented grip full length of lance

Part No.	Description
8.904-444.0	48" w/ Steam Nozzle
8.904-441.0	48" w/o Steam Nozzle

Legacy Superlite SS Dual Lance

Superlite stainless steel with nozzle guard.



- PSI: 4000
- Temperature: 200°F
- Side handle/Valve actuator
- Viton seal
- Forged brass valve body
- 1/4" MPT inlet
- 1/8" SS outlet tubing

Part No.	Description
8.710-618.0	36" - 37.8 oz
8.710-620.0	72" - 56.0 oz
8.710-620.0	Seal Kit

Dual Lances



Interpump Dual Lance

- PSI: 3000
- GPM: 10
- Temperature: 220°F

- Excellent for down stream injector
- Zinc-plated for chemical resistance
- Brass & stainless steel valve w/ Viton seals
- Side handle valve adjustment
- Non-deluxe outlet 1/4" FPT

Part No.	Original No.	Description
8.710-612.0	368150	36" Standard
8.710-621.0	368172	72" Extended
8.904-277.0*	368151X	36" Deluxe Standard
8.904-281.0*	368173X	72" Deluxe Extended
8.900-135.0	084072X	Valve Repair Kit

Dual Lances



Premium lance with stainless steel inserted seat.



AL Premium Dual Lance

- PSI: 3600
- GPM: 10.5
- Temperature: 302°F

- 1/4" tubing
- Vented grip
- 1/4" male inlet - female outlet



AL Basic Dual Lance

- PSI: 3600
- GPM: 10.5
- Temperature: 302°F

- 1/4" male inlet - female outlet
- 1/8" Zinc plated tubes
- Square molded grip inlet

Part No.	Original No.	Description
8.710-722.0	368925	Stainless Steel Pipe
9.803-267.0	AL8355VPKIT	Repair Kit
8.710-724.0	368927	Basic Dual Lance
8.720-548.0	AL004650300	Repair Kit
8.904-360.0*	368926X	AL Premium Deluxe w/Quick Coupler & Soap Nozzle

*Deluxe Lances



Include Hardened Steel QC Inlet Plug, 1/8" 40 x 65 degree Soap Nozzle and Top Quality Quick Coupler. See lances with deluxe noted above.

Suttner Dual Lances



ST-54
w/ Side Handle

ST-53 w/ Knob

- GPM: 10
- Temperature: 300°F
- Zinc / chromate finish
- 38" total length
- Molded grip
- High pressure thin wall tubing
- Weight: 42 oz

Part No.	Original No.	Description
8.710-613.0	368153	ST-53 w/ Knob (4000 PSI)
8.710-614.0	368154	ST-54 w/ Side Handle (4500 PSI)
8.701-594.0	086884	Repair Kit (ST-53)
8.900-153.0	086883X	Clamp Kit (ST-53/54)
8.701-602.0	086907	Repair Kit (ST-54)

Suttner Push & Pull Lance



Vented grip can be pushed and pulled up to 90 degrees. For hard to reach applications, such as gutters, fenders, trucks, and heavy equipment.



- 3050 PSI
- 300°F
- 34" SS lance

Part No.	Original No.	Description
8.710-711.0	368880	ST-85 Push & Pull Lance

Dual Trigger Lance

Unique Design – Go from High Pressure to Low Pressure (Rinse to Soap) with a pull of the trigger. Use with separate Trigger Gun or as an Open Gun, and still change from High to Low.



- Zinc-plated steel tubes
- Stainless steel seat
- Includes nozzle protector
- Weight: 39 oz
- PSI: 3600
- GPM: 12
- Temperature: 300°F

Part No.	Original No.	Description
8.710-617.0	368158	48" Dual Trigger Lance
8.900-781.0	109490	Seal Kit

Legacy Wands with Square Grips



- PSI: 5250
- Temperature: Rated for 300 F°/150 C°
- 1/4" MPT on Both Ends
- Square Molded Grips
- Zinc Plated
- Polyimide Grip

Part No.	Length	Part No.	Length
Zinc-Plated - Straight		Zinc-Plated - 15° Bend	
8.752-898.0	12"	8.904-307.0	12"
8.752-899.0	20"	8.904-311.0	20"
8.752-900.0	24"	8.904-322.0	24"
8.752-901.0	28"	8.904-319.0	28"
8.752-902.0	36"	8.904-322.0	36"
8.752-903.0	48" Double Grip	8.904-327.0	48" Double Grip
8.752-904.0	60" Double Grip	8.904-331.0	60" Double Grip
8.752-905.0	79" Double Grip	8.904-337.0	79" Double Grip

Legacy Wands with Oval Grips



- PSI: 5250
- Temperature: Rated for 300 F°/ 150 C°
- Oval Molded Grips
- 1/4" MPT on Both Ends
- Stainless Steel or Zinc Plated
- Polyimide Grip

Part No.	Length	Part No.	Length
Stainless Steel - Straight		Stainless Steel - 15° Bend	
8.752-882.0	12"	8.904-299.0	12"
8.752-883.0	20"	8.904-300.0	20"
8.752-884.0	24"	8.904-301.0	24"
8.752-885.0	28"	8.904-302.0	28"
8.752-886.0	36"	8.904-303.0	36"
8.752-887.0	48" Double Grip	8.904-304.0	48" Double Grip
8.752-888.0	60" Double Grip	8.904-305.0	60" Double Grip
8.752-889.0	79" Double Grip	8.904-306.0	79" Double Grip
Zinc Plated - Straight		Zinc-Plated - 15° Bend	
8.752-890.0	12"	8.904-313.0	20"
8.752-891.0	20"	8.904-317.0	24"
8.752-892.0	24"	8.904-320.0	28"
8.752-893.0	28"	8.904-324.0	36"
8.752-894.0	36"	8.904-329.0	48" Double Grip
8.752-895.0	48" Double Grip	8.904-333.0	60" Double Grip
8.752-896.0	60" Double Grip	8.904-336.0	79" Double Grip
8.752-897.0	79" Double Grip		

MV Lance Handle



- Use on all 1/4" lances
- Easily positioned without removal of nozzle

Part No.	Original No.	Description
8.704-162.0	109873	1/4" Lance Handle

AP Uninsulated Lances



Stainless steel or corrosion-resistant bright zinc-plated lances made with 1/4" tubing.

- PSI: 4100
- Temperature: 300°F
- Superior strength rolled threads
- 1/4" high pressure, lightweight, thin wall tubing

Part No.	Original No.	Length
Stainless Steel		
8.710-623.0	368212	12"
8.710-624.0	368220	20"
8.710-625.0	368224	24"
8.710-626.0	368228	28"
8.710-627.0	368236	36"
8.710-628.0	368248	48"
8.710-629.0	368260	60"
8.710-630.0	368278	78"
Zinc-plated		
8.710-631.0	368312	12"
8.710-632.0	368320	20"
8.710-633.0	368324	24"
8.710-634.0	368336	36"
8.710-635.0	368348	48"
8.710-636.0	368360	60"
8.710-637.0	368378	78"

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of the Original Part Number

Lance Handles / Accessories

Vented Grip, Side Handle with Nut and Vented Grip with Side Handle can be user-attached to Uninsulated Lances or 1/4" Steel Pipe – Detachable & Reusable.



Part No.	Original No.	Description
8.710-717.0	368909P	Vent Grip Only (14" long)
8.904-357.0	368909PS	Grip with Side Handle
8.904-358.0	368920P	Side Handle with Nut



Part No.	Original No.	Description
8.710-716.0	368909	Vent Grip Only (14" long) ST-9
8.710-719.0	368911	Grip with Side Handle
8.710-720.0	368920	Side Handle with Nut

Adjustable Nozzle Holder



- PSI: 5700 / GPM: 10
- Perfect for cleaning hard to reach areas like inside containers or gutters
- Nozzle position locks with pressure
- Temperature: 300°F
- Stainless Steel
- 1/4" female inlet

Part No.	Description
8.749-905.0	Outlet 1/4" FNPT
8.749-906.0	Outlet 1/4" Male

AP Vent Grip Lances



Stainless steel or zinc-plated lances with 1/4" inlet/outlet.



- PSI: 4100
- Temperature: 300°F
- Tough, reusable molded nylon vented handles for heat dissipation
- Heat venting hollow insulators
- 1/4" nozzle protector INCLUDED
- 1/4" male inlet – female outlet

Part No.	Original No.	Length
Stainless Steel		
8.710-688.0	368820SS	20" Single Grip
8.710-691.0	368824SS	24" Single Grip
8.710-697.0	368836SS	36" Single Grip
8.710-701.0	368848SS	48" Double Grip
8.710-705.0	368860SS	60" Double Grip
8.710-710.0	368879SS	79" Double Grip
Zinc-plated		
8.710-686.0	368820M	20" Single Grip
8.710-690.0	368824M	24" Single Grip
8.710-695.0	368836M	36" Single Grip
8.710-699.0	368848M	48" Double Grip
8.710-703.0	368860M	60" Double Grip
8.710-708.0	368879M	79" Double Grip

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of the Original Part Number

Spray-Flex™ Flex Wand

Gives easy access to difficult spots, great for cleaning engines, roofs, eaves or underneath almost anything! Holds its shape under pressure.



- PSI: 3000 & 5000
- Temperature: 190°F
- 90° flexibility

Part No.	Original No.	PSI
8.710-597.0	368117	3000
8.710-596.0	368116	5000

Flex Lances

Flexes a full 180° and returns, saving broken wand repairs.



- PSI: 2000
- Temperature: 200°F
- Prevents bent lances & broken hose
- Industrial grade polyurethane flex section
- Perfect for self-serve car wash bays
- 1/4" galvanized pipe end sections

Part No.	Original No.	Description
8.710-598.0	368118	18", 1/4" MPT x 1/4" MPT
8.710-603.0	368121	21", 1/4" MPT x 1/8" FPT
8.710-604.0	368124	24", 1/4" MPT x 1/8" FPT



Fiberglass Telescoping Wands



High quality telescoping wand reaches up to 24', 3 sizes to choose from.
Lightweight and balanced under pressure.

- PSI: 3500
- Temperature: 200°F
- 6' - 12' Wand shown

Belt and pole clamp



Part No.	Original No.	Length	PSI	Description
8.710-589.0	368090	6' - 12'	3500	Long!
8.710-590.0	368091	6' - 18'	3500	Longer!!
8.710-591.0	368092	8' - 24'	3500	Longest!
8.700-059.0	056008	Strap & Belt Shoulder Harness		
Replacement Guns				
8.723-896.0		TS12 Replacement Gun		
8.710-595.0	368098	TS18 Replacement Gun		
8.739-434.0	368099	TS24 Replacement Gun		

Extension Wand Control Kit



8.749-848.0

- Effortlessly raise and lower the wand using the water pressure
- Adjustable pressure
- No kick back or whipping action
- Easy grip handle
- Easy to install and control
- Right or left hand adjustable
- Durable, reliable, and light weight
- Reduce fatigue and time on the job

Part No.	Description
8.749-848.0	Extension Wand Control Kit

X-Jet Long Range Nozzle



8.710-474.0

- Projects water and chemical up to 40'
- Chemicals bypass pump, lance, hose and gun for damage protection
- Includes 15' hose with inline shut-off valve and color coded proportioners

Part No.	Original No.	Description	PSI
8.710-474.0*	360103	X-Jet Long Range Nozzle	2000-3000
8.710-475.0*	360104	X-Jet Long Range Nozzle	3000-4000
8.710-473.0	360102	M5 X-Jet Variable Fan Long Range Nozzle	2000-3000

*Includes Close Range Nozzle

Gutter Cleaner Attachment

Easily quick connect to any lance or extension wand to clean gutters or hard to reach areas. Angle improves reach and expands cleaning capabilities.



- PSI: 3500
- Temperature: 200°F
- Zinc Plated
- Inlet 1/4" M plug
- Inlet 1/4" F QC

Part No.	Description
8.711-324.0	1/4" Nipple x 1/4" QC

Kew Replacement Accessories



Iride Kew Style

- PSI: 4000
- GPM: 10.5
- Temperature: 300°F
- 3/8" F inlet
- Bayonet Quick Coupler Outlet

Part No.	Original No.	Description
8.710-427.0	353065	Iride Kew Style
8.704-173.0	109950	Unitized Valve
8.704-174.0	109960	Trigger Seal Kit



Bayonet Plug

- 416 Stainless Steel Plug attaches any 1/4" lance to Kew Guns

Part No.	Original No.	Description
8.710-903.0	373069	SS Plug w/ set back threads

Hobby Gun, Lance & Hose

Don't turn away hobby unit owners. Complete replacement hose, gun and lance!



Part No.	Original No.	Description
9.802-223.0	4-011137	Insulated Lance w/ Gun
9.802-220.0	4-011106	Lance w/ Coupler (Not Shown)
8.711-285.0	4-011105	Lance w/ #3 Hi/Low Varifan Nozzle
8.711-531.0	4-02010025M	1/4" x 25' Thermoplastic Hose, 22mm both ends

NOTE: See page 22 for more Hobby Hose

Extended Trigger Guns

Unique design with trigger hinge at bottom of gun allowing easy actuation and holding of the trigger.



- Ergonomic contoured hand grip design
- Extended gun for added comfort and control
- Handle constructed of impact resistant materials to resist abuse

- GPM: 10
- Temperature: 140°
- M22 F outlet



- Cushion handle grip acts as a shock absorber reducing vibration and fatigue on hand and fingers allowing longer more comfortable work periods
- Valve position below hand provides better control and balance reducing wrist fatigue and distress

- GPM: 10
- Temperature: 140°
- M22 F outlet

Part No.	Description	PSI	Inlet
8.750-822.0	Red Extended Trigger Gun 4000	4000	3/8 FPT
8.750-823.0	Blue Extended Trigger Gun 3000	3000	M22

Part No.	Description	PSI	Inlet
8.750-824.0	Ergo Red Extended Trigger Gun 4000	4000	3/8 FPT
8.750-825.0	Ergo Blue Extended Trigger Gun 3000	3000	M22

Pressure Washer Accessory Kit



Kit 1 - Accessories included:

- Teflon Tape
- Hose, 3000 PSI 3/8 x 50', R1, SoxSw
- QC Nozzle, SS 1/4" #4.0x15
- Coupler, 3/8" Female brass
- Wand, 18" M22 x 1/4" QC
- Gun, S2 3/8" Inlet, Lance w/M22 coupler

Kit 2 - Accessories included:

- Teflon Tape
- Hose, 5000 PSI 3/8 x 50', R2, SoxSw
- QC Nozzle, SS 1/4" #4.0x15
- Coupler, 3/8" Female brass
- Wand, 18" M22 x 1/4" QC
- Gun, S2 3/8" Inlet, Lance w/M22 coupler

Part No.	Description
8.903-454.0	Pressure Washer Accessory Kit 1
8.903-455.0	Pressure Washer Accessory Kit 2

Pressure Washer Accessories

A+ Turbo Nozzle



- PSI: 3200
- GPM: 3
- Temperature: 140°F
- 1/4" QD Plug
- 3.5 Nozzle Orifice

Part No.	Description
8.750-826.0	A+ Turbo Nozzle

Uninsulated QC Lance



- PSI: 4000
- Temperature: 220°F
- Length: M22 Inlet, 1/4" QC coupler Outlet
- Zinc Plate Finish

Part No.	Description
8.750-828.0	Uninsulated QC Lance

Lance and High / Low Variable Fan Nozzle

Push/pull nozzle provides low pressure for chemical or high pressure for rinse with an adjustable spray fan.



- PSI: 3000
- GPM: 3
- Temperature: 140°F
- M22 M Inlet
- 23" Zinc Plate Finish
- 3.5 Nozzle Orifice

Part No.	Description
8.750-828.0	Uninsulated QC Lance

Replacement Accessories



Astra Style

- PSI: 4000
- Temperature: 300°F
- M22 - 1 "0" Ring inlet (Standard)
- M22 - 2 "0" Ring outlet (Extended)

Part No.	Original No.	Description
8.710-428.0	353070	Astra Style, 10.5 GPM

Maintenance Kits

8.704-173.0	109950	Unitized Valve
8.704-174.0	109960	Trigger Seal Kit

Extended Twist Seal Coupler



- PSI: 3600
- GPM: 11
- Temperature: 300°F
- Double O-ring Seal
- Machined Brass Body
- High Impact Plastic Knob

Part No.	Original No.	Description
8.709-535.0	331215	Coupler - 1/4" FPT x 22 mm F
8.709-555.0	331315	Plug - 1/4" FPT x 22 mm M

Tip Retainer



- 18 mm Thread
- Fits vent grip lance
- See tip jet nozzles in nozzle section

Part No.	Original No.	Description
8.710-901.0	373065	Tip Retainer

Tip-Jet Nozzle System



Tip-Jet Tips

- PSI: to 4000
- Neat & simple tip change
- Hardened stainless steel tips with vanes
- Strainers available
- Body components available in brass, zinc-plated steel or stainless steel

"Tip-Jet" Nozzle Systems are versatile nozzling systems for everyday or specialized applications.

Orifice Size	0° Part No.	0° Orig. No.	15° Part No.	15° Orig. No.	25° Part No.	25° Orig. No.	40° Part No.	40° Orig. No.
3.0	8.708-016.0	253316	8.708-017.0	253317N	8.708-018.0	253318	-	-
4.0	8.708-019.0	253330	8.708-020.0	253331	8.708-021.0	253332	8.708-022.0	253333
4.5	8.708-023.0	253338	8.708-024.0	253339	8.708-025.0	253340	8.708-026.0	253341
5.0	8.708-027.0	253346	8.708-028.0	253348	8.708-029.0	253349	8.708-030.0	253350
5.5	8.708-031.0	253355	8.708-032.0	253357	8.708-033.0	253358	8.708-034.0	253359
6.0	8.708-035.0	253365	8.708-036.0	253367	8.708-037.0	253368	8.708-038.0	253369
6.5	8.708-039.0	253375	-	-	8.708-040.0	253377	8.708-041.0	253378
7.0	8.708-042.0	253383	8.708-043.0	253385	8.708-044.0	253386	8.708-045.0	253387
7.5	8.708-046.0	253392	8.708-047.0	253393	8.708-048.0	253394	8.708-049.0	253395
8.0	8.708-050.0	253400	8.708-051.0	253401	8.708-052.0	253402	8.708-053.0	253403
9.0	8.708-054.0	253415	8.708-055.0	253416	8.708-056.0	253417	8.708-057.0	253418
10.0	8.708-058.0	253456	8.708-059.0	253457	8.708-060.0	253458	8.708-061.0	253459

Kärchers Tuff-Skin™ Hose



For use with: hot- or cold-water pressure Washer

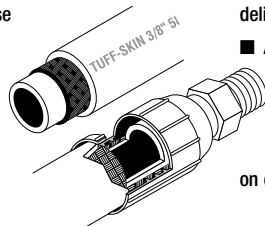
There is no other high-pressure hose as tough as Kärcher's Tuff-Skin™ hose. When tested to ISO 6945 / DIN 20024, the Tuff-Skin has proven to be seven times more abrasion resistant than standard pressure washer hoses, yet is 20% more flexible. The Tuff-Skin, with its unique design, has been engineered for a greater continuous temperature range—from -40° to 275°F / 310°F intermittent—and for handling pressures of up to 6000 PSI.

Beside its maximum-strength Class A ORS (Oil Resistance Standard)—most other brands are Class B—the Tuff-Skin has a “bite-the-wire” coupling that grips the hose better than any other design.

Both single- and double-wire braid hoses come with Kärcher's branded durable plastic sleeves on both ends—a 24-inch sleeve on the gun end—for added operator protection against high-pressure bursts.



- **Greater Oil Resistance:** Both the tube and the cover carry the maximum Class A ORS (Oil Resistance Standard) for longer life. Most brands of hose carry only a Class B rating.
- **Higher Temperature Rating:** Tuff-Skin hoses are rated for continuous temperatures up to 275°F / 310°F intermittent—20-30% higher than other brands.
- **Special Wire Braid:** Unique design of braid gives Tuff-Skin hose added durability, greater working pressure and higher impulse cycle in both the double- and single-wire products.
- **Easily Identified:** Permanently embossed identification makes for easy tracing and owner protection.



- **Certified Burst Protection:** Tuff-Skin meets the stringent UL-1776 safety standards with two hose guards—including a 24-inch sleeve on the gun end—for added operator protection against bursts.
- **Higher Abrasion Resistance:** The Tuff-Skin cover has been specially compounded to deliver 7 times the abrasion resistance of other brands.
- **Additional Flexibility:** Even with extra durability, the braid design allows for 20% more flexibility than other brands.
- **Unique Coupling:** A “bite-the-wire” coupling actually reaches the wire braid for never-slip retention, far superior to the “compression” fittings used on conventional hoses.

Tuff-Skin 2-Wire 6000 PSI Hose



- Wrapped impression, maximum oil resistant tube and cover
- Kärcher branded hose guard
- 2-wire protection
- Seven times greater abrasion resistance
- Built to SAE 100R2AT OD dimensions
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
8.739-065.0	25' x 3/8" ID	275°F	6000
8.739-066.0	50' x 3/8" ID	275°F	6000
8.739-067.0	75' x 3/8" ID	275°F	6000
8.739-068.0	100' x 3/8" ID	275°F	6000
8.724-042.0	3/8" (bulk hose)*	275°F	6000
Case Lot			
8.916-389.0	100' x 3/8" ID	275°F	6000 Case of 40

*400 feet per reel

Tuff-Skin 1-Wire 4000 PSI Hose



- Wrapped impression, maximum oil resistant tube and cover
- Kärcher branded hose guard
- 2-wire protection
- Seven times greater abrasion resistance
- Built to SAE 100R2AT OD dimensions
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
8.739-020.0	25' x 3/8" ID	275°F	4000
8.739-021.0	50' x 3/8" ID	275°F	4000
8.739-022.0	75' x 3/8" ID	275°F	4000
8.739-023.0	100' x 3/8" ID	275°F	4000
8.739-024.0	150' x 3/8" ID	275°F	4000
8.724-037.0	3/8" (bulk hose)*	275°F	4000

*500 feet per reel

Kärcher's Tuff-Flex Hose

Tuff-Flex hose has the same durable cover as Tuff-Skin with a smaller outside diameter for greater flexibility!

Tuff-Flex 2-Wire 5000 PSI Hose



Tuff-Flex hose has the same durable cover as the Tuff-Skin hose. A smaller OD allows for even greater flexibility.



- Kärcher branded hose guard
- Wrapped impression, maximum oil resistant tube and cover
- 50% greater flexibility
- Seven times greater abrasion resistance
- Economically priced
- 3/8" MPT Swivel x 3/8" MPT Solid or 1/2" MPT Swivel x 1/2" MPT Solid

Part No.	Size	Temp	PSI	
3/8" Hose				
8.739-202.0	25' x 3/8" ID	275°F	5000	
8.739-203.0	50' x 3/8" ID	275°F	5000	
8.739-204.0	75' x 3/8" ID	275°F	5000	
8.739-205.0	100' x 3/8" ID	275°F	5000	
8.739-206.0	150' x 3/8" ID	275°F	5000	
3/8" Hose - Case Lot				
8.916-391.0	50' x 3/8" ID	275°F	5000	Case of 75
8.916-390.0	100' x 3/8" ID	275°F	5000	Case of 40
1/2" Hose				
8.739-409.0	50' x 1/2" ID	275°F	5000	
8.739-411.0	100' x 1/2" ID	275°F	5000	

3/8" Blue Tuff-Flex 2-Wire 4500 PSI Hose



- Non-marking durable blue cover
- Red Kärcher branded hose guard
- 2-wire protection
- Smooth impression, maximum oil resistant tube and cover
- 50% greater flexibility
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
8.739-207.0	25' x 3/8" ID	275°F	4500
8.739-208.0	50' x 3/8" ID	275°F	4500
8.739-209.0	75' x 3/8" ID	275°F	4500
8.739-210.0	100' x 3/8" ID	275°F	4500

3/8" Blue Tuff-Flex 1-Wire 3000 PSI Hose



- Non-marking durable blue cover
- Black Kärcher branded hose guard
- Smooth impression, maximum oil resistant tube and cover
- 50% greater flexibility
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
8.739-129.0	25' x 3/8" ID	275°F	3000
8.739-130.0	50' x 3/8" ID	275°F	3000
8.739-131.0	75' x 3/8" ID	275°F	3000
8.739-132.0	100' x 3/8" ID	275°F	3000

Legacy Rawhide Hose



Superior abrasion-resistant cover hose for use with: hot- or cold-water pressure Washer

- All standard 3/8" RAWHIDE assemblies include:
- 1 solid end and 1 swivel end
 - 8" molded vinyl, color coded bend restrictors (both ends)

- Class A ORS (Oil Resistance Standard) for longer life
- Superior flexibility
- Temperature up to 275°F



Rawhide 1-Wire 4000 PSI Black Hose

- Durable wrapped finish outer cover

Part No.	Original No.	Length	Temp	Working PSI	Approx wt lbs
3/8" Black Hose (wrapped)					
8.739-030.0	158265	25' x 3/8" ID	275°F	4000	6.00
8.901-774.0	158270	30' x 3/8" ID	275°F	4000	7.00
8.901-776.0	158275	40' x 3/8" ID	275°F	4000	10.00
8.739-031.0	158280	50' x 3/8" ID	275°F	4000	12.00
8.739-032.0	158285	75' x 3/8" ID	275°F	4000	17.00
8.739-033.0	158290	100' x 3/8" ID	275°F	4000	23.00
8.739-034.0	158295	150' x 3/8" ID	275°F	4000	34.00

8.724-037.0	158200*	Per Foot			
8.916-353.0	Case of 75 (of 8.739-031.0) - 3/8" x 50 ft Hoses				
8.916-355.0	Case of 40 (of 8.739-033.0) - 3/8" x 100 ft Hoses				

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

Rawhide Smooth Cover Black Hose

Part No.	Length	Temp	Working PSI	Approx wt lbs
3/8" Smooth 3000 PSI 1-Wire Hose				
8.740-216.0	25' x 3/8" ID	250°F	3000	6.00
8.740-217.0	50' x 3/8" ID	250°F	3000	13.00
8.740-218.0	75' x 3/8" ID	250°F	3000	19.00
8.740-219.0	100' x 3/8" ID	250°F	3000	25.00

3/8" Smooth 4500 PSI 2-Wire Hose				
8.740-220.0	25' x 3/8" ID	250°F	4500	8.00
8.740-221.0	50' x 3/8" ID	250°F	4500	15.00
8.740-222.0	75' x 3/8" ID	250°F	4500	21.00
8.740-223.0	100' x 3/8" ID	250°F	4500	28.00

Legacy Rawhide 2-Wire 3/8" Hose

All black 2-wire Legacy Rawhide hose is now rated at 6000 PSI!

2-Wire RAWHIDE assemblies include:

- 1 solid end and 1 swivel end
- 6000 PSI rating - Black
- 4500 PSI rating - Blue
- 8" bend restrictors (both ends)
- Superior flexibility
- Beefed up high tensile steel wire braid
- Higher abrasion resistance
- New Temperature up to 275°F



Rawhide 1-Wire 3000 PSI Smooth Non-Marking Hose

ANIMAL FAT

Part No.	Original No.	Length	Temp	Working PSI	Approx wt lbs
3/8" Smooth Yellow Hose					
8.901-800.0	158980	50' x 3/8" ID	275°F	3000	12.00
8.901-802.0	158985	75' x 3/8" ID	275°F	3000	17.00
8.901-804.0	158990	100' x 3/8" ID	275°F	3000	23.00
8.705-720.0*	158900	Per Foot			

3/8" Smooth Blue Hose					
8.739-148.0	158780	50' x 3/8" ID	275°F	3000	12.00
8.739-149.0	158785	75' x 3/8" ID	275°F	3000	17.00
8.739-150.0	158790	100' x 3/8" ID	275°F	3000	23.00
8.739-369.0	158795	150' x 3/8" ID	275°F	3000	34.00
8.724-371.0*	158700	Per Foot			

3/8" Smooth Gray Hose					
8.749-935.0		50' x 3/8" ID	250°F	3000	13.00
8.749-936.0		100' x 3/8" ID	250°F	3000	25.00
8.749-945.0*		Per Foot			

1/4" Smooth Blue Hose					
8.901-796.0	158880	50' x 1/4" ID	275°F	3000	8.00
8.901-798.0	158890	100' x 1/4" ID	275°F	3000	16.00
8.705-718.0*	158800	Per Foot			

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

See Page 33 for fittings to make custom hose

Part No.	Original No.	Length	Temp	Approx wt lbs
3/8" Black Hose (6000 PSI) - Wrapped				
8.739-077.0	159565	25'	275°F	9.00
8.739-078.0	159580	50'	275°F	17.00
8.739-079.0	159585	75'	275°F	25.00
8.739-080.0	159590	100'	275°F	33.00
8.739-081.0	159595	150'	275°F	48.00
8.724-042.0*	159300	500'	275°F	

*450 ft reel, 50 ft incremental lengths (max 3 pieces)

Part No.	Original No.	Length	Temp	Approx wt lbs
3/8" BLUE Hose (4500 PSI) - Smooth				
8.739-229.0	154415	50'	275°F	17.00
8.739-231.0	154425	100'	275°F	33.00
8.705-651.0*	154400	Per Foot		

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

Legacy Ultima Hose



Wrapped cover hose with a smaller outside diameter for even greater flexibility!

All standard Ultima assemblies include:

- 1 solid end and 1 swivel end
- 8" molded vinyl color coded bend restrictors (both ends)
- Wrapped impression, maximum oil resistant tube and cover
- 50% greater flexibility
- Temperature up to 275°F



Ultima 1-Wire 3000 PSI Black Hose (wrapped)

Part No.	Original No.	Description	Approx Wt-lbs
3/8" Black Hose			
8.739-373.0	153550	15' x 3/8" ID	5.0
8.739-142.0	153555	25' x 3/8" ID	7.0
8.901-513.0	153560	30' x 3/8" ID	
8.739-143.0	153570	50' x 3/8" ID	13.0
8.739-144.0	153575	75' x 3/8" ID	19.0
8.739-145.0	153590	100' x 3/8" ID	25.0
8.739-146.0	153595	150' x 3/8" ID	37.0
8.724-047.0	153000*	Per Foot	

*Full Reel - 450 ft, hose only, 50 ft incremental lengths (max 3 pieces)

1/2" Black Hose

8.739-420.0	155425	25' x 1/2" ID	7.50
8.739-421.0	155450	50' x 1/2" ID	14.00
8.739-422.0	155475	75' x 1/2" ID	21.00
8.739-423.0	155499	100' x 1/2" ID	27.00
8.724-067.0	155400*	Per Foot	

*Full Reel - 350 ft, hose only, 50 ft incremental lengths (max 3 pieces)

1/4" Black Hose

8.901-418.0	151025	25' x 1/4" ID	5.00
8.901-423.0	151030	30' x 1/4" ID	6.00
8.901-427.0	151050	50' x 1/4" ID	10.00
8.901-429.0	151075	75' x 1/4" ID	15.00
8.901-430.0	151090	100' x 1/4" ID	20.00
8.724-065.0	151000*	Per Foot	

*Full Reel - 800 ft, hose only, 50 ft incremental lengths (max 3 pieces)

1-Wire Custom Hose Fittings:

These hose fittings can be used with any 1-Wire Per Foot Hose

Part No.	Original No.	Custom Length
3/8" Hose		
8.724-335.0	150232*	add fitting(s) and bend restrictor
8.901-309.0	150205*	add fitting(s) only
1/2" Hose		
8.724-333.0	150220*	add fitting(s) and bend restrictor
8.901-321.0	150222*	add fitting(s) only
1/4" Hose		
8.724-313.0	150210*	add fitting(s) and bend restrictor
8.901-314.0	150212*	add fitting(s) only

*Assembly - Add to cost of custom length (labor & fittings - 1 solid, 1 swivel)

Ultima 2-Wire 5000 PSI Black Hose (wrapped)

Part No.	Original No.	Description	Approx Wt-lbs
3/8" Black Hose			
8.739-222.0	154215	15' x 3/8" ID	5.75
8.739-223.0	154225	25' x 3/8" ID	8.00
8.739-224.0	154250	50' x 3/8" ID	15.00
8.739-225.0	154275	75' x 3/8" ID	22.00
8.739-226.0	154290	100' x 3/8" ID	28.00
8.739-227.0	154294	150' x 3/8" ID	42.00
8.724-052.0	154000*	Per Foot	
8.916-354.0	Case of 75 (of 8.739-224.0) - 3/8" x 50 ft Hoses		
8.916-356.0	Case of 40 (of 8.739-226.0) - 3/8" x 100 ft Hoses		

1/2" Black Hose

8.739-424.0	155725	25' x 1/2" ID	9.25
8.739-425.0	155750	50' x 1/2" ID	18.00
8.739-426.0	155775	75' x 1/2" ID	26.80
8.739-427.0	155790	100' x 1/2" ID	35.50
8.724-068.0	155700**	Per Foot	

*Full Reel - 450 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

**Full Reel - 350 ft per reel, hose only (max 3 pieces)

2-Wire Custom Hose Fittings:

These hose fittings can be used with any 2-Wire Per Foot Hose

Part No.	Original No.	Custom Length
3/8" Hose		
8.724-336.0	150204*	add fitting(s) and bend restrictor
8.901-309.0	150205*	add fitting(s) only
1/2" Hose		
8.724-334.0	150224*	add fitting(s) and bend restrictor
8.901-321.0	150222*	add fitting(s) only

*Assembly - Add to cost of custom length (labor & fittings - 1 solid MPT, 1 swivel MPT)

Whitewater® Combination Steam Hose



Good up to 3000 PSI / 250°F or 350 PSI / 325°F



- Single high-tensile steel wire braid
- High temperature bend restrictors – both ends
- Seamless innertube
- Solid 3/8" or 1/2" MPT connectors – both ends (Swivel ends NOT available)
- Oil-resistant cover

Part No.	Original No.	Length
3/8" Hose		
8.901-599.0	153930	30'
8.901-601.0	153950	50'
8.901-598.0	153925	25'
8.901-603.0	153975	75'
8.901-604.0	153990	100'
8.705-643.0	153900*	Per Foot

*Full Reel – 500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

Part No.	Original No.	Length
1/2" Hose		
8.901-721.0	155625	25'
8.901-723.0	155650	50'
8.901-724.0	155675	75'
8.901-725.0	155690	100'
8.705-678.0	155600*	Per Foot

*Full Reel – 500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

Custom Lengths

Part No.	Original No.	Description
3/8" Hose		
8.705-643.0	153900	per ft / hose only
8.901-316.0	150215*	add fitting(s) and bend restrictor
8.901-317.0	150216*	add fitting(s) only

Part No.	Original No.	Description
1/2" Hose		
8.705-678.0	155600	per ft / hose only
8.901-327.0	150230*	add fitting(s) and bend restrictor
8.901-326.0	150228*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 2 solid MPT)

Hobby Hose

Replacement hose for most hobby pressure washers sold by mass retailers.



- Thermoplastic cover
- Fiber-braid reinforcement
- 2250 PSI working pressure
- 9000 PSI burst pressure
- M22 x 1.5 fitting inlet
- 14mm seal cone fits Generac, Excell & Kärcher
- 15mm seal cone fits Campbell, MI-T-M

Part No.	Original No.	Seal Cone	ID	Length
8.705-485.0	150245	14mm	1/4"	25 ft
8.705-487.0	150246	15mm	1/4"	25 ft
8.711-531.0	4-02010025M	22mm*	1/4"	25 ft

Sewer Hose

SUPER FLEXIBLE SEWER LINE HOSE Hose and couplings have small outside diameter, allowing hose and nozzles to fit through sewer line. Sewer line has

Super Tough poly-ether cover over ultra-flexible nylon tube. (1/8" sewer nozzle and hose will operate through many 1-1/2" lines.) (Nozzles not included.)



- 160°F max temperature
- Nylon tube, poly-ether cover
- 1.5 gpm optimum flow 1/8"
- 2.5 gpm optimum flow 1/4"

Part No.	Original No.	Description
1/8" Hose – 4800 PSI, 1/4" inlet / 1/8" outlet		
8.705-601.0	150960	1/8" x 25'
8.705-602.0	150963	1/8" x 50'
8.705-603.0	150964	1/8" x 100'
1/4" Hose – 2600 PSI, 1/4" inlet / 1/4" outlet		
8.705-607.0	150968	1/4" x 50'
8.705-608.0	150970	1/4" x 100'
1/4" Hose – 4400 PSI, 1/4" inlet / 1/4" outlet		
8.705-610.0	150972	1/4" x 50'
8.705-611.0	150973	1/4" x 100'

Hose Bend Restrictors



- Top quality molded fit bend restrictors
- Fits snugly to prevent kinks near the connectors
- Used on hose assemblies
- Non-slip sure fit
- Easy installation, 325°F

Part No.	Original No.	Size	Description
8.705-479.0	150166	5.3"	1/4" 1 wire, Black Vinyl
8.705-476.0	150161	6.0"	3/8" 1 wire, Black Vinyl
8.705-478.0	150164	6.0"	3/8" 2 wire, Red Vinyl
8.705-481.0	150170	7.0"	1/2" 1 wire, Black Vinyl
8.705-480.0	150168	7.0"	1/2" 2 wire, Red Vinyl
8.705-483.0	150174	6.5"	3/8" Combo, Gray Vinyl
8.705-482.0	150172	6.5"*	1/2" Combo, Black Rubber

*Insulated Rubber

HOSE

Orange 600 Sprayer Hose & Ribbed PVC Sprayer Hose

Braid reinforced PVC hose designed specifically for AG/ Pest control spraying applications.



- Tough Ribbed Cover
- Color - Orange
- 600 PSI max pressure
- Bulk Hose Standard in 300' Single Length Coils
- Resists Abrasion and UV Rays

Part No.	Original No.	Description
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3/8" Hose - Orange

8.705-527.0	150630	300' Coil (Single, Uncut Length)
8.901-384.0	150634	50' Length (Bulk)
8.901-385.0	150636	100' Length (Bulk)
8.901-383.0	150632	Per Foot (Minimum 25')
8.724-335.0	150232	1-Wire Custom Hose Fitting

1/2" Hose - Orange

8.705-523.0	150601	300' Coil (Single, Uncut Length)
8.901-377.0	150603	50' Length
8.901-379.0	150606	100' Length
8.705-524.0	150602	Per Foot (Minimum 25')
8.724-333.0	150220	1-Wire Custom Hose Fitting

3/4" Hose - Orange

8.705-531.0	150660	300' Coil (Single, Uncut Length)
8.901-386.0	150662	Per Foot (Minimum 25')
8.901-351.0	150295	SO/SW Assy w/o Bend Restrictor

NOTE: All Above Hose Can Be Custom Fitted - with MPT Fittings, Male or Female

Garden Hose Solid or Swivel Fittings, with or without Bend Restrictors, etc. Combinations Are Too Numerous To List - CALL FOR CUSTOM ASSEMBLY PRICING!

Garden Hose - Apex Quality

The Essential Product for Pressure Washing



- Rated for cold water use
- Reinforced hose for flexibility & strength in all weather
- Assemblies complete with bend restrictor
- 5/8" or larger ID for full flow
- Choice of Commercial or Heavy-duty grade
- Commercial grade has machined octagonal "wrench tight" fittings

Part No.	Original No.	Length	ID	Grade	Color
8.704-786.0	121315	50'	5/8"	Com	Gray
8.704-787.0	121319	100'	5/8"	Com	Gray
8.704-788.0	121332	50'	5/8"	HD	Lt. Green
8.704-789.0	121336	100'	5/8"	HD	Lt. Green

All Rubber Reinforced Hot Water (160°F) Hose

8.704-790.0	121344	50'	5/8"	Com	Red
8.704-791.0	121348	50'	3/4"	Com	Red

Cold Weather Garden Hose



- Ideal for outdoor contractors
- Thermostatically controlled - heating element is activated at +/- 35°F temperature and turned off at +/- 40 F ambient temperature
- Heated hose with 110 plug
- Use only with a UL approved GFCI outlet or extension
- 5/8" - 50 ft.
- PVC material FDA approved for potable water
- High quality brass fittings

Part No.	Description
8.749-944.0	50' Cold Weather Garden Hose

"Field" Attachable Couplings

Design and Build Your Own Hose or Adapt and Repair Hose in the Field (No Crimper Required)



Couplings for 1 Wire Braid Hose

Part No.	Original No.	ID x MPT
8.705-493.0	150502	1/4" x 1/4" - Solid
8.705-495.0	150505	1/4" x 1/4" - Swivel
8.705-496.0	150510	3/8" x 1/4" - Solid
8.705-497.0	150511	3/8" x 3/8" - Solid
8.705-498.0	150513	3/8" x 3/8" - Swivel
8.705-499.0	150515	1/2" x 3/8" - Solid
8.705-500.0	150516	1/2" x 1/2" - Solid
8.705-501.0	150518	1/2" x 1/2" - Swivel

Couplings for 2 Wire Braid Hose

Part No.	Original No.	ID x MPT
8.705-502.0	150532	1/4" x 1/4" - Solid
8.705-503.0	150535	1/4" x 1/4" - Swivel
8.705-504.0	150540	3/8" x 1/4" - Solid
8.705-505.0	150541	3/8" x 3/8" - Solid
8.705-506.0	150543	3/8" x 3/8" - Swivel
8.705-507.0	150546	1/2" x 1/2" - Solid
8.705-508.0	150548	1/2" x 1/2" - Swivel

Connector Hose - 2' - 10' Connector hose comes with 1 solid / 1 swivel end.



3/8" Ultima - 2 wire 5000 PSI		3/8" Ultima - 2 wire 5000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-271.0	2'	8.918-272.0	2'
8.918-273.0	3'	8.918-275.0	3'
8.918-276.0	4'	8.918-277.0	4'
8.918-278.0	5'	8.918-279.0	5'
8.918-280.0	6'	8.918-281.0	6'
8.918-282.0	7'	8.918-283.0	7'
8.918-284.0	8'	8.918-285.0	8'
8.918-286.0	9'	8.918-287.0	9'
8.918-288.0	10'	8.918-289.0	10'

3/8" Ultima - 1 wire 3000 PSI		3/8" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-253.0	2'	8.918-254.0	2'
8.918-255.0	3'	8.918-256.0	3'
8.918-257.0	4'	8.918-258.0	4'
8.918-259.0	5'	8.918-260.0	5'
8.918-261.0	6'	8.918-262.0	6'
8.918-263.0	7'	8.918-264.0	7'
8.918-265.0	8'	8.918-266.0	8'
8.918-267.0	9'	8.918-268.0	9'
8.918-269.0	10'	8.918-270.0	10'

1/2" Ultima - 2 wire 5000 PSI		1/2" Ultima - 2 wire 5000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-292.0	2'	8.918-293.0	2'
8.918-294.0	3'	8.918-295.0	3'
8.918-296.0	4'	8.918-297.0	4'
8.918-298.0	5'	8.918-299.0	5'
8.918-300.0	6'	8.918-418.0	6'
8.918-301.0	7'	-	-
8.918-302.0	8'	-	-
8.918-303.0	9'	-	-
8.918-304.0	10'	8.918-305.0	10'

1/4" Ultima - 1 wire 3000 PSI		1/4" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-240.0	2'	-	-
8.918-241.0	3'	-	-
8.918-242.0	4'	-	-
8.918-243.0	5'	8.918-244.0	5'
8.918-245.0	6'	8.918-246.0	6'
8.918-247.0	7'	-	-
8.918-248.0	8'	8.918-249.0	8'
8.918-250.0	9'	-	-
8.918-251.0	10'	8.918-252.0	10'

Connector Hose / Car Wash Bay Hose - 12' - 25'

All car wash bay hoses come with solid male pipe on both ends.



3/8" Ultima - 1 wire 3000 PSI		3/8" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One	
End Part No.	Length	Part No.	Length
8.918-333.0	12'	8.919-123.0	12'
8.918-334.0	13'	8.918-335.0	13'
8.918-336.0	14'	8.918-337.0	14'
8.918-338.0	15'	8.918-339.0	15'
8.918-340.0	16'	8.918-341.0	16'
8.918-342.0	17'	8.918-343.0	17'
8.918-344.0	18'	8.918-345.0	18'
8.918-346.0	19'	8.918-347.0	19'
8.918-348.0	20'	8.918-349.0	20'
8.918-350.0	21'	8.918-351.0	21'
8.918-352.0	22'	8.918-353.0	22'
8.918-354.0	23'	8.918-355.0	23'
8.918-356.0	24'	8.918-357.0	24'
8.918-358.0	25'	8.918-359.0	25'

1/4" Ultima - 1 wire 3000 PSI		1/4" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One	
End Part No.	Length	Part No.	Length
8.918-306.0	12'	8.918-307.0	12'
8.918-308.0	13'	8.918-309.0	13'
8.918-310.0	14'	8.918-311.0	14'
8.918-312.0	15'	8.918-313.0	15'
8.918-314.0	16'	8.918-315.0	16'
8.918-316.0	17'	8.918-317.0	17'
8.918-318.0	18'	8.918-319.0	18'
8.918-320.0	19'	8.918-321.0	19'
8.918-322.0	20'	8.918-323.0	20'
8.918-324.0	21'	8.918-174.0	21'
8.918-325.0	22'	8.918-326.0	22'
8.918-327.0	23'	8.918-328.0	23'
8.918-329.0	24'	8.918-330.0	24'
8.918-331.0	25'	8.918-332.0	25'

3/8" Blue - 1 wire 3000 PSI		3/8" Blue - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One	
End Part No.	Length	Part No.	Length
8.918-360.0	12'	8.918-361.0	12'
8.918-362.0	13'	8.918-363.0	13'
8.918-364.0	14'	8.918-365.0	14'
8.918-366.0	15'	8.918-367.0	15'
8.919-124.0	16'	8.918-368.0	16'
8.918-369.0	17'	8.918-370.0	17'
8.918-371.0	18'	8.918-372.0	18'
8.918-373.0	19'	8.918-374.0	19'
8.918-375.0	20'	8.918-376.0	20'
8.918-377.0	21'	8.918-378.0	21'
8.918-379.0	22'	8.918-380.0	22'
8.918-381.0	23'	8.918-382.0	23'
8.918-383.0	24'	8.918-384.0	24'
8.918-385.0	25'	8.918-386.0	25'

1/4" Blue - 1 wire 3000 PSI		1/4" Blue - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One	
End Part No.	Length	Part No.	Length
8.918-387.0	12'	8.918-388.0	12'
8.918-389.0	13'	8.918-390.0	13'
8.918-391.0	14'	8.918-392.0	14'
8.918-393.0	15'	8.918-394.0	15'
8.918-395.0	16'	8.918-396.0	16'
8.918-397.0	17'	8.918-398.0	17'
8.918-399.0	18'	8.918-400.0	18'
8.918-401.0	19'	8.918-402.0	19'
8.918-403.0	20'	8.918-404.0	20'
8.918-405.0	21'	8.918-406.0	21'
8.918-407.0	22'	8.918-408.0	22'
8.918-409.0	23'	8.918-410.0	23'
8.918-411.0	24'	8.918-412.0	24'
8.918-413.0	25'	8.918-414.0	25'

HOSE

Industrial Garden Hose



Built to last, extra-large 3/4" ID Inlet water hose. EPDM cover and tube is perfect for water and provides ozone and heat protection.



- EPDM Tube and Cover
- Class C Oil Resistant
- -40°F to 212°F
- Heavy-Duty, contractor grade
- Crush resistant fittings

Part No.	Size	Temp	PSI
8.711-797.0	25' x 3/4" ID	212°F	200
8.711-798.0	50' x 3/4" ID	212°F	200
8.711-799.0	75' x 3/4" ID	212°F	200
8.711-800.0	100' x 3/4" ID	212°F	200

Sandblast Hose



Heavy-duty spiralite hose available preassembled or by the foot.



- 3/4" spiralite sand hose with air hose locking couplers
- -30°F to 130°F

Part No.	Size	Temp	Description
8.711-809.0	3/4"	130°F	Sand, Spiralite /ft
8.711-839.0	3/4" x 25'	130°F	Assy, Sand, Spiralite 25'
8.711-840.0	3/4" x 40'	130°F	Assy, Sand, Spiralite 40'
8.711-811.0	1"	130°F	Sand, Spiralite /ft

Float Tank Inlet Hose



Float tank connection hoses are completely assembled and ready to go. Don't see the size you need? Call us for special orders.



- Pre-made hose with special float fitting already installed
- 3/8" ID Push-on hose
- -40°F to 212°F

Part No.	Size	Temp	PSI
8.711-773.0	8"	212°F	300
8.711-774.0	11"	212°F	300
8.711-775.0	13"	212°F	300
9.802-257.0	30"	212°F	300
9.802-258.0	45"	212°F	300
8.707-316.0	Connector, Fluidmaster Ball Cock		

Push-On Hose



This is a fabric braid hose with a Nitrile cover and tube. Easily pushes on to hose barb fitting and good up to 300 PSI.



- Fabric braid
- Nitrile cover
- -40°F to 212°F

Part No.	Size	Temp	PSI
9.802-254.0	1/4" ID	212°F	300
9.802-259.0	1/2" ID	212°F	300
9.802-261.0	3/4" ID	212°F	300

Vinyl Tubing



This 1/4" x 1/2" clear vinyl tubing is heavier duty than the rest! Thick wall resists kinking. Available in clear or clear reinforced with a polyester braid.



- Very flexible
- Available by the foot or 100' rolls

Part No.	Size	Temp	PSI
9.802-251.0	1/4" x 1/2"	50	Clear Vinyl /ft
9.802-252.0	1/4" x 1/2"	250	Braided Vinyl /ft

1/4", 3/8" & 1/2" 2-Wire Pressure Loop

The 1/4" ID pressure lines swivel at both ends for most any application. The 3/8" ID pressure loops have female JIC on both ends for typical unloader connection hose.



- 1/4" ID Pressure Line
- 1/4" MPT swivel x 1/4" MPT swivel
- 1/4" ID two-wire 5000 PSI
- Any length available



- JIC Pressure Loop
- 1/2" female JIC swivels on each end
- 3/8" ID two-wire 4500 PSI
- Any length available

- 5,000 PSI and 275°F for all pressure loops

Part No.	Size	Description
8.918-180.0	16" x 1/4" ID	1/4" Pressure Line
8.918-181.0	20" x 1/4" ID	1/4" Pressure Line
8.918-182.0	26" x 1/4" ID	1/4" Pressure Line
8.918-183.0	28" x 1/4" ID	1/4" Pressure Line
8.918-184.0	30" x 1/4" ID	1/4" Pressure Line
8.918-419.0	36" x 1/4" ID	1/4" Pressure Line
8.918-187.0	42" x 1/4" ID	1/4" Pressure Line
8.918-210.0	16" x 3/8" ID	JIC Pressure Loop
8.918-422.0	20" x 3/8" ID	JIC Pressure Loop
8.918-423.0	22" x 3/8" ID	JIC Pressure Loop
8.918-424.0	25" x 3/8" ID	JIC Pressure Loop
8.918-425.0	29" x 3/8" ID	JIC Pressure Loop
8.918-427.0	36" x 3/8" ID	JIC Pressure Loop
8.711-662.0	38" x 3/8" ID	JIC Pressure Loop
8.918-212.0	42" x 3/8" ID	JIC Pressure Loop
8.918-224.0	20" x 1/2" ID	JIC Pressure Loop
8.711-701.0	22" x 1/2" ID	JIC Pressure Loop
8.918-225.0	28" x 1/2" ID	JIC Pressure Loop
8.918-228.0	46" x 1/2" ID	JIC Pressure Loop
8.918-230.0	70" x 1/2" ID	JIC Pressure Loop

Clear PVC Tubing



- "Box Pak" 100 ft
- 25°F to 150°F
- Very flexible – Non-reinforced
- Packaged in self-dispensing box

Part No.	Original No.	ID	OD	WP @ 70°F
8.901-279.0	121070	1/4"	3/8"	55
8.704-766.0	121106	1/2"	5/8"	30

Flex Line Bypass / Supply Line Hose

Industrial PVC hose with black seamless inner tube, polyester braid reinforced tough outer cover. Excellent for use as supply lines or bypass lines. Typically used for air hose.



- Looks & feels like rubber
- Smooth dirt- & oil-resistant finish
- Super flexible
- Abrasion-resistant cover
- Burst-rated 3 times WP

Part No.	Original No.	ID x OD	WP@70°F	Roll Length
Red Cover, heavy wall				
8.901-281.0	121081	3/8" x .634"	300	50'
8.704-762.0	121084	3/8" x .634"	300	500'
8.901-282.0	121087	1/2" x .792"	250	50'
8.704-764.0	121090	1/2" x .792"	250	500'
8.901-284.0	121097	3/4" x 1.14"	160	50'
8.704-765.0	121099	3/4" x 1.14"	160	300'
Blue Cover, standard wall				
8.704-779.0	121160	1/4" x .475"	250	100'

Clear Reinforced PVC Tubing

Multi-use industrial grade tubing with high resistance to chemicals, solvents & fuel.



- Reinforced with polyester cord
- Huge selection of sizes and lengths
- 4 to 1 Burst Safety Factor

Part No.	Original No.	ID x OD	WP@70°F	Roll Length
8.901-256.0	121031	1/4" x 3/8"	250	25'
8.901-257.0	121032	1/4" x 3/8"	250	50'
8.704-751.0	121033	1/4" x 3/8"	250	100'
8.704-752.0	121034	1/4" x 3/8"	250	300'
8.901-260.0	121036	3/8" x 1/2"	175	25'
8.901-261.0	121037	3/8" x 1/2"	175	50'
8.901-262.0	121038	3/8" x 1/2"	175	100'
8.704-753.0	121039	3/8" x 1/2"	175	300'
8.901-264.0	121041	1/2" x 3/4"	175	25'
8.901-265.0	121042	1/2" x 3/4"	175	50'
8.704-754.0	121043	1/2" x 3/4"	175	100'
8.704-755.0	121044	1/2" x 3/4"	175	300'
8.901-267.0	121046	5/8" x 7/8"	175	25'
8.901-268.0	121047	5/8" x 7/8"	140	50'
8.901-269.0	121048	5/8" x 7/8"	140	100'
8.704-756.0	121049	5/8" x 7/8"	140	300'
8.901-271.0	121051	3/4" x 1"	140	25'
8.901-272.0	121052	3/4" x 1"	140	50'
8.704-757.0	121053	3/4" x 1"	140	100'
8.704-758.0	121054	3/4" x 1"	140	300'
8.901-273.0	121059	1" x 1 1/4"	75	25'
8.901-274.0	121060	1" x 1 1/4"	75	50'
8.901-275.0	121061	1" x 1 1/4"	75	100'
8.704-759.0	121063	1" x 1 1/4"	75	200'

See page 31 for hose clamps

Pulse Hose



- 1300 PSI working pressure
- Available with either plug-end or open flow with solid/swivel connects
- 3/8" MPT on both styles

Part No.	Original No.	Description
8.711-151.0	381118	18" with Plug End
8.711-153.0	381124	24" with Plug End
8.711-155.0	381128	28" Solid/Swivel - Open
8.711-157.0	381136	36" Solid/Swivel - Open

HOSE REELS

Kärcher Hose Reels



Fully assembled and ready to use!

Kärcher hose reels were designed for ease of use and durability in commercial pressure washer applications.

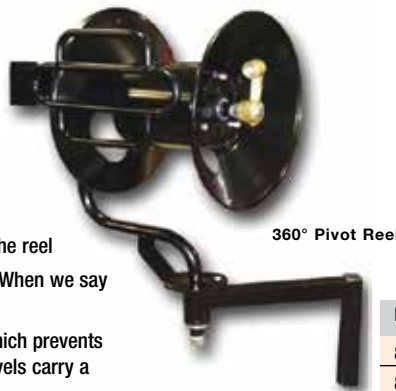
Offering 100' and 200' reels in both a fixed base and 360 degree rotating base. The oversized reel holds the advertised length plus leaves additional space reducing the difficulty of reeling hose. The unique extended swivel improves the hose connection and reduces hose wear and stress.

Features:

- Rugged heavy-duty construction for commercial applications.
 - Heavy gauge steel fabrication
 - Gloss black powder coating
 - Easy to use brake mechanism reduces unwinding backlash
 - Oversized heavy-duty locking mechanism prevents slippage during reel operation.
 - Durable handle
- "Flip-Over" hose guide: Allows ease of use from either side of the reel
- Oversized: Oversized to easily fit the advertised length of hose. When we say 100' we mean 100+ feet will easily fit.
- New swivel design: The reels come with an extended swivel which prevents bends and stress on the hose where it attaches to the reel. Swivels carry a two year warranty.
- Rotary mount: 360 degree rotation with an oversized heavy-duty locking mechanism. Allows for continual alignment with the hose.
 - Mount to round or square tubing
- Fully assembled: Ready to use out of the box. Saves time and money.

Specifications:

- Rated for 5000 psi
- Rated for 325°F
- 100' and 200' fixed base
- 100' and 200' 360 degree rotating base
- High pressure double seal swivels.
- Reels equipped for 3/8" hose. Easily convertible to 1/2" hose with the change to a 1/2" swivel.
- 2 year warranty



360° Pivot Reel



Fixed Base Hose Reel

Part No.	Description	Length
8.750-682.0	Fixed Based	100' x 3/8"
8.750-685.0	Pivot Reel	100' x 3/8"
8.750-683.0	Fixed Based	200' x 3/8"
8.750-684.0	Pivot Reel	200' x 3/8"
8.920-146.0	Pivot Reel, Trailer Mount	100' x 3/8"
8.920-147.0	Pivot Reel, Trailer Mount	200' x 3/8"

NOTE: Hose not included

Brackets

Bracket Sockets



Universal Mount Skid Mount Wall Mount Base Mount

Non-Pivot Reel Brackets



Universal 90-degree 45-degree Vertical

Part No.	Description
8.920-127.0	Trailer Mount Support, Pivot Reels
8.919-430.0	Universal Mount
8.919-794.0	Skid Mount
8.919-437.0	Wall Mount
8.919-434.0	Base Mount
8.919-072.0	Bracket, Universal
8.919-445.0	Bracket, 90°
8.919-441.0	Bracket, 45°
8.919-448.0	Bracket, Vertical

Kärcher Hose Reel Swivels



Innovative Design

- 5000 PSI
- Stainless steel rotor
- Unique dual seal for extra long life
- 2 year warranty



Protect your hose - Limit bend and hose stress

- 5000 PSI
- Stainless steel rotor
- Unique dual seal for extra long life
- 2 year warranty

Swivels

Part No.	Inlet x Outlet
9.118-021.0*	1/2" M x 3/8" F
9.118-022.0**	1/2" F x 3/8" F
9.118-023.0	3/8" M x 3/8" F
9.118-024.0	3/8" F x 3/8" F

* Replacement Swivel for Kärcher hose reel
 ** Replacement Swivel for Rapid Reel

Part No.	Inlet x Outlet
9.118-025.0	1/2" M x 1/2" F
9.118-026.0	1/2" F x 1/2" F
9.118-027.0	3/8" M x 1/2" F
9.118-028.0	3/8" F x 1/2" F

Extended Swivels

Part No.	Inlet x Outlet
9.118-020.0*	1/2" M x 3/8" F
9.118-029.0	1/2" F x 3/8" F
9.118-030.0	3/8" M x 3/8" F
9.118-031.0	3/8" F x 3/8" F

* Replacement Swivel for Kärcher hose reel

Part No.	Inlet x Outlet
9.118-032.0	3/8" F x 1/2" F
9.118-033.0	3/8" M x 1/2" F
9.118-034.0	1/2" F x 1/2" F
9.118-035.0	1/2" M x 1/2" F

Swivel Repair Kits – 8.776-01.0



AP Hose Reels

AP hose reels have been designed to perfectly balance ruggedness and durability with affordability.



- Flared flanges for maximum capacity
- Solid center core for maximum strength
- Rolled beaded edge flanges for maximum safety
- Easy mounting options for maximum versatility
- "Posi-Pin" lock, prevents unwanted dereeling
- Heavy-duty powder coated steel
- Easy access external swivel
- 4000 PSI working pressure
- Rated temp: 225°F
- 3/8" or 1/2" Inlet/Outlet

Swivel Repair Kits

Part No.	Original No.
8.900-855.0	110025

Part No.	Original No.	Hose Dia	Capacity (in feet)	Core Width	Flange Width	Flange Diameter	Overall Height
8.711-192.0	386188	3/8"	50	4.3	7.9	10.5	13.0"
9.804-067.0	386191	3/8"	100	8.7	12.2	10.5	13.0"
8.711-199.0	386206	3/8"	150	6.3	10.2	13.0	16.7"
8.711-201.0	386209	1/2"	100	6.3	10.2	13.0	16.7"
8.712-460.0	421043	Replacement Swivel for Part No. 8.711-192.0 & 9.804-067.0					
8.712-469.0	421063	Replacement Swivel for Part No. 8.711-199.0					
8.712-462.0	421045	Replacement Swivel for Part No. 8.711-201.0					
8.700-188.0	4-0203612	Replacement Handle					

NOTE: Hose is not included in price. See page 24 for connector hose.



- Super-reinforced core – Won't collapse!
- Adjustable brake for controlled reel tension
- Convenient external swivel
- Manual rewind handle included
- Solid core bolts onto flanges for extra strength
- 225°F max temperature
- Snap lock to prevent accidental dereeling
- Bearings have oil cap for easy field maintenance
- 4000 PSI working pressure

Professional Size Reel

Part No.	Original No.	Hose Dia	Capacity (in feet)	Reel Size Width	Reel Size Diameter
8.711-182.0	386174	3/8"	150	6"	18"
8.711-183.0	386175	3/8"	300	10"	18"
8.711-184.0	386176	3/8"	350	14"	18"
8.711-189.0	386181	1/2"	200	10"	18"
8.711-190.0	386182	1/2"	270	14"	18"
8.715-921.0	600975T	Replacement Brake for Part No. 8.711-182.0 & 8.711-183.0			

NOTE: Hose is not included in price. Interchangeable parts available. Call for pricing. See page 22 for connector hose.

Space Saver Reel

Part No.	Original No.	Hose Dia	Capacity (in feet)	Reel Size Width	Reel Size Diameter
8.711-179.0	386171	3/8"	90	6"	14"
8.711-180.0	386172	3/8"	140	10"	14"
8.711-181.0	386173	3/8"	200	14"	14"
8.711-186.0	386178	1/2"	115	10"	14"
8.711-187.0	386179	1/2"	150	14"	14"

NOTE: Hose is not included in price. Interchangeable parts available. Call for pricing. See page 22 for connector hose.

Coxreels Hose Reels



8.711-858.0



9.802-265.0

Coxreels offer high performance in a very compact and lightweight hand crank or spring driven hose reel. Perfect for mobile application and permanent floor and wall mount.

- Rated up to 4000 PSI
- -20°F to 225°F
- Adjustable drag brake
- 90° brass swivel

Spring Driven Hose Reel

- Light weight, compact design
- Adjustable drag break
- Sturdy U-shaped frame
- Up to 4000 PSI
- Rolled edges & ribbed discs provide strength & safety
- Pro-Grade heavy duty steel
- 2-year mfg. limited warranty



8.723-649.0

(hose and ball stop not included)

Part No.	Original No.	Description	PSI
8.711-858.0	4-02750001	200' x 1/2" (300' x 3/8" with Adapter)	3000
8.711-860.0	4-02750002	50' x 3/8"	4000
9.802-265.0	4-02750003	100' x 3/8"	4000
8.711-591.0	4-020369	Handle Replacement	
8.711-588.0	4-020366	Locking Pin Assy	
8.723-649.0	87236490	50' x 3/8" Spring Driven	4000
8.705-132.0	140407	1/2" to 3/8" Adapter (for 8.711-858.0)	
8.750-020.0		Ball Stop for 8.723-649.0	
8.711-584.0	4-020362	Replacement Swivel, 1/2"	
8.711-585.0	4-020363	Replacement Swivel, 3/8"	

COUPLERS

Legacy Quick Couplers



Legacy Brass Couplers give Premium Performance with Economy Price. Legacy Quick Connect Couplings are machined from top grade materials to the same exacting specifications as the high cost performance leaders. We have gone a step further to ensure that Legacy Quick Couplers can withstand high temperature, high pressure and aggressive chemicals by including EPDM o-rings as standard. Compare the performance-Compare the price!

- SS Band for increased durability (except 1/2 inch)
- 4000 PSI

Case pricing

Part No. MPT	Original No.	Part No. FPT	Original No.	Description	Case of 200 Part No. - MPT	Case of 200 Part No. - FPT	Description
9.802-165.0	331015V	9.802-164.0	331016V	1/4" Socket, Brass Coupler	8.916-542.0	8.916-538.0	1/4" Socket, Brass Coupler
9.802-169.0	331020V	9.802-166.0	331021V	3/8" Socket, Brass Coupler	8.916-541.0	8.916-537.0	3/8" Socket, Brass Coupler
8.707-139.0	331115V	8.707-136.0	331116V	1/4" Plugs, Steel, Zinc-plated	8.916-540.0		1/4" Plugs, Stl, Zinc-plated
9.802-171.0	331120V	9.802-170.0	331121V	3/8" Plugs, Steel, Zinc-plated		8.916-361.0	1/4" Plugs, Stl, Zinc-plated
8.707-164.0	2-2017	8.709-501.0	331126V	1/2" Plugs, Steel, Zinc-plated	8.916-539.0		3/8" Plugs, Stl, Zinc-plated
8.707-167.0	2-20181	8.709-455.0	331026V	1/2" Socket, Brass Coupler FPT		8.916-536.0	3/8" Plugs, Stl, Zinc-plated

Stainless Steel Quick Couplers



- Chemical resistant
- 303 stainless steel
- 5500 PSI

Part No. MPT	Original No.	Part No. FPT	Original No.	Description
8.707-110.0	2-2001SS	8.707-103.0	2-2000SS	1/4" Stainless Steel Couplers
8.707-135.0	2-2003SS	8.707-125.0	2-2002SS	3/8" Stainless Steel Couplers
8.707-140.0	2-20051	8.707-138.0	2-20041	1/4" Stainless Steel Nipples
8.707-152.0	2-20071	8.707-144.0	2-20061	3/8" Stainless Steel Nipples

Note: Quantity pricing available at 75 or more

Brass Quick Couplers



- High quality brass construction
- 4000 PSI

Our A+ Brass Quick Couplers provide the same performance as our Legacy Quick Couplers with a brass sleeve.

Part No.	Description	Part No.	Description
8.750-695.0	1/4" FPT Socket, Brass Coupler	8.750-697.0	3/8" FPT Socket, Brass Coupler
8.750-696.0	1/4" MPT Socket, Brass Coupler	8.750-698.0	3/8" MPT Socket, Brass Coupler

O-Rings

O-Rings for AP, Hansen, Foster, Parker, and other quick-coupler brands. Buna to 210°F, EPDM to 280°F and Viton to 300°F and aggressive chemicals.



QC EPDM

Part No.	Orig. No.	Size
8.900-026.0	075033	1/8"
9.802-098.0	075035	1/4"
8.900-029.0	075037	3/8"

QC Buna

Part No.	Orig. No.	Size
8.900-027.0	075034	1/4"
8.702-017.0	075036	3/8"
8.900-030.0	075038	1/2"

QC Viton

Part No.	Orig. No.	Size
8.702-084.0	075042	1/4"
8.702-088.0	075041	3/8"
8.900-032.0	075040	1/2"



Parker Quick Couplers

Parker Brass Couplers are built to stringent standards to provide a durable, safe connection.



- Best name in the industry
- High quality brass construction
- 3500 PSI

Part No.	Original No.	Description
8.707-102.0	844850	1/4" FNPT
8.707-096.0	844852	3/8" FNPT
8.707-108.0	826173	1/2" FNPT

Part No.	Original No.	Description
8.707-095.0	844851	1/4" MNPT
8.707-134.0	844853	3/8" MNPT



- Hardened steel
- Zinc plated
- The industry leader
- 3500 PSI

Part No.	Original No.	Description
8.707-099.0	844856	1/4" FNPT
8.707-156.0	844858	3/8" FNPT
8.707-158.0	915783	1/2" FNPT

Part No.	Original No.	Description
8.707-142.0	844857	1/4" MNPT
8.707-157.0	844859	3/8" MNPT
8.707-160.0	915186	1/2" MNPT



- Corrosion resistant
- Chemical resistant
- 5500 PSI max

Part No.	Original No.	Description
8.707-106.0	826171	1/4" FNPT
8.707-125.0	826159	3/8" FNPT
8.707-107.0	826172	1/2" FNPT

Part No.	Original No.	Description
8.707-122.0	826183	3/8" MNPT



- Chemical resistant
- 5500 PSI max

Part No.	Original No.	Description
8.707-161.0	915777	1/4" FNPT
8.711-140.0	915780	3/8" FNPT
8.707-162.0	915784	1/2" FNPT

Part No.	Original No.	Description
8.707-141.0	915638	3/8" MNPT

Hansen Quick Connective Couplers



Built by the company that invented Quick Connective Couplers in 1915. Designed and built to perform even in the toughest pressure washing applications.



- Precision performance
- Unrestricted bore for free flow
- Resists plug deformation when pressure spikes occur and withstands pump pulse

Pressure Rating Service

Series	W/Steel Plug PSI	W/Brass Plug PSI	W/Stainless Steel PSI
1/8"	2,600	2,500	4,200
1/4"	5,500	5,200	6,700
3/8"	3,500	2,700	5,500
1/2"	2,700	2,200	3,000
3/4"	1,700	1,700	1,700

Part No. MPT	Original No.	Part No. FPT	Original No.	Description
8.709-436.0	331010	8.709-437.0	331011	1/8" Brass Coupler Socket
8.709-440.0	331015	8.709-442.0	331016	1/4" Brass Coupler Socket
8.709-447.0	331020	8.709-449.0	331021	3/8" Brass Coupler Socket
8.709-453.0	331025	8.709-454.0	331026	1/2" Brass Coupler Socket
8.709-463.0	331045	8.709-462.0	331044	3/4" Brass Coupler Socket
8.709-438.0	331012			1/8" SS Coupler Socket
		8.709-444.0	331017	1/4" SS Coupler Socket
		8.709-564.0	331413	3/8" SS Coupler Socket
		8.709-457.0	331031	1/2" SS Coupler Socket
8.709-478.0	331110	8.709-479.0	331111	1/8" Plugs, Steel, Zinc-plated
8.709-483.0	331115			1/4" Plugs, Steel, Zinc-plated
		8.709-484.0	331116	1/4" Plugs, Steel, Zinc-plated
8.709-490.0	331120			3/8" Plugs, Steel, Zinc-plated
		8.709-492.0	331121	3/8" Plugs, Steel, Zinc-plated
8.709-499.0	331125			1/2" Plugs, Steel, Zinc-plated
		8.709-500.0	331126	1/2" Plugs, Steel, Zinc-plated
8.709-502.0	331127			3/4" Plugs, Steel, Zinc-plated
		8.709-509.0	331144	3/4" Plugs, Steel, Zinc-plated
8.709-486.0	331117			1/4" Plugs, Hardened SS
		8.709-488.0	331118	1/4" Plugs, Hardened SS
8.709-494.0	331122			3/8" Plugs, Hardened SS
		8.709-496.0	331123	3/8" Plugs, Hardened SS
8.709-480.0	331112			1/2" Plugs, Hardened SS
		8.709-481.0	331113	1/2" Plugs, Hardened SS

COUPLERS

Twist Seal Couplers

Allows U.S. Standard Hose to Connect to European (22mm) Fittings.

- Internal O-ring seal
- Machined brass body
- High-impact plastic knob
- 7.8 GPM max flow
- 3600 PSI max pressure
- 302°F max temperature



Part No.	Original No.	Description
8.709-522.0	331205	1/4" FPT
8.709-530.0	331207	3/8" FPT
9.802-173.0	331204	1/4" MPT
8.709-526.0	331206	3/8" MPT
8.709-601.0	331710	3/8" QD Plug

Plugs are made of heavy-duty machined brass for a safe and leak free connection.



Part No.	Original No.	Description
8.709-540.0	331305	1/4" FPT
8.709-546.0	331307	3/8" FPT
8.709-536.0	331304	1/4" MPT
8.707-185.0	331306	3/8" MPT

O-rings, viton

Part No.	Original No.	Description
8.704-036.0	109286	O-rings (Viton)

Double Quality Twist Seal Couplers



Couples U.S. Standard Pipe Threads to 22mm European Fittings Found on Imported Pressure Washers.

- Internal O-ring with back ring seal assures no-leak operation
- Oversized high-impact plastic knob
- Machined brass body
- 7.8 GPM max flow
- 4000 max pressure
- 302°F max temperature
- 3.9 to 4.2 oz weight



Sockets

Part No.	Original No.	Description
8.709-524.0	331205PA	1/4" FPT
8.709-531.0	331207PA	3/8" FPT
8.709-534.0	331209PA	1/2" FPT
8.709-521.0	331204PA	1/4" MPT
8.709-528.0	331206PA	3/8" MPT
8.709-533.0	331208PA	1/2" MPT



Plugs

Part No.	Original No.	Description
8.709-542.0	331305PA	1/4" FPT
8.709-548.0	331307PA	3/8" FPT
8.709-553.0	331309PA	1/2" FPT
8.709-539.0	331304PA	1/4" MPT
8.709-545.0	331306PA	3/8" MPT
8.709-551.0	331308PA	1/2" MPT



O-rings

Part No.	Orig. No.	Description
8.704-036.0	109286	O-rings (Viton)
8.704-037.0	109287	Back Ring

11,000 PSI Quick Couplers

Snaprite Quick Sockets and Plugs are precision built for extreme high pressure.

- 11,000 PSI max
- -40°F to 250°F
- Zinc Chromate



Part No.	Orig. No.	Description
8.707-115.0	2-20023	1/4" FPT Socket
8.707-116.0	2-200231	1/4" MPT Socket
9.802-167.0	2-20021	3/8" FPT Socket
8.707-117.0	2-20024	1/4" FPT Plug
8.707-121.0	2-20028	1/4" MPT Plug
9.802-168.0	2-20022	3/8" FPT Plug
8.707-120.0	2-20027	3/8" MPT Plug
Replacement O-rings		
9.804-043.0	2-0132	1/4"
8.706-712.0	2-01321	3/8"

Double Shut-Off Couplers & Plugs



331501

331401

- Quick disconnect without drips and leaks
- Indispensible for in-plant multiple station systems
- Machined construction brass, zinc plated steel or stainless steel

Part No.	Original No.	Description	PSI
8.709-556.0	331401	1/8" FPT Socket (Brass)	3000
8.709-557.0	331405	1/4" FPT Socket (Brass)	2700
8.709-558.0	331406	3/8" FPT Socket (Stl Zinc)	3700
8.709-559.0	331407	3/8" FPT Socket (Brass)	2200
8.709-560.0	331408	1/2" FPT Socket (Brass)	2250
8.709-561.0	331409	1/2" FPT Socket (SS)	4250
8.709-562.0	331410	3/4" FPT Socket (Brass)	2000
8.709-580.0	331501	1/8" FPT Plugs (Brass)	3000
8.709-581.0	331505	1/4" FPT Plugs (Brass)	2700
8.709-583.0	331507	3/8" FPT Plugs (Brass)	2200
8.709-584.0	331508	1/2" FPT Plugs (Brass)	2250



- Nitrile up to 210°F
- Use Viton for 230°F and above

Replacement O-rings

8.701-994.0	ORN013	O-ring 1/8" Nitrile
8.702-015.0	ORN110	O-ring 1/4" Nitrile
8.702-017.0	ORN112	O-ring 3/8" Nitrile
8.702-021.0	ORN114	O-ring 1/2" Nitrile
8.702-084.0	ORV110	O-ring 1/4" Viton
8.702-088.0	ORV112	O-ring 3/8" Viton
8.702-090.0	ORV114	O-ring 1/2" Viton
8.702-023.0	ORN115	O-ring 3/32" Nitrile (for kit 1)

90° Swivels



Excellent for Carwash Booms and Hose Reels. Remarkable value, comparable to best swivels made.

- Forged Brass Body
- 4000 PSI
- 225°F
- Nitrile O-Ring

Part No.	Original No.	Description
8.712-460.0	421043	3/8" M x 3/8" F
8.712-461.0	421044	3/8" F x 3/8" F
8.712-462.0	421045	1/2" M x 1/2" F
8.712-463.0	421046	1/2" F x 1/2" F
8.712-464.0	421047	1/2" M x 3/8" F
8.712-469.0	421063	3/8" F x 3/4" M w/ 3/8" inside thread
8.900-855.0	110025	Repair Kit

Swivels - Right Angle



- 360° swivel rotation
- 3000 PSI max pressure - Brass
- 5000 PSI max pressure - SS

Part No.	Orig. No.	Description
8.712-448.0	421018	Swivel - Stainless Steel 3/8"
8.712-450.0	421020	Swivel - Brass 3/8"
8.712-449.0	421019	Swivel - Brass 1/2"
8.700-287.0	075143	Repair Kit - 3/8" for 421018 & 421020
8.700-285.0	075128	Repair Kit - 1/2" for 421019

Stainless Steel High Pressure & Economy Brass Swivels



- 10.5 GPM max flow (SS)
- 7.8 GPM max flow (brass)
- 320°F max temp (SS)
- 195°F max temp (brass)
- Highly resistant to harsh chemicals
- "Live" swivel at full pressure
- 6 oz weight

Part No.	Orig. No.	Description	PSI
8.712-456.0	421030	Swivel, SS - 1/4" M x F	5600
8.712-455.0	421025	Swivel, SS - 3/8" M x F	5600
8.712-443.0	421009	Swivel, Brass - 3/8" M x F	3600
8.704-096.0	109542	Repair Kit for 8.712-456.0 & 8.712-455.0	

Gun Swivel



Made of corrosion-resistant material and stainless steel self-lubricated bearings the new gun swivel offers highest quality Swiss made craftsmanship.



- 4000 PSI
- 250°F temperature
- 30 RPM

Part No.	Original No.	Description
8.712-467.0	421057	Gun Swivel DGV - 1/4" NPTF
8.712-466.0	421056	Gun Swivel DVG - 3/8" NPTF

Swivels



- Swivels even at 3000 PSI
- Brass housing
- Stainless steel flow-through bolt
- Close tolerance fit assures leakproof seal
- Teflon® ring provides free swivel

Part No.	Original No.	Description
8.904-551.0	421010A	3/8" MPT x FPT*
8.904-552.0	421012A	3/8" FPT x FPT*
8.904-553.0	421014	3/8" MPT x FPT, Brass
8.904-554.0	421015	3/8" FPT x FPT, Brass
8.900-764.0	109198	Seal Kit
8.900-765.0	109199	Rebuild Kit

*Long body style

Stainless Steel Swivels



- Swivels even at 4000 PSI
- 200°F max temperature
- All stainless construction
- Teflon® swivel ring
- Rebuildable
- 3/8" in and out

Part No.	Original No.	Description
8.712-446.0	421016	3/8" MPT x FPT
8.712-447.0	421017	3/8" FPT x FPT
8.900-764.0	109198	Seal Kit
8.900-765.0	109199	Rebuild Kit

Swivels - Ball Bearing



Swivels freely even at maximum pressure level noted below.

- MPT x FPT all sizes
- Brass and Stainless Steel materials

Part No.	Original No.	Description	PSI
8.712-438.0	421004	1/4"	2000
8.712-439.0	421005	1/4"	3500
8.712-440.0	421006	3/8"	2000
8.712-441.0	421007	3/8"	3500
8.712-479.0	421080	1/4" 90°	3500
8.700-263.0	075060	Repair Kit	

Swivels - Stainless Steel Ball Bearing



- Hardened stainless steel body
- Nitrile Buna seals
- 3500 PSI max pressure
- 180°F max temperature
- M x F NPT thread
- Ball-bearing design ensures free swivel action under pressure
- Suitable for extended wear application

Part No.	Original No.	Description
8.712-457.0	421034	1/4", 6.8 GPM
8.700-460.0	076102	Repair Kit for 421034
8.712-458.0	421036	3/8", 10.6 GPM
8.700-459.0	076101	Repair Kit for 421036
8.712-459.0	421038	1/2", 27.0 GPM
8.700-461.0	076103	Repair Kit for 421038

FITTINGS

Adapters - Brass



Part No.	Original No.	FPT x MPT
8.705-186.0	140651	1/8" x 1/8"
9.803-054.0	140652	1/4" x 1/8"
8.705-188.0	140653	1/4" x 1/4"
8.705-185.0	140650	3/8" x 1/8"
9.804-007.0	140654	3/8" x 1/4"
8.705-190.0	140655	3/8" x 3/8"
8.705-192.0	140657	1/2" x 1/4"
8.705-191.0	140656	1/2" x 3/8"
9.802-148.0	140658	1/2" x 1/2"
8.705-194.0	140660	3/4" x 1/2"
8.705-195.0	140662	3/4" x 3/4"

Bushings - Brass



Part No.	Original No.	MPT X FPT
9.803-564.0	140402	1/4" x 1/8"
8.705-129.0	140404	3/8" x 1/4"
9.802-135.0	140406	1/2" x 1/4"
8.705-132.0	140407	1/2" x 3/8"
8.705-133.0	140410	3/4" x 3/8"
9.802-136.0	140411	3/4" x 1/2"

Hex Couplings - Brass



Part No.	Original No.	FPT
8.705-150.0	140452	1/8"
8.705-151.0	140454	1/4"
8.705-152.0	140456	3/8"
8.705-153.0	140458	1/2"
8.705-154.0	140462	3/4"

Reducing Hex Couplings - Brass



Part No.	Orig. No.	Description
8.705-155.0	140502	1/4" x 1/8" F
8.705-156.0	140504	3/8" x 1/4" F
8.705-157.0	140505	1/2" x 1/4" F
8.705-158.0	140506	1/2" x 3/8" F
8.705-159.0	140508	3/4" x 1/2" F

Hex Double Nipples - Brass



Part No.	Orig. No.	Description
8.705-224.0	140752	1/8" x 1/8" M
9.802-108.0	140754	1/4" x 1/4" M
8.705-228.0	140756	3/8" x 3/8" M
9.803-989.0	140758	1/2" x 1/2" M
8.705-233.0	140762	3/4" x 3/4" M
8.705-234.0	140764	1" x 1" M

Push-On - Brass Swivel



9.802-151.0

Part No.	Description
9.802-153.0	1/4" Barb x 1/4" JIC Fem
9.802-151.0	1/2" Barb x 1/2" JIC Fem
9.802-152.0	3/4" Barb x 3/4" JIC Fem

Hex Reducing Nipples - Brass



Part No.	Description	Part No.	Description
8.705-225.0	1/4"x1/8"M	8.705-229.0	1/2"x1/4"M
8.705-223.0	3/8"x1/8"M	9.803-276.0	1/2"x3/8"M
8.705-227.0	3/8"x1/4"M	9.803-556.0	3/4"x1/2"M

Nipples - Brass



Close Nipple



Part No.	Original No.	Description
8.705-201.0	140702	1/8" Close
8.705-204.0	140710	1/4" Close
8.705-211.0	140720	3/8" Close
9.802-109.0	140730	1/2" Close
8.705-220.0	140740	3/4" Close
8.705-202.0	140703	1/8" x 1-1/2"
8.705-203.0	140705	1/8" x 2-1/2"
8.705-205.0	140711	1/4" x 1-1/2"
8.705-206.0	140712	1/4" x 2"
8.705-207.0	140713	1/4" x 2-1/2"
8.705-212.0	140721	3/8" x 1-1/2"
8.705-213.0	140723	3/8" x 2-1/2"
8.705-214.0	140724	3/8" x 3"
8.705-217.0	140731	1/2" x 1-1/2"
8.705-218.0	140733	1/2" x 3"
8.705-221.0	140742	3/4" x 2"
8.705-222.0	140744	3/4" x 3"

90° Elbows - Brass



Part No.	Orig. No.	Description
8.705-160.0	140552	1/8" FPT
8.705-161.0	140554	1/4" FPT
9.802-113.0	140556	3/8" FPT
9.803-265.0	140558	1/2" FPT
8.705-164.0	140562	3/4" FPT
8.705-169.0	140584	1/4" x 1/4" MPT
8.705-171.0	140586	3/8" x 3/8" MPT
8.705-173.0	140588	1/2" x 1/2" MPT

90° Reducing Elbows - Brass



Part No.	Orig. No.	Description
8.705-165.0	140575	1/4" Fx1/8" F
8.705-166.0	140577	3/8" Fx1/4" F
8.705-168.0	140583	1/4"x1/8" MPT
8.705-167.0	140582	3/8"x1/8" MPT
8.705-170.0	140585	3/8"x1/4" MPT
8.705-172.0	140587	1/2"x3/8" MPT

JIC x Pipe Nipples



Part No.	Size
8.706-265.0	1/2" JIC x 1/4" FPT
9.802-037.0	1/2" JIC x 3/8" FPT
9.802-036.0	1/2" JIC x 3/8" MPT
9.802-038.0	1/2" JIC x 1/2" MPT

Street Elbows - Brass



Part No.	Description - 90°	Part No.	Description - 45°
8.705-174.0	1/8" M x F	8.705-180.0	1/8" M x F
9.803-839.0	1/4" M x F	8.705-181.0	1/4" M x F
9.802-114.0	3/8" M x F	8.705-182.0	3/8" M x F
9.802-115.0	1/2" M x F	8.705-183.0	1/2" M x F
9.803-555.0	3/4" M x F	8.705-184.0	3/4" M x F

Extruded or Forged Tees - Brass



Part No.	Description	Part No.	Description
8.705-246.0	1/8" F	9.802-117.0	1/2" F
8.705-247.0	1/4" F	8.705-251.0	3/4" F
8.705-248.0	3/8" F		

Male Branch Tees - Brass



Part No.	Description	Part No.	Description
9.802-120.0	1/4"	8.705-255.0	1/2"
8.705-254.0	3/8"		

Street Tees - Brass



Part No.	Description	Part No.	Description
9.802-121.0	1/4"	9.802-122.0	1/2"
8.705-257.0	3/8"	8.705-259.0	3/4"

Female Crosses - Brass Extruded



Part No.	Description	Part No.	Description
8.705-196.0	1/4"	8.705-198.0	1/2"
8.705-197.0	3/8"	8.705-199.0	3/4"

Check Hose Barbs



- 1/4" MPT X 1/4" barb
- Brass body
- Buna or Viton check ball

Part No.	Original No.	Description
8.904-389.0	385128	Check Hose Barb - Viton
8.904-390.0	385129	Check Hose Barb - Buna

JIC Nipples - Brass



9.802-128.0



8.706-894.0

Part No.	Description
8.706-872.0	1/2" JIC x 1/4" MPT
9.802-127.0	1/2" JIC x 3/8" MPT
9.802-128.0	1/2" JIC x 1/2" MPT
8.706-877.0	1/2" JIC x 3/4" MPT
8.706-894.0	1/2" JIC x 1/2" FPT
8.706-895.0	1/2" JIC x 3/8" FPT
8.706-896.0	1/2" JIC x 1/4" FPT
8.706-897.0	1/2" JIC x 3/4" FPT
8.706-899.0	3/4" JIC x 3/4" Pipe MPT
8.706-971.0	1/2" JIC x 3/4" GHF

Hose Barbs - Brass



90° Barb x MPT



Barb x MPT

Part No.	Original No.	Barb x MPT - 90°
9.802-142.0	140369	1/4" x 1/8"
9.802-143.0	140370	1/4" x 1/4"
8.705-118.0	140371	3/8" x 1/4"
8.705-119.0	140372	3/8" x 3/8"
8.705-120.0	140374	3/8" x 1/2"
8.705-121.0	140375	1/2" x 1/4"
8.705-122.0	140376	1/2" x 3/8"
8.705-123.0	140377	1/2" x 1/2"
8.705-125.0	140379	5/8" x 3/8"
8.705-126.0	140384	5/8" x 1/2"
		Barb x MPT
8.705-097.0	140350	1/8" X 1/4"
9.802-137.0	140352	1/4" X 1/8"
9.802-138.0	140354	1/4" x 1/4"
8.705-102.0	140355	1/4" x 3/8"
8.705-108.0	140361	1/4" x 1/2"
8.705-098.0	140351	3/8" x 1/8"
8.705-104.0	140357	3/8" x 1/4"
8.705-105.0	140358	3/8" x 3/8"
8.705-103.0	140356	3/8" x 1/2"
8.705-100.0	140353	3/8" x 3/4"
8.705-110.0	140363	1/2" x 1/4"
8.705-106.0	140359	1/2" x 3/8"
8.705-109.0	140362	1/2" x 1/2"
8.705-111.0	140364	1/2" x 3/4"
8.705-107.0	140360	5/8" x 3/8"
9.802-140.0	140365	5/8" x 1/2"
8.705-113.0	140366	5/8" x 3/4"
8.705-114.0	140367	3/4" x 1/2"
8.705-115.0	140368	3/4" x 3/4"

Push-N-Lock Barbs



- Normally requires no clamps

Part No.	Original No.	Barb x MPT
8.705-069.0	140252	1/4" x 1/8"
8.705-070.0	140254	1/4" x 1/4"
8.705-071.0	140255	1/4" x 3/8"
8.705-072.0	140256	3/8" x 1/8"
8.705-073.0	140257	3/8" x 1/4"
8.705-074.0	140258	3/8" x 3/8"
8.705-075.0	140259	3/8" x 1/2"
8.705-076.0	140260	3/8" x 3/4"
8.705-077.0	140261	1/2" x 1/4"
9.802-156.0	140262	1/2" x 3/8"
8.705-079.0	140263	1/2" x 1/2"
8.705-080.0	140264	1/2" x 3/4"
8.705-081.0	140265	5/8" x 3/8"
8.705-082.0	140266	5/8" x 1/2"
8.705-083.0	140267	5/8" x 3/4"
8.705-084.0	140268	3/4" x 1/2"
8.705-085.0	140269	3/4" x 3/4"
		Barb x Barb
8.705-064.0	140200	1/4" x 1/4"
8.705-065.0	140204	3/8" x 3/8"
8.705-066.0	140208	1/2" x 1/2"
8.705-067.0	140210	5/8" x 5/8"
8.705-068.0	140212	3/4" x 3/4"



Barb x Barb

FITTINGS

Swivel Hose Barbs - Low Pressure



- 300 PSI max pressure
- 210°F max temperature
- Brass MPT base with steel hose barb
- Swivel easily at low pressure to eliminate twists and tangles in chemical or water lines

Part No.	Original No.	Description
8.705-050.0	140079	1/4" x 1/4"
8.705-052.0	140081	3/8" x 3/8"
8.705-053.0	140083	1/2" x 1/2"

Orificed Hose Barb



- Inexpensive way to create suction on inlet side of pump
- Used in-line from float tank to pump
- One-piece machined brass
- 3/8" MPT x 5/8" barb
- Standard orifice 5/32" – Drill up to 3/8" to fit your need

Part No.	Original No.	Description
8.705-093.0	140320	Orificed Hose barb

Drain Cocks



Part No.	Orig. No.	Description
8.705-060.0	140125	1/4" Fuel Drain w/Tee Handle
8.705-061.0	140127	1/4" Fuel Drain w/Barb & Tee Handle

Hex Head Plugs



Part No.	Original No.	Description
8.705-236.0	140802	1/8"
8.705-238.0	140804	1/4"
8.705-240.0	140806	3/8"
9.803-673.0	140808	1/2"
8.705-244.0	140810	3/4"

Hex Socket Head Plugs



Part No.	Original No.	Description
9.803-051.0	140802A	1/8"
9.802-124.0	140804A	1/4"
8.705-241.0	140806A	3/8"
8.705-243.0	140808A	1/2"

Pipe Thread Hex Nuts



Part No.	Original No.	Description
8.705-041.0	140062	1/8"
8.705-042.0	140064	1/4"
8.705-043.0	140065	3/8"
8.705-044.0	140067	1/2"
8.705-045.0	140070	3/4"

Garden Hose Fittings

- MGH = Male Garden Hose
- FG = Female Garden Hose
- Heavy-duty Machined Brass Fittings



140056



140054



331040



140015



140038



140303

Part No.	Orig. No.	Description
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Swivel Fittings - 3/4" FGH

8.705-032.0	140050	1/4" MPT
8.901-292.0	140056	3/8" MPT
8.901-291.0	140051	1/2" MPT
8.705-033.0	140052	1/2" FPT (S-1)
8.705-034.0	140054	3/4" FPT (S-2)
8.705-035.0	140055	3/4" FGH (S-3)
8.705-008.0	140002	1/2" BARB
8.705-009.0	140004	5/8" BARB
8.705-010.0	140006	3/4" BARB

Garden Hose Quick Couplers

8.709-460.0	331040	Female Hose Coupler
8.709-508.0	331140	Male Hose Plug

Garden Hose Accessories

8.705-016.0	140020	Garden Hose Washer
9.804-016.0	140015	Filter Screen Washer (30 mesh)

Solid Fittings

8.705-024.0	140036	3/4" MGH x 3/8" MPT
9.802-145.0	140038	3/4" MGH x 1/2" MPT
8.705-026.0	140040	3/4" MGH x 3/4" MPT
8.705-019.0	140028	3/4" FGH x 1/2" FPT
8.705-020.0	140030	3/4" FGH x 3/4" FPT
8.705-022.0	140032	3/4" FGH x 1/2" MPT
8.705-023.0	140034	3/4" FGH x 3/4" MPT
8.705-018.0	140026	3/4"FGHx3/4"FGH(SS)

Hose Barb Fittings

8.705-086.0	140301	3/8" Barb x 3/4" MGH
8.705-087.0	140303	1/2" Barb x 3/4" MGH
8.705-088.0	140305	5/8" Barb x 3/4" MGH
8.705-089.0	140307	3/4" Barb x 3/4" MGH
8.705-091.0	140317	3/8" Barb x 3/4" FGH
8.705-092.0	140319	1/2" Barb x 3/4" FGH
8.705-094.0	140321	5/8" Barb x 3/4" FGH
8.705-095.0	140323	3/4" Barb x 3/4" FGH

Hose Clamps

Warning: Low pressure use only! Not for use on pressure washer discharge hose.



- Stainless steel band & housing
- Worm gear tensions



- Nylon "Speedi-Clamp" tightens with a snap
- Releases with a twist

Part No.	Orig. No.	Band	OD	Min - Max
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9.802-200.0	358010	4mm	5/16"	.25 - .63
8.710-456.0	358012	5mm	5/16"	.38 - .88
8.710-457.0	358013	10mm	5/16"	.50 - 1.06
8.710-458.0	358015	H8	1/2"	.44 - .91
8.710-459.0	358018	H10	1/2"	.56 - 1.06
8.710-460.0	358019	H12	1/2"	.69 - 1.25
8.710-461.0	358020	H16	1/2"	.75 - 1.50
8.710-463.0	358022	H24	1/2"	1.06 - 2.00
8.710-464.0	358024	H32	1/2"	1.56 - 2.50

8.904-167.0	358001X	1/4" ID Speedi-Clamp*
8.904-168.0	358004X	3/8" ID Speedi-Clamp*
8.904-169.0	358006X	1/2" ID Speedi-Clamp*

*50 Pack

Zinc Plated Heavy Wall Steel Pipe Fittings

- Up to 6000 PSI working pressure (18000 PSI burst)
- Attractive zinc-plated protective coating
- US standard taper pipe threads

Adapters



Part No.	Original No.	MPT x FPT	Working Pressure
8.705-356.0	142404	1/4" x 1/4"	6000
8.705-357.0	142405	1/4" x 3/8"	6000
9.804-553.0	142406	3/8" x 3/8"	6000
8.705-359.0	142407	3/8" x 1/2"	5000
8.705-360.0	142408	1/2" x 1/2"	5000
8.705-361.0	142409	1/2" x 3/4"	4000
8.705-362.0	142412	3/4" x 3/4"	4000

Coupling Hex



Part No.	Original No.	FPT x FPT	Working Pressure
8.705-364.0	142415	1/4" x 1/4"	6000
8.705-366.0	142417	3/8" x 3/8"	6000
8.705-369.0	142420	1/2" x 1/2"	5000
8.705-371.0	142422	3/4" x 3/4"	5000
Reducing Couplings			
8.705-365.0	142416	3/8" x 1/4"	6000
8.705-367.0	142418	1/2" x 3/8"	5000
8.705-368.0	142419	1/2" x 1/4"	5000
8.705-370.0	142421	3/4" x 1/2"	4000

Hex Nipple



Part No.	Original No.	MPT x MPT	Working Pressure
9.802-010.0	142425	1/4" x 1/4"	6000
9.802-011.0	142427	3/8" x 3/8"	6000
9.802-012.0	142430	1/2" x 1/2"	6000
8.705-380.0	142434	3/4" x 3/4"	6000
Reducing Nipples			
9.802-022.0	142426	3/8" x 1/4"	6000
8.705-375.0	142428	1/2" x 1/4"	6000
8.705-376.0	142429	1/2" x 3/8"	6000
8.705-379.0	142431	3/4" x 1/2"	6000

Street Elbow



Part No.	Original No.	MPT x FPT	Working Pressure
9.802-029.0	142438	1/4" x 1/4"	5000
9.804-080.0	142439	1/4" x 3/8"	4500
9.802-030.0	142440	3/8" x 3/8"	4500
8.705-384.0	142441	3/8" x 1/2"	3000
9.803-045.0	142442	1/2" x 1/2"	3000
8.705-386.0	142443	1/2" x 3/4"	3000
8.705-387.0	142444	3/4" x 3/4"	3000

Street Tee



Part No.	Original No.	MPT x FPT x MPT	Working Pressure
8.705-428.0	142684	1/4"	5000
9.802-033.0	142685	3/8"	4500
9.802-034.0	142686	1/2"	3000
8.705-431.0	142687	3/4"	3000

Elbow



Part No.	Original No.	FPT x FPT	Working Pressure
8.705-393.0	142504	1/4" x 1/4"	5000
8.705-394.0	142505	1/4" x 3/8"	4500
9.802-023.0	142506	3/8" x 3/8"	4500
8.705-396.0	142507	3/8" x 1/2"	3000
8.705-397.0	142508	1/2" x 1/2"	3000
8.705-398.0	142509	1/2" x 3/4"	4000
8.705-399.0	142512	3/4" x 3/4"	4000

Tee - 3 Connects



Part No.	Original No.	FPT	Working Pressure
8.705-412.0	142654	1/4"	5000
8.705-414.0	142656	3/8"	4500
9.802-032.0	142658	1/2"	3000
8.705-417.0	142662	3/4"	3000

Cross - 4 Connects



Part No.	Original No.	FPT	Working Pressure
8.705-418.0	142664	1/4"	5000
8.705-419.0	142666	3/8"	4500
8.705-420.0	142668	1/2"	3000
8.705-421.0	142672	3/4"	3000

Reducing Bushing



Part No.	Original No.	MPT x FPT	Working Pressure
9.802-046.0	142676	3/8" x 1/4"	6000
8.705-423.0	142678	1/2" x 1/4"	6000
9.802-045.0	142680	1/2" x 3/8"	6000
8.705-426.0	142682	3/4" x 1/2"	6000

Pipe Plugs - Hex



Part No.	Original No.	Description	Working Pressure
9.803-530.0	142701	1/4"	6000
8.705-433.0	142702	3/8"	6000
8.705-434.0	142703	1/2"	6000
8.705-435.0	142704	3/4"	6000

FITTINGS & FILTERS

Pipe Nipple - Zinc



Part No.	Original No.	Length x MPT	Working Pressure
9.803-043.0	142800	2" x 1/4"	6000
8.705-441.0	142801	3" x 1/4"	6000
8.705-442.0	142802	4" x 1/4"	6000
8.705-443.0	142803	2" x 3/8"	6000
8.705-985.0	142804	3" x 3/8"	6000
8.705-445.0	142805	4" x 3/8"	6000
8.705-446.0	142806	2" x 1/2"	6000

Part No.	Original No.	Length x MPT	Working Pressure
9.802-014.0	142807	3" x 1/2"	6000
9.802-015.0	142808	4" x 1/2"	6000
8.705-996.0	142808T	5" x 1/2"	6000
8.705-450.0	142810	2" x 3/4"	6000
8.705-451.0	142811	3" x 3/4"	6000
8.705-452.0	142812	4" x 3/4"	6000
8.705-453.0	142813	6" x 3/4"	6000

Galvanized Pipe Fittings

- Pressed steel fittings - external galvanized for excellent chemical resistance
- Ideal for supply line (city water pressure) applications (working pressure rating 125 PSI)
- NOT recommended for high pressure piping applications

Pipe Street Elbows



Part No.	Original No.	MPT x FPT
8.705-407.0	142604	1/4"
8.705-408.0	142606	3/8"
8.705-409.0	142608	1/2"
8.705-410.0	142610	3/4"

Pipe Tees



Part No.	Original No.	FPT x FPT x FPT
8.705-456.0	142854	1/4"
8.705-458.0	142856	3/8"
8.705-459.0	142858	1/2"
8.705-461.0	142868	3/4"

Merchant Coupling



Part No.	Original No.	FPT x FPT
8.705-389.0	142454	1/4"
8.705-390.0	142456	3/8"
8.705-391.0	142458	1/2"

Banded Coupling



Part No.	Original No.	FPT x FPT
8.705-436.0	142754	1/4"
8.705-437.0	142756	3/8"
8.705-438.0	142758	1/2"
8.705-439.0	142760	3/4"

90° Elbows



Part No.	Original No.	FPT x FPT
8.705-403.0	142552	1/4"
8.705-404.0	142556	3/8"
8.705-405.0	142558	1/2"
8.705-406.0	142560	3/4"

"The Big One"

Larger, heavier, and with more filtering area than competitors' filters



- Corrosion-resistant plastic
- Stepped 1/4" & 3/8" hose barb
- Weighted to hold onto bottom of tank

Part No.	Original No.	Description
8.709-938.0	340025	With Check Valve
8.709-939.0	340026	Without Check Valve

Brass Chemical Filter



50 mesh stainless steel screen. Removable mesh for easy cleaning. Heavy-duty one-piece brass body holds the filter on the bottom of tank.



- 1/4" hose barb
- Stainless steel check ball

Part No.	Original No.	Description
9.803-672.0	340010X	With Check Valve
8.709-934.0	340012X	Without Check Valve

Plastic Chemical Strainer

Polypropylene and Brass Construction



- 7mm hose barb

Part No.	Orig. No.	Description
8.709-935.0	340014	w/ Check Valve
9.802-160.0	340015	w/o Check Valve

Chemical Line w/ Filter



- 6 foot long, 1/4" clear vinyl tubing

Part No.	Original No.	Description
Brass Filter		
8.903-991.0	340022X	Chemical Line/ Filter w/ Check Valve
8.903-992.0	340023X	Chemical Line/ Filter w/o Check Valve
Plastic Filter		
8.903-993.0	340024X	Chemical Line/ Filter w/ Check Valve
8.903-996.0	340027X	Chemical Line/ Filter w/o Check Valve

Green-Cap Inline Filter



The Original Green-Cap!



- 6 GPM max flow
- 40 mesh stainless screen
- Diecast metal housing/ plastic cap
- 1/2" FPT inlet
- 1/2" MPT outlet
- Two 1/4" side ports
- 145 PSI max pressure

Part No.	Original No.	Description
8.709-961.0	342010	Green Cap Filter
8.701-383.0	083441	Replacement Screen
8.701-382.0	083439	Replacement Cap
8.900-123.0	083440	Replacement O-Ring

All Metal Inline Filter



- Die-cast aluminum body and cover
- Black anodized finish
- 38 mesh screen
- 170 PSI max pressure
- 195°F max temperature
- 6.6 GPM max flow
- 1/2" Female x Male

Part No.	Original No.	Description
8.709-976.0	342030	All Metal Line Filter
8.704-055.0	109343	Replacement Filter

Heavy-Duty Inline Filters



- 1/2" Female x Male
- 50 mesh screen
- 8 GPM max flow
- 145 PSI max pressure
- 140°F max temperature
- Unbreakable reinforced nylon cap

Part No.	Original No.	Description
8.709-974.0	342026	Filter
8.709-975.0	342027	With Auxiliary (bypass) Port
8.704-172.0	109941	Replacement Filter

Clear Bowl Filters



- Low profile style
- MPT inlet & outlet
- White nylon body
- Clear bowl
- Stainless steel screen
- L 3", W 1-3/4", H 2-3/8"

Part No.	Original No.	Description
8.709-962.0	342012	1/4", 40 Mesh Screen
8.709-963.0	342013	1/4", 80 Mesh Screen
8.709-964.0	342014	3/8", 40 Mesh Screen
8.709-965.0	342015	3/8", 80 Mesh Screen
8.709-966.0	342016	1/2", 40 Mesh Screen
8.709-967.0	342017	1/2", 80 Mesh Screen
8.700-563.0	078214	80 Mesh Replacement Scrn
8.700-564.0	078215	40 Mesh Replacement Scrn

Inline Can-Type Filters & Parts



- 40 or 80 mesh filtration
- Heavy-duty molded plastic with stainless steel screen
- Hanger tab standard on 3/8", 1/2" and 3/4"
- Choose black or clear filter cans

Part No.	Original No.	Description
40 Mesh Filters		
8.709-982.0	342105	Black, 3/8"
8.709-986.0	342110	Black, 1/2"
8.709-990.0	342115	Black, 3/4"
8.709-994.0	342120	Black, 1"
8.710-001.0	342150	Black, 1-1/4"
8.710-003.0	342155	Black, 1-1/2"
8.709-983.0	342106	Clear, 3/8"
8.709-987.0	342111	Clear, 1/2"
8.709-991.0	342116	Clear, 3/4"
8.709-996.0	342123	Clear, 1"
8.710-002.0	342151	Clear, 1-1/4"
8.710-004.0	342156	Clear, 1-1/2"

Part No.	Original No.	Description
80 Mesh Filters		
8.709-988.0	342112	Black, 1/2"
8.709-992.0	342117	Black, 3/4"
8.709-995.0	342122	Black, 1"
8.710-005.0	342158	Black, 1-1/4"
8.709-999.0	342147	Black, 1-1/2"
8.709-989.0	342113	Clear, 1/2"
8.709-993.0	342118	Clear, 3/4"
8.709-997.0	342125	Clear, 1"
8.710-006.0	342159	Clear, 1-1/4"
8.710-000.0	342149	Clear, 1-1/2"

Inline Can-Type Filter Parts - 3/8", 1/2", 3/4"

8.700-555.0	078202	Gasket
8.700-557.0	078204	Viton Gasket
8.700-559.0	078207	Bowl - Standard Black
8.700-560.0	078208	Bowl - Clear
8.700-565.0	078216	40 Mesh Screen
8.700-567.0	078220	80 Mesh Screen
8.932-949.0	078223	3/8" Top with Tab
8.700-569.0	078224	1/2" Top with Tab
8.700-570.0	078225	3/4" Top with Tab

Inline Can-Type Filter Parts - 1", 1-1/4", 1-1/2"

8.700-556.0	078203	Gasket
8.700-558.0	078205	Viton Gasket
8.700-566.0	078217	40 Mesh Screen 1"
8.700-575.0	078233	40 Mesh Screen 1-1/4"
8.700-576.0	078234	40 Mesh Screen 1-1/2"
8.700-568.0	078221	80 Mesh Screen 1"
8.700-577.0	078237	80 Mesh Screen 1-1/4"
8.700-578.0	078238	80 Mesh Screen 1-1/2"
8.700-571.0	078226	1" Filter Top
8.700-572.0	078227	1-1/4" Filter Top
8.700-573.0	078230	Bowl Black - 1", 1-1/4", 1-1/2"
8.700-574.0	078231	Bowl Clear - 1", 1-1/4", 1-1/2"

FILTERS

Inline ClearView Filter



- 8.710-145.0
- 8.710-146.0
- 8.710-147.0
- Stainless steel screen
- Combination 1/2" / 3/4" hose barb
- Weighted to hold at bottom of tank or source



Part No.	Original No.	Description
8.710-145.0	347091	3/8" NPT x 3/4" GH
8.710-147.0	347093	3/8" NPT x 3/4" GH w/ 1/4" Bypass
8.710-144.0	347090	1/2" NPT x 3/4" GH
8.710-146.0	347092	1/2" NPT x 3/4" GH w/ 1/4" Bypass

Y-Trap Strainer



- Brass bodies & cap
- FPT inlet & outlet
- Stainless steel 50 mesh cylinder screen
- 170 PSI max pressure
- 194°F max temperature



Part No.	Original No.	FPT
8.709-956.0	342004	1/4"
8.709-957.0	342006	3/8"
8.709-958.0	342007	1/2"
8.709-959.0	342008	3/4"
8.709-960.0	342009	1"

Check / Foot Valve

Includes backflow check and perforated screen, prevents damage to pump or control valves.



- Removable stainless steel screen
- Spring-loaded check valve
- Cast brass bodies
- FPT outlet

Part No.	Original No.	Description
8.709-388.0	310882	1/2" Foot Valve/ Check & Screen
8.709-389.0	310883	3/4" Brass Spring Check Valve
8.709-390.0	310884	1" Brass Spring Check Valve
8.709-391.0	310886	1-1/2" Brass Spring Check Valve
8.709-392.0	310888	2" Brass Spring Check Valve

ST35 / 35R Suction Foot Valve



- Stainless steel screen
- Combination 1/2" / 3/4" hose barb
- Weighted to hold at bottom of tank or source

Part No.	Original No.	Description
8.709-970.0	342021	With Check Valve
8.709-969.0	342020	Without Check Valve

Tank Screen / Strainer



- Stainless steel screen – 40 or 50 mesh
- PVC base – attaches to nipple or tubing
- Use for tank drain or chemical line

Part No.	Original No.	Mesh	FPT
8.710-008.0	342304	50	1/4"
8.710-010.0	342306	50	3/8"
8.710-011.0	342307	40	1/2"
9.802-162.0	342308	50	1/2"
8.710-013.0	342311	40	3/4"
8.710-014.0	342312	50	3/4"
8.710-015.0	342316	40	1"
8.710-016.0	342320	40	1-1/2"

Inline High Pressure Nozzle Filters

Protect your turbo nozzle from damage caused by debris in the water flow.



Part No.	Original No.	Material	Inlet	Outlet
8.709-978.0	342040	Brass	1/4" FPT	1/4" MPT
8.709-979.0	342042	Brass	1/4" QC	1/4" MPT
8.710-149.0	347097	416 SS	1/4" QC	1/4" MPT
8.710-150.0	347098	Brass	1/4" MPT	1/4" MPT
8.704-234.0	110595	Replacement filter for 342040/342042		
8.701-201.0	080115	Replacement filter for 347097/347098		

High Volume Filter & Parts

Molded Plastic Housing



- 3/4" FPT inlet & outlet
- 125 PSI max pressure
- 12 GPM max flow at 50 Micron
- 10 GPM max flow at 5 or 20 Micron
- Clear-View sump
- 14-1/2" tall x 5-1/2" port to port

Part No.	Original No.	Description
8.710-017.0	342375	Housing Only
8.905-569.0	565375X	Mounting Bracket/Hardware
8.700-581.0	078280	Replacement O-Ring

- Pleated polyester/polypropylene core
- Recommended for large flow, low pressure applications (up to 60 PSI)

Part No.	Orig. No.	Description
Ultra Fine Filter Elements		
8.710-019.0	342380	5 Micron, 10 GPM
8.710-020.0	342382	20 Micron, 10 GPM
8.710-021.0	342384	50 Micron, 12 GPM

- Recommended for maximum filtration with reduced flow requirements (up to 130 PSI)

Part No.	Orig. No.	Description
Synthetic String Wound Elements		
8.710-022.0	342387	5 Micron, 4 GPM
8.710-023.0	342389	20 Micron, 5 GPM
8.710-024.0	342391	50 Micron, 6 GPM

Fuel Filters

Inline – disposable



8.709-942.0



9.802-211.0

Part No.	Original No.	Description
9.802-211.0	341001	1/4" In/Out, Plastic
8.709-942.0	341002	1/4" In/Out, Metal
8.709-943.0	341003	3/8" In/Out, Plastic

Clear Bowl Fuel Filter



- Aluminum Housing
- Non-replaceable
- 120 Mesh SS Screen
- 1/4" x 1/4"
- Clear Acrylic Bowl

Part No.	Original No.	Description
8.709-948.0	341013	Complete Unit

Fuel Filter/Water Separator



- 10 micron filtration
- Spin-on convenience
- Water separation chamber
- 1/4" FPT inlet/outlet
- Easy drain water/sediment bowl

Part No.	Description
8.725-306.0	Complete Unit
8.725-307.0*	Element only

*Order 24 for a full case

Fuel Filter / Water Separator



The "Max" Fuel System Protector



- 10 micron filtration
- Spin-on convenience
- Water separation chamber
- 1/4" FPT inlet/outlet
- Easy drain water/sediment bowl

Part No.	Original No.	Description
9.802-212.0	341040	Complete Unit
8.709-953.0	341042	Element
8.700-552.0	078126	Metal Head
8.700-553.0	078127	Plastic Bowl

General Fuel Filter Element



- Can type
- 10 GPH max flow
- 10 micron filtration
- Inexpensive replacement
- Wool felt element

Part No.	Original No.	Description
8.709-950.0	341017	Element

Racor Filter Funnel



- 3.9 GPM
- Teflon Coated, Stainless Steel Filter
- Separates free water and contaminates from gasoline/diesel/kerosene

Part No.	Original No.	Description
8.709-955.0	341044	Racor Filter Funnel

NOZZLES

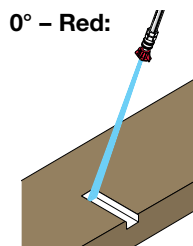
Nozzle Size Selection Chart

Determine the nozzle size by the pressure washer's GPM @ PSI (gallons per minute @ a specific pounds per square inch). If the nozzle size is too small, your equipment can be damaged. If the nozzle size is too large, cleaning ability is compromised. Nozzle fan degree does not effect nozzle size selection.

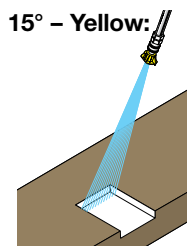
Standard Nozzle Size	Hole Size	Gallons Per Minute - GPM	Pounds Per Square Inch (PSI)																
			500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000
2	.034"/0.86mm		0.71	0.87	1.00	1.12	1.22	1.32	1.41	1.50	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24
2.5	.042"/1.07mm		0.88	1.08	1.25	1.40	1.53	1.65	1.77	1.88	1.98	2.07	2.17	2.25	2.34	2.42	2.50	2.65	2.80
3	.043"/1.09mm		1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.25	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35
3.5	.048"/1.22mm		1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.63	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91
4	.052"/1.32mm		1.41	1.73	2.00	2.24	2.45	2.65	2.83	3.00	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47
4.5	.055"/1.40mm		1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.38	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03
5	.057"/1.45mm		1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.75	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59
5.5	.060"/1.52mm		1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.13	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15
6	.062"/1.57mm		2.12	2.60	3.00	3.35	3.67	3.97	4.24	4.50	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71
6.5	.064"/1.63mm		2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.88	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27
7	.067"/1.70mm		2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.25	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83
7.5	.070"/1.78mm		2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.63	5.93	6.22	6.50	6.76	7.02	7.26	7.50	7.95	8.39
8	.072"/1.83mm		2.83	3.46	4.00	4.47	4.90	5.29	5.66	6.00	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94
8.5	.074"/1.88mm		3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.38	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50
9	.076"/1.93mm		3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.75	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06
9.5	.078"/1.98mm		3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.13	7.51	7.88	8.23	8.56	8.89	9.20	9.50	10.08	10.62
10	.080"/2.03mm		3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.50	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18
11	.083"/2.11mm		3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.25	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30
12	.087"/2.21mm		4.24	5.20	6.00	6.71	7.35	7.94	8.49	9.00	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42
12.5	.089"/2.26mm		4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.38	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98
13	.091"/2.31mm		4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.75	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53
15	.096"/2.44mm		5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.25	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77
20	.109"/2.77mm		7.07	8.66	10.00	11.18	12.25	13.23	14.14	15.00	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36
25	.125"/3.18mm		8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.75	19.76	20.73	21.65	22.53	23.39	24.21	25.00	26.52	27.95
30	.141"/3.58mm		10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.50	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54
40	.156"/3.96mm		14.14	17.32	20.00	22.36	24.49	26.46	28.28	30.00	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72
50	.172"/4.37mm		17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.50	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90
60	.188"/4.78mm		21.21	25.98	30.00	33.54	36.74	39.69	42.43	45.00	47.43	49.75	51.96	54.08	56.12	58.09	60.00	63.64	67.08

Nozzle Fan Selection

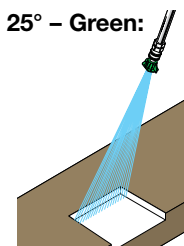
Select the nozzle degree, or spray angle, based on your application. Standard nozzle degrees – 0°, 15°, 25°, and 40°. Using the wrong nozzle degree can damage the surface you are cleaning.



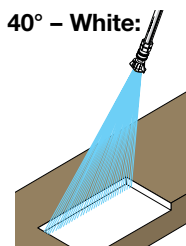
0° – Red:
Cutting nozzle. It delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.



15° – Yellow:
Chiseling nozzle. Working at a 45° angle, this nozzle works like a scraper, stripping paint, grease and grime from hard surfaces.



25° – Green:
Flushing nozzle. The most commonly used nozzle for cleaning dirt from siding, sidewalks and metal furniture as well as for wet sweeping leaves.



40° – White:
Wash nozzle. Its wide spray allows you to wash and rinse a large area fast. It is usually safe with most surfaces, including aluminum siding, windows and vehicles.

Legacy 4 & 5 Pack Color Coded QC Nozzle Kits



1/4" Nozzle Kits The 4 and 5 pack includes one 40 x 65° soap nozzle.

- Hardened SS one piece body for long life
- High impact, uniform, flat spray pattern
- Color coded by spray angle



Made in USA

4-Pack: 0°, 25°, 40°, Soap

Part No.	Nozzle Size
8.726-117.0	3.0
9.104-028.0	3.25
8.726-119.0	3.5
8.726-120.0	4.0
8.726-121.0	4.5
8.726-122.0	5.0
8.726-123.0	5.5
8.726-124.0	6.0
8.726-125.0	6.5

5-Pack: 0°, 15°, 25°, 40°, Soap

Part No.	Nozzle Size
9.104-024.0	3.0
9.104-016.0	3.25
8.726-128.0	3.5
9.104-030.0	4.0
8.726-130.0	4.5
8.726-131.0	5.0
8.726-132.0	5.5
8.726-133.0	6.0
8.726-134.0	6.5

QC Soap Nozzle included in the 5 pack

Legacy Individual 1/4" QC Nozzles



"QC", Color Coded, Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 PSI.



Made in USA

QC Nozzles

Orifice	0° (Red) Part No	15° (Yellow) Part No	25° (Green) Part No	40° (White) Part No
3.0	8.723-576.0	8.902-482.0	8.902-484.0	8.902-485.0
3.25	8.708-538.0	8.708-539.0	8.708-540.0	8.708-541.0
3.5	8.723-577.0	8.726-104.0	8.708-526.0	8.902-487.0
3.75	8.708-527.0	8.708-528.0	8.708-529.0	8.708-530.0
4.0	8.708-531.0	8.708-532.0	8.708-533.0	8.708-534.0
4.5	8.723-578.0	8.708-535.0	8.708-536.0	8.708-537.0
5.0	8.726-105.0	8.726-106.0	8.726-107.0	8.726-108.0
5.5	8.723-579.0	8.902-492.0	8.708-542.0	8.902-493.0
6.0	8.726-109.0	8.726-110.0	8.726-111.0	8.726-112.0
6.5	8.726-113.0	8.726-114.0	8.726-115.0	8.726-116.0

QC Soap Nozzle



Part No.	Orifice	Degree
8.723-636.0	40	65°

NOZZLES

4 & 5 Pack Color Coded QC Nozzle Sets



Nozzle Sets, contain a complete set of 4 or 5 quick coupler nozzles 0°, 15°, 25°, and 40°. The 5 pack includes one 40 x 65° soap nozzle.

4-Pack

Part No.	Original No.	Nozzle Size
8.708-712.0	259700	3.5
8.708-713.0	259701	4.0
8.708-714.0	259702	4.5
8.708-715.0	259703	5.0
8.708-716.0	259704	5.5
8.708-717.0	259705	6.0
8.708-718.0	259706	6.5

5-Pack

Part No.	Original No.	Nozzle Size
9.104-014.0	259710	3.5
8.708-721.0	259711	4.0
9.104-015.0	259712	4.5
8.708-723.0	259713	5.0
8.708-724.0	259714	5.5
8.708-725.0	259715	6.0
8.708-726.0	259716	6.5

General Pump Nozzles



Q-Style Nozzle

"QC", Color Coded, Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 PSI.

Orifice	0°		15°		25°		40°	
	Part No	Orig. No	Part No	Orig. No	Part No	Orig. No	Part No	Orig. No
3.0	9.802-287.0	259610	9.802-288.0	259611	9.802-289.0	259612	8.932-998.0	259613
3.5	9.802-291.0	259615	9.802-292.0	259616	9.802-293.0	259617	9.802-294.0	259618
4.0	9.802-295.0	259620	9.802-296.0	259621	9.802-297.0	259622	9.802-298.0	259623
4.5	9.803-810.0	259625	9.803-811.0	259626	9.803-812.0	259627	9.803-813.0	259628
5.0	9.802-299.0	259630	9.802-300.0	259631	9.802-301.0	259632	9.802-302.0	259633
5.5	9.802-303.0	259635	9.802-304.0	259636	9.802-305.0	259637	9.802-306.0	259638
6.0	9.802-307.0	259640	9.802-308.0	259641	9.802-309.0	259642	9.802-310.0	259643
6.5	8.708-681.0	259645	8.708-682.0	259646	8.708-683.0	259647	8.708-684.0	259648
7.0	9.803-800.0	259650	9.803-801.0	259651	9.803-802.0	259652	9.803-803.0	259653
7.5	8.708-689.0	259655	8.708-690.0	259656	8.708-691.0	259657	8.708-692.0	259658
8.0	8.708-693.0	259660	8.708-694.0	259661	8.708-695.0	259662	8.708-696.0	259663
8.5	8.708-697.0	259665	8.708-698.0	259666	8.708-699.0	259667	8.708-700.0	259668
9.0	8.708-701.0	259670	8.708-702.0	259671	8.708-703.0	259672	8.708-704.0	259673
10.0	8.708-705.0	259675	8.708-706.0	259676	8.708-707.0	259677	8.708-708.0	259678



M-Style
1/4" Male Threads

Orifice	0°		15°		25°		40°	
	Part No	Orig. No	Part No	Orig. No	Part No	Orig. No	Part No	Orig. No
3.0	8.708-572.0	259100	8.708-573.0	259101	8.708-574.0	259102	8.708-575.0	259103
3.5	8.708-576.0	259104	8.708-577.0	259105	8.708-578.0	259106	8.708-579.0	259107
4.0	8.708-580.0	259108	8.708-581.0	259109	8.708-582.0	259110	8.708-583.0	259111
4.5	8.708-584.0	259112	8.708-585.0	259113	8.708-586.0	259114	8.708-587.0	259115
5.0	8.708-588.0	259116	8.708-589.0	259117	8.708-590.0	259118	8.708-591.0	259119
5.5	8.708-592.0	259120	8.708-593.0	259121	8.708-594.0	259122	8.708-595.0	259123
6.0	8.708-596.0	259125	8.708-597.0	259126	8.708-598.0	259127	8.708-599.0	259128
6.5	8.708-600.0	259130	8.708-601.0	259131	8.708-602.0	259132	8.708-603.0	259133
7.0	8.708-604.0	259135	8.708-605.0	259136	8.708-606.0	259137	8.708-607.0	259138
7.5	8.708-608.0	259140	8.708-609.0	259141	8.708-610.0	259142	8.708-611.0	259143
8.0	8.708-612.0	259145	8.708-613.0	259146	8.708-614.0	259147	8.708-615.0	259148
8.5	8.708-616.0	259150	8.708-617.0	259151	8.708-618.0	259152	8.708-619.0	259153
9.0	8.708-620.0	259155	8.708-621.0	259156	8.708-622.0	259157	8.708-623.0	259158
10.0	8.708-624.0	259160	8.708-625.0	259161	8.708-626.0	259162	8.708-627.0	259163



Q-Style Chemical Nozzle

Q-Style Chemical Nozzles, are brass with a large #40 orifice and 65° spray angle. Ideal for low pressure chemical applications.

Part No.	Orig. No.	Orifice	Degree
9.802-311.0	259690	40	65°
8.708-711.0	259695	50	15°



Nozzle Holder Grommet

Part No.	Orig. No.	Description
8.710-343.0	349917	Grommets - 7/16" x 15/16" x 3/8"
9.802-064.0		Grommets

Spraying Systems Nozzles



1/4" Male Threads

1/4" male pipe thread meg nozzles, rated up to 4000 PSI. Hardened stainless steel nozzle insures consistent, accurate orifice size.

- Orifice recessed for protection
- 4000 PSI rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

Orifice	0° Part No	0° Orig. No	15° Part No	15° Orig. No	25° Part No	25° Orig. No	40° Part No	40° Orig. No
2.0	8.707-637.0	251100	8.707-640.0	251105	8.707-643.0	251110	8.707-648.0	251115
2.5	8.707-646.0	251113	8.707-650.0	251116	8.707-653.0	251119	-	-
3.0	8.707-655.0	251120	8.707-657.0	251125	8.707-659.0	251130	8.707-661.0	251135
3.5	8.707-662.0	251140	8.707-664.0	251145	8.707-666.0	251150	8.707-667.0	251155
4.0	8.707-669.0	251160	8.707-671.0	251161	8.707-673.0	251165	8.707-675.0	251170
4.5	8.707-678.0	251175	8.707-679.0	251180	8.707-680.0	251185	8.707-681.0	251190
5.0	8.707-683.0	251195	8.707-686.0	251200	8.707-688.0	251205	8.707-691.0	251210
5.5	8.707-694.0	251215	8.707-695.0	251220	8.707-697.0	251225	8.707-698.0	251230
6.0	8.707-700.0	251235	8.707-702.0	251240	8.707-703.0	251245	8.707-705.0	251250
6.5	8.707-708.0	251255	8.707-710.0	251260	8.707-711.0	251265	8.707-712.0	251270
7.0	8.707-713.0	251275	8.707-715.0	251280	8.707-716.0	251285	8.707-717.0	251290
7.5	8.707-718.0	251300	8.707-719.0	251305	8.707-721.0	251310	8.707-722.0	251315
8.0	8.707-723.0	251320	8.707-726.0	251325	8.707-727.0	251330	8.707-729.0	251335
8.5	8.707-734.0	251340	8.707-735.0	251345	8.707-736.0	251350	8.707-738.0	251355
9.0	8.707-739.0	251360	8.707-741.0	251365	8.707-743.0	251370	8.707-746.0	251375
10.0	8.707-747.0	251380	8.707-751.0	251385	8.707-754.0	251390	8.707-756.0	251395
11.0	8.707-760.0	251400	8.707-761.0	251405	8.707-762.0	251410	8.707-763.0	251415
12.0	8.707-764.0	251420	8.707-766.0	251425	8.707-767.0	251430	8.707-768.0	251435
12.5	8.707-769.0	251440	8.707-770.0	251445	8.707-771.0	251450	8.707-772.0	251455
13.0	8.707-773.0	251460	8.707-774.0	251465	8.707-776.0	251470	8.707-778.0	251475
15.0	8.707-782.0	251480	8.707-787.0	251485	8.707-789.0	251490	8.707-790.0	251495
20.0	8.707-795.0	251500	8.707-800.0	251505	8.707-802.0	251510	8.707-804.0	251515
25.0	8.707-807.0	251520	8.707-811.0	251525	8.707-812.0	251530	8.707-813.0	251535
30.0	8.707-814.0	251540	8.707-817.0	251545	8.707-818.0	251550	8.707-819.0	251555
40.0	8.707-821.0	251560	8.707-824.0	251565	8.707-826.0	251570	8.707-827.0	251575
50.0	8.707-828.0	251580	8.707-830.0	251585	8.707-832.0	251590	8.707-833.0	251595
60.0	8.707-834.0	251600	8.707-835.0	251605	8.707-837.0	251610	8.707-838.0	251615



1/8" Male Threads

1/8" male pipe thread meg nozzles, rated up to 4000 PSI. Hardened stainless steel nozzle insures consistent, accurate orifice size.

- Orifice recessed for protection
- 4000 PSI rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

Orifice	0° Part No	0° Orig. No	15° Part No	15° Orig. No	25° Part No	25° Orig. No	40° Part No	40° Orig. No
2.0	8.707-529.0	250100	8.707-536.0	250105	8.707-537.0	250110	8.707-538.0	250115
3.0	8.707-540.0	250120	8.707-542.0	250125	8.707-543.0	250130	8.707-544.0	250135
3.5	-	-	8.707-545.0	250137	8.707-546.0	250138	-	-
4.0	8.707-547.0	250140	8.707-549.0	250145	8.707-550.0	250150	8.707-551.0	250155
4.5	8.707-552.0	250160	8.707-554.0	250165	8.707-556.0	250170	8.707-557.0	250175
5.0	8.707-558.0	250180	8.707-559.0	250185	8.707-561.0	250190	8.707-564.0	250195
5.5	8.707-567.0	250200	8.707-568.0	250205	8.707-569.0	250210	8.707-570.0	250215
6.0	8.707-571.0	250220	8.707-572.0	250225	8.707-573.0	250230	8.707-575.0	250235
6.5	8.707-577.0	250240	8.707-578.0	250245	8.707-579.0	250250	8.707-581.0	250255
7.0	8.707-582.0	250260	8.707-584.0	250265	8.707-585.0	250270	8.707-586.0	250275
7.5	8.707-588.0	250280	8.707-589.0	250285	8.707-591.0	250290	8.707-592.0	250295
8.0	8.707-593.0	250300	8.707-594.0	250305	8.707-595.0	250310	8.707-596.0	250315
8.5	8.707-598.0	250320	8.707-599.0	250325	8.707-600.0	250330	8.707-601.0	250335
9.0	8.707-602.0	250340	8.707-604.0	250345	8.707-605.0	250350	8.707-607.0	250355
9.5	-	-	8.707-609.0	250365	8.707-610.0	250370	8.707-611.0	250375
10.0	8.707-612.0	250380	8.707-613.0	250385	8.707-614.0	250390	8.707-616.0	250395
11.0	8.707-618.0	250400	8.707-619.0	250405	8.707-620.0	250410	-	-
12.0	8.707-621.0	250420	-	-	-	-	8.707-623.0	250435
15.0	8.707-625.0	250440	8.707-626.0	250445	8.707-627.0	250450	-	-
20.0	8.707-628.0	250500	-	-	-	-	-	-

NOZZLES

Spraying Systems Nozzles



QC "Wash Jet" Nozzle
Color Coded Nozzle Protector

"QC" or Quick Connect Hardened Stainless Meg Nozzle, fits most 1/4" quick couplers.
Rated for 4000 PSI.

- 4000 PSI
- Flow rated tolerance of $\pm 2\%$
- Hardened SS
- 300°F
- Fits Hansen and Parker quick-couplers

Orifice Part No	0° Red Orig. No	0° Red Part No	15° Yellow Orig. No	15° Yellow Part No	25° Green Orig. No	25° Green Part No	40° White Orig. No	40° White Part No
3.0	8.708-417.0	255120	8.708-418.0	4-12803015S	8.708-419.0	255140	8.708-420.0	4-12803040S
3.5	8.708-422.0	4-12803500S	8.708-423.0	4-12803515S	8.708-424.0	4-12803525S	8.708-425.0	4-12803540S
4.0	8.708-427.0	255160	8.708-428.0	255161	8.708-429.0	255165	8.708-430.0	255170
4.5	8.708-431.0	255175	8.708-432.0	255180	8.708-433.0	255185	8.708-434.0	255190
5.0	8.708-435.0	255195	8.708-436.0	255200	8.708-437.0	255205	8.708-438.0	255210
5.5	8.708-439.0	255215	8.708-440.0	255220	8.708-441.0	255225	8.708-442.0	255230
6.0	8.708-443.0	255235	8.708-444.0	255240	8.708-445.0	255245	8.708-446.0	255250
6.5	8.708-447.0	255255	8.708-448.0	255260	8.708-449.0	255265	8.708-450.0	255270
7.0	8.708-451.0	255275	8.708-452.0	255280	8.708-453.0	255285	8.708-454.0	255290
7.5	8.708-455.0	255300	8.708-456.0	255305	8.708-457.0	255310	8.708-458.0	255315
8.0	8.708-459.0	255320	8.708-460.0	255325	8.708-461.0	255330	8.708-462.0	255335
9.0	-	-	8.708-463.0	255365	8.708-464.0	255370	8.708-465.0	255375
10.0	8.708-467.0	255380	8.708-468.0	255385	8.708-469.0	255390	8.708-470.0	255395
12.0	8.708-471.0	255420	8.708-472.0	255425	8.708-473.0	255430	8.708-474.0	255435

Brass Nozzles for Low Pressure Applications



1/4" Male Threads

1/4" male pipe thread Vee Jet nozzles, brass inexpensive alternative for applications up to 500 PSI.

- Feather edge for wide coverage
- Allows overlap for even application
- Excellent for low pressure chemical & acid applications
- 1/4" MPT connects

Nozzle Size	0° Part No.	0° Orig No	15° Part No.	15° Orig No	25° Part No.	25° Orig No	40° Part No.	40° Orig No	50° Part No.	50° Orig No	65° Part No.	65° Orig No
15	8.708-203.0	254260B	8.708-204.0	254261B	8.708-206.0	254262B	8.708-208.0	254264B	8.708-210.0	254265B	8.708-212.0	254266B
20	8.708-218.0	254270B	8.708-222.0	254271B	8.708-225.0	254272B	8.708-228.0	254274B	8.708-230.0	254275B	8.708-232.0	254276B
30	8.708-242.0	254290B	8.708-244.0	254291B	8.708-246.0	254292B	8.708-249.0	254294B	8.708-251.0	254295B	8.708-253.0	254296B
40	8.708-258.0	254300B	8.708-260.0	254301B	8.708-262.0	254302B	8.708-264.0	254304B	8.708-266.0	254305B	8.708-268.0	254306B
50	8.708-275.0	254310B	8.708-277.0	254311B	8.708-279.0	254312B	8.708-280.0	254314B	8.708-282.0	254315B	8.708-284.0	254316B
60	8.708-289.0	254320B	8.708-290.0	254321B	8.708-292.0	254322B	8.708-294.0	254324B	8.708-296.0	254325B	8.708-297.0	254326B
70	8.708-302.0	254330B	8.708-304.0	254331B	8.708-306.0	254332B	8.708-308.0	254334B	8.708-309.0	254335B	8.708-310.0	254336B

Broad Spray Stainless Steel Nozzles



1/4" Male Threads

1/4" male pipe thread 303 stainless steel Vee Jet nozzles, low to medium volume up to 500 PSI medium pressure/special application PSI.

Nozzle Size	Equiv. Orifice Dia	50° Part No	50° Orig No	65° Part No.	65° Orig No	80° Part No.	80° Orig No	95° Part No.	95° Orig No	110° Part No.	110° Orig No
1.0	.026	8.708-074.0	254105	8.708-075.0	254106	8.708-076.0	254107	8.708-078.0	254108	8.708-079.0	254109
1.5	.031	8.708-085.0	254115	8.708-086.0	254116	8.708-087.0	254117	8.708-089.0	254118	8.708-090.0	254119
2.0	.036	8.708-095.0	254125	8.708-096.0	254126	8.708-097.0	254127	8.708-099.0	254128	8.708-101.0	254129
3.0	.043	8.708-108.0	254135	8.708-109.0	254136	8.708-110.0	254137	8.708-112.0	254138	8.708-114.0	254139
4.0	.047	8.708-121.0	254145	8.708-122.0	254146	8.708-123.0	254147	8.708-125.0	254148	8.708-127.0	254149
5.0	.053	8.708-133.0	254155	8.708-134.0	254156	8.708-136.0	254157	8.708-138.0	254158	8.708-140.0	254159
6.0	.058	8.708-148.0	254175	8.708-149.0	254176	8.708-151.0	254177	8.708-155.0	254178	8.708-157.0	254179
7.0	.063	8.708-162.0	254195	8.708-163.0	254196	8.708-164.0	254197	-	-	8.708-165.0	254199
8.0	.067	8.708-172.0	254215	8.708-173.0	254216	8.708-175.0	254217	8.708-177.0	254218	8.708-179.0	254219

Tip-Jet Nozzle System – Tips & Components



Tip-Jet Tips

- Neat & simple tip change
- Hardened stainless steel tips with vanes
- Strainers available
- Body components available in brass, zinc-plated steel or stainless steel
- Rated to 4000 PSI

“Tip-Jet” Nozzle Systems are versatile nozzling systems for everyday or specialized applications. Flat spray, full cone, hollow cone & solid stream patterns, metering orifices and atomizing tips are all available in the Tip-Jet system. Capacities range from .55 to 20 GPM.

Orifice Size	0° Part No.	0° Orig. No.	15° Part No.	15° Orig. No.	25° Part No.	25° Orig. No.	40° Part No.	40° Orig. No.
3.0	8.708-016.0	253316	8.708-017.0	253317N	8.708-018.0	253318	–	–
4.0	8.708-019.0	253330	8.708-020.0	253331	8.708-021.0	253332	8.708-022.0	253333
4.5	8.708-023.0	253338	8.708-024.0	253339	8.708-025.0	253340	8.708-026.0	253341
5.0	8.708-027.0	253346	8.708-028.0	253348	8.708-029.0	253349	8.708-030.0	253350
5.5	8.708-031.0	253355	8.708-032.0	253357	8.708-033.0	253358	8.708-034.0	253359
6.0	8.708-035.0	253365	8.708-036.0	253367	8.708-037.0	253368	8.708-038.0	253369
6.5	8.708-039.0	253375	–	–	8.708-040.0	253377	8.708-041.0	253378
7.0	8.708-042.0	253383	8.708-043.0	253385	8.708-044.0	253386	8.708-045.0	253387
7.5	8.708-046.0	253392	8.708-047.0	253393	8.708-048.0	253394	8.708-049.0	253395
8.0	8.708-050.0	253400	8.708-051.0	253401	8.708-052.0	253402	8.708-053.0	253403
9.0	8.708-054.0	253415	8.708-055.0	253416	8.708-056.0	253417	8.708-057.0	253418
10.0	8.708-058.0	253456	8.708-059.0	253457	8.708-060.0	253458	8.708-061.0	253459



Tip-Jet Nozzle Bodies, MPT inlet connections in 1/4", 3/8" and 1/2" sizes. All outlet connections are 11/16" - 16 male thread to fit Tip-Jet tip retainers and adapters.

Part No.	Orig. No.	Material, MPT-1/4"
8.707-886.0	252511	Nylon
8.707-898.0	252640B	Brass
8.707-899.0	252642	Stainless Steel
8.707-916.0	252861P	Polypropylene

Tip-Jet Nozzle Bodies



Tip-Jet Adapter Caps

Tip-Jet Adapter Caps, similar to tip retainers, but have FPT connections for in-line applications.

Part No.	Orig. No.	Material, MPT
8.707-919.0	252878B	Brass, 1/8"
8.707-921.0	252880B	Brass, 1/4"
8.707-922.0	252881	SS, 1/4"



Tip-Jet Retainer Caps

Tip-Jet Retainer Caps, fits all Tip-Jet nozzle bodies, holds spray tips and metering orifices firmly in place.

Part No.	Orig. No.	Material, MPT
8.707-915.0	252858B	Brass, Hex
8.707-918.0	252875	Plated Steel, Hex
8.707-888.0	252565	SS, Hex



Tip Retainer 18 mm Thread, Fits vent grip lance, See tip jet nozzles in nozzle section

Part No.	Orig. No.	Description
8.710-901.0	373065	Tip Retainer



Tip-Jet Strainers

Tip-Jet Strainers, fit into nozzle body cavity to stop nozzle clogging. Brass with stainless steel mesh.

Part No.	Orig. No.	Material, MPT
8.707-894.0	252627	50 Mesh
8.707-895.0	252629	100 Mesh
8.707-896.0	252631	200 Mesh

Soft Edge & Hard Edge Nozzle Protector



Ideal for protecting sensitive surfaces against damage! Hard plastic body is stable enough to tightly hold nozzle adapter for heavy-duty use.

- 1/4" FPT inlet / outlet
- 300°F

Part No.	Description
8.723-668.0	ST-10 Zinc Plated Nozzle Adapter
8.723-669.0	ST-10 Stainless Steel Adapter

Soap Nozzles



“Black” Soap Nozzles, are brass with a large #40 orifice. Ideal for low pressure chemical applications.

Part No.	Original No.	Size	Nozzle Degree
8.708-478.0	255905B	40	25°
8.708-479.0	255920B	40	65°

Rosebud Nozzle Guard

Molded Rubber Guard which fits tightly around the nozzle to protect the nozzle and painted surfaces.



- 1/8" MEG

Part No.	Original No.	Description
8.710-870.0	373012	Nozzle Guard

NOZZLES

Dirt Killer Rotating Nozzle

4700 maximum PSI, a popular model providing great impact and cleaning power.



- 180°F maximum temperature
- 1/4" inlet

8.712-429.0

Part No.	Original No.	Orifice	PSI
8.712-429.0	4-20091	045	3200
8.701-160.0	4-200910	Repair Kit	
8.740-148.0	4-20092	055	4700
8.701-161.0	4-200920	Repair Kit	

Rotojet Soft - Hard Rotating Nozzle

Offers the cleaning efficiency of a hi-pressure rotating nozzle with the feature of changing from a hard spray for concrete to a soft spray for wood by simply pushing or pulling the finger protected nozzle.



8.711-054.0

- 3600 PSI

Part No.	Orig No.	Orifice
8.711-052.0	374245	030
8.711-053.0	374246	035
8.711-054.0	374247	040
8.711-055.0	374248	045

MV Triple Function Nozzle

Provides three cleaning options, Low pressure for soap or chemical application, a 15° angle for hi pressure cleaning and a rotating nozzle for maximum cleaning efficiency.



8.711-068.0

- 3000 PSI

Part No.	Orig No.	Orifice
8.711-067.0	374291	035
8.711-068.0	374292	040

Lance Nozzle Couplers

Changes MPT Lance to FPT for Mounting MPT Nozzles.



Part No.	Original No.	Description
Brass		
8.705-150.0	140452	1/8" x 1/8"
8.705-155.0	140502	1/4" x 1/8"
8.705-151.0	140454	1/4" x 1/4"
Steel		
8.710-713.0	368903	1/8" X 1/8"
8.710-712.0	368902	1/4" x 1/8"
8.710-714.0	368904	1/4" x 1/4"

Rotomax Rotating Nozzle 3500 & 5800 PSI



- Up to 5800 PSI max pressure
- 1/4" FPT inlet
- 176°F max temperature
- Weight 9 oz
- Replaceable SS orifices

Part No.	Original No.	Description	PSI	Std Nozzle Equiv
8.711-035.0	374205	Rotomax I	3500	4.5
8.711-036.0	374210	Rotomax II	3500	5.5
8.711-037.0	374215	Rotomax III	3500	6.5
8.711-038.0	374216	Rotomax 401	5800	4.5
8.711-039.0	374217	Rotomax 403	5800	6.5
8.701-532.0	084400X	Repair Kit		

Viper Rotating Nozzle



- 5000 PSI max pressure
- 190°F max temperature
- 1/4" FPT inlet
- Weight 1.0 oz

Part No.	Original No.	Description	PSI	Std Nozzle Equiv
8.711-000.0	374126	Viper	5000	4.5
8.711-001.0	374127	Viper	5000	5.5
8.701-163.0	080004	Repair Kit	5000	4.5
8.701-166.0	080006	Repair Kit	5000	5.5

MV Hi-Lo Turbo Nozzle



Combines the power of a 0° stream and a 20° wide angle spray pattern to improve cleaning. Hi-Lo pressure feature eliminates changing to a low pressure nozzle for soap and chemical application.



8.711-071.0

- 2500 PSI

Part No.	Original No.	Orifice
8.723-838.0	374293	025
8.711-069.0	374294	030
8.711-070.0	374295	035
8.711-071.0	374296	040

Rotojet 2000

Economy Turbo Nozzle.



- Great for economy washers
- 2000 PSI max pressure
- 1/4" FPT inlet
- 140°F max temperature
- 5.4 oz weight

Part No.	Original No.	Size	Color
8.711-026.0	374175	3.0	Yellow
8.711-027.0	374176	3.5	Black
8.711-028.0	374177	4.0	Blue

The Legacy REVOLUTION Turbo

Legacy is proud to offer the Revolution rotary nozzle. This turbo rotary nozzle is rated for up to 4350 PSI at 185°F. Turning at an astounding 4000 RPM, the Revolution delivers faster and deeper cleaning action for the same price of 3000 PSI rotary nozzles.

Legacy

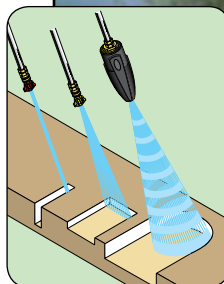


With the Legacy Revolution rotary nozzle you get:

- **Greater Cleaning Power:** The Revolution is engineered to increase the impact pressure by more than 10 times that of conventional nozzles!
- **Longer Operating Life:** The Revolution's operating life is extended significantly by its wear-resistant ceramic nozzle and bearing ring.
- **More Durable and Versatile:** The Revolution features an extra-resilient housing protector and is capable of handling a stream of up to 4350 PSI at 185°F.

Nozzle Part No.	Original No.	Orifice	PSI
9.302-242.0	374231	3.5	4350
9.302-243.0	374232	4.0	4350
9.302-244.0	374233	4.5	4350
9.302-245.0	374234	5.0	4350
9.302-246.0	374235	5.5	4350
9.302-247.0	374236	6.5	4350
9.302-248.0	374237	7.0	4350
9.302-249.0	374238	10.0	4350

Repair Kit			
Nozzle Part No.	Original No.	Orifice	PSI
2.884-972.0	079920	3.5	
2.883-824.0	079921	4.0	
9.302-231.0	079922	4.5	
2.883-823.0	079923	5.0	
2.883-822.0	079924	5.5	
9.302234.0	079925	6.5	
2.884-974.0	079926	7.0	
2.884-975.0	079927	10.0	



Legacy's Revolution gives you the best of both worlds: the deep cleaning impact of a 0-degree nozzle and the fast cleaning of a wide-coverage fan spray nozzle

NOZZLES

Turbo Nozzles



A+ Revolution Turbo Nozzle is rated for up to 5100 PSI at 212°F. **High Impact Nozzle at unbelievable Pricing!**

- Forged Brass
- Precision ceramic
- Durable rubber cover



3000 PSI

Nozzle Part No.	Orifice
3000 PSI	
8.726-056.0	3.5
8.726-057.0	4.0
8.726-058.0	4.5
8.726-059.0	5.0
8.726-060.0	5.5
8.726-061.0	6.0



4000 PSI

Nozzle Part No.	Orifice
4000 PSI	
8.726-068.0	3.5
8.726-069.0	4.0
8.726-070.0	4.5
8.726-071.0	5.0
8.726-072.0	5.5
8.726-073.0	6.0



5100 PSI

Nozzle Part No.	Orifice
5100 PSI	
8.726-080.0	3.5
8.726-081.0	4.0
8.726-082.0	4.5
8.726-083.0	5.0
8.726-084.0	5.5
8.726-085.0	6.0

Repair Kit Part No.	Orifice
3000 PSI	
8.726-062.0	3.5
8.726-063.0	4.0
8.726-064.0	4.5
8.726-065.0	5.0
8.726-066.0	5.5
8.726-067.0	6.0

Repair Kit Part No.	Orifice
4000 PSI	
8.726-074.0	3.5
8.726-075.0	4.0
8.726-076.0	4.5
8.726-077.0	5.0
8.726-078.0	5.5
8.726-079.0	6.0

Repair Kit Part No.	Orifice
5100 PSI	
8.726-086.0	3.5
8.726-087.0	4.0
8.726-088.0	4.5
8.726-089.0	5.0
8.726-090.0	5.5
8.726-091.0	6.0

Rotojet 3700 / Rotojet 5800



0° Impact, 25° pattern, no gears – no teeth – no bearings. Exclusive design of the Rotojet 3700 / Rotojet 5800 eliminates start up impact and damage to internal nozzle.

- High strength forged brass
- Precision ceramic orifice and matching race
- Durable rubber/ plastic cover
- 1/4" FNPT

3000 PSI Part No.	Orig No	Size	PSI
8.711-002.0	374130	3.0	3700
8.711-003.0	374131	3.5	3700
8.711-005.0	374134	4.0	3700

3000 PSI Part No.	Orig No	Size	PSI
8.711-004.0	374132	4.5	3700
8.711-006.0	374135	5.0	3700

3000 PSI Part No.	Orig No	Size	PSI
8.711-008.0	374137	5.5	3700
8.711-007.0	374136	6.0	3700

Rotojet 3700 PSI

- 190°F

Must start with nozzle pointed down



Repair Kit Part No.	Orig No	Size	PSI
8.704-039.0	109297	3.0	3700
8.704-038.0	109296	3.5	3700
8.704-040.0	109298	4.0	3700

Repair Kit Part No.	Orig No	Size	PSI
8.704-041.0	109299	4.5	3700
8.704-042.0	109300	5.0	3700

Repair Kit Part No.	Orig No	Size	PSI
8.704-043.0	109301	5.5	3700
8.704-044.0	109302	6.0	3700

5000 PSI Part No.	Orig No	Size	PSI
8.711-009.0	374142	3.0	5800
8.711-010.0	374143	3.5	5800
8.711-011.0	374144	4.0	5800
8.711-012.0	374145	4.5	5800
8.711-013.0	374146	5.0	5800

5000 PSI Part No.	Orig No	Size	PSI
8.711-014.0	374148	5.5	5800
8.711-015.0	374150	6.0	5800
8.711-016.0	374151	6.5	5800
8.711-017.0	374153	7.0	5800
8.711-018.0	374156	8.0	5800

5000 PSI Part No.	Orig No	Size	PSI
8.711-019.0	374158	9.0	5800
8.711-020.0	374160	10.0	5800
8.711-023.0	374162	11.0	5800
8.711-021.0	374161	12.0	5800

Rotojet 5800 PSI

- 200°F

Repair Kit Part No.	Orig No	Size	PSI
8.704-065.0	109428	3.0	5800
8.704-066.0	109429	3.5	5800
8.704-067.0	109430	4.0	5800
8.704-068.0	109431	4.5	5800
8.704-069.0	109432	5.0	5800

Repair Kit Part No.	Orig No	Size	PSI
8.704-070.0	109433	5.5	5800
8.704-071.0	109434	6.0	5800
8.704-072.0	109435	6.5	5800
8.704-073.0	109436	7.0	5800
8.704-074.0	109437	8.0	5800

Repair Kit Part No.	Orig No	Size	PSI
8.704-075.0	109438	9.0	5800
8.704-076.0	109439	10.0	5800
8.704-077.0	109440	11.0	5800
8.704-078.0	109441	12.0	5800

Turbo Nozzle

Provides great impact and cleaning power



8.711-098.0



8.711-088.0

Part No.	Orig No.	Orifice	PSI
8.711-105.0	374369	3.0	3650
8.711-097.0	374361	3.5	3650
8.711-098.0	374362	4.0	3650
8.711-099.0	374363	4.5	3650
8.711-100.0	374364	5.0	3650

Part No.	Orig No.	Orifice	PSI
8.711-101.0	374365	5.5	3650
8.711-102.0	374366	6.0	3650
8.711-096.0	374360	6.5	3650
8.711-103.0	374367	7.0	3650
8.711-104.0	374368	8.0	3650

Part No.	Orig No.	Orifice	PSI
8.711-086.0	374350	3.0	5100
8.711-087.0	374351	3.5	5100
8.711-088.0	374352	4.0	5100
8.711-089.0	374353	4.5	5100
8.711-090.0	374354	5.0	5100

Part No.	Orig No.	Orifice	PSI
8.711-091.0	374355	5.5	5100
8.711-092.0	374356	6.0	5100
8.711-093.0	374357	6.5	5100
8.711-094.0	374358	7.0	5100
8.711-095.0	374359	8.0	5100

Turbo Nozzle Repair Kits (for 3650 and 5100 PSI)

Part No.	Description
8.749-912.0	Repair Kit YR51K30
8.749-913.0	Repair Kit YR51K35
8.749-914.0	Repair Kit YR51K40
8.749-915.0	Repair Kit YR51K45
8.749-916.0	Repair Kit YR51K50
8.749-917.0	Repair Kit YR51K55
8.749-918.0	Repair Kit YR51K60
8.749-919.0	Repair Kit YR51K65
8.749-920.0	Repair Kit YR51K70
8.749-921.0	Repair Kit YR51K80

Suttner Turbo Nozzles



ST-357 -
3600 PSI



ST-457 -
5800 PSI

- Forged brass
- Precision ceramic orifice
- Rubber cover/ protector
- 190°F

Part No.	Orig No	Size	PSI
8.710-986.0	374103	3.0	3600
8.710-987.0	374104	3.5	3600
8.710-989.0	374106	4.0	3600

Part No.	Orig No	Size	PSI
8.710-988.0	374105	4.5	3600
8.710-991.0	374107	5.0	3600

Part No.	Orig No	Size	PSI
8.710-993.0	374109	5.5	3600
8.710-992.0	374108	6.0	3600

ST-357 Repair Kit	Orig No	Size	PSI
8.701-570.0	085458	3.0	3600
8.701-569.0	085457	3.5	3600
8.701-564.0	085452	4.0	3600

ST-357 Repair Kit	Orig No	Size	PSI
8.701-562.0	085449	4.5	3600
8.701-565.0	085453	5.0	3600

ST-357 Repair Kit	Orig No	Size	PSI
8.701-568.0	085456	5.5	3600
8.701-566.0	085454	6.0	3600

Part No.	Orig No	Size	PSI
8.711-072.0	374300	3.0	6000
8.711-073.0	374301	3.5	6000
8.711-074.0	374302	4.0	6000
8.711-075.0	374303	4.5	6000

Part No.	Orig No	Size	PSI
8.711-076.0	374304	5.0	6000
8.711-077.0	374305	5.5	6000
8.711-078.0	374306	6.0	6000
8.711-079.0	374308	7.0	6000

Part No.	Orig No	Size	PSI
8.711-080.0	374309	8.0	6000
8.711-081.0	374310	10.0	6000

ST-457 Repair Kit	Orig No	Size	PSI
8.701-572.0	085465A	3.0	6000
8.701-571.0	085465	3.5	6000
8.701-573.0	085466	4.0	6000
8.701-574.0	085467	4.5	6000

ST-457 Repair Kit	Orig No	Size	PSI
8.701-575.0	085468	5.0	6000
8.701-576.0	085469	5.5	6000
8.701-577.0	085470	6.0	6000
8.701-578.0	085472	7.0	6000

ST-457 Repair Kit	Orig No	Size	PSI
8.701-579.0	085473	8.0	6000
8.701-580.0	085474	10.0	6000

NOZZLES

Duo-Reg Nozzle



Duo-Reg Nozzles are designed for Industrial use and priced for ALL applications. Easy Push/Pull low to high pressure change and easy turn to adjust from 0° to 80° fan pattern.

- Stainless steel replaceable orifices
- 3000 PSI capability
- 300°F
- 1/4" FPT connect
- Tough glass-filled nylon cover
- Compact size: 3-3/8" long, 1-3/16" diameter, 5.7 oz weight

Part No	Orig No	Color	Orifice	Part No.	Orig No.	Color	Orifice
8.710-959.0	374030	Yellow	3.0	8.710-963.0	374050	Green	5.0
8.710-960.0	374035	White	3.5	8.710-964.0	374055	Sky	5.5
8.710-961.0	374040	Blue	4.0	8.710-965.0	374060	Black	6.0
8.710-962.0	374045	Brown	4.5	8.710-966.0	374065	Drk Green	6.5

Multi-Fan Nozzle



Adjust from maximum Impact Zero Stream to 80° Wide Angle Spray with a Twist of the Nozzle Body.

- 1/4" FPT connect
- 2900 PSI
- Replaceable SS orifices
- SS deflector
- 210°F

Part No	Orig No	Color	Orifice	Part No	Orig No	Color	Orifice	Part No	Orig No	Color	Orifice
8.710-932.0	373352	Yellow	3.0	8.710-936.0	373357	Green	5.0	8.710-940.0	373361	-	7.0
8.710-933.0	373353	White	3.5	8.710-937.0	373358	Sky	5.5	8.710-941.0	373362	-	7.5
8.710-934.0	373354	Blue	4.0	8.710-938.0	373359	Black	6.0	8.710-942.0	373363	-	8.0
8.710-935.0	373356	Brown	4.5	8.710-939.0	373360	-	6.5				

Interchangeable Orifice - fit nozzles above



Replacement Orifices for Duo-Reg and Multi-Fan nozzles.

Part No.	Orig No	Orifice	Part No.	Orig No	Orifice	Part No.	Orig No	Orifice
8.701-448.0	084021	3.0	8.701-453.0	084028	5.0	8.701-458.0	084033	7.0
8.701-449.0	084023	3.5	8.701-454.0	084029	5.5	8.701-459.0	084034	7.5
8.701-450.0	084025	4.0	8.701-455.0	084030	6.0	8.701-460.0	084035	8.0
8.701-452.0	084027	4.5	8.701-456.0	084031	6.5			

HL250 High / Low Variable Angle Nozzle



Push/Pull for easy change between high and low pressure; simple twist to adjust 0° – 80° spray fan pattern.

- Stainless steel replaceable orifice
- Durable glass-filled nylon cover
- 200°
- 4000 PSI
- 1/4" FPT inlet
- Weight .4 lbs

Part No	Orig No	Color	Orifice	Part No	Orig No	Color	Orifice	Part No	Orig No	Color	Orifice
8.710-972.0	374086	Lt Green	2.0	8.710-976.0	374091	Dk Yellow	4.0	8.710-980.0	374095	Dk Green	6.0
8.710-973.0	374087	Pink	2.5	8.710-977.0	374092	Blue	4.5	8.710-981.0	374096	Lt Blue	6.5
8.710-974.0	374088	White	3.0	8.710-978.0	374093	Purple	5.0	8.710-982.0	374097	Orange	7.0
8.710-975.0	374090	Brown	3.5	8.710-979.0	374094	Dark Red	5.5	8.710-983.0	374098	Silver	8.0

High Pressure Nozzle Filters

Turbo Nozzle Protector



8.709-978.0



8.710-149.0



8.709-979.0



8.710-150.0

- 1/4" MPT outlet
- 300°F max temperature
- 100 mesh screen
- 5000 PSI max pressure

Part No.	Original No.	Material	Inlet	Outlet
8.709-978.0	342040	Brass	1/4" FPT	1/4" MPT
8.709-979.0	342042	Brass	1/4" QC	1/4" MPT
8.710-149.0	347097	416 SS	1/4" QC	1/4" MPT
8.710-150.0	347098	Brass	1/4" MPT	1/4" MPT
8.704-234.0	110595	Replacement filter for 342040/342042		
8.701-201.0	080115	Replacement filter for 347097/347098		

Double Nozzle Head



- Durable machined brass body
- Stainless steel ball
- Chemical-resistant
- Heavy nickel plate
- 3600 PSI max pressure
- 300°F max temperature
- Up to 10 GPM flow for low side pressure at 250 PSI
- 1/4" female inlet, 2 female outlets
- New ball guide & seat

Part No.	Original No.	Description
8.710-897.0	373058A	Double Nozzle Head

Rollover Nozzle - Twist-Type

Holds 2 MEG nozzles on opposite sides for positive change from chemical application to high pressure rinse.



- Nickel-plated brass body
- 180°F max temperature
- 1000 PSI max pressure

Part No.	Original No.	Description
8.710-893.0	373054	Dual 1/4" FPT in/out
8.900-022.0	075020X	Repair Kit

Adjustable Nozzle



Compact full feature unit weighs only 4.3 oz, same functions as ST-51N.



- 3600 PSI max pressure
- 10 GPM max flow
- 300°F max temperature
- Machined brass body
- Nylon adjustment knob
- 1/4" FPT inlet/outlet

Part No.	Original No.	Description
8.710-891.0	373051P	Adjustable Nozzle

ST-56 Rollover Nozzle Head



- Brass body
- 3600 PSI max pressure
- 8 GPM max flow
- 300°F max temperature
- Glass-filled Polyimide cover
- 1/4" FPT inlet & outlet

Part No.	Original No.	Description
8.710-895.0	373056	Rollover Nozzle Head

ST-51N Adjustable Nozzle



Nozzle Holder allows water to be diverted around the Fixed Orifice Nozzle, dropping the pressure and allowing the Chemical Injector to operate.



- Attaches to 1/4" MPT lance
- Accepts 1/4" MEG nozzles
- 8.0 GPM max flow
- 300°F max temperature
- 3600 PSI max pressure
- 5.9 oz weight

Part No.	Original No.	Description
8.710-889.0	373051	ST-51N

Steam Nozzle



Steam Nozzle Blank



Flat Steam Nozzle

- One-piece brass
- 1450 PSI
- Steam Nozzle - 1/4" F
- Steam Blank - 3/8" M

Part No.	Original No.	Description
8.710-958.0	373710	Flat Steam Nozzle, 1.5mm
8.710-957.0	373702	Steam Nozzle Blank – Drill to Size
8.904-374.0	373705	Nozzle Blank, Drilled to 1.6mm

NOZZLES

Stainless Steel Sewer Nozzles



- 4100 PSI max pressure
- Corrosion Resistant Stainless Steel
- One Forward Orifice
- Three Rear Orifices

Part No.	Orig. No.	FPT	Size
8.710-905.0	373075	1/8"	5.0
8.710-906.0	373076	1/8"	5.5
8.710-907.0	373077	1/8"	6.0
8.710-908.0	373078	1/4"	6.5
8.710-909.0	373079	1/4"	7.0
8.710-910.0	373080	1/4"	9.5

Sewer / Tube Cleaning Nozzles



The reverse jets on the fixed and rotary nozzles pull the hose through the tube or sewer line and blast debris from line or tube walls.



- Backward ports drive the nozzle forward and flush debris
- Forward ports blast into pipe and breaks up clogs & debris
- Physically small for cornering ability
- 4200 PSI
- Corrosion resistant stainless steel construction
- Orifice size indicated on non-rotating styles
- Rotating style adds extra agitation and surface cleaning

Part No.	Orig. No.	Nozzle Size	Orifice Size	O.D.	Ports
Non-Rotating Sewer Nozzles					
8.710-875.0	373024	1/8"	4.5	.580"	0-forward, 3 back
8.710-874.0	373023	1/8"	5.5	.580"	1-forward, 3 back
8.710-878.0	373027	1/4"	4.5	.730"	1-forward, 3 back
8.710-876.0	373025	1/4"	5.5	.730"	1-forward, 3 back
8.710-877.0	373026	1/4"	6.0	.730"	1-forward, 4 back
8.710-880.0	373029	1/4"	7.5	.730"	1-forward, 4 back
8.710-879.0	373028	1/4"	8.0	.730"	1-forward, 3 back
8.710-881.0	373032	1/4"	12	.730"	1-forward, 3 back
8.710-885.0	373038	3/8"	4.0	.920"	1-forward, 3 back
8.710-884.0	373037	3/8"	5.5	.920"	1-forward, 3 back
8.710-886.0	373039	3/8"	8.5	.920"	1-forward, 4 back
8.710-883.0	373036	3/8"	12	.920"	1-forward, 4 back
8.710-882.0	373035	3/8"	14	.920"	1-forward, 4 back



0-forward, 3 back ports



1-forward, 3 back ports



1-forward, 4 back ports



- Rotating sewer nozzle
- Adds extra agitation
- 4000 PSI
- Back Jet Only

Part No.	Original No.	Rotating Nozzle	Size	Ports
Rotating Sewer Nozzles				
8.710-899.0	373062	1/8"	5.5	0-forward, 3 back
8.710-898.0	373061	1/4"	5.5	0-forward, 3 back
8.710-900.0	373064	1/4"	8.0	0-forward, 3 back
8.710-887.0	373040	1/4" Duct Clnr*	5.5	0-forward, 2 side

*Duct Cleaner jet to sides instead of reverse



0 forward, 3 back ports



0 forward, 2 side ports

Nozzle Protector / Coupler



- Protect nozzles and finished surfaces
- Deep nozzle recess
- Tough plastic protector
- 1/4" FPT coupler inlet

Part No.	Original No.	Nozzle
8.710-866.0	373002	1/8"
8.710-867.0	373004	1/4"

Slip-On Nozzle Protector

A durable, easy-to-use nozzle protector. Plastic rubber compound – FLEXIBLE but TOUGH.



- 1-1/2" diameter at flare-end
- Slip-fits standard lances
- 2-1/2" long
- Only 1.2 oz!
- Slip onto Lance
- Attach Nozzle Coupler & Nozzle
- Slide Protector Forward for Complete Nozzle Protection

Part No.	Original No.	Description
8.710-868.0	373006	Slip-on Nozzle Protector

Legacy Compact Foamer



Generates a high density clinging foam for extended dwell time to increase chemical action



- Stainless steel, aluminum and brass
- 5" long, 1" diameter
- 4 and 6.5 nozzle included
- 1 to 5 GPM max flow
- 195°F max temperature
- 2500 PSI max pressure

Part No.	Original No.	Description
8.903-998.0	344022V	1/8" F Inlet
8.903-999.0	344023V	1/4" F Inlet

NOTE: Most cleaning chemicals perform best when applied at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

Foam Cannon

The Ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- SS 1.5mm orifice (#5.5 nozzle equivalent)
- Brass meter valve
- 3000 PSI max pressure
- High impact glass-filled body
- 4.8 GPM max flow
- SS Foam Turbulator
- 176°F max temperature
- 1/4" FPT lance connect

Part No.	Original No.	Description
8.710-125.0	344030	Foam Cannon/ Injector
8.710-126.0	344032	Foam Cannon/ Injector/Bottle



The Next Generation of Kärcher Pumps

Kärcher K₃ Pump



The Best High Pressure Pump in the Industry With:

- STRONGER crankcase with thicker mounting feet
- EXTRA-LARGE European made tapered roller bearings for longer pump life
- NEW crankcase design is optimized and reinforced and comes with and new O-ring seal for leak-free operation
- STRONGER specially die cast connecting rods for quieter operation and longer pump life
- NEW U-Seals (engineered by Parker) which allow for up to 185°F inlet water for hot water cleaning, significantly reduce pump maintenance and extend pump life
- TIGHTER piston rod tolerance for reducing wear and maximizing performance
- NEW multi-viscosity pump oil for better lubrication and cooler operation
- NEW and improved check valves for quieter operation and longer valve life

Kärcher K3 Pumps



KX Series



The KX series pump is the patriarch of the Kärcher crankcase pump line; delivering enough volume and pressure for the beffiest of pressure washers.

- Up to 10.4 GPM and 3,625 PSI
- 10% Lower RPM than comparable pumps
- 40.6 oz oil crankcase capacity
- Increased ceramic thickness

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
8.920-593.0	KX9536R.2 - Right	9.5	3625	23.8	1740	25mm
8.920-594.0	KX9536L.2 - Left	9.5	3625	23.8	1740	25mm
8.920-595.0	KX1036R.2 - Right	10.4	3625	25.8	1740	25mm
8.920-596.0	KX1036L.2 - Left	10.4	3625	25.8	1740	25mm

* HP for Electric Motor Applications



KX5450 Series



The KX5450 series of pumps provide performance up to 5.4 GPM and 5,000 PSI.

- Up to 5.4 GPM and 5,000 PSI
- 9' Water Vacuum Head
- 40.6 oz oil crankcase capacity
- Oversized connecting rods

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
8.921-658.0	KX5450L - Left	5.4	5000	18.5	1740	24mm
8.921-657.0	KX5450R - Right	5.4	5000	18.5	1740	24mm

* HP for Electric Motor Applications



KT Series



The KT series of pumps are super-duty pumps that provide the same performance as other pumps but at 10% lower RPMs.

- Up to 6.0 GPM and 4,000 PSI
- 10% lower RPM than comparable pumps
- 40.6 oz oil crankcase capacity
- Oversized connecting rods

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
8.921-715.0	KT4540L.2 - Left	4.5	4000	12.6	1360	25mm
8.921-714.0	KT4540R.2 - Right	4.5	4000	12.6	1360	25mm
8.921-717.0	KT6036L.2 - Left	6.0	3600	15.4	1450	25mm
8.921-716.0	KT6036R.2 - Right	6.0	3600	15.4	1450	25mm

* HP for Electric Motor Applications



KM Series



The third generation of KM pumps are designed for a broad range of applications from 3.5 - 5.6 GPM and up to 4,000 PSI

- Up to 5.6 GPM and 4,000 PSI
- 10% lower RPM than comparable pumps
- 23.6 oz oil crankcase capacity
- Heavy-duty tapered roller bearings

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
8.751-186.0	KM3540R.3 - Right	3.5	4000	9.7	1850	24mm
8.751-188.0	KM4030L.3 - Left	4.0	3000	8.3	1000	24mm
8.751-187.0	KM4030R.3 - Right	4.0	3000	8.3	1000	24mm
8.751-190.0	KM4035L.3 - Left	4.8	3500	11.6	1500	24mm
8.751-189.0	KM4035R.3 - Right	4.8	3500	11.6	1500	24mm
8.751-192.0	KM5030L.3 - Left	5.1	3000	10.6	1550	24mm
8.751-191.0	KM5030R.3 - Right	5.1	3000	10.6	1550	24mm
8.749-941.0	KM6035L.3 - Left	5.6	3500	13.5	1740	24mm
8.749-940.0	KM6035R.3 - Right	5.6	3500	13.5	1740	24mm

* HP for Electric Motor Applications

Kärcher Pumps (continued)



KS Series



The third generation of KS pumps are designed for a broad range of applications from 3.0 - 5.0 GPM and up to 4,000 PSI for direct drive gas/diesel engine applications

- Up to 5.0 GPM and 4,000 PSI
- Durable ceramic plunger w/mirror finish
- 23.6 oz oil crankcase capacity
- Heavy-duty tapered roller bearings

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
8.751-193.0	KS3040G.3	3.0	4000	10.8	3400	1" Hollow
8.751-194.0	KS3540G.3	3.5	4000	12.6	3400	1" Hollow
8.751-195.0	KS4040G.3	4.0	4000	14.3	3400	1" Hollow
8.751-196.0	KS5030G.3	5.0	3000	13.4	3400	1" Hollow



KE Series



The KE series of pumps are hollow shaft pumps designed for direct drive electric units.



- Up to 3.5 GPM and 2,500 PSI
- Set-screw for motor shaft
- 14 oz oil crankcase capacity
- Durable ceramic pistons w/mirror finished

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
9.803-814.0	KE2020F.1	2.1	2000	3.0	3450	5/8" Hollow
9.803-815.0	KE2020S.1	2.1	2000	3.0	1725	5/8" Hollow
9.803-816.0	KE2825F.1	2.8	2500	5.0	3450	5/8" Hollow
8.919-557.0	KE2825S.1	2.8	2500	5.0	1725	5/8" Hollow
9.803-818.0	KE3525F.1	3.5	2500	6.0	3450	3/4" Hollow



KD Series



The Kärcher KD series of pumps are solid shaft pumps that provide superior performance when compared to similar size pumps.



- Up to 3.5 GPM and 2,500 PSI
- Set-screw for motor shaft
- 14 oz oil crankcase capacity
- Durable ceramic pistons w/mirror finished

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
9.804-006.09.803-417.09.804-019.0						



KG Series



The Kärcher KG series of pumps are hollow-shaft pumps available in 3/4" and 1" shaft sizes for gas engines.



- Up to 4.0 GPM and 3,500 PSI
- Set-screw for motor shaft
- 14 oz oil crankcase capacity
- Durable ceramic pistons w/mirror finished

Part #	Model No.	GPM	PSI	HP*	RPM	Shaft
9.804-033.0	KG2530G.1	2.5	3000	6.7	3400	3/4"
9.803-823.0	KG3030G.1	3.0	3000	8.1	3400	3/4"
9.803-819.0	KG3035G.1	3.0	3500	9.4	3400	1"
9.803-820.0	KG3535G.1	3.5	3500	11.0	3400	1"
	KG4030G.1	4.0	3500	12.6	3400	1"

Use the selection chart below

Pump Model	Valves	Seal Kits	Packing w/Brass	Plunger Oil Seals	Ceramic Plunger Kit**	Pump Rail	Unloader
KM3540	9.802-603.0	9.802-622.0	8.725-359.0	9.802-609.0	9.802-629.0		9.803-900.0
KM3540.2/3	9.802-603.0	8.725-358.0	8.725-359.0	9.802-609.0	8.933-023.0		9.803-900.0
KM4030	9.802-603.0	9.802-619.0	8.725-363.0	9.802-609.0	9.802-620.0		9.803-900.0
KM4030.2/3	9.802-603.0	8.725-362.0	8.725-363.0	9.802-609.0	8.751-238.0		9.803-900.0
KM4035	9.802-603.0	9.802-628.0	8.725-361.0	9.802-609.0	9.802-629.0		9.803-900.0
KM4035.2/3	9.802-603.0	8.725-360.0	8.725-361.0	9.802-609.0	8.751-237.0		9.803-900.0
KM4035H	9.802-603.0	8.725-360.0	8.725-361.0	9.802-609.0	9.802-629.0		9.803-900.0
KM5030	9.802-603.0	9.802-619.0	8.725-363.0	9.802-609.0	9.802-620.0		9.803-900.0
KM5030.2/3	9.802-603.0	8.725-360.0	8.725-363.0	9.802-609.0	8.751-238.0		9.803-900.0
KM6035.2/3	9.802-603.0	8.725-360.0	8.725-361.0	9.802-609.0	8.751-237.0		9.803-900.0
KT4035	9.802-603.0	9.802-605.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KT4035.1	9.802-603.0	8.916-488.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KT4040	9.802-603.0	9.802-605.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KT4040.1	9.802-603.0	8.916-488.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KT5030	9.802-603.0	9.802-610.0	8.916-323.0	9.802-606.0	9.802-611.0		8.715-508.0
KT5030H	9.802-603.0	9.802-631.0	8.916-323.0	9.802-606.0	9.802-611.0		8.715-508.0
KT5030.1	9.802-603.0	8.916-487.0	8.916-323.0	9.802-606.0	9.802-611.0		8.715-508.0
KT6035	9.802-603.0	9.802-605.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KT6035.1	9.802-603.0	8.916-488.0	8.916-322.0	9.802-606.0	9.802-607.0		8.715-508.0
KS3040	9.802-603.0	9.802-622.0	8.725-359.0	9.802-609.0	9.802-621.0		9.803-900.0
KS3040.1	9.802-603.0	8.725-358.0	8.725-359.0	9.802-609.0	8.933-023.0		9.803-900.0
KS3540	9.802-603.0	9.802-622.0	8.725-359.0	9.802-609.0	9.802-621.0		9.803-900.0
KS3540.1	9.802-603.0	8.725-358.0	8.725-359.0	9.802-609.0	8.933-023.0		9.803-900.0
KS4040	9.802-603.0	9.802-622.0	8.725-359.0	9.802-609.0	9.802-621.0		9.803-900.0
KS4040.1	9.802-603.0	8.725-358.0	8.725-359.0	9.802-609.0	8.933-023.0		9.803-900.0
KS5030	9.802-603.0	9.802-622.0	8.725-359.0	9.802-609.0	9.802-621.0		9.803-900.0
KS5030.1	9.802-603.0	8.725-358.0	8.725-359.0	9.802-609.0	8.933-023.0		9.803-900.0
KH5050	9.802-604.0	9.804-492.0	9.804-493.0	9.802-606.0	9.802-629.0	8.717-577.0	8.715-461.0
KX5050	9.802-604.0	9.802-615.0	9.802-616.0	9.802-606.0	9.802-629.0	8.717-577.0	8.715-461.0
KX8030	9.802-608.0	9.802-612.0	8.725-365.0	9.802-606.0	9.802-614.0	8.717-577.0	8.715-508.0
KX8030.1	9.802-608.0	8.725-364.0	8.725-365.0	9.802-606.0	9.802-614.0	8.717-577.0	8.715-508.0
KX1025	9.802-608.0	9.802-612.0	8.725-365.0	9.802-606.0	9.802-614.0	8.717-577.0	8.715-508.0
KX1025.1	9.802-608.0	8.725-364.0	8.725-365.0	9.802-606.0	9.802-614.0	8.717-577.0	8.715-508.0
KX9636.2	8.752-853.0	8.752-844.0	8.752-850.0	8.752-835.0	8.752-839.0	8.717-577.0	8.715-508.0
KX1036.2	8.752-853.0	8.752-844.0	8.752-850.0	8.752-835.0	8.752-839.0	8.717-577.0	8.715-508.0
KE2020F	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KE2020F.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KE2020S	9.803-936.0	9.803-931.0	8.725-357.0	9.803-937.0	9.803-935.0		9.803-899.0
KE2020S.1	9.803-936.0	8.725-356.0	8.725-357.0	9.803-937.0	9.803-935.0		9.803-899.0
KE2825F	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KE2825F.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KE2825S	9.803-936.0	9.803-931.0	8.725-357.0	9.803-937.0	9.803-935.0		9.803-899.0
KE2825S.1	9.803-936.0	8.725-356.0	8.725-357.0	9.803-937.0	9.803-935.0		9.803-899.0
KE3525F	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KE3525F.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KD3025	9.803-936.0	9.803-931.0	8.725-357.0	9.803-937.0	9.803-935.0	8.717-577.0	9.803-899.0
KD3025.1	9.803-936.0	8.725-356.0	8.725-357.0	9.803-937.0	9.803-935.0	8.717-577.0	9.803-899.0
KD3030	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0	8.717-577.0	9.803-899.0
KD3030H	9.803-936.0	9.804-076.0	8.725-355.0	9.803-937.0	9.803-934.0	8.717-577.0	9.803-899.0
KD3030.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0	8.717-577.0	9.803-899.0
KD4020	9.803-936.0	9.803-931.0	8.725-357.0	9.803-937.0	9.803-935.0	8.717-577.0	9.803-899.0
KD4020.1	9.803-936.0	8.725-356.0	8.725-357.0	9.803-937.0	9.803-935.0	8.717-577.0	9.803-899.0
KG2530	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG2530.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG3030	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0



Pump Model	Valves	Seal Kits	Packing w/Brass	Plunger Oil Seals	Ceramic Plunger Kit**	Pump Rail	Unloader
KG3030.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG3035	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG3035.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG3535	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG3535.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG4030	9.803-936.0	9.803-930.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0
KG4030.1	9.803-936.0	8.725-354.0	8.725-355.0	9.803-937.0	9.803-934.0		9.803-899.0

Kärcher Pump Repair Kits



Original Factory Direct Repair Kits. See above for kit selection chart. Individual parts are also available. See exploded view of pump for individual part numbers.



Valve Kit



Seal Kit



Packing w/Brass



Plunger Oil Seals



Ceramic Plunger Kit

Part No.	Kit Description
Valve Kits	
9.802-603.0	Valve Kit, KM, KT, KS Series
9.802-604.0	Valve Kit, KX5050, KH5050 Series
9.802-608.0	Valve Kit, KX8030, KX1025
8.752-853.0	Valve Kit, KX9636, KX1036
9.803-936.0	Valve Kit, KE, KD, KG Series
Seal Kits - Old-Style "V" Seals	
9.802-622.0	Plunger Seals, 15mm, KS Series, KM3540
9.802-628.0	Plunger Seals, 18mm KM4035
9.802-619.0	Plunger Seals, 20mm, KM4030, KM5030
9.802-605.0	Plunger Seals, 20mm, KT4035, KT4040, KT6035
9.802-610.0	Plunger Seals, 22mm, KT5030
9.802-615.0	Plunger Seals, KX5050
9.802-612.0	Plunger Seals, 25mm, KX8030, KX1025
9.803-930.0	Plunger Seals, 15mm, KE2020F, KE2825F, KE3525F, KD3030, KG Series
9.803-931.0	Plunger Seals, 18mm, KE2020S, KD3025, KD4020
9.804-076.0	Plunger Seals, 15mm, KD3030H
New Style "U" Seals	
8.725-358.0	Plunger Seals, 15mm, KS Series, KM3540.2/.3
8.725-360.0	Plunger Seals, 18mm KM4035.2/.3
8.725-362.0	Plunger Seals, 20mm, KM4030.2/.3, KM5030.2/.3, KM6035.2/.3
8.916-488.0	Plunger Seals, 20mm, KT4035.1, KT4040.1, KT6035.1
8.916-487.0	Plunger Seals, 22mm, KT5030.1
9.804-492.0	Plunger Seals, KH5050
8.725-364.0	Plunger Seals, 25mm, KX8030.1, KX1025.1
8.752-844.0	Plunger Seals, KX9626.2, KX1036.2
8.725-354.0	Plunger Seals, 15mm, KE2020F.1, KE2825F.1, KE3525F.1, KD3030.1, KG.1 Series
8.725-356.0	Plunger Seals, 18mm, KE2020S.1, KD3025.1, KD4020.1

Part No.	Kit Description
Packings with Brass*	
8.725-359.0	Complete Seal Packing, 15mm, KS Series, KM3540
8.725-355.0	Complete Seal Packing, 15mm, KE2020F, KE2825F, KE3525F, KD3030, KG Series
8.725-357.0	Complete Seal Packing, 18mm, KE2020S, KE2825S, KD Series
8.725-361.0	Complete Seal Packing, 18mm, KM4025, KM4025, KM6035
8.725-363.0	Complete Seal Packing, 20mm, KM4030, KM5030
8.916-322.0	Complete Seal Packing, 20mm, KT Series
8.916-323.0	Complete Seal Packing, 22mm, KT5030
9.804-493.0	Complete Seal Packing, KH5050
9.802-616.0	Complete Seal Packing, KX5050
8.725-365.0	Complete Seal Packing, 25mm, KX8030, KX1025
8.752-850.0	Complete Seal Packing, KX9636, KX1036
*All Packing Kits with Brass include U Seals	
Oil Seals	
9.802-606.0	Plunger Oil Seals, KT, KS, KH, KX5050, KX8030, KX1025 Series
9.802-609.0	Plunger Oil Seals, KM, KS Series
9.803-937.0	Plunger Oil Seals, KE, KD, KG Series
8.752-835.0	Plunger Oil Seals, 22mm, KX9636.2, KX1036.2
Ceramic Plunger Kit*	
9.802-629.0	Plunger, 18mm, KX5050, KH5050, KM3540.1, KM4035.1
8.933-023.0	Plunger, 18mm, KM4035.2/.3, KS.3 Series
9.802-620.0	Plunger, 20mm, KM4030, KM5030
8.751-238.0	Plunger, 20mm, KM4030.2/.3, KM5030.2/.3
8.751-237.0	Plunger, KM6035.2/.3
9.802-607.0	Plunger, 20mm, KT Series
9.802-611.0	Plunger, 22mm KT5030
9.802-621.0	Plunger, 15mm KS Series
8.933-023.0	Plunger, 15mm KS.1 Series
9.802-614.0	Plunger, 25mm, KX8030, KX1025
9.803-934.0	Plunger, 15mm, KE2020F, KD2825F, KE3525, KD3030, KG Series
9.803-935.0	Plunger, 18mm, KE2020S, KE2825S, KD3025, KD4020

*Includes bolt, Washer, o-ring, teflon ring and ceramic plunger

Kärcher Pump Tool Kit



A Must for every Service Department. Save time using the right tool for the job. The Kärcher Pump Tool Kit, which can be purchased individually, includes the following:



Part No.	Kit Description
9.802-954.0	Kärcher Pump Tool Kit (complete)

Part No.	Kit Description
9.802-572.0	Oil Seal Bushing Inserter for KT Plunger Rod
9.802-578.0	Oil Seal Piston Inserter for KT Plunger Rod
9.802-579.0	Oil Seal Piston Inserter for KS and KS Plunger Rod
9.802-573.0	Oil Seal Bushing Inserter for KS and KS Plunger Rod
9.802-571.0	Allen Wrench, 8mm for KT, KX, KH Manifold bolts
9.802-567.0	Allen Wrench, 6mm for KM, KD, KG, KE, KS Manifold bolts
9.802-570.0	Allen Wrench, 5mm for Crankcase cover bolts
9.802-565.0	Oil Seal Bushing Inserter for KT, KX, KH Crankshaft
9.802-566.0	Oil Seal Bushing Inserter for KM, KD, KG, KE, KS Crankshaft
9.802-568.0	Piston Seal Extractor
9.802-580.0	Oil Seal Inserter, Piston, KM, KD, KG, KE, KS Pumps
9.802-563.0	Oil Seal Inserter, Guide, KM, KD, KG, KE, KS Pumps
9.802-581.0	Oil Seal Inserter, Piston, KT, KX, KH Pumps
9.802-564.0	Guide, Oil Seal Inserter, KT, KX, KH Pumps
8.751-396.0	Guide, Seal Inserter, Manifold, KD, KE, KG Pumps
8.751-404.0	Guide, Seal Inserter, Manifold KX5050
8.751-397.0	Guide, Seal Inserter, Manifold, KD, KE, KG, KH, KX
8.751-405.0	Guide, Seal Inserter, Manifold, KH KX
8.751-403.0	Screwdriver, Flathead
9.802-569.0	Hammer, Plastic Head
9.802-574.0	Plastic Tool Box

Pump Selection Chart for Kärcher Direct Drive Pumps



Motor	Engine*	Pump	Unloader	Nozzle	GPM/PSI
9.802-339.0 2HP, 3450rpm		9.8.3-814.0 KE2020F.1	9.803-899.0 VBA35, Direct	#3	1.9 / 1500
9.804-517.0 2HP, 1725rpm		9.803-815.0 KE2020S.1	9.803-899.0 VBA35, Direct	#3	1.9 / 1500
9.802-340.0 3HP, 3450rpm		9.806-816.0 KE2825F.1	9.803-899.0 VBA35, Direct	#4	2.5 / 1600
8.715-090.0 3HP, 1725rpm		8.919-557.0 KE2825S.1	9.803-899.0 VBA35, Direct	#4	2.5 / 1600
9.802-341.0 5HP, 3450rpm		9.803-818.0 KE3525F.1	9.803-899.0 VBA35, Direct	#5	3.5 / 2000
	6.5HP	9.804-033.0 KG2530G.1	9.803-899.0 VBA35, Direct	#3	2.5 / 2700
	9HP	9.803-819.0 KG3035G.1	9.803-899.0 VBA35, Direct	#3.5	3 / 3000
	11HP	9.803-819.0 KG3035G.1	9.803-899.0 VBA35, Direct	#3	2.8 / 3500
	13HP	9.803-820.0 KG3535G.1	9.803-899.0 VBA35, Direct	#3.5	3.3 / 3500
	13HP	8.916-559.0 KG4030G.1	9.803-899.0 VBA35, Direct	#4.5	3.9 / 3000
	13HP	8.751-193.0 KS3040G.2	8.750-299.0 VRT3	#3	3 / 4000
	11HP	8.751-194.0 KS3540G.2	9.803-900.0 VBA35, Direct	#4	3.5 / 3000
	13HP	8.751-195.0 KS4040G.2	8.750-299.0 VRT3	#4	4 / 4000
	16HP	8.751-196.0 KS5030G.2	9.803-900.0 VBA35, Direct	#5.5	4.8 / 3000

*Engine Gross HP as rated by the engine manufacturer

Pump Selection Chart for Kärcher Belt Drive Units



Motor	Engine*	Pump	Eng. Bushing	Mtr. Bushing	Eng/Mtr Pulley	Pump Pulley	Pump Bushing	Unloader	Nozzle	GPM/PSI
	9HP	9.804-006.0 kD3030R	9.802-399.0 H x 1"		9.802-384.0 2BK 40H	9.802-389.0 2BK 80H	9.802-402.0 H x 24mm	9.803-899.0 VBA35, Direct	# 3.5	3 / 3000
9.802-341.0 5HP, 3450RPM		9.804-006.0 kD3030R		9.803-897.0 H x 3/4"	9.802-371.0 2AK 32H	8.715-555.0 2AK 64H	9.802-402.0 H x 24mm	9.803-899.0 VBA35, Direct	# 3.5	3 / 3000
	5.5HP	9.804-019.0 KD4020R.1	9.803-897.0 H x 3/4"		9.804-047.0 2AK 34H	9.802-375.0 2AK 84H	9.802-402.0 H x 24mm	9.803-899.0 VBA35, Direct	# 5	3.5 / 2000
9.802-341.0 5HP, 3450RPM		9.804-019.0 KD4020R.1		9.803-897.0 H x 3/4"	9.803-298.0 2AK 30H	9.802-374.0 2AK 74H	9.802-402.0 H x 24mm	9.803-899.0 VBA35, Direct	# 5	3.5 / 2000
9.802-335.0 10HP 3ph, 1760RPM		8.751-187.0 KM4030R.2		9.802-401.0 H x 1-3/8"	9.802-384.0 2BK 40H	8.715-591.0 2BK 70H	9.802-402.0 H x 24mm	9.803-900.0 VBA35, Direct	# 4.5	3.9 / 3000
8.709-834.0 15 HP 3ph, 1760RPM		8.751-189.0 KM4035R.2		9.803-980.0 P1 x 1-5/8"	8.715-598.0 2TB40	8.715-582.0 2BK 47H	9.802-402.0 H x 24mm	9.803-900.0 VBA35, Direct	# 4	3.7 / 3500
	13HP	8.751-189.0 KM4035R.2	9.802-399.0 H x 1"		8.715-576.0 2BK 32H	9.802-390.0 2BK 90H	9.802-402.0 H x 24mm	9.803-900.0 VBA35, Direct	# 4	3.7 / 3500
9.802-335.0 10HP 3ph, 1760RPM		8.751-191.0 KM5030R.2		9.802-401.0 H x 1-3/8"	9.803-299.0 2BK 57H	9.802-388.0 2BK 67H	9.802-402.0 H x 24mm	9.803-900.0 VBA35, Direct	# 5.5	4.8 / 3000
	16HP	8.751-191.0 KM5030R.2	9.802-399.0 H x 1"		9.802-384.0 2BK 40H	9.802-390.0 2BK 90H	9.802-402.0 H x 24mm	9.803-900.0 VBA35, Direct	# 5.5	4.8 / 3000
	13HP	8.751-186.0 KM3540R.2	9.802-399.0 H x 1"		9.802-384.0 2BK 40H	9.802-389.0 2BK 80H	9.802-402.0 H x 24mm	8.750-299.0 VRT3	# 3	3 / 4000
	24HP	8.789-940.0 KM6035R.2	9.802-400.0 H x 1-1/8"		9.802-382.0 2BK 34H	9.802-385.0 2BK 70H	9.802-402.0 H x 24mm	8.750-299.0 VRT3	# 6	5.6 / 3500
8.709-834.0 15 HP 3ph, 1760RPM		8.745-940.0 KM6035R.2		8.709-834.0 P1 x 1-5/8"	8.715-598.0 2TB40	9.802-385.0 2BK 45H	9.802-402.0 H x 24mm	8.750-299.0 VRT3	# 6	5.6 / 3500
	24HP	9.803-400.0 KX8030R.1	9.802-405.0 P2 x 1-1/8"		9.802-392.0 3TB 34	9.802-395.0 3BK 80H	9.802-403.0 H x 25mm	8.750-299.0 VRT3	# 9	7.8 / 3000
8.730-515.0 20HP 3ph, 1760RPM		9.803-400.0 KX8030R.1		9.803-980.0 P1 x 1-5/8"	9.802-393.0 3TB 36	9.803-979.0 3BK 50H	9.802-403.0 H x 25mm	8.750-299.0 VRT3	# 9	7.8 / 3000
	20HP	9.803-402.0 KX1025R.1	9.802-405.0 P2 x 1-1/8"		9.802-393.0 3TB 36	9.802-395.0 3BK 80H	9.802-403.0 H x 25mm	8.715-508.0 VBXL 13gpm	# 14	10 / 2000
8.730-515.0 20HP 3ph, 1760RPM		9.803-402.0 KX1025R.1		9.803-980.0 P1 x 1-5/8"	9.802-393.0 3TB 36	8.715-613.0 3BK 45H	9.802-403.0 H x 25mm	8.715-508.0 VBXL 13gpm	# 14	10 / 2000
	24HP	9.803-402.0 KX1025R.1	9.802-405.0 P2 x 1-1/8"		9.802-393.0 3TB 36	9.802-395.0 3BK 80H	9.802-403.0 H x 25mm	8.715-508.0 VBXL 13gpm	# 13	10.3 / 2500
8.730-515.0 20HP 3ph, 1760RPM		9.804-491.0 KH5050R		9.803-980.0 P1 x 1-5/8"	9.802-394.0 3TB 40	9.803-979.0 3BK 50H	9.802-403.0 H x 25mm	9.802-360.0 VB350/4	# 5	5 / 5000
	24HP	9.804-491.0 KH5050R	9.802-405.0 P2 x 1-1/8"		9.802-394.0 3TB 40	9.802-396.0 3BK 90H	9.802-403.0 H x 25mm	9.802-360.0 VB350/4	# 5	5 / 5000

*Engine Gross HP as rated by the engine manufacturer

Kärcher Pump Cross Reference / Comparison Chart



Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
N/A	HG-2425	TH-2520G	XJV2.5G22D-F7
KG2530G.1	HG-2530	TH-3020G	XJV3G22D-F7

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
N/A	WJG-2521	TP-2520J34	XTV2G22D-F7
N/A	WJG-2525	TP-2526J34	N/A
KG2530G.1	WJG-2530	TP-2530J34	XTV3G22D-F7
N/A	WJG-2535	TP-2533J34	N/A

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
N/A	WJH-2521-F	TT-2021EBF	XTV2G22E-F8
N/A	WJH-2525-F	TT-2028EBG	N/A
KE2825F.1	WJH-2530-F	N/A	XTV3G22E-F8
KE2020S.1	WJH-2121	T-9051EBF	XTA2G15EBA-F8
N/A	WJH-2132	TT-9111EBF	XTA2G19E-F8

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
N/A	WMG-2625	TX-1505G6	XMV2.5G26D-F25
KG2530G.1	WMG-2530	TX-1506G6	XMV3G25D-F25
N/A	WMG-2535	N/A	XMV3.5G25D-F25
N/A	WMG-2540	N/A	N/A

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
KS3040G.3	WMG-3530 (1"H)	TX-1508G8	XMV3G30D-F24
KS3540G.3	WMG-3535 (1"H)	N/A	XMV3.5G30D-F24
KS4040G.3	WMG-3540 (1"H)	TX-1510G8	XMV4G32D-F24

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
KE2020F.1/KE2825F.1	WMH-2521-F	N/A	XMV2G25E-F33
KE2825F.1	WMH-2230-F	N/A	N/A
KE2825F.1	WMH-2035-F	N/A	N/A
N/A	WMH-1840-F	N/A	N/A
KE3525F.1	WMHS-2035-F (3/4"H)	TT-2035EBF	XMV3.5G25D-F33
KE2020S.1/GE2925S.1	WMH-2021	N/A	XMA2G22E-F33
KE2825S.1	WMH-2525	N/A	XMA2.5G18E-F33
KE2825S.1	WMH-2528	N/A	XMA3G18E-F33
N/A	WMH-2035	N/A	N/A
N/A	WMHS-2035 (3/4"H)	N/A	N/A

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
KD3025.1	WML-2530	TX-1812S17	XM11.17N
KM4030.3	WML-2534	TX-1812S17	XM13.20N
KM4030.3	WML-2540	TX-1812S17	XM15.15N



KS Series



KG Series

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
KG3535G.1	TMG-3535	EZ-4035G34	RKV3.5G40HD-F24
KGS4040G.2	TMG-4040	EZ-4040G34	RKV4G40HD-F24
N/A	TMG-4045	EZ-3045G	RKV4.5G40HD-F24
N/A	TMG-4050	N/A	N/A
N/A	TMG-3555	N/A	RKV5.5G40HD-F24

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
N/A	TMH-3035	EZ-2536E	RKA3.5G30E-F17
N/A	TMH-3040	EZ-2542E	RKA4G30E-F17
N/A	TMH-3050	N/A	N/A
N/A	TMH-3055	N/A	RKA5.5G13E-F17

Kärcher Pumps	Legacy Pumps	General Pumps	AR Pumps
KM4035.3	TML-3538	TS-1511	RK14.16N
KM4035.3	TML-3045	TS-921	RK14.16N
KM4035.3	TML-3545	N/A	RK14.16N
KM6035.3	TML-3053	TS-2021	RK21.20N
KM6035.3	TMS-3060	N/A	N/A

Legacy Pumps — Belt Drive Units



TML

TML SERIES: Industrial Triplex Plunger Pump with Al Connecting Rods 1450 RPM Pulley Drive with 24mm Solid Shaft, 1/2" inlet x 3/8" outlet, 18.9 lbs. **Compare to:** General Pumps – the TS series and AR Pumps – RK series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-382.0	105924	TML-3053	24mm	5.3	3000	1450
8.703-457.0	106756	Pump Rail Set (Kit)				

NOTE: Can be run at 1750 RPM. Please note the pump ships without rails.



TTV

TTV SERIES: Heavy Industrial Triplex Plunger Pump with Al Connecting Rods 1450 RPM Pulley Drive with 24mm Solid Shaft, 3/4" inlet x 3/8" outlet, 31.9 lbs. **Compare to:** General Pumps – the TS series and AR Pumps – RK series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-387.0	105954	TTV-3555	24mm	5.5	3500	1450

NOTE: Can be run at 1750 RPM. Please note the pump ships without rails.



KKV

KKV SERIES: Heavy Industrial Triplex Plunger Pump with Al Connecting Rods 1450 RPM & 1725 RPM Pulley Drive with 30mm Solid Shaft, 1" inlet x 1/2" outlet, 39.6 lbs.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-391.0	105962	KKV-3087	30mm	8.7	3000	1725

Please note the pump ships without rails.

Pump Rails

Part No.	Original No.	Description
8.900-756.0	108762	Heavy Duty Pump Rail - Short (set)
8.900-757.0	108763	Heavy Duty Pump Rail - Tall (set)

Legacy Pumps — Direct Drive Units



WJG

WJG SERIES: Triplex Plunger Pump with Bronze Connecting Rods 3450 RPM Direct Drive with 3/4" Hollow Shaft and SAE Flange, 3/8" inlet x 3/8" outlet, 13.2 lbs. **Compare to:** General Pumps – the TP series and AR Pumps – XTV series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-342.0	105812	WJG-2525	3/4"H	2.5	2500	3450

WJH-F SERIES: Triplex Plunger Pump with Bronze Connecting Rods 3450 RPM Direct Drive with 5/8" Hollow Shaft and NEMA 56C Flange, 3/8" inlet x 3/8" outlet, 13.2 lbs. **Compare to:** General Pumps – the TT series and AR Pumps – XTV series.



WJH SERIES: Triplex Plunger Pump with Al Connecting Rods 1725 RPM Direct Drive with 5/8" Hollow Shaft and NEMA 56C Flange, 3/8" inlet x 3/8" outlet, 13.2 lbs. **Compare to:** General Pumps – the T & TT series and AR Pumps – XTA series.

Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
WJH-F						
8.703-346.0	105822	WJH-2525-F	5/8"H	2.5	2500	3450
WJH						
8.703-348.0	105830	WJH-2121	5/8"H	2.1	2100	1725
8.703-349.0	105832	WJH-2132	5/8"H	3.2	2100	1725



WJH-F & WJH

WMG SERIES: Premium Triplex Plunger Pump with Bronze Connecting Rods 3450 RPM Direct Drive with 3/4" Hollow Shaft and SAE Flange, 1/2" inlet x 3/8" outlet, 14.7 lbs. **Compare to:** General Pumps – the TX series and AR Pumps – XMV series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-351.0	105842	WMG-2530	3/4"H	3.0	2500	3450



WMG

Legacy Pumps — Direct Drive Units



WMG 1

WMG 1" SERIES: Premium Triplex Plunger Pump with Bronze Connecting Rods 3450 RPM Direct Drive with 1" Hollow Shaft and SAE Flange, 1/2" inlet x 3/8" outlet, 14.7 lbs. **Compare to:** General Pumps – the TX series and AR Pumps – XMV series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-356.0	105854	WMG-3540	1"H	4.0	3500	3450



TMH

TMH SERIES: Industrial Triplex Plunger Pump with Al Connecting Rods 1725 RPM Direct Drive with 1-1/8" Hollow Shaft and NEMA Flange, 1/2" inlet x 3/8" outlet, 18.9 lbs. **Compare to:** General Pumps – the EZ series and AR Pumps – RKA series.



Part No.	Original No.	Model No.	Shaft	GPM	PSI	RPM
8.703-375.0	105910	TMH-3035	1-1/8"H	3.5	3000	1725
8.703-376.0	105912	TMH-3040	1-1/8"H	4.0	3000	1725
8.703-377.0	105914	TMH-3050	1-1/8"H	5.0	3000	1725
8.703-378.0	105916	TMH-3055	1-1/8"H	5.5	3000	1725

Legacy Pump Repair Kit Selection Chart



Pump Model Series	MM	Check Valve Kit	Plunger Rod Oil Seal Kit	Water Seal(s) Only Kit	WaterSeal(s) Brass Ring Kit	Valve Cap Kit	Accessory Seal Kit
HDL	18	Kit 93	Kit 37	Kit 95	Kit 96	Kit 94	Kit 98
HG	15	Kit 84	Kit 64	Kit 129	Kit 92	Kit 66	n/a
KKV	22	Kit 40	Kit 37	Kit 90	Kit 87	Kit 132	Kit 98
KKV	25	Kit 40	Kit 37	Kit 91	Kit 88	Kit 100	Kit 98
KTV	20	Kit 123	Kit 37	Kit 89	Kit 86	Kit 99	Kit 98
TMG	15	Kit 123	Kit 65	Kit 74	Kit 69	Kit 67	Kit 78
TMH	18	Kit 123	Kit 65	Kit 76	Kit 71	Kit 67	Kit 78
TML	18	Kit 123	Kit 65	Kit 76	Kit 71	Kit 67	Kit 77
TML-F	15	Kit 123	Kit 65	Kit 74	Kit 69	Kit 67	Kit 77

Pump Model Series	MM	Check Valve Kit	Plunger Rod Oil Seal Kit	Water Seal(s) Only Kit	WaterSeal(s) Brass Ring Kit	Valve Cap Kit	Accessory Seal Kit
TMS	18	Kit 123	Kit 65	Kit 76	Kit 71	Kit 67	Kit 77
TTV	20	Kit 123	Kit 37	Kit 89	Kit 86	Kit 67	Kit 127
WJG	15	Kit 84	Kit 64	Kit 60	Kit 61	Kit 66	Kit 82
WJH-F	15	Kit 84	Kit 64	Kit 60	Kit 61	Kit 66	Kit 82
WJH	18	Kit 84	Kit 64	Kit 12	Kit 10	Kit 66	Kit 82
WMG-3/4"	15	Kit 124	Kit 64	Kit 73	Kit 68	Kit 67	Kit 80
WMG-1"	15	Kit 124	Kit 64	Kit 73	Kit 68	Kit 67	Kit 79
WMH-F	15	Kit 124	Kit 64	Kit 73	Kit 68	Kit 67	Kit 80
WMH	18	Kit 63	Kit 64	Kit 12	Kit 70	Kit 67	Kit 80
WML	18	Kit 63	Kit 64	Kit 12	Kit 70	Kit 67	Kit 81

Legacy Pump Repair Kits



Part No.	Original No.	Kit No.	Description	No. of Pieces	Quantity Needed Per Pump
8.703-458.0	106810	Kit 10	WJH Packing/Header/Brass Assy (18mm)	21	1
8.703-459.0	106812	Kit 12	WM-H&L Packing Kit WJH Packing/Header only (18mm)	15	1
9.803-041.0	106822	Kit 22	APR.S Unloader Seal(s) Kit	14	1
8.703-461.0	106837	Kit 37	TTV-KTV-HDL Plunger Oil Seal Kit	3	1
8.703-462.0	106840	Kit 40	KKV Check Valves/O-ring Kit	12	1
8.932-979.0	106842	Kit 42	APR.S Unloader Valve Seal Kit	3	1
8.900-701.0	106860	Kit 60	V-Packing,15mm Legacy Pump WJH WJH-F&G Packing/Header only (15mm)	12	1
8.900-702.0	106861	Kit 61	Complete Plunger Set 15mm 18PX WJH-F&G Packing/Header/Brass (15mm)	18	1
8.703-464.0	106863	Kit 63	WMH&L Check Valve/O-ring Kit	12	1
8.703-465.0	106864	Kit 64	HG/WJ/WM Plunger Oil Seal Kit	3	1
8.703-466.0	106865	Kit 65	TM Plunger Oil Seal Kit	3	1
8.703-467.0	106866	Kit 66	HG/WJ Valve Cap/O-ring (M18x1.5) Kit	12	1
8.703-468.0	106867	Kit 67	WM/TM/TTV Valve Cap/O-ring (M27x1.5)	12	1
8.703-469.0	106868	Kit 68	WM-F&G Packing/Brass Assy Kit (15mm)	21	1
8.703-470.0	106869	Kit 69	TM-F&G Packing/Brass Assy (15mm)	21	1
8.703-471.0	106870	Kit 70	WM-H&L Packing/Brass Assy Kit (18mm)	21	1
8.703-472.0	106871	Kit 71	TM-H&L Packing/Brass Assy Kit (18mm)	24	1
8.703-456.0	106755	Kit 72	WML Pump Rail Kit (Foot, Spacer, Bolt)	8	1
8.703-474.0	106873	Kit 73	WM-F&G Packing Only Kit (15mm)	15	1
8.703-475.0	106874	Kit 74	TM-F & G Packing Only Kit (15mm)	15	1
8.703-476.0	106876	Kit 76	TM-H&L Packing Only Kit (18mm)	18	1
8.703-477.0	106877	Kit 77	TM-S&L Accessory Seals Kit	8	1
8.703-478.0	106878	Kit 78	TM-G Accessory Seals Kit	8	1
8.703-479.0	106879	Kit 79	WM-G 1" Accessory Seals Kit	8	1
8.703-480.0	106880	Kit 80	WM-F&G-3/4" Accessory Seals Kit	8	1
8.703-481.0	106881	Kit 81	WM-L Accessory Seals Kit	8	1
8.703-482.0	106882	Kit 82	WJH-F Accessory Seals Kit	8	1
8.703-483.0	106884	Kit 84	HG/WJ Check Valve/O-ring Kit	12	1
8.703-485.0	106886	Kit 86	TTV-KTV Packing/Brass Assy Kit (20mm)	24	1
8.703-486.0	106887	Kit 87	KKV Packing/Brass Assy Kit (22mm)	24	1
8.703-487.0	106888	Kit 88	KKV Packing/Brass Assy Kit (25mm)	24	1
8.703-488.0	106889	Kit 89	TTV-KTV Packing Only Kit (20mm)	18	1
8.703-489.0	106890	Kit 90	KKV Packing Only Kit L90 (22mm)	18	1
8.703-490.0	106891	Kit 91	KKV Packing Only Kit L91 (25mm)	18	1
8.703-491.0	106892	Kit 92	HG Packing/Brass Assy Kit	21	1
8.703-492.0	106893	Kit 93	HDL Check Valve/O-ring Kit	12	1
8.703-493.0	106894	Kit 94	HDL Valve Containment Kit L94	24	1
8.900-703.0	106895	Kit 95	HDL Packing Only Kit L95 (18mm)	18	1
8.703-494.0	106896	Kit 96	HDL Packing/Brass Assy Kit (18mm)	24	1
8.703-495.0	106898	Kit 98	KTV-KKV-HDL Accessory Seal Kit	8	1
8.703-496.0	106899	Kit 99	KTV Valve Cap/O-ring Kit (Plated)	12	1
8.703-497.0	106900	Kit 100	KKV Plated Valve Cap/O-ring Kit	12	1
8.703-498.0	106923	Kit 123	TM-TTV-KTV Check Valve/O-ring	12	1
8.703-499.0	106924	Kit 124	WM-F&G Check Valve/O-ring Kit	12	1
8.703-500.0	106926	Kit 126	APR-35/40 Seal Repair Kit	13	1
8.703-501.0	106927	Kit 127	TTV Accessory Oil Seal Kit	10	1
8.703-502.0	106929	Kit 129	HG Packing Only Kit (15mm)	12	1
8.703-503.0	106932	Kit 132	KKV Valve Cap/O-ring Kit	12	1

Admiral Pump Repair Kits

For the following Admiral pumps: WE Series; WEL Series; XD Series; XLS Series; CA Series; WG Series; XLE Series; XLG Series; C Series; IB Series

Part No.	Original No.	Kit No.	Description	Quantity Needed per Pump
8.900-631.0	106501	Kit AP1	Check Valves (For WE, WG, WEL, XL Series, XD Small Brass Head)	1
8.900-632.0	106502	Kit AP2	Brass Valve Covers (For WE, WG, WEL Series & XD Small Brass Head)	1
8.900-633.0	106504	Kit AP4	Oil Seals 15mm Plunger Rod (For WE, WG & WEL Series)	1
8.900-634.0	106505	Kit AP5	Oil Seals 18mm Plunger Rod (For XL Series)	1
8.900-635.0	106506	Kit AP6	Male Adapter Rings, 15mm (For WE & WG Series)	1
8.900-636.0	106507	Kit AP7	Male Adapter Rings, 18mm (For WEL, XLE & XLS Series)	1
8.900-637.0	106508	Kit AP8	V-Packing Seals, 15mm (For WE & WG Series)	1
8.900-638.0	106509	Kit AP9	V-Packing Seals, 18mm (For WEL Series Only)	1
8.900-639.0	106510	Kit AP10	Brass Packing Gland, 15mm (For WE & WG Series)	1
8.900-640.0	106511	Kit AP11	Brass Packing Gland, 18mm (For WEL Series)	1
8.900-641.0	106512	Kit AP12	Complete Plunger Seal, 15mm (For WE, & WG Series)	3
8.900-642.0	106513	Kit AP13	Complete Plunger Seal, 18mm (For WEL Series)	3
8.900-643.0	106514	Kit AP14	Brass Packing Gland, Two Piece, 18mm (For XLE, & XLS Series)	1
8.900-644.0	106515	Kit AP15	V-Packing Seals, Two Piece, 18mm (For XLE, & XLS Series)	1
8.900-645.0	106516	Kit AP16	Super U-Packing Seals, 18mm (For XLG Series Only)	1
8.900-646.0	106517	Kit AP17	Complete Plunger Seal, Two Piece, 18mm (For XLE, & XLS Series)	3
8.900-647.0	106518	Kit AP18	Complete Plunger Seal, Super-U, 18mm (For XLG Series Only)	3
8.900-648.0	106519	Kit AP19	Brass Packing Gland, Super-U, 18mm (For XLG Series Only)	1
8.900-649.0	106520	Kit AP20	Valve Covers, Brass (For XLG, XLE, XLS Series, & XD Small Plated Pump)	1
8.900-650.0	106521	Kit AP21	Valve Covers, Plated (For XLG, XLE, XLS, & XD Small Plated Pump)	1
8.900-651.0	106522	Kit AP22	Male Adapter Rings, 18mm (For XLG Series Only)	1
8.900-652.0	106523	Kit AP23	Low Pressure Seals, 18mm (For XL Series)	1
8.900-653.0	106524	Kit AP24	V-Packing Seals, 15mm, Two Piece (For WE-T & WG-T Series)	1
8.900-654.0	106525	Kit AP25	V-Packing Seals, 18mm, Two Piece (For WEL-T Series Only)	1
8.900-655.0	106526	Kit AP26	Brass Packing Gland, 15mm, Two Piece (For WE-T & WG-T Series)	1
8.900-656.0	106527	Kit AP27	Brass Packing Gland, 18mm, Two Piece (For WEL-T Series Only)	1
8.900-657.0	106528	Kit AP28	Complete Plunger Seal, 15mm, Two Piece (For WE-T, & WG-T Series)	3
8.900-658.0	106529	Kit AP29	Complete Plunger Seal, 18mm, Two Piece (For WEL-T Series Only)	3
8.900-659.0	106531	Kit AP31	Check Valve Kit (For XD Big Head)	1
8.900-660.0	106532	Kit AP32	Brass Valve Caps (For XD Big Head)	1
8.900-661.0	106533	Kit AP33	Plated Valve Caps (For XD Big Plated Head)	1
8.900-662.0	106534	Kit AP34	Plunger Rod Seal (For XD Pumps)	1
8.900-663.0	106535	Kit AP35	Male Adapter Rings (For XD 20mm)	1
8.900-664.0	106536	Kit AP36	Male Adapter Rings (For XD 22mm)	1
8.900-665.0	106537	Kit AP37	Male Adapter Rings (For XD 25mm)	1
8.900-666.0	106538	Kit AP38	"Super U" Packing (For XD 20mm)	1
8.900-667.0	106539	Kit AP39	"Super U" Packing (For XD 22mm)	1
8.900-668.0	106540	Kit AP40	"Super U" Packing (For XD 25mm)	1
8.900-669.0	106541	Kit AP41	Two Piece Brass Gland (For XD 20mm)	1
8.900-670.0	106542	Kit AP42	Two Piece Brass Gland (For XD 22mm)	1
8.900-671.0	106543	Kit AP43	Two Piece Brass Gland (For XD 25mm)	1
8.900-672.0	106544	Kit AP44	Complete Plunger Seal Repair (For XD 20mm)	3
8.900-673.0	106545	Kit AP45	Complete Plunger Seal Repair (For XD 22mm)	3
8.900-674.0	106546	Kit AP46	Complete Plunger Seal Repair (For XD 25mm)	3
8.900-675.0	106550	Kit AP50	Check Valve Kit (For C-Pumps, Brass Head)	1
8.900-676.0	106552	Kit AP52	Check Valve Assemblies (For IB-1000 Series, & CA Series)	1
8.900-678.0	106555	Kit AP55	Oil Seals, 45mm Plunger Rod (For IB-1000 Series, C & CA Series)	1
8.900-680.0	106557	Kit AP57	Male Adapter Rings, 45mm (For IB-1000 Series, C & CA Series)	1
8.900-682.0	106559	Kit AP59	V-Packing Seals, 45mm (For IB-1000 Series, C & CA Series)	1
8.900-683.0	106561	Kit AP61	Glands (45mm), Brass Packing (For IB-1019, 1032, 1037, C & CA Series)	1
8.900-685.0	106563	Kit AP63	Complete Plunger Seal, 45mm (For IB-1019, 1032, 1037, C & CA Series)	3
8.900-687.0	106566	Kit AP66	Packing Spacer Shim, 45mm (For IB-1000/Shim)	1
8.900-691.0	106594	Kit AP94	Brass Packing Gland (30mm), (C-Series, 2200 PSI)	1
8.900-692.0	106595	Kit AP95	Complete Plunger Kit (30mm), (C-Series, 2200 PSI)	3
8.900-693.0	106596	Kit AP96	Male Adapter Kit (30mm), (C-Series, 2200 PSI)	1
8.900-694.0	106597	Kit AP97	V-Packing Kit (30mm), (C-Series, 2200 PSI)	1

Interpump / General Pumps



8.702-620.0
Solid Shaft Pumps



8.702-635.0



8.702-703.0



8.702-741.0
TX Solid Shaft Pumps



8.702-768.0
Series "44" Solid Shaft Pumps

Solid Shaft Pumps

Part No.	Part No. (Left)	Interpump Model	Part No.	Part No. (Left)	GP Model	GPM	PSI	HP	RPM	Shaft Dia
8.702-618.0		W72	8.723-872.0		T721	2.2	1200	1.7	1450	24mm
8.702-620.0		W73	8.715-320.0		T731	3.0	1200	2.4	1450	24mm
9.802-358.0	8.702-634.0	W99	8.751-327.0		T991	3.5	1500	3.5	1450	24mm
			9.803-297.0		T991 Hot	3.5	1500	3.5	1450	24mm
8.702-629.0		WS92			TS921	4.75	1800	5.8	1450	24mm
8.702-625.0		W92	8.702-626.0		T921	5.0	1700	5.8	1050	24mm
8.702-622.0		WS82			TS821	5.6	1500	5.6	1450	24mm
8.702-636.0		WS101	8.715-330.0	8.715-335.0	TS1011	4.0	2000	5.4	1450	24mm
8.702-635.0		W101	8.715-332.0	8.714-334.0	T1011	4.5	2000	6.0	1125	24mm
8.702-646.0		WS133	8.715-325.0	8.702-647.0	TS1331	3.5	2100	5.0	1450	24mm
8.702-645.0		WS132			TS1321	4.75	2100	6.8	1450	24mm
8.702-643.0		W132	8.792-644.0	8.740-227.0	T1321	5.5	2100	7.9	1150	24mm
8.702-650.0		WS151	8.715-360.0	8.715-335.0	TS1511	4.0	2500	6.8	1450	24mm
8.702-649.0		W151			T1511	4.5	2500	7.7	1125	24mm
8.702-655.0		WS162	8.792-656.0		TS1621	4.75	2500	8.0	1450	24mm
8.702-654.0		W162			T1621	5.0	2500	8.5	1050	24mm
8.702-655.0		W201			T2011	4.5	3000	9.2	1125	24mm
8.702-667.0		WS201	8.740-224.0	8.702-668.0	TS2011	4.0	3500	8.0	1450	24mm
8.702-669.0		WS202	8.702-670.0	8.702-671.0	TS2021	5.6	3500	11.3	1450	24mm
8.702-697.0		W972	8.715-322.0		T9721	2.1	1000	1.5	1750	24mm
8.702-698.0		W973			T9731	2.8	1100	2.0	1750	24mm
8.702-700.0		W979			T9791	2.5	1100	2.0	1750	24mm
8.702-701.0		W995			T9951	3.4	1300	3.0	1750	24mm
		W995	8.723-685.0		T9951 Hot	3.4	1300	3.0	1750	24mm
8.702-702.0		W996			T9961	4.0	1100	3.0	1750	24mm
8.702-703.0		W997	8.702-704.0		T9971	4.0	2000	5.0	1750	24mm
8.702-686.0		W912			T9121	4.75	1500	5.0	1750	24mm
8.702-687.0		W913			T9131	4.0	1900	5.0	1750	24mm
8.702-688.0		W916			T9161	4.75	2300	7.5	1750	24mm
8.702-690.0		W921	8.702-691.0	8.702-692.0	T9211	4.0	2900	7.5	1750	24mm
8.702-693.0		W928	8.715-352.0		T9281	4.0	4000	11.0	1750	24mm
		T5050	8.702-695.0	8.715-354.0	T5050	5.0	5000	11.0	1845	24mm
		87153240	8.702-661.0		TT9111	3.0	1500	3.0	1750	24mm
8.702-630.0		WW93			TT931	2.9	1500	3.0	2800	24mm
8.702-628.0		WW94			TT941	3.43	1300	3.0	2800	24mm
	8.702-662.0	WW935	8.702-685.0		TT9351	3.5	2500	5.0	3400	24mm
8.702-663.0		WW944	8.702-664.0		TT9441	4.4	2500	7.5	3400	24mm



TX Solid Shaft Pump

Part No.	Model	GPM	PSI	HP	RPM	Shaft Dia.
8.702-783.0	TX1810S17	3.1	2000	4.2	1750	24mm
8.702-786.0	TX1812S17	3.8	2000	5.2	1740	24mm
8.702-787.0	TX1512S17	2.6	3000	5.3	1750	24mm
8.702-658.0	TX1506S34	2.6	3000	5.3	3400	24mm
8.702-749.0	TX1508S34	3	3000	6.2	3400	24mm
8.702-741.0	TX1510S34	4	3000	8.2	3400	24mm



Series "44" (EZ Series) Solid Shaft Pumps

Part No.	Part No. (Left)	Interpump Model	Part No.	Part No. (Left)	GP Model	GPM	PSI	HP	RPM	Shaft Dia
8.702-766.0		W956			EZ2536S	3.6	2500	6	1750	24mm
		W959	8.723-959.0	8.702-769.0	EZ2542S	4.2	2500	7	1750	24mm
8.702-767.0		W953			EZ2555S	5.5	2500		3400	24mm
8.702-764.0		W186			EZ3040S	4	3000	8	3400	24mm
	8.702-771.0		8.723-562.0		EZ3042S	4.2	3000		1750	24mm
			8.702-782.0		EZ4040S34	4	4000	11	3400	24mm

Interpump / General Pumps (continued)



8.702-740.0
TSF Pumps

TSF

Part No.	Original No.	Model	GPM	PSI	HP	RPM	Shaft Dia.
8.702-791.0		TSF2019	7.6	3600	18.7	1750	24mm
8.702-792.0		TSF2019L	7.6	3600	18.7	1750	24mm
8.702-740.0	102281	TSF2021	7	3600	17.3	1450	24mm
8.725-651.0		TSF2021SS	7	3600	17.3	1450	24mm
8.702-736.0	102277	TSF2221	10.2	3000	21	1750	24mm
8.702-737.0	102278	TSF2421	12	2500	20.5	1750	24mm



8.702-652.0
Large Frame
Solid Shaft Pumps

Large Frame Solid Shaft Pumps

Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-612.0	102004	W4A	T41A	12.0	900	7.2	650	35mm
8.702-640.0	102067	WS104	TS1041	8.0	1600	7.5	1450	35mm
8.702-652.0	102086	WS153	TS1531	8.0	2175	10.0	1450	35mm
8.702-648.0*	102079	WS135	TS1351	11.0	2000	15.0	1450	32mm
8.702-657.0	102092	W163	T1631	10.0	2500	17.0	1080	32mm
8.702-672.0	102120	W203	T2031	9.0	3000	18.2	1140	32mm
8.702-613.0	102006	W6	T61	17.0	1000	11.6	650	35mm
8.702-614.0	102008	W8	T81	21.0	1000	14.5	650	35mm
8.702-615.0	102012	W12	T121	35.0	1000	24.0	650	35mm
8.702-616.0	102015	W15	T151	43.0	1000	29.7	650	35mm
8.702-684.0	102133	W425	T4251	6.6	5800	25.0	1000	35mm

* Double headed pump



8.702-754.0
Solid Shaft Car
Wash Pumps

Solid Shaft Car Wash Pumps

Part No.	Original No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia	Ship Wt (lbs)
8.702-754.0	102295	CW2040	5.0	2500	5.5	1250	24mm	30
8.702-752.0	102293	CW24	5.0	2500	8.6	1250	24mm	30
8.702-745.0	102286	CW3040	5.0	3000	8.3	1250	24mm	32
8.702-748.0	102289	CW81	20.0	1200	18.0	1000	35mm	92



8.702-711.0
Gas Hollow Shaft
Direct Drive Pumps

Gas Hollow Shaft Direct Drive

Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-711.0	102206	WW906G	TT9061G	2.1	1400	2.0	3400	3/4"
8.702-712.0	102208	WW907G	TT9071G	2.8	1500	2.8	3400	3/4"
8.702-682.0	102130		TT1540GBF	4.0	1500	5.5	3400	3/4"
8.702-673.0	102121		TT2028GBF	2.8	2000	5.0	3400	3/4"
8.702-674.0	102122		TT2035GBF	3.5	2000	6.5	3400	3/4"



Interpump / General Pumps (continued)



Hollow Shaft Direct Drive – Flanged for direct couple to electric motors



Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-708.0	102202	W905E	T9051E	2.1	1400	2.0	1750	5/8"
8.702-710.0	102204	WW906E	TT9061E	2.1	1400	2.0	3400	5/8"
8.702-713.0	102210	WW907E	TT9071E	2.8	1500	3.0	3400	5/8"
8.702-677.0	102125		TT9111EBF	3.0	1500	3.0	1750	5/8"
8.702-679.0	102126		TT2021EBF	2.1	2000	3.0	3400	5/8"
8.702-680.0	102127		TT2028EBF	2.8	2000	4.0	3400	5/8"
8.702-681.0	102129		TT2035EBF	3.5	2000	5.0	3400	3/4"



EZ Series Hollow Shaft Direct Drive – flanged for direct couple to gasoline engines



Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-765.0	102311	WW962EZG	EZ2545G	4.6	2500	7.9	3400	1"
8.702-762.0	102307	WW960EZG	EZ3035G	3.5	2500	6.0	3400	1"
8.702-764.0	102309	WW961EZG	EZ3040G	4.0	2500	6.8	3400	1"
8.702-776.0	102324		EZ4030G34	3.0	4000	10.0	3400	1"
8.702-778.0	102326		EZ4035G34	3.5	4000	10.0	3400	1"
8.702-779.0	102327		EZ4040G34	4.0	4000	11.0	3400	1"



EZ Series Hollow Shaft – flanged for direct couple to electric motors



Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-758.0	102301	W956EZE	EZ2536E	3.6	2500	6.2	1750	1-1/8"
8.702-759.0	102303	W959EZE	EZ2542E	4.2	2500	7.2	1750	1-1/8"
8.702-761.0	102305	W950EZE	EZ2545E	4.5	2500	7.9	3400	1-1/8"
8.702-760.0	102304	W953EZE	EZ2555E	5.5	2500	9.0	3400	1-1/8"

TX Gas Engine Flange Pumps – flanged for direct couple to 184TC electric motor



Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-660.0	TX1510G8UIA*	4	3000	12.3	3400	1"
8.715-339.0	TX1510G8	4	3000	12.3	3400	1"
8.715-340.0	TX1509G8					1"
8.715-343.0	TX1506G8	2.6	3000	8		1"
8.715-345.0	TX1506G6					1"

* Integrated Unloader Valve

Interpump / General Pump Kit Selection Chart

Use this selection chart below and next page to find the correct repair kit for the specific Interpump / General Pump model.



Pump Model	Valves	Oil Seal Piston	Packings	Packing w/Brass	Ceramic	Valve Caps	Piston Bolts	Head Rings	Crank Oil Seal
TX1510534	Kit 123	Kit 159	Kit 160	Kit 166	104800	Kit 124	-	-	Kit 159
TX1810E179	Kit 123	Kit 159	Kit 161	Kit 167	104804	Kit 124	-	-	Kit 159
TX1812E179	Kit 123	Kit 159	Kit 161	Kit 167	104804	Kit 124	-	-	Kit 159
TSF2021	Kit 169	Kit 2	Kit 170	Kit 171	083900	-	-	-	Kit 3
TSF2221	Kit 169	Kit 2	Kit 172	Kit 173	107921	-	-	-	Kit 3
TSF2421	Kit 169	Kit 2	Kit 181	Kit 182	107923	-	-	-	Kit 3

Interpump / General Pump Kit Selection Chart (continued)



Use this selection chart below to find the correct repair kit for the specific Interpump / General Pump model.

Pump Model	Valves	Oil Seal Piston	Packings	Packing w/Brass	Ceramic	Valve Caps	Piston Bolts	Head Rings	Crank Oil Seal
T9721	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104641
T9731	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104637
T731	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104641
T991	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104641
T9951	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104641
T9971	Kit 1	Kit 23	Kit 19	Kit 27	104809	Kit 4	Kit 6	Kit 21	104641
T921	Kit 1	Kit 2	Kit 148	Kit 29	104805	Kit 4	Kit 6	Kit 11	Kit 3
T1011	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 4	Kit 6	Kit 7	Kit 3
T1321	Kit 1	Kit 2	Kit 148	Kit 29	104805	Kit 4	Kit 6	Kit 11	Kit 3
T9211	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 5	Kit 6	Kit 7	Kit 3
T9281	Kit 1	Kit 2	Kit 109	Kit 112	104808	Kit 106	Kit 107	Kit 108	Kit 3
T4251	Kit 122	Kit 44	Kit 77	Kit 78	104810	–	–	Kit 7	Kit 32
T5050	Kit 150	Kit 2	Kit 109	Kit 151	104808	–	–	Kit 108	Kit 3
TS1021	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 4	Kit 6	Kit 7	Kit 3
TS1011	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 4	Kit 6	Kit 7	Kit 3
TS1041	Kit 62	Kit 37	Kit 69	Kit 82	104803		Kit 54	Kit 7	Kit 32
TS1321	Kit 1	Kit 2	Kit 148	Kit 29	104805	Kit 4	Kit 6	Kit 11	Kit 3
TS1511	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 4	Kit 6	Kit 7	Kit 3
TS1531	Kit 62	Kit 37	Kit 69	Kit 82	104803		Kit 54	Kit 7	Kit 32
TS2011	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 5	Kit 6	Kit 7	Kit 3
TS2021	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 5	Kit 6	Kit 7	Kit 3
TT9111	Kit 1	Kit 83	Kit 141	Kit 140	104806	Kit 84	–	–	104641
TT941	Kit 1	Kit 83	Kit 97	Kit 96	083807	Kit 84	–	–	104641
TT9441	Kit 1	Kit 23	Kit 88	Kit 92	104800	Kit 4	–	–	104641
TT2028	Kit 1	Kit 83	Kit 97	Kit 96	083807	Kit 84	–	–	104637
TT2035	Kit 1	Kit 83	Kit 97	Kit 96	083807	Kit 84		–	104637
TT9061	Kit 1	Kit 83	Kit 97	Kit 96	083807	Kit 84	–	–	104637
TT9071	Kit 1	Kit 83	Kit 97	Kit 96	083807	Kit 84	–	–	104637
EZ2542E	Kit 123	Kit 23	Kit 127	Kit 131	104804	Kit 124	–	Kit 129	104649
EZ2545E	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104649
EZ3035G	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104649
EZ3040G	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104649
EZ3040S	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104644
T9051EBF	Kit 1	Kit 83	Kit 97	Kit 96	104800	Kit 84	–	–	104644
EZ2542S	Kit 123	Kit 23	Kit 127	Kit 131	104804	Kit 124	–	Kit 129	104644
EZ3042S	Kit 123	Kit 23	Kit 127	Kit 131	104804	Kit 124	–	Kit 129	104644
EZ4040S34	Kit 123	Kit 23	Kit 153	Kit 156	104812	Kit 124	–	Kit 155	104644
EZ3030G34	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104649
EZ3045G	Kit 123	Kit 23	Kit 88	Kit 130	104800	Kit 124	–	Kit 90	104649
EZ4035G34	Kit 123	Kit 23	Kit 153	Kit 156	104812	Kit 124	–	Kit 155	104649
TS1331-B	Kit 1	Kit 2	Kit 69	Kit 28	104803	Kit 4	Kit 6	Kit 7	Kit 3
T1631	Kit 1	Kit 24	Kit 148	Kit 28	104805	Kit 4	Kit 6	Kit 11	–
CW1012	Kit 62	Kit 37	Kit 113	Kit 67	104813	–	Kit 74	Kit 65	Kit 32

Genuine Interpump / General Pump Kits



We stock a complete selection of original Interpump / General Pump repair kits. See previous page for our kit selection chart.

- Complete selection of repair kits
- See page 71 for our AP version of these kits for a lower cost alternative.

Part No.	Orig. No.	Kit No.
8.702-798.0	103001G	Kit1, Valve
8.702-800.0	103002B	Kit2, Piston Rod Oil Seal
8.702-801.0	103003B	Kit3, Crankshaft Oil Seal
8.702-802.0	103004B	Kit4, Valve Cap
8.702-803.0	103005B	Kit5, Valve Cap
8.702-805.0	103006B	Kit6, Piston Bolt
8.702-806.0	103007B	Kit7, Head Ring
8.702-116.0	103008B	Kit8HP old style 20mm Packing
8.702-115.0	1-0008 103008LP	Kit8, new style Packing Kit
8.900-444.0	103009X	Kit9 Packing Spacer
8.702-809.0	103010B	Kit10, Retainer 20mm Packing
8.702-810.0	103011B	Kit11, 22mm Head Ring
8.702-811.0	103012B	Kit12, 22mm Packing
8.702-812.0	103014B	Kit14, Retainer 22mm Packing
8.702-813.0	103015B	Kit15 Packing Adapter
8.702-814.0	103016B	Kit16, 24mm Packing
8.702-815.0	103017B	Kit17, 24mm Intermed. Ring
8.702-816.0	103018B	Kit18 Packing Retainer
8.702-817.0	103019B	Kit19, 20mm HP Packing
8.702-818.0	103019NB	Kit19 new style
8.702-820.0	103020B	Kit20, 20mm Intermed. Ring
8.702-821.0	103021B	Kit21, 20mm Head Ring
8.702-822.0	103022B	Kit22, 20mm Packing Retainer
8.702-823.0	103023B	Kit23, Piston Rod Oil Seal
8.702-824.0	103024B	Kit24, Piston Rod Oil Seal
8.702-825.0	103026B	Kit26, Piston Bolt
8.702-826.0	103027B	Kit27, 20mm Packing Assy
8.702-829.0	103028NB	Kit28, 20mm Packing Assy
8.702-830.0	103029NB	Kit29, 22mm Packing Assy
8.702-833.0	103032B	Kit32, Crankshaft Oil Seal
8.702-834.0	103037B	Kit37, Piston Rod Oil Seal
8.702-836.0	103038NB	Kit38, 36mm Packing
8.702-838.0	103041B	Kit41 Packing Adapter
8.702-840.0	103044B	Kit44, Piston Rod Oil Seal
8.702-843.0	103050B	Kit50, Valve Kit
8.702-844.0	103051B	Kit51, Timax Maintenance

Part No.	Orig. No.	Kit No.
8.702-847.0	103058B	Kit58, K5 Maint.
8.702-849.0	103060B	Kit60, K5 Complete Reblid
8.702-850.0	103061B	Kit61, K3 Complete Reblid
8.702-851.0	103062B	Kit62, Valve
8.702-852.0	103063B	Kit63 30mm Packing
8.702-853.0	103064B	Kit64, Packing with Intermed. Rings
8.702-854.0	103065B	Kit65 30MM Head Ring
8.702-855.0	103066B	Kit66 Packing Spacer
8.702-856.0	103067B	Kit67, 30mm Packing Assy
8.702-857.0	103069NB	Kit69, 20mm Packing w/Restop
8.702-858.0	103070B	Kit70, K7 Maint.
8.702-859.0	103071B	Kit71, Intermed. Ring w/Restop
8.702-860.0	103072B	Kit72, Maint. Kit
8.702-861.0	103074B	Kit74, Piston Bolt
8.702-864.0	103077B	Kit77, 20mm Packing w/Restop
8.702-868.0	103079NB	Kit79, 45mm Pckng w/Restop
8.900-484.0	103080B	Kit80, 45mm Packing Assy
8.702-870.0	103081B	Kit81 Intermed. Ring
8.702-872.0	103083B	Kit83, Oil Seal
8.702-873.0	103084B	Kit84, Valve Cap
8.702-874.0	103085B	Kit85 Complete Packing
8.702-875.0	103086B	Kit86 Packing Retainer
8.702-876.0	103087B	Kit87, Packing
8.702-877.0	103088NB	Kit88, Packing EZ3040G
8.702-878.0	103089B	Kit89 Intermed. Ring
8.702-879.0	103090B	Kit90, Head Ring
8.702-880.0	103091B	Kit91 Packing Retainer
8.702-882.0	103092NB	Kit92, Piston Seal
8.702-883.0	103093B	Kit93 Control Set W2
8.702-884.0	103094B	Kit94, Control Set
8.702-885.0	103095B	Kit95, KRUnloader
8.702-886.0	103096B	Kit96 Packing Assy
8.702-887.0	103097B	Kit97, Packing
8.702-888.0	103098B	Kit98, ZKW1 Maint.
8.702-961.0	103220B	Kit100, Hot Kit 190° Water (Replaces Kits #1 & #28)
8.702-893.0	103102B	Kit102 Unloader Maint.
8.702-896.0	103105B	Kit105,P10 Maint.
8.702-897.0	103106B	Kit106, Valve Cap
8.702-898.0	103107B	Kit107,Piston Bolt Pump T9281
8.702-899.0	103108B	Kit108, Head Ring for T-9281
8.702-900.0	103109NB	Kit109, 16 mm Packing New

Part No.	Orig. No.	Kit No.
8.702-901.0	103110B	Kit110, 16mm Intermed. Ring
8.702-902.0	103111B	Kit111, Packing Retainer, 16mm Pump T9281
8.702-903.0	103112B	Kit112, 16mm Packing Assy
8.702-904.0	103113B	Kit113, Packing Assy
8.702-908.0	103118B	Kit118, Packing
8.702-909.0	103119B	Kit119, Packing
8.702-910.0	103120B	Kit120, Unloader
8.702-912.0	103122B	Kit122, Valves
8.702-913.0	103123B	Kit123, Valve EZ3040
8.702-914.0	103124B	Kit124, Valve Cap and O-Ring for EZ Pump
8.702-915.0	103125B	Kit125, EZ Pump
8.702-916.0	103126B	Kit126, EZ Pump
8.702-917.0	103127B	Kit127, Packing EZ2542S
8.702-919.0	103129B	Kit129, Head Ring EZ Series
8.702-920.0	103130B	Kit 130 Packing Complete
8.702-921.0	103131B	Kit131, EZ Pump
8.702-923.0	103134B	Kit134 Valve TH Pump
8.702-928.0	103140B	Kit140, Packing Assembly, T9111
8.702-929.0	103141B	Kit141, General
8.702-930.0	103148B	Kit148 22mm Packing
8.702-931.0	103149B	Kit149, Ring Intermediate
8.702-932.0	103150B	Kit150, Valve General T5050
8.702-933.0	103151B	Kit151 Packing Retainer
8.702-934.0	103153B	Kit153, Packing Kit
8.702-936.0	103156B	Kit156 13mm Packing
8.702-937.0	103159B	Kit159 Oil Seal
8.702-938.0	103160B	Kit160 Short Packing
8.702-939.0	103161B	Kit161 Packings
8.702-940.0	103162B	Kit162 Packings
9.841-673.0	103163B	Kit163 Seal Retainer
8.702-941.0	103164B	Kit164 Int Ring
9.841-638.0	103165B	Kit165 Int Ring
8.702-942.0	103166B	Kit166 Long Kit1
8.702-943.0	103167B	Kit167 Packing Assy
8.702-945.0	103169B	Kit169 Valve Kit
8.702-946.0	103170B	Kit170LP Seal Kit & HP Seal
8.702-947.0	103171B	Kit171 Packings
8.702-948.0	103172B	Kit172 Low/High Packing
8.702-949.0	103173B	Kit173 Packings
8.702-954.0	103181B	Kit181 LP Seal Kit & HP Seal
8.702-955.0	103182B	Kit182 Packings
8.702-958.0	103201B	Kit201 Valve Kit

Kärcher Axial Pumps



Part No.	Shaft	GPM	PSI	RPM
9.120-021.0	3/4"	2.6	3000	3400
9.120-020.0	5/8"	2.6	3000	3400
9.120-019.0	1"	4.0	4000	3400

*NOTE: Can be used to replace Comet pumps listed above

AR Triplex Ceramic Plunger Pumps



8.702-585.0

Direct Drive Gas Engine Flanged Models

Part No.	Original No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight (lbs)
8.702-552.0	101804	XTV3G16D-F7	3.0	1600	3.0	3400	3/4"	10
8.702-494.0	101701	XTV3G22D-F7	3.0	2200	4.5	3400	3/4"	11
8.702-501.0	101718	XMV25G26D-F25	2.5	2600	5.0	3400	3/4"	19
8.702-498.0	101711	XMV3G30D-F24	3.0	3000	6.0	3400	1"	19
8.702-495.0	101702	XMV3G25D-F25	3.0	2500	5.0	3400	3/4"	19
8.702-546.0	101796	XMV35G25D-F24	3.5	2500	5.5	3400	1"	19
8.702-542.0	101792	XMV35G25D-F25	3.5	2500	5.5	3400	3/4"	19
8.702-547.0	101797	XMV4G30D-F24	3.8	3000	7.5	3400	1"	19
8.702-585.0	101865	RKV35G30AD-F24	3.5	3000	5.0	3400	1"	21
8.702-586.0	101866	RKV4G30AD-F24	4.0	3000	7.5	3400	1"	21
8.702-587.0	101867	RKV4G32D-F24	4.0	3200	8.5	3400	1"	21
8.702-588.0	101868	RKV4G35HD-F24	4.0	3500	10.0	3400	1"	21



8.702-531.0

Solid Shaft Models



Part No.	Original No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight (lbs)
8.702-506.0	101731	XTA3G22N	3.0	2200	4.5	1750	24mm	11
8.702-507.0	101734	XTA3G19N	3.0	1900	4.0	1750	24mm	11
8.715-307.0	101780	XMA3.5G25N	3.5	2500	5.5	1750	24mm	18
8.702-590.0	101870	RKA4G20N	4.0	2000	5.0	1750	24mm	19
8.702-593.0	101873	RKA4G30N	4.0	3000	7.5	1750	24mm	19
8.702-595.0	101875	RKA4G35N	4.0	3500	10.0	1750	24mm	19
8.702-597.0	101877	RKA4G40HN	4.0	4000	11.0	1750	24mm	21
8.702-520.0	101765	XW2128N	5.5	4060	15.0	1450	24mm	34
8.702-513.0	101750	XW2623	6.87	3400	15.0	1450	24mm	34



8.702-504.0

Direct Drive Electric Flanged Models



Part No.	Original No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight (lbs)
8.702-504.0	101730	XTA2G15E	2.1	1500	2.0	1750	5/8"	9
8.702-550.0	101801	XTV2G15EBA-F8	2.1	1500	2.0	3400	5/8"	10
8.702-551.0	101803	XTV3G16E-F8	3.0	1600	3.0	3400	5/8"	10
8.702-508.0	101737	XTV3G20E-F8	3.0	2000	4.0	3400	5/8"	11
8.702-500.0	101717	XTV3G22E-F8	3.0	2200	4.5	3400	5/8"	11
8.702-515.0	101756	XTA3G22E-F8	3.0	2200	4.5	1750	5/8"	11
8.702-514.0	101755	XTA3G16EBA-F8	3.0	1600	3.0	1750	5/8"	10
8.702-591.0	101871	RKA4G20E-F17	4.0	2000	5.0	1750	1-1/8"	21
8.702-592.0	101872	RKA4G30E-F17	4.0	3000	7.5	1750	1-1/8"	21

AR Pump Repair Kit Selection Chart

Use the following chart to find AR Repair Kits by pump model number. See next page for AR kit pricing. We also stock a broad selection of non-kit AR repair parts.



Pump Model	Water Seals	Check Valves	Oil Seals	Piston Kit	Piston Guide	Support Rings	Hot Kit
XJV	AR002798	AR001864	AR002797	AR002796	AR1980180 ea	AR1980190 ea	NA
XJW	AR002800	AR001864	AR002797	AR002796	AR1980180 ea	AR1980190 ea	NA
XT-15MM	AR001866	AR001864	AR001872-N ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V AR002725-H/D
XT-18MM	AR001874	AR001864	AR001872-N ver	AR002629	AR1260450 ea	AR1320340 ea	AR002030-V AR002726-H/D
XTA-15MM	AR001866	AR001864	AR001860-E ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V
XTA-18MM	AR001874	AR001864	AR001860-E ver	AR002629	AR1260450 ea	AR1320340 ea	AR002030-V
XTV	AR001866	AR001864	AR001860-D, E ver AR001872-N ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V AR002725-H/D
XM-15MM	AR002741	AR001864	AR002786-N ver	AR002544	AR1780090 ea F	AR002740 AR1780100 ea R	AR002776
XM-18MM	AR002747	AR001864	AR002786-N ver	AR002545	AR1780110 ea F	AR002745 AR1780120 ea R	AR002777
XMA-15MM	AR002741	AR001864	AR002786-N ver	AR002544	AR1780090 ea F	AR002740 AR1780100 ea R	AR002776
XMA-18MM	AR002747	AR001864	AR002786-N ver	AR002545 AR002787-E ver	AR1780110 ea F	AR002745 AR1780120 ea R	AR002777
AR002776	XMV	AR002741	AR001864	AR002786-N ver	AR002544 AR002787-D ver	AR1780090 ea F	AR002740 AR1780100 ea R
XRC-18MM	AR001857	AR001828	AR001855- N ver	AR002546	AR1380090 ea	AR001829	AR002809
XRC-20MM	AR001887	AR001828	AR001855- N ver	AR002547	AR1380150 ea	AR001815	AR002810
XRCA-18MM	AR001857	AR001828	AR001855- N ver	AR002546 AR001856-E ver	AR1380090 ea	AR001829	AR002809
XRCA-20MM	AR001887	AR001828	AR001855- N ver	AR002547 AR001856-E ver	AR1380150 ea	AR001815	AR002810
XRCV	AR001857	AR001828	AR001856-D, E ver	AR002546	AR1380090 ea	AR001829	AR002809
RK-18MM	AR001857	AR002864	AR001855-N ver	AR002546	AR1380090 ea	AR001829	AR002809
RK-20MM	AR001887	AR002864	AR001855-N ver	AR002547	AR1380150 ea	AR001815	AR002810
RKA-18MM	AR001857	AR002864	AR001855-N ver	AR002546	AR1380090 ea	AR001829	AR002809
RKA-20MM	AR001887	AR002864	AR001855-N ver	AR002547	AR1380150 ea	AR001815	AR002810
RKV	AR001857	AR001828	AR001856	AR002546	AR1380090 ea	AR001829	AR002809
XW-20MM	AR002782	AR002780	AR002781	AR002650	AR002784	NA	AR002778
XW-22MM	AR002783	AR002780	AR002781	AR001891	AR002785	NA	AR002779
XWA-20MM	AR002782	AR002780	AR002781	AR002650	AR002784	NA	AR002778
XWA-22MM	AR002783	AR002780	AR002781	AR001891	AR002785	NA	AR002779
SXW-18MM	AR002874	AR002871	AR002873	AR002548	AR002875	NA	NA

AR Pump Kits



Original Factory Direct Repair Kits. See previous page for kit selection chart. Don't see what you're looking for? Give us a call. We stock a broad selection of AR replacement parts. AR piston kits contain all that you need to repair broken pistons. O-rings, washers, nuts, plungers... YOU GET IT ALL!

Part No.	Original No.	Kit Description
8.720-573.0	AR001804	Packing
8.720-574.0	AR001805	Packing, 20mm
8.740-118.0	AR001806	Pump
8.720-575.0	AR001815	Piston
8.720-578.0	AR001825	Valve Kit
8.720-579.0	AR001826	Piston Bolt
8.720-581.0	AR001828	Valve
8.720-582.0	AR001829	Ring, Support XRA/XRV*
8.720-583.0	AR001830	Repair, AR 2882 O-Rings Only
8.720-585.0	AR001842	Piston, XRA/XRV*
8.720-586.0	AR001843	Piston, XRA, XR
8.720-592.0	AR001855	Oil Seal, XRA*
8.720-593.0	AR001856	Oil Seal, XRV
8.720-594.0	AR001857	Packing XRA/XRV*
8.720-596.0	AR001860	Seal, Oil, XTV*
8.720-597.0	AR001864	Valve Kit
8.720-598.0	AR001865	Oil Seal
8.720-599.0	AR001866	Water Seals
8.720-601.0	AR001869	Repair Unloader
8.720-602.0	AR001872	Oil Seal
8.720-603.0	AR001873	Oil Seal Kit Cmplt
8.720-604.0	AR001874	Packing

*Series

Part No.	Original No.	Kit Description
8.720-606.0	AR001887	Water Seals
8.720-611.0	AR002031	Viton Seal, XRA
8.720-612.0	AR002043	Oil Seal
8.720-613.0	AR002044	Seal
8.720-632.0	AR002544	Piston, XM*
8.720-633.0	AR002546	Piston XRCA/XRCV
8.720-643.0	AR002624	Seal
8.720-644.0	AR002628	AR Piston #2628
8.720-649.0	AR002697	Repair, Combi-Set
8.720-651.0	AR002740	Support Ring, XM*
8.720-652.0	AR002741	Water Seal, XM*
8.720-655.0	AR002747	Packing XMA* 18MM
8.720-658.0	AR002776	Hot/Dry Cup
8.720-661.0	AR002780	Valve XWA8G30N-SX
8.720-662.0	AR002781	Seal XWA8G30N-SX
8.720-663.0	AR002782	Piston Seal, XWA8G30N-SX
8.720-665.0	AR002784	Piston Guide, XWA8G30N-SX
8.720-667.0	AR002786	Oil Seals XMA35G25N
8.720-668.0	AR002787	Oil Seals
8.720-684.0	AR002864	Valve Kit, RK*

*Series

For use in homeowner or light commercial duty pressure Washer.



- One piece bronze connection rods
- Built in unloader
- Increased surface area for lower operating temperatures
- Ultra high pressure head



Part No.	Original No.	Model No.	GPM	PSI	RPM	Shaft Dia
9.802-357.0	5-2107	AXD 2020 E	1.9	2000	3400	3/4"
8.702-576.0	101850	AXD 3020 G	2.75	2000	3400	3/4"
8.715-286.0	830160	AXD 2427 G	2.5	2700	3400	3/4"
8.750-238.0		AXD 2020 E	1.9	2700	3400	3/4"
8.725-613.0		BXD 2527 G	2.4	2700	3400	3/4"
8.725-614.0		BXD 3025 G	2.8	2500	3400	3/4"

Comet kits and parts are available for any Comet model. Call with model number for quick and accurate service.

Part No.	Original No.	Model No.
8.721-902.0	CT0202002000	Piston 15MM FWD
8.721-903.0	CT0202002200	Piston 18MM FWD
8.718-556.0	CT5019003500	Seal Kit LWD HP
8.721-979.0	CT5019003800	Packing Kit FWS / FWD
8.721-985.0	CT5019004500	Seal Kit Oil LW Series Hollow
8.721-986.0	CT5019006400	Seal Kit ZWD4030G
8.721-987.0	CT5019006500	Seal Kit Hollow Shaft Pumps
8.721-988.0	CT5019007700	Seal Kit AXD3020
8.721-989.0	CT5019007800	Seal Kit AXD2020
8.750-711.0		Seal Kit BXD2020 E
8.721-996.0	CT5025001100	Valve Kit ZWD / FWS / FWD / HW / FW / LW
8.721-997.0	CT5025001400	Valve Kit AXD3020
8.725-562.0		Valve Kit BXD
8.725-556.0		Valve Kit, Unloader BXD

Ceramic Plungers



Precision ground, high polish, solid ceramic plungers, designed for long life even under constant use.

Part No.	Original No.	General Pump Part No.	Size
8.703-185.0	104798	51040109	18mm
8.703-187.0	104800	52040009	15mm, EZ Series
8.703-188.0	104801	46040009	For W50 Pump
8.703-189.0	104802	76040056	30mm
8.703-190.0	104803	47040409	20mm
8.703-191.0	104804	44040109	18mm, EZ Series
8.703-192.0	104805	47040509	22mm
8.900-575.0	104806	51040166	18mm, TP Series
8.703-193.0	104807	47040609	24mm Solid, Ceramic
8.703-194.0	104808	47040856	16mm, 47 Series
8.703-195.0	104809	50040409	20mm, T Series 49
8.703-196.0	104810	61040056	20mm, 76 & 77 Series
8.703-197.0	104811	69040009	36mm
8.703-198.0	104812	44040266	13mm, EZ Series
8.703-199.0	104813	69040109	30mm
8.703-200.0	104815	76040209	45mm
8.703-767.0	107921	66040109	22mm, TSF2221
8.703-768.0	107923	66040409	24mm

Packing & Seal Kits

UPC, General Pump and Interpump Replacement Kits



Time-tested Quality Parts Meet or Exceed Factory Specifications

Part No.	Original No.	Description
8.900-438.0	103001X	Kit 1, Check Valve
8.900-440.0	103002X	Kit 2, Oil Seal
8.900-441.0	103003X	Kit 3, Crankshaft Oil Seal
8.900-442.0	103008LPX	Kit 8, New Style packing Kit
8.900-443.0	103008X*	Kit 8, V-Packing
8.900-444.0	103009X*	Kit 9, Intermed Packing
8.900-447.0	103012X*	Kit 12, V-Packing
8.900-456.0	103019X*	Kit 19, V-Packing
8.900-463.0	103023X	Kit 23, Crankcase Oil Seal
8.900-464.0	103024X	Kit 24, Crankcase Oil Seal
8.900-466.0	103027X*	Kit 27, Plunger Repair
8.900-468.0	103028X*	Kit 28, Plunger Repair
8.900-471.0	103029X*	Kit 29, Plunger Repair
8.900-476.0	103037X	Kit 37, Oil Seal
8.900-485.0	103083X	Kit 83, Oil Seal
8.900-488.0	103087X	Kit 87, V-Packing
8.900-492.0	103097X	Kit 97, Packing

*These are old style kits to replace components in Interpump/General pumps with two brown Buna-V packings; (pumps built before the change was made to restop ring and black low-pressure seals.)

Piston Pumps



8.702-156.0

- Cast iron body
- Stainless steel check valves
- Complete with base or torque arm
- Buna cups
- 140° max temp except 5321
- 180° max temp. 5321
- 1/2 NPT Ports

Part No.	Original No.	Hypro	GPM	PSI	RPM
Solid Shaft					
8.702-155.0	100314	5315	1.5	500	1750
8.702-158.0	100319	5320	2.0	500	1750
8.702-161.0	100322	5321	2.2	1000	1750
8.702-163.0	100325	5324	2.9	800	1750
8.702-167.0	100331	5330	3	500	1750
Hollow Shaft					
8.702-156.0	100315	5315	1.5	500	1750
8.702-157.0	100316*	5315	1.5	500	1750
8.702-159.0	100320	5320	2.0	500	1750
8.702-160.0	100321	5321	2.2	1000	1750
8.702-162.0	100324	5324	2.9	800	1750
8.702-164.0	100326	5325	2.5	500	1750
8.702-166.0	100330	5330	3.0	500	1750
8.702-146.0	100301	Injector Head 5320/5330 Pump			
8.702-152.0	100306	Injector Head 5321/5324 Pump			

*100316 Has Teflon Seals

Pump Parts & Tools



For 5300 series pump.



Piston Repair Kit Valve Seat Tools Valve Cage Tools

- A necessity for working on 5300 series pumps
- Rugged construction

Part No.	Original No.	Description
8.722-629.0	H34300010	Piston Repair Kit (Model 5320 pump)
8.722-634.0	H34300144	Piston Repair Kit (Model 5321 pump)
8.722-641.0	H34300197	Check Valve Kit (All 5300 Pumps)
8.712-510.0	449052	Valve Cage Tool
8.712-512.0	449071	Valve Seat Tool

NOTE: Piston Repair Kits have Buna seal

Jetter Pulse Valves



Replaces valve cap to create pulsation action, to move nozzle in pipe cleaning applications.

Part No.	Original No.	Description
8.712-248.0	410316	For EZ Pumps
8.712-249.0	410317	For 47 Series Pumps
8.712-250.0	410318	For TT Pumps

PUMPS

Accumulator by Interpump



Pulse Dampener.



- 3/4" MPT connector
- 10 GPM max flow
- 1350 PSI max pressure
- Weight 1 lb

Part No.	Original No.	Description
8.711-148.0	381110	Accumulator

Accumulator - Pulse Dampener



- Max Temp - 180°F
- Precharge Pressure 580 PSI

8.711-145.0 8.711-147.0

Part No.	Original No.	Working PSI	Capacity	Inlet
8.711-145.0	381102	3100	21.4 CU"	1/2"F
8.711-146.0	381103	3100	6.1 CU"	3/8"F
8.711-147.0	381104	4400	2.5 CU"	3/8"F

Packing Extractor

Virtually Unbreakable Sockets will pull Packings from Interpump, General and other brand pumps.

Easy to Use: Slide-Hammer (shown below) attaches to Slotted Socket—which expands inside the Packing Gland. The Slide Hammer then pops the Packing Gland Brass out of the Head to facilitate easy seal repairs without damage to Brass Support Rings.



Part No.	Original No.	Description
Slide Hammer		
8.712-513.0	449299	Hammer Only

Sockets for Regular Slide Hammer

8.712-516.0	449302	18mm Socket
8.712-515.0	449301	15mm Socket
8.712-517.0	449303	20mm Socket
8.712-518.0	449304	22mm Socket
8.712-520.0	449307	25mm Socket

Large Slide Hammer

8.712-521.0	449309	Large Slide Hammer
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Sockets for Large Slide Hammer

8.712-523.0	449311	30mm Socket
8.712-524.0	449312	38mm Socket
8.712-525.0	449313	45mm Socket

Interpump Packing Extractor Tool



Expansion Tool inserts into Packing Gland to remove lodged Packing Components.



Part No.	Original No.	Description
8.712-522.0	449310	Extractor (only)

Expansion Sockets for Extractor Above

8.712-526.0	449315	15mm (Ref Kit 86 & 97)
8.712-528.0	449320	20mm (Ref Kit 8 & 19)
8.712-529.0	449322	22mm (Ref Kit 12)
8.712-530.0	449324	24mm (Ref Kit 16)

NOTE: 15mm Expansion Sockets also fit Admiral Pump W-Series pumps.

O-Ring Tool

Indispensable for Pump Repair. Excellent for removing O-rings, seals, etc.

- 6" long dental pick
- Knurled handle
- Stainless steel
- Double-end



Part No.	Original No.	Description
8.707-467.0	249737	Dental Pick
9.802-568.0	959260	Pliers, Seal Extractor

V-Packing Insertion Tool Kit



Contains Inserting Tools for installing 20mm, 22mm and 24mm V-Packings in the Packing Gland. Prevents damaged sealing surfaces.

Part No.	Orig. No.	Description
8.712-519.0	449305	V-Packing Kit

Pump Oil



Formulated to meet the factory specifications for Legacy, Interpumps, General Pumps and other high pressure

Part No.	Orig. No.	Description
8.901-077.0	112055	Pump Oil (quart)
8.901-080.0	112075	Case Lot (qty 12)

Pump Lube



- A premium quality lubricating oil fortified with additives to reduce friction, foaming & corrosion
- Excellent for use in CAT PUMPS and other fine precision machinery

Part No.	Orig. No.	Description
8.901-078.0	112056	Pump Lube (quart)
8.901-081.0	112076	Case Lot (qty 12)

“Inter-Lube-Red” Gear Lube



Inter-Lube Red Gear Lube is a multi-viscosity SAE 80W 90 lubricant with anti-friction, anti-foaming and corrosion inhibitor additives. Use in Admiral Geared Speed Reducers and Interpump/General RS99, RS151, PTO as well as other High Speed Gear Boxes.

Part No.	Orig. No.	Description
8.901-076.0	112052X	Interlube (quart)
8.901-079.0	112072X	Case Lot (qty 12)

Complete Pump Extraction Kit



- 13mm - 24mm in a carrying case
- Slide hammer
- 13mm, 15mm, 18mm, 20mm, 22mm and 24mm sockets

Part No.	Description
8.723-619.0	Extraction Kit

Geared Reduction



Specifically designed for Legacy and Admiral pumps



- Engine-to-Pump drive units
- 2.1 to 1 reduction ratio (3675 Eng. RPM=1750 Pump RPM)
- Engine shaft size = 1" or 1-1/8"
- Pump shaft size = 24mm or 30mm

Part No.	Original No.	Description
8.710-332.0	349120	24mm Pump x 1" Engine
8.710-333.0	349121	30mm Pump x 1" Engine
8.710-334.0	349122	30mm Pump x 1-1/8" Engine

Geared Reduction



Fits: Admiral - Interpump - AR - Comet - Udor - Hawk



- Engine-to-Pump drive units
- 2.18 to 1 reducer
- For 11-18 HP Gasoline Engine
- For pumps with a 24mm shaft

Part No.	Original No.	Description
8.710-335.0	349130	1" Engine Shaft
8.710-336.0	349131	1-1/8" Engine Shaft

PTO Geared Multiplier



- 1 to 1.9 speed multiplier
- 1-3/8" splined shaft (same shaft as standard tractor PTO)
- 540 RPM PTO speed multiplied to 1026 RPM at pump shaft
- For pumps with a 24mm shaft

Part No.	Original No.	Description
8.710-319.0	349005	Gear Multiplier

Anti-Seize Compound

Recommended for All Metal to Metal Power Drive Assemblies – Facilitates Removal After Use.



- Copper - Graphite or Nickel
- Copper - Graphite High torque for high temperature to 1800°F
- Nickel continues to work up to 2400°F
- Stops rust, galling & seizure on pulley/shaft or gear/shaft interfaces

Part No.	Orig. No.	Description
8.704-638.0	112299	Blister Pack (1 appl) copper - graphite
8.704-641.0	112305	8 oz Brush Top Can - nickel

Geared Reduction for Kärcher Pumps



Part No.	Engine Shaft	Pump Shaft	Weight	Gear Ratio	Engine Power
B18					
8.715-342.0	1"	24 mm	139.3 oz.	2.176:1	11-18HP

Geared Reduction Units Interpump / General



For use with 1450 RPM Interpump, General Pumps and Admiral A-W99

RS99 – 2.4:1 Gear Reduction (3480 Eng. RPM = 1450 RPM Pump)
For 3-5 HP Briggs, Honda-Tecumseh-Kohler with 3/4" shaft

RS151 – 2.2:1 Gear Reduction (3190 eng. RPM = 1450 RPM pump)
For 7-18 HP Briggs, Honda engines with 1" or 1-1/8" shaft (must specify)
Use with the appropriate size: "WS" series Interpump, "TS" series General pump



8.710-321.0

- Eliminates belts, pulleys & belt guards
- Engine-to-Pump drive units
- Improve efficiency

Part No.	Original No.	Engine Shaft
RS-99		
8.710-321.0	349009	3/4"
RS-151		
8.710-322.0	349011	1"
8.710-324.0	349013	1-1/8"



8.710-322.0

PUMP ACCESSORIES

Flanges

Direct Attachment of Interpump/General Pumps to NEMA Standard C-Face Motors.



Part No.	Orig. No.	NEMA Frame	Pump Frame Size
8.709-613.0	336020	56/145TC	W973
8.709-615.0	336024	184TC*	W995
8.709-616.0	336025	215TC**	W913
8.709-870.0	339120	8-13 HP(G)	WW161

*W995/GD
**W913/GM

Flex Couplers



24mm Pump Shaft Couplers. Direct Drive Flex Coupling
24mm Interpump/General & Admiral XLS Series Pumps to NEMA Standard Motor Shafts.



2-Piece Coupler

Part No.	Orig No.	NEMA Frame	Drive Shaft
2-Piece Coupler			
8.709-617.0	336028	56 A	5/8"
8.709-619.0	336030	145 T	7/8"
8.709-621.0	336032	184 T	1-1/8"
8.709-624.0	336036	215 T	1-3/8"
8.709-869.0	33912A	Gas (Aluminum)	1"
8.701-262.0	080320	Rubber Bumper - Replacement	

Pump Technical Information

Correct Pump Installation is essential for optimum performance.

It is recommended that the pump flow capacity be oversized for the actual flow required. For optimum running of the system the water circulated through the regulating valve should not exceed 10 - 15% of the pump flow. Recirculating too much water can generate heat in the supply tank increasing the cavitation risk.

Frequently Asked Questions

Question: How much should you reduce the pump RPM to achieve a lower flow capacity?

Answer: Required R.P. M. = Expected capacity X $\frac{\text{Max R.P. M. allowed}}{\text{Max allowed capacity}}$

Question: What diameter of pulley must I use to achieve the correct pump RPM?

Answer: External diameter of the engine / motor pulley = External diameter of the pump pulley X $\frac{\text{R.P. M. pump}}{\text{R.P.M. motor/engine}}$

Question: What if I cannot change the engine / motor pulley?

Answer: External diameter of the pump pulley = External diameter engine / motor pulley X $\frac{\text{R.P. M. engine / motor}}{\text{Pump R.P.M.}}$

Question: If the engine / motor is running at a lower RPM than the maximum pump RPM allowed, what will be the pump flow capacity?

Answer: Attainable maximum capacity = Engine / Motor R.P.M. X $\frac{\text{Max. capacity indicated on the label}}{\text{Max R.P.M. indicated on the label}}$

Question: What is the approximate power required to achieve the max. performances allowed?

Answer: Required electric motor HP $\frac{\text{PSI} \times \text{GPM}}{1460} = \text{Electric Motor HP}$
Required gas engine HP $\frac{\text{PSI} \times \text{GPM}}{1460} \times 1.30 = \text{Gas Engine HP}$

Conditions to prevent pump cavitation: Minimum difference in height HZ (pos/neg) between pump and water level.

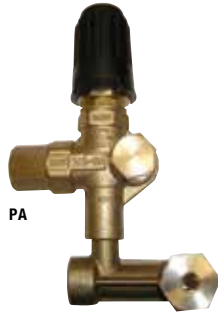
The minimum inlet pressure value of the pump is limited by the cavitation phenomenon. Cavitation is the forming of vapor bubbles when the local pressure is below the vapor pressure of the liquid. Bubbles flow together with the liquid and when they reach a higher pressure area, they collide, generating abnormal stresses that are extremely dangerous to the pump components.

To avoid the risk of cavitation, it is necessary that the pump installation is correct.

Kärcher Unloader Valves



- PA VB8** - 8 GPM, 3650 max PSI
- VBXL** - 13 GPM, 3000 max PSI
- VBA35** - 6.6 GPM, 3500 max PSI
- MV520** - 8 GPM, 2000 max PSI
- PA** - 8 GPM, 3360 max PSI
- VB55** - 8 GPM, 3200 max PSI



PA

Part No.	Old No.	Description
9.802-362.0	5-3027	PA VBB w/ switch (N/C)
9.803-899.0	5-3329	VBA35 for Kärcher KG, KD, and KE pumps
8.715-508.0	5-3324	VBXL 13 GPM @ 3000 PSI knob
8.712-589.0	5-3505	MV520 for Kärcher KD and KE pumps
9.803-900.0	5-3330	VBA35 for Kärcher KM and KS pumps
9.802-363.0	5-3029	PA for Kärcher KM and LS pumps
9.802-361.0	5-3025	VB55 w/ 1/8" Bore for Easy Start
8.715-502.0		HM DX Unset (921462)

Legacy Universal Unloader (UU1)



The Legacy Universal Unloader is unique in that it allows for height or width adjustments making it ideal for any pump. Exclusively available through Spraymart.

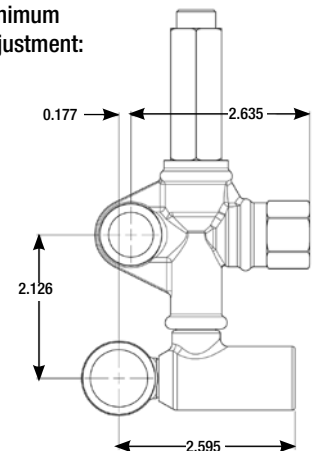
- 6 GPM
- 3500 PSI
- 195°F
- Forged brass body
- 1/2" NPT inlet
- 3/8" NPT outlet
- Stainless steel seat and low-friction, wear-resistant plunger
- 16.1 oz weight



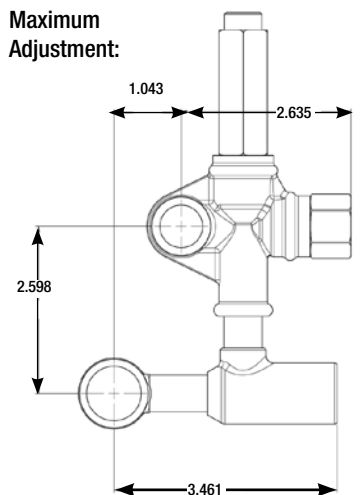
Patent Pending

Part No.	Description
9.175-018.0	Universal Unloader

Minimum Adjustment:

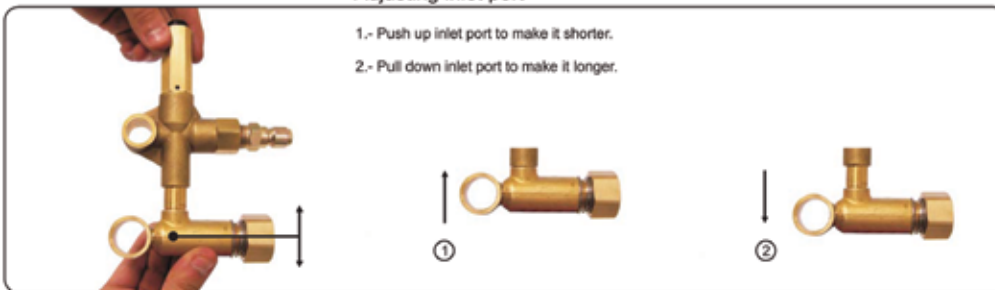


Maximum Adjustment:



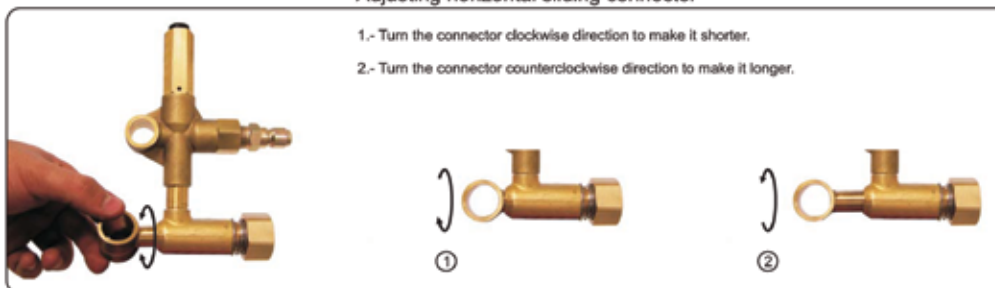
Adjusting inlet port

- 1.- Push up inlet port to make it shorter.
- 2.- Pull down inlet port to make it longer.



Adjusting horizontal sliding connector

- 1.- Turn the connector clockwise direction to make it shorter.
- 2.- Turn the connector counterclockwise direction to make it longer.



UNLOADERS

Automatic Pressure Regulator

Integral Regulator For Admiral Pumps: WE - WG - WEL - XLS - XLE - XLG bolt on for Admiral and Legacy Pumps. Trapped pressure regulator specifically designed for use on the Admiral plunger pumps. Integral inlet, bypass and outlet eliminates the need for bypass hose.



8.703-401.0

- 6 GPM
- 3200 PSI
- 195°F
- Forged brass body
- 3/8" MPT outlet
- Stainless steel plunger & seat valve
- 29 oz weight

Part No.	Orig. No.	Description	Inlet
8.703-401.0	106020	APR-Brass/ Black	3/8"
9.802-365.0	106022	APR-Brass/ Black	1/2"
8.900-760.0	109139	Seal Repair Kit - 3/8"	
8.900-761.0	109139X	Seal Repair Kit - 1/2"	
8.900-762.0	109140	Valve Seat Repair Kit	

Regulators / Unloaders



Basic Valves. Premium Performance.



- Forged brass body
- Stainless steel seat & piston
- 3/8" MPT inlet, outlet & bypass
- 200°F

520 Regulator / Unloader

- Rated @ 2000 PSI
- 13 oz weight
- Tested up to 2400 PSI
- 8 GPM

540 Regulator / Unloader

- Rated @ 2600 PSI
- 15 oz weight
- Tested up to 2800 PSI
- 8 GPM



560 Regulator / Unloader

- Rated @ 3200 PSI
- 15 oz weight
- Tested up to 3400 PSI
- 8 GPM

Repair Kits

- For use with 520, 540, and 560 Regulator/Unloaders

Part No.	Original No.	Description
8.712-588.0	462320	520 w/o Knob
8.712-589.0	462320K	520 w/ Knob
8.712-590.0	462330	540 w/o Knob
8.712-591.0	462330K	540 w/ Knob
8.712-596.0	462340K	560 w/ Knob
8.704-003.0	109177	Seal Repair Kit
8.704-004.0	109178	Valve Seat Repair Kit

Model 550 Regulator / Unloader



The Quality Performer – Simple & Effective



- 8 GPM
- 3600 PSI
- 200°F
- Stainless steel valve
- Forged brass body
- 3/8" FPT outlet & (2) inlet ports
- 1/4" FPT bypass
- 22 oz weight

Part No.	Orig. No.	Description
8.904-572.0	462335	w/o Knob
8.904-573.0	462335K	w/ Knob
8.703-951.0	109060	Seal Repair Kit
8.703-953.0	109062	Valve Seat Repair Kit

Model 550 Regulator / Unloader w/ Bypass Switch



Same features as Model 550 (below left); Integral switch detects Full Bypass Mode.



- Normally Open (NO) or Normally Closed (NC) operation
- Use for burner control or time delay shutdown
- 29 oz weight

Part No.	Original No.	Description
8.712-594.0	462336	w/o Knob
8.712-595.0	462336K	w/ Knob
8.703-951.0	109060	Seal Repair Kit
8.703-953.0	109062	Unloader Seat Repair Kit
8.701-311.0	082022	Replacement Micro Switch
8.703-938.0	109041	Knob only (550)

Regulator / Unloader 580



Single Inlet.



- 8 GPM
- 3600 PSI
- 200°F
- 3/8" MPT inlet & outlet, 1/4" FPT bypass
- Adjustable pressure setting nut
- Heavy-duty forged brass body
- Stainless steel ball & valve seat
- High temperature Viton seals
- Adjustable upper pressure limit lock

Part No.	Original No.	Description
8.712-733.0	463350	w/o Knob
8.712-734.0	463350K	w/ Knob
8.703-951.0	109060	Seal Repair Kit
8.703-953.0	109062	Valve Seat Repair Kit

VRT3 Unloader Valves



- Forged brass body
- Stainless internals
- Up to 4500 PSI
- 200°F
- 8 GPM
- 3/8" in-out/bypass

Part No.	Spring	PSI
8.750-297.0	Yellow	2320
8.750-298.0	Blue	3630
8.750-299.0	Black	4500
8.750-709.0	Repair Kit,	2320/3630
8.750-710.0	Repair Kit	4500
8.750-300.0	Black with EZ Start	4500

Pulsar Unloaders



- Pulsar 3 blue rated 3200 PSI – Max 3650 PSI
- Pulsar 3 white rated 1400 PSI – Max 1750 PSI
- Pulsar 280 HP rated 4050 PSI – Max 4350 PSI
- 195°F
- 8 GPM
- All stainless steel valves
- Pressure actuated
- Forged body
- 3/8" FPT inlet, outlet
- Two 3/8" FPT bypass ports

Part No.	Original No.	Description
8.712-650.0	462650	Pulsar 3 (Blue) w/ Knob
8.712-651.0	462651	Pulsar 3 (Blue) w/o Knob
8.712-653.0	462654	Pulsar 3 (White) w/ Knob
8.712-731.0	463150	Pulsar 280 HP
8.704-462.0	111100	Repair Kit – Pulsar 3
9.802-004.0	111375	Repair Kit – 280 HP

VB7 Regulator / Unloader



Fits CAT 4SF pumps and other pumps; 7.8 GPM – 3600 PSI max pressure.



- Rated pressure: 3200 PSI
- 200°F
- 3/8" MPT inlet, 1/4" FPT gauge port
- 3/8" FPT outlet & bypass
- 19.7 oz weight

Part No.	Original No.	Description
8.712-741.0	463670	w/o Knob
8.904-580.0	463670K	w/ Knob
8.704-488.0	111175	Repair Kit
8.712-735.0	463600	Knob Only

VB130 Regulator / Unloader



Fits CAT 2SF pumps and other pumps; 6.6 GPM – 2600 PSI max pressure.



- Rated pressure: 2300 PSI
- 200°F
- 3/8" MPT inlet & outlet
- 3/8" FPT bypass
- Stainless steel plunger & valve seat
- Stainless steel valve seat
- 14.7 oz weight

Part No.	Original No.	Description
8.712-739.0	463660	w/o Knob
8.904-579.0	463660K	w/ Knob
9.802-006.0	111150	Repair Kit
8.712-735.0	463600	Knob Only

Regulator / Unloader 21 Gallon



- VB80/280 rated @ 4500 PSI
- VB80/150 rated @ 2250 PSI
- 200°F
- Pressure actuated
- Forged brass body
- Stainless steel plunger & seat
- 1/2" FPT in-out-bypass
- 45 oz weight

Part No.	Orig. No.	Description
8.715-459.0	462655	VB80/280 - Blue Spr
8.712-657.0	462657	VB80/150 - White Spr
8.704-530.0	111300	Repair Kit

VB75 / VB135



The VB75 is an integrated unloader for INTERPUMP/GENERAL pumps with 7.8 GPM – 3600 PSI max pressure. The VB135 fits Interpump "WW" Series Pumps and General "TT" Series Pumps with 6.5 GPM – 2600 PSI max pressure.



VB75

- VB75
- Rated pressure: 3200 PSI
- 200°F
- 1/2" MPT inlet, 1/4" FPT gauge port
- 3/8" FPT outlet & bypass
- 19.7 oz weight

- VB135
- Rated pressure: 2300 PSI
- 200°F
- 3/8" MPT inlet, 1/4" FPT outlet
- Stainless internals
- Forged brass body
- 22.9 oz weight



VB135

Part No.	Original No.	Description
VB75		
8.712-742.0	463672/462646	Series 44 (EZ) & 47 pumps (W151)
8.704-488.0	111175	Seal Kit
8.712-735.0	463600	Knob Only
VB135		
8.712-659.0	462659	VB 135
8.712-735.0	463600	Knob Only
9.802-006.0	111150	VB 135 Repair Kit

VB350/4 Unloader



Bigger. Stronger. Faster - 5600 PSI



- 10.5 GPM
- Rated 5100 PSI
- Max 5600 PSI
- 195°F max
- Forged bronze body
- 31 oz weight
- Stainless steel plunger & valve seat
- 3/8" FPT outlet & bypass
- 1/2" F bypass
- 3/8" MPT inlet, 1/4" gauge port

Part No.	Original No.	Description
9.802-360.0	463680K	Unloader Red Knob
8.704-499.0	111200X	Repair Kit Old VB 350
9.800-106.0	111901	Repair Kit - Red Knob Version

Automatic Pressure Compensating Unloader Valves VB10 / VB9



7.8 GPM - 3600 PSI



VB10

- Rated 3200 PSI
- 194°F
- Reduces trapped pressure to 25% of operating pressure when unloading; allows easier gun trigger pull
- Instant pressure response
- Hex-shaped non-stick check valve
- 3/8" in/out/bypass
- Brass valve body/stainless ball & seat
- Knob included
- VB9 - Panel mountable

Part No.	Orig. No.	Description
8.712-736.0	463650	VB9 w/ Knob
8.715-462.0		VB9 w/ Knob & Pressure Switch
8.712-745.0	463675	VB10 w/ Knob
8.704-548.0	111336	Repair Kit VB9
8.704-561.0	111400	Repair Kit VB10
8.901-056.0	111401	Seal Kit VB10



8.715-462.0

UNLOADERS

VB200 / 150 High Volume Unloader



- 52.5 GPM
- Forged bronze body
- Large plastic knob (removable)
- Lock nut on pressure adjustment
- 2175 PSI
- 194°F
- 1" FPT Inlet, outlet & bypass
- Two 5/16" – 18 bolt mounting ports
- 73.5 oz weight

Part No.	Original No.	Description
8.712-754.0	463714	VB 200/150 w/o Knob
8.712-755.0	463715	VB 200/150 w/ Knob
8.704-583.0	111550	Repair Kit

VB80/400 Stainless Steel Unloader



21 GPM – 6200 PSI.



- Rated 5800 PSI
- Forged stainless steel body
- 195°F
- All stainless steel valve parts
- Viton seals
- 1/2" FPT inlet, outlet & bypass

Part No.	Original No.	Description
8.712-656.0	462656	VB 80/400
9.802-007.0	111340	Repair Kit

Hypro-Style Unloader



- All rated at 5 GPM
- Pressures from 400 to 1500 PSI
- 180°F
- Buna-N seals
- 3/8" MPT inlet & outlet
- 8 oz weight

Part No.	Original No.	Pressure	Bypass
8.712-689.0	462739	200-500	1/4" FPT
8.712-690.0	462740	400-1000	1/4" FPT
8.712-691.0	462743	800-1500	1/4" FPT
8.712-692.0	462745*	400-1000	
8.712-693.0	462748*	800-1500	
8.722-643.0	H34300223	Repair Kit for All	

*Bypass port not threaded, Closed Coupled

"K" Series Pressure Regulators Kits



Repair Kits for All K3, K5, K7 and K9 models

Part No.	Original No.	Description
8.702-850.0	103061B	K3 Rebuild Kit
8.702-847.0	103058B	K5 Maintenance Kit
8.702-849.0	103060B	K5 Rebuild Kit
8.705-045.0	140070	K5 Back Nut 3/4" NPT
8.702-858.0	103070B	K7 Repair Kit
8.702-911.0	103121B	K9 Repair Kit

"K" Series Pressure Regulators



Unloaders relieve line pressure in bypass mode.



K3 - 0-1500 PSI

- 3/8" FPT Inlet
- 165°F
- 1/2" FPT B

Part No.	Original No.	Model	GPM	Outlet
K3				
8.712-603.0	462530A	K3.0	2.10-2.90	3/8" M
8.712-605.0	462531A	K3.1	2.90-4.22	3/8" M
8.712-607.0	462532A	K3.2	4.22-5.55	3/8" M
8.712-609.0	462533A	K3.3	5.00-6.50	3/8" M
8.712-604.0	462530E	K3.0	2.10-2.90	1/2" M
8.712-606.0	462531E	K3.1	2.90-4.22	1/2" M
8.712-608.0	462532E	K3.2	4.22-5.55	1/2" M
8.712-610.0	462533E	K3.3	5.00-6.50	1/2" M

K5 - 1000-3000 PSI



K7 - 0-3000 PSI

Part No.	Original No.	Model	GPM	Outlet
K5				
8.712-611.0	462551A	K5.1	2.90-4.22	3/8" M
8.712-613.0	462552A	K5.2	4.22-6.60	3/8" M
8.712-615.0	462553A	K5.3	6.60-10.83	3/8" M
8.712-612.0	462551E	K5.1	2.90-4.22	1/2" M
8.712-614.0	462552E	K5.2	4.22-6.60	1/2" M
8.712-616.0	462553E	K5.3	6.60-10.83	1/2" M

NOTE: 1) Use #140070 Back nut on bypass nipple when mounting 1/2" bypass line on K3 & K5's. 2) Use restricted (.156 - .225 ID) orifice in bypass line for smoother operation/pressure balancing.

- 3/8" FPT
- 165°F

Part No.	Original No.	Model	GPM	Outlet
8.712-617.0	462570	K7.0	2.11-2.90	3/8" M
8.712-618.0	462571	K7.1	2.90-4.22	3/8" M
8.712-619.0	462572	K7.2	4.22-6.60	3/8" M
8.712-620.0	462573	K7.3	6.60-10.8	3/8" M



ZK1 - 0-3600 PSI

- 2.3-10.8 GPM
- 3/8" inlet BSP-F
- 165°F

Part No.	Original No.	Model	Outlet / Bypass
8.712-602.0	462526	2K138	3/8" BSP-M
8.712-601.0	462525	ZK1	1/2" BSP-M



K9 - 0-5800 PSI

- 1/2" FPT
- 165°F

Part No.	Original No.	Model	GPM	Outlet
8.712-621.0	462574	K9	13.2	1/2" M

Control Set "W" Series / Integrated Regulator / Unloader



Designed exclusively to fit INTERPUMP and GENERAL pumps.



- Mounts directly on pump inlet and outlet; internal bypass loop
- Pressure actuated: "Instant - On"
- 3/8" MPT outlets
- Integrated injector - optional
- Pressure and flow engineered for specific pump models

Part No.	Orig. No.	Model	GPM	Fits PSI	Pump
"W" Series Unloaders					
8.712-638.0	462636	W1	4.00	1600	W905
8.712-640.0	462639	W1-L	4.00	1600	W99
8.712-643.0	462643	W2	5.56	3000	W997
8.712-644.0	462644	W2-L	5.56	3000	W201
8.702-883.0	103093B	W2/W2L Rebuild Kit			
8.702-888.0	103098B	W1/W1L Rebuild Kit			

Part No.	Orig. No.	Model	GPM	Fits PSI	Pump
"W" Series Unloaders with Injectors					
8.712-637.0	462635	W1-0	2.1-2.9	1600	W907
8.712-641.0	462640	W1L-1	3.0-4.0	1600	W99
8.712-642.0	462642	W2-1	2.9-4.0	3000	W997
8.712-645.0	462645	W2L-1	2.9-4.0	3000	W201
8.712-647.0	462647	W2L-2	4.2-5.5	3000	WS202
8.702-884.0	103094B	Injector Maintenance Kit			

HM Regulator / Unloader



- Excess flow is bypassed to maintain selected pressure
- Will operate on single or multiple gun systems
- Brass body - Stainless steel valve & seat
- 3/8" FPT inlet
- 3/8" MPT outlet
- 3/8" FPT bypass
- Flow range - 1.4 to 10.8 GPM
- Pressure adjustable 0-3000 PSI

Part No.	Original No.	Description
8.712-622.0	462575	HM Regulator/Unloader
8.702-860.0	103072B	Repair Kit

YU - High Volume Unloader



- 21 GPM
 - 1/2" FPT inlet, outlet
 - 2 - 1/2" FPT bypass ports
 - 200°F
 - Forged brass body
 - SS internals
- | | |
|------------------------------|-----------------------------|
| YU-2121 Yellow Spring | YU-2140 Green Spring |
| • 2450 PSI | • 4350 PSI |
| • 2200 PSI rated pressure | • 4050 PSI rated pressure |

Part No.	Original No.	Spring
8.712-631.0	462628	2121 Yellow
8.712-632.0	462629	2140 Green
9.802-007.0	111340	Repair Kit

ST-261 Regulator / Unloader



- 8 GPM
- Stainless steel plunger & seat
- 0-3600 PSI regulation
- Viton seals
- 180°F temperature rating
- Forged brass body
- 22.5 oz weight

ST-261 Standard



Part No.	Original No.	Description
8.712-681.0	462690	ST-261 STD
8.900-156.0	088211X	Seal Kit
8.701-627.0	088209	Repair Kit "B"
8.701-650.0	088466	Outlet Check Kit "A"

ST-261/S Unloader with Bypass Switch



- Switches at full bypass flow
- 10 Amp, 110/230V
- Wired N/C (may be wired N/O)

Part No.	Original No.	Model
8.712-685.0	462695	ST-261/S
8.701-647.0	088422	Switch Seal Kit

ST-261/I Unloader with Chemical Injector



Part No.	Orig. No.	GPM	Model
8.712-682.0	462691	0.0-2.4	ST-261/I-1
8.712-683.0	462692	2.4-3.5	ST-261/I-2
8.712-684.0	462693	3.5-5.5	ST-261/I-3
8.900-159.0	088260X	Injector Repr w/o Barb	
8.701-648.0	088424	Injector Repr w/ Barb	

ST-261/SI Unloader with Switch and Injector



- Switches at full bypass flow
- 10 Amp, 110/230V
- Wired N/C (may be wired N/O)

Part No.	Orig. No.	GPM	Model
8.712-686.0	462696	0.0-2.4	ST-261/SI-1
8.904-576.0	462697	2.4-3.5	ST-261/SI-2
8.904-577.0	462698	3.5-5.5	ST-261/SI-3

ST-261 Bypass Switch only



- Field mountable
- 10 Amp @ 115/230V
- Switches at full bypass flow
- Wired N/C (may be wired N/O)

Part No.	Orig. No.	Description
8.712-629.0	462626	Switch Assy Complete
8.701-642.0	088272	Micro Switch Only
8.701-647.0	088422	Seal Kit - Micro Switch

UNLOADERS

ST-230 Regulator / Relief Valve **SUTTNER**



- 8 GPM
- Complete pressure regulation 0-3600 PSI
- 200°F
- 1/4" FPT Inlet & bypass
- Mounts off-line –
- No line restrictions
- All brass body with stainless steel piston and seat
- 14 oz weight

Part No.	Original No.	Description
8.712-628.0	462590	ST-230
8.701-626.0	087926	Repair Kit

ST-280 Regulator / Unloader **SUTTNER**



- 8 GPM
- 3600 PSI
- 175°F
- 27.5 oz weight
- Brass housing - stainless steel valve
- 3/8" FPT inlet/outlet
- 1/4" FPT bypass

Part No.	Original No.	Description
8.712-674.0	462680	ST-280
8.701-655.0	088536	Seat Repair Kit "D"
8.701-654.0	088535	Piston Seal Kit "C"
8.701-653.0	088534	Poppet Repair Kit

MG4000 Series Unloaders

"The world's best unloader value" with a choice of PSI: 1500, 3000 or 4500.

- Forged Brass Body
- 3/8" FPT inlet, outlet & bypass
- Auxiliary 1/4" outlet
- 10 GPM
- 200°F
- Up to 4500 PSI
- Can be panel mounted
- Pressure limit indicated with color coded ring

Part No.	Original No.	PSI	Color
Without Knob			
8.712-715.0	463108	1500	Yellow
8.712-718.0	463110	3000	Red
8.712-724.0	463114	4500	Black
With Knob			
8.712-716.0	463108K	1500	Yellow
8.712-719.0	463110K	3000	Red
8.712-725.0	463114K	4500	Black
8.704-567.0	111442	Repair Kit	



MG4000 with Microswitch



- Can be used as (NO) Normally Open or (NC) Normally Closed
- Use for time delay shut down or as burner control
- Up to 4500 PSI
- Panel mountable
- 15 Amp microswitch

Part No.	Original No.	Pressure	Color
8.712-717.0	463109K	1500 PSI	Yellow
8.712-720.0	463111K	3000 PSI	Red
8.712-714.0	463105K	3600 PSI	Blue
8.712-727.0	463115K	4500 PSI	Black

13 GPM Pressure Actuated Unloaders



- 13 GPM
- 800-3500 PSI
- 160°F
- Bellville spring washers minimize spikes
- Forged brass bodies/ stainless ball & seat
- Four 1/4" side ports enhance versatility
- 1/2" FPT inlet, outlet & bypass ports
- 57.3 oz weight

Part No.	Original No.	Model No.	PSI	Spring
8.712-709.0	462934	22910	800	Silver
8.712-710.0	462935	22911	1400	Yellow
8.712-711.0	462937	22912	2400	Red
8.712-708.0	462933	22913	3500	Orange
8.722-137.0	G012099	Repair Kit		

Pressure Actuated Unloaders



8.712-705.0 8.712-706.0

- Unloads pressure in entire system when in bypass
- Forged bronze body
- Stainless steel seat
- 3/8" FPT inlet/ 3/8" FPT outlet
- 1/4" FPT bypass
- 160°F

Part No.	Original No.	Model No.	GPM	PSI
8.712-705.0	462927	22760APM	8	3000
8.712-706.0	462928	22765APM	5	4000

Flow Actuated Unloaders



- Unloads pressure in entire system when in bypass
- Forged bronze body
- Stainless steel seat
- 3/8" FPT inlet/ 3/8" MPT outlet
- 1/2" bypass
- 160°F

Part No.	Original No.	Model No.	GPM	PSI
8.712-698.0	462909	22650	3.0-4.5	0-3000
8.712-701.0	462913	22654	3.5-4.8	3000-4000
8.712-702.0	462914	22655	4.5-5.5	0-3000
8.712-703.0	462915	22656	4.5-6.5	0-3000
8.722-204.0	G022666	Seal Kit		

AR Bolt On Unloaders



Mini-Matic Models.



- Fits XT and XM series pumps
- 2600 PSI rated pressure
- 1-2" F inlet
- 3/8" M Outlet

Part No.	Original No.	AR Model No.	GPM	Bypass
8.712-564.0	462228	AR20821	2-5	AL, No injector
8.712-573.0	462243	AR20890	2-3	AL, Adj injector
8.712-576.0	462246	AR21039	2-3	Brass, Adj injector
8.712-575.0	462245	AR21040	3-4	Brass, Adj injector
8.720-676.0	AR002812	Seal Kit		

NOTE: AR has discontinued the Combiset unloaders. Use Mini-Mate unloaders as replacements. For 22mm twist coupler outlet models add SprayMart part# 331307 (3/8" x 22mm) to injector outlet.

Gymatic Unloaders



- RK & XM series pumps
- 3650 PSI rated pressure
- 3-5.5 GPM
- 3/8" M Outlet

Part No.	Orig No.	AR Model No.	Inlet
8.712-565.0	462229	AR20242	1/2" F w/ no injector
8.712-563.0	462226	AR20242G	3/4" (GHF) w/ no injector
8.712-574.0	462244	AR20081	1/2" M fixed injector #1 (2-3 gal)
8.712-567.0	462233	AR20082	1/2" M fixed injector #2
8.712-568.0	462235	AR20399	1/2" M adj injector #1 (2-3 gal)
8.712-569.0	462236	AR20400	1/2" M adj injector #2
8.720-642.0	AR002611	Repair Kit	



- Max PSI: 4000
- Inlet: 1/2" M
- Bypass: Brass
- Max. GPM: 5
- Outlet: 3/8" M NPT
- Without Injector

Part No.	Orig No.	AR Model No.
8.712-583.0	462255	AR21669

- Max PSI: 4000
- Inlet: 1/2" F
- Bypass: Brass
- Max. GPM: 5
- Outlet: 3/8" M

Part No.	Orig No.	AR Model No.
8.720-903.0	AR20992	AR20992G

VS200 / 180 High Volume Regulator



- 53.5 GPM
- 2600 PSI
- 194°F
- 3/4" FPT inlet x 1/2" FPT bypass
- 29.4 oz weight

Part No.	Original No.	Description
8.712-753.0	463705	VS 200/180
8.704-582.0	111520	Repair Kit

VS350 Regulator / Relief Valve



- Rated pressure: 5100 PSI
- 5600 PSI
- 6.5 GPM
- 195°F
- 3/8" FPT inlet, outlet & bypass
- 16.8 oz weight

Part No.	Original No.	Description
8.712-756.0	463720	VS 350
8.704-611.0	111832	Repair Kit

VS 500 High Pressure Regulator / Relief Valve



- Rated pressure: 7250 PSI
- 8100 PSI
- 21 GPM
- 195°F
- Forged bronze body
- 1/2" FPT inlet & bypass
- 14.2 oz weight

Part No.	Original No.	Description
8.712-757.0	463725	VS 500

VS 220 Regulator / Relief Valve



6.3 GPM – 3600 PSI max pressure.



- Rated 3200 PSI
- 200°F
- Forged bronze body
- Stainless steel plunger & seat valve
- Two 3/8" FPT inlets
- 3/8" FPT outlet/bypass
- Compact design
- 14.2 oz weight

Part No.	Original No.	Description
8.712-737.0	463655	VS 220 w/o Knob
8.901-057.0	111576	Repair Kit

UNLOADERS

Safety Pressure Relief Valves



Engineered and built by Interpump. Premium quality valves for all pressure systems.



- Adjustable pop off protection
- Machined brass bodies
- Stainless steel plunger & seat
- 165°F
- 3/8" MPT connect x 1/4" MPT
- Bypass & outlet
- **S – R:** Safety Valve - 3000 PSI @ 1.3 to 10.8 GPM
- **S – 3:** Safety Valve - 500 to 10,000 PSI @ 2.6 to 26.5 GPM

Part No.	Original No.	Description
8.711-215.0	390103	S – R Valve
8.711-227.0	390123	S – 3 Valve

Timax Pressure Regulator Valve



- Max flow 52 GPM
- Max pressure 1000 PSI
- Lever control manual dump for bypass to relieve line pressure
- 3/4" & 1" FPT inlet & outlet
- 3/4" FPT bypass
- Brass body - SS piston & seat

Part No.	Orig. No.	Description
8.712-624.0	462580	Timax Reg Valve
8.702-844.0	103051B	Repair Kit

Regulating Relief Valve



Economical replacement for paraplate BR5 Series.



- 7 GPM
- Pressure adjusts 200-2000 PSI
- 200°F
- 3/8" FPT Inlet, outlet & bypass
- Flow-Thru design for smooth operation
- Machined brass body & knob
- Stainless steel plunger & seal

Part No.	Original No.	Description
8.712-625.0	462585	Relief Valve
8.900-042.0	075127	Repair Kit

Unloader Mounting Block



End vibration-caused fitting failure.



- 12 GPM
- Mounting hardware included
- Machine block brass

Part No.	Original No.	Description	PSI
8.904-568.0	462183X	3/8" x 3/8"	5500
8.904-567.0	462182X	1/2" x 1/2"	5500
9.802-870.0		3/8" x 3/8" Steel	6000
9.802-871.0		1/2" x 1/2" Steel	6000



Part No.	Description
8.709-404.0	Injector, 1-2 GPM, 0.057
9.802-215.0	Injector, 2-3 GPM, 0.070
9.802-216.0	Injector, 3-5 GPM, 0.083
9.802-217.0	Injector, 3-5 GPM, 0.083, 5,000 PSI
8.904-464.0	Injector Assembly, 1-2 GPM, 0.057
8.929-062.0	Injector Assembly, 2-3 GPM, 0.070
9.802-225.0	Injector Assembly, 3-5 GPM, 0.083
9.802-226.0	Injector Assembly, 3-5 GPM, 5,000 PSI
8.704-195.0	Injector Repair Kit

- Brass Housing with Stainless Steel nipple 3500 or 5000 PSI
- Non-Adjustable Metering Viton Seals
- Rated up to 190°F/ 88°C
- 3/8" Q/C Inlet/Outlet

Amerimax Injector



The Higher Rate Injector. Our Best Seller!



- Brass housing
- Stainless steel orifice
- Fully adjustable metering valve
- Stainless steel spring
- 3500 PSI
- 3/8" MPT inlet/outlet
- 1/4" hose barb

Part No.	Original No.	Description
Standard		
8.904-192.0	360130	"0", 1-2 GPM
8.904-193.0	360131	"1", 2-3 GPM
9.803-998.0	360132	"2", 3-5 GPM
8.904-194.0	360133	"3", 5-8 GPM
8.900-040.0	075122X	Repair Kit (SS check ball)

"Acid" Injector w/ Special Inlet Check Valve

8.904-201.0	360140X	"0A", 1-2 GPM
8.904-202.0	360141X	"1A", 2-3 GPM
8.904-203.0	360142X	"2A", 3-5 GPM
8.904-204.0	360143X	"3A", 5-8 GPM
8.900-041.0	075123X	Acid Repair Kit*

*(Ceramic check ball)

Quick-Coupled Amerimax



Assembled for Added Convenience - "Quick" couples to unloader outlet and "Quick" couples hose to injector outlet.



- Top-Quality quick-couplers: 3/8" plug inlet, 3/8" socket outlet
- 6' Industrial grade poly-braid reinforced tubing (will not collapse, resists crimping, high chemical tolerance)
- Heavy-duty brass chemical filter with check valve prevents loss of prime

Part No.	Original No.	Description
Amerimax "QC"		
8.904-195.0	360135X	Quick Coupled "0", 1-2 GPM
8.904-196.0	360136X	Quick Coupled "1", 2-3 GPM
8.904-197.0	360137X	Quick Coupled "2", 3-5 GPM
8.904-199.0	360138X	Quick Coupled "3", 5-8 GPM
8.900-040.0	075122X	Repair Kit (SS check ball)
Amerimax Acid "QC"		
8.904-205.0	360145X	Quick Coupled "0A", 1-2 GPM
8.904-206.0	360146X	Quick Coupled "1A", 2-3 GPM
8.904-207.0	360147X	Quick Coupled "2A", 3-5 GPM
8.904-208.0	360148X	Quick Coupled "3A", 5-8 GPM
8.900-041.0	075123X	Acid Repair Kit*

*(Ceramic check ball)

ST-64 Up Stream Injector



Apply soap at high pressure. Restricts waterflow to create suction.



- 140 PSI
- 160°F
- 3/4" FGH inlet
- 3/4" MGH outlet
- Chemical Strainer and 4' PVC Tubing included!
- Adjustable with ST-61 Meter Valve
- Locking waterflow adjustment

Part No.	Original No.	GPM
8.710-482.0	360155	1.5-4.0
8.710-483.0	360156	4.0-7.0

ST-62 Variable Chemical Injector



Flow Orifice Adjusts for Machines from 2-8 GPM. Requires ST-61 (below) to regulate Chemical Injection Rate.



- Forged brass body
- 3500 PSI
- 8 GPM

Part No.	Original No.	Description
8.710-485.0	360162	ST-62
8.701-648.0	088424	Repair Kit "F"

ST-61 Chemical Metering Valve



- Snap-on attachment to ST-60, ST-62, ST-261/I (usage limited to these injectors)
- Adjusts from "Off to Full" flow
- Glass-filled polyamide body & valve parts
- 1/4" hose barb
- Teflon® seals

Part No.	Original No.	Description
8.710-777.0	371161	ST-61

ST-60 Chemical Injector



Requires ST-61(above) to regulate chemical injection rate.



- Forged brass body
- Compact size Forged brass body
- Inlet 3/8" MPT
- Outlet 3/8" FPT

Part No.	Orig. No.	Description
8.710-476.0	360120	1.50 – 2.25, ST-60/0
8.710-477.0	360121	2.25 – 3.35, ST-60/1
8.710-478.0	360122	3.35 – 5.00, ST-60/2
8.701-648.0	088424	Repair Kit "F"

Robo Chem Chemical Injectors



- Forged brass body
- Stainless steel orifice
- Stainless steel inlet check valve components
- 3500 PSI
- 180°F
- 3/8" MPT inlet/outlet
- 1/4" hose barb

Part No.	Original No.	Model No., GPM
Robo Chem w/ Plastic Meter Knob		
8.710-497.0	360200	"0", 2.1-2.9
8.710-498.0	360201	"1", 3.0-4.0
8.710-499.0	360202	"2", 4.0-5.5
8.710-500.0	360203	"3", 5.5-10.8
Robo Chem w/ Brass Meter Knob		
8.904-213.0	360220	"0", 2.1-2.9
8.904-214.0	360221	"1", 3.0-4.0
8.904-215.0	360222	"2", 4.0-5.5
8.904-216.0	360223	"3", 5.5-10.8
8.900-481.0	103053X	Repair Kit
8.900-061.0	077010X	Acid Kit

Robo Chem Quick-Coupled Chemical Injectors



- Quick-Couplers: 3/8" QC plug inlet, 3/8" QC socket outlet
- 6' Industrial grade poly-braid reinforced tubing
- AP brass chemical filter w/ stainless steel check valve

Part No.	Original No.	Model No., GPM
Robo Chem "QC" w/ Plastic Knob		
8.904-209.0	360210X	"0", 2.1-2.9
8.904-210.0	360211X	"1", 3.0-4.0
8.904-211.0	360212X	"2", 4.0-5.5
8.904-212.0	360213X	"3", 5.5-10.8
Robo Chem "QC" w/ Brass Knob		
8.904-217.0	360230X	"0", 2.1-2.9
8.904-218.0	360231X	"1", 3.0-4.0
8.904-219.0	360232X	"2", 4.0-5.5
8.904-220.0	360233X	"3", 5.5-10.8

Hi-Lo Injector

May be used on high side or low side of pump. Adjustable flow orifices plus adjustable chemical valves. Standard features similar to ST-62.



- Performance Range
- Low side: 5-3.5 GPM @ 10-120 PSI
- High side: 2.0 - 8.0 GPM @ 3500 PSI
- Machined brass body
- 3/8" FPT inlet/outlet

Part No.	Original No.	Description
8.710-486.0	360163	Hi/Lo Injector w/ Meter Valve
8.710-487.0	360165	w/o Chemical Adjust
8.700-290.0	075136	Repair Kit
8.900-044.0	075136X	Seal Kit

INJECTORS

400 Series Chemical Injectors

The Injector of choice.



Orifice Selection

Orifice Dia.	Flow Rate
1.6mm	1.5-2.7 GPM
1.8mm	2.0-3.6 GPM
2.1mm	2.7-4.9 GPM
2.3mm	3.3-6.0 GPM

Adjustable Injectors, precise needle metering valve.

Orifice Size(mm)	M x M Part No	M x M Orig No	M x F Part No	M x F Orig No	F x M Part No	F x M Orig No
Brass						
1.6	8.710-541.0	360406	8.710-549.0	360416	8.710-559.0	360426
1.8	8.710-535.0	360400	8.710-543.0	360410	8.710-551.0	360420
2.1	8.710-537.0	360401	8.710-545.0	360411	8.710-554.0	360421
2.3	8.710-539.0	360402	8.710-547.0	360412	8.710-557.0	360422

Stainless Steel

1.6	8.710-542.0	360406S	8.710-550.0	360416S	8.710-560.0	360426S
1.8	8.710-536.0	360400S	8.710-544.0	360410S	8.710-552.0	360420S
2.1	8.710-538.0	360401S	8.710-546.0	360411S	8.710-556.0	360421S
2.3	8.710-540.0	360402S	8.710-548.0	360412S	8.710-558.0	360422S

Brass

Stainless Steel

Part No.	Original No.	Description
8.900-769.0	109220X	Standard Kit

Repair Kits include Check Ball, Spring, Seat & O-ring

8.900-769.0 **109220X** Standard Kit

Series 505 Stainless Steel

All metal parts are Stainless Steel.



- Premier type injector
- 3200 PSI
- 3/8" inlet/outlet
- 190°F

Part No.	Original No.	Description	GPM
8.710-586.0	360505/1.8	SS Injector 1.8	2.0 – 3.6
8.710-587.0	360505/2.1	SS Injector 2.1	2.7 – 4.9
8.710-588.0	360505/2.3	SS Injector 2.3	3.3 – 6.0
8.704-027.0	109234	Repair Kit	

Adjustable Quick-Connect Injector



- 3500 PSI
- 200°F

Part No.	Original No.	GPM
8.710-502.0	360240	2-3
8.710-503.0	360242	3-5
8.710-504.0	360244	5-8

Acid Injectors

8.904-221.0	360240A	2-3
8.904-222.0	360242A	3-5
8.904-223.0	360244A	5-8
8.701-187.0	080055	Injector Repair Kit
8.900-087.0	080056	Injector Acid Kit



- Teflon® valve seat
- 3/8" inlet & outlet (3 configurations)
- Forged brass housing
- 3200 PSI
- Renewable orifices & check valve
- 200°F
- Options include: quick-coupled, stainless steel orifices/ acid-resistant check
- Only 5 oz weight

Orifice Size(mm)	M x M Part No	M x M Orig No	M x F Part No	M x F Orig No	F x M Part No	F x M Orig No
Brass/Acid-Resistant						
1.6	8.904-230.0	360406A	8.904-238.0	360416A	-	-
1.8	8.904-224.0	360400A	8.904-232.0	360410A	8.904-240.0	360420A
2.1	8.904-226.0	360401A	8.904-234.0	360411A	8.904-242.0	360421A
2.3	8.904-228.0	360402A	8.904-236.0	360412A	8.904-244.0	360422A

Stainless Steel/Acid-Resistant

1.6	8.904-231.0	360406AS	8.904-239.0	360416AS	8.904-246.0	360426AS
1.8	8.904-225.0	360400AS	8.904-233.0	360410AS	8.904-241.0	360420AS
2.1	8.904-227.0	360401AS	8.904-235.0	360411AS	8.904-243.0	360421AS
2.3	8.904-229.0	360402AS	8.904-237.0	360412AS	8.904-245.0	360422AS

Brass/Acid-Resistant

Stainless Steel/Acid-Resistant

Part No.	Original No.	Description
8.900-770.0	109222X	Acid Kit

Repair Kits include Check Ball, Spring, Seat & O-ring

8.900-770.0 **109222X** Acid Kit

Brass Injectors



All metal parts are Brass.

- Premier type injector
- 3200 PSI
- 3/8" inlet/outlet
- 190°F

Part No.	Original No.	Description	GPM
8.710-505.0	360245	Brass Injector 1.8	2.0 – 3.6
8.710-506.0	360246	Brass Injector 2.1	2.7 – 4.9
8.710-507.0	360247	Brass Injector 2.3	3.3 – 6.0
8.704-028.0	109235	Repair Kit	

Exact-A-Flow Pressure Reducer / Injector

"Low side" chemical injector that regulates inlet pressure to maintain consistent chemical ratio.



- Up to 6 GPM
- 1/2" FPT I/O ports
- 1/4" hose barb chemical inlet
- ± 2% injection ratio variation

Part No.	Original No.	Description
8.711-162.0	385127	Weep Seat*
8.711-160.0	385125	Non-Weep
8.711-161.0	385126	With Switch**
8.904-389.0	385128	Hose Barb w/ Viton Check
8.904-390.0	385129	Hose Barb w/ Buna Check

*Weep Seat allows pump to self-prime

**With burner control switch automatically turns burner off when water flow stops

Adjustable Bronze Float Valves



- Cast bronze body
- Live rubber stopper
- Adjustable float arm
- 180°F

Part No.	Original No.	Thread	Stem	GPM @ 40 PSI
8.710-041.0	343300	3/8"	1/4" - 20	10
8.710-043.0	343302	1/2"	1/4" - 20	17
8.710-044.0	343304	3/4"	1/4" - 20	31
8.710-045.0	343306	1"	1/4" - 20	47

NOTE: Float valves above require stem & float, below

Repair Parts for Adjustable Valves

8.700-475.0	076406	Long Arm*
8.700-476.0	076407	Short Arm*
8.700-477.0	076408	Thumb Screw*
8.700-479.0	076418	3/8" & 1/2" Plunger
8.700-480.0	076420	3/4" Plunger
8.700-481.0	076422	1" Plunger

*Fits 3/8", 1/2" & 3/4" Valve Only

Stems Only



9.802-157.0



8.710-047.0

Part No.	Original No.	Length	Material	Thread
9.802-157.0	343310	8"	Brass	1/4" - 20
8.710-047.0	343310C	8"	Brass	1/4" - 20 x 5/16" - 18
8.710-048.0	343311	8"	Brass	5/16" - 18
8.710-051.0	343315	10"	Brass	1/4" - 20
8.710-049.0	343313B	18"	Brass	3/8" - 16
8.740-042.0	343316	19"	Brass	1/2" - 20

Parts for other float valves also available

Copper & Plastic Float Balls



8.710-053.0



8.710-054.0



9.802-061.0

Part No.	Original No.	Length	Material	Thread
8.710-061.0	343326	4" x 5"	Copper	1/4" - 20
8.710-052.0	343317	5"	Copper	1/4" - 20
8.710-053.0	343318	6"	Copper	1/4" - 20

Plastic

8.710-054.0	343319	4-1/2"	Plastic	1/4" - 20
8.710-055.0	343320	5"	Plastic	1/4" - 20
8.710-057.0	343321	6"	Plastic	1/4" - 20
8.710-058.0	343322	6"	Plastic	5/16" - 18
8.710-059.0	343323	8"	Plastic	1/4" - 20
9.802-061.0	343325	4" x 5"	Plastic	1/4" - 20

Parts for other float valves also available

PA Float Valve



- 140°F
- 3/8" BSP inlet
- Brass body
- Positional/Adjustable arm
- 5 GPM @ 15 PSI
- 7 GPM @ 30 PSI

Part No.	Original No.	Description
8.710-042.0	343301	3/8" Float Valve
8.704-204.0	110250	Repair Kit

Brass Float Valve Assembly



COMPLETE: Valve, Stem & Float



- 1/2" FPT inlet
- Brass housing with polyamide cover
- 4.5 GPM
- 175°F

Part No.	Original No.	Description
8.710-031.0	343010	ST-8
8.701-558.0	085331	Repair Kit

MPT Adapter Kit for ST-8*

8.710-033.0	343012
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*Double MPT nipple, sealing washer & lock nut

Brass Float, Ball & Stem



- 142 PSI max inlet pressure
- 140°F
- 7.1 GPM @ 28 PSI - 1/2" MPT inlet
- Positive soft Buna/brass shut-off
- Adjustable float ball settings
- Inlet nut and washer seal provided

Part No.	Original No.	Description
8.710-037.0	343050	Valve Complete
8.704-092.0	109502	Repair Kit

Diaphragm Float Valve



- Requires only 6.5" x 3" inside tank
- All plastic snap-on float
- Positive shut off diaphragm style
- Inlet screen, tank gasket & nut included
- Rebuildable - repair parts available
- 3/4" MPT inlet
- 142 PSI
- 7.86 GPM @ 28 PSI
- 6.68 GPM @ 14 PSI
- 140°F

Part No.	Original No.	Description
8.710-030.0	343007	Float Valve Complete

Vertical Float Valve



- 9 GPM @ 150 PSI - 1/2" MPT inlet
- 140°F
- Inlet nut and washer seal provided

Part No.	Description
9.802-185.0	Vertical Float Tank Valve

Valves

Hudson Float Valve



- No external moving parts
- No float ball or arm
- Operates between 0-130 PSI
- All plastic, nylon, rubber & stainless steel
- 90°F
- 1" inlet - easy installation
- Automatic anti-siphon
- Flow capacity 80% of supply (40 GPM @ 40 PSI)

Part No.	Original No.	Description
8.710-035.0	343022	1" Hudson Float Valve, 90°
8.710-036.0	343026	1" Hudson Float Valve, 150°

Kerick Float Valve



- Flow rates for 1/2" Valve:
- 20 PSI: 7.7 GPM
 - 30 PSI: 9.1 GPM
 - 40 PSI: 10.5 GPM
 - 50 PSI: 11.4 GPM
 - 60 PSI: 12.5 GPM
- Flow rates for 3/4" Valve:
- 30 PSI: 13 GPM
 - 60 PSI: 16.5 GPM

Part No.	Description
8.749-328.0	1/2" Float Valve, .25" orifice
8.749-329.0	3/4" Float Valve, .30" orifice

Check Valves - Swing Action

Retain prime on pumps with low lift capability



- Brass body with swing (flapper) action
- Gravity seal – no spring pressure
- 150 PSI
- FPT inlet/outlet

Part No.	Original No.	Description
8.709-378.0	310862	1/2"
8.709-379.0	310863	3/4"
8.709-380.0	310864	1"
8.709-381.0	310865	1-1/4"
8.709-382.0	310866	1-1/2"
8.709-383.0	310868	2"

Stainless Steel Check Valves



- Rated pressure: 5800 PSI
- 6500 PSI
- 195°F
- Female x Female
- 2.0 oz weight

Part No.	Original No.	Description	Flow Rate
8.709-361.0	310827	1/4" F x F,	6.1
8.709-362.0	310828	3/8" F x F,	10.5

High Pressure Check Valves

2500 or 3000 PSI ball check.



- Buna seals
- Stainless steel check ball
- Machined brass body
- 1 PSI cracking pressure

Part No.	Original No.	Description
2500 PSI Miniature Ball Check		
8.709-356.0	310814	1/4", M x F
8.709-357.0	310815	1/4", M x M

Part No.	Original No.	Description
3000 PSI Stainless Guided Ball & Quad Ring Seat		
8.709-358.0	310820	1/4", F x F
8.709-359.0	310822	3/8", F x F

Check Valves - 1200 PSI

Allows excellent low-restriction flow in inlet direction and instant positive check action in reverse direction.



- Machined brass body
- Poppet seal
- Cracking pressure 1 PSI

Part No.	Original No.	Description
8.709-351.0	310804	1/4", F x F
8.709-352.0	310806	3/8", F x F
8.709-353.0	310808	1/2", F x F
8.709-354.0	310811	3/4", M x M

Brass Check Valves - Spring-Loaded

Holds pump prime without overloading pump suction.



- Machine cast brass bodies, FPT x FPT
- 150 PSI
- 250°F
- Mount horizontal or vertical

Part No.	Original No.	Description
8.709-384.0	310872	1/2"
8.709-385.0	310873	3/4"
8.709-386.0	310874	1"

Back Flow Preventor - Check Valve

Protects water supply from harmful chemical backflow – will not allow “spike” pressure to push chemicals into supply line. **Now required by many city and state regulations**



- 3/4" female garden hose inlet (with lock screw)
- 3/4" male garden hose outlet
- Machined brass housing
- Plastic diaphragm check

Part No.	Original No.	Description
8.705-039.0	140060	Back flow Preventor

PVC Check Valve

Holds pump prime without overloading pump suction.



- Designed for harsh chemical applications
- PVC plastic body
- Stainless steel ball check
- Cracking press 1 PSI
- Choice of connects
- 125 PSI
- 180°F

Part No.	Original No.	Description
8.709-366.0	310834	1/4" MPT x 1/4" Barb
8.709-367.0	310835	1/4" Barb x 1/4" MPT
8.709-369.0	310837	1/4" Barb x 1/4" Barb
8.709-370.0	310838	3/8" Barb x 3/8" Barb
8.709-373.0	310844*	1/2" Barb x 1/2" Barb

*8.709-373.0 has viton seals

Stainless Steel Ball Valves - 2000 PSI



- Full flow ports
- Investment cast process
- Two piece 316 Stainless bodies
- Glass-filled Teflon® seals
- 180°F @ 2,000 PSI
- 300°F @ 1,000 PSI
- 350°F @ 300 PSI

Part No.	Original No.	Description
8.709-265.0	306534	1/4" F x F
8.709-266.0	306536	3/8" F x F
8.709-268.0	306538	1/2" F x F
8.709-269.0	306540	3/4" F x F

Forged Brass Ball Valves



- 600 PSI
- 180°F
- Forged brass body
- Full flow ports
- Teflon PTFE seals

M x F Part No.	F x F Part No.	M x M Part No.	Size
8.709-249.0	8.709-250.0	8.709-251.0	1/4"
8.709-252.0	8.709-253.0	8.709-254.0	3/8"
8.709-255.0	8.709-256.0	8.709-257.0	1/2"
8.709-258.0	8.709-259.0	8.709-260.0	3/4"
8.709-261.0	8.709-262.0	8.709-263.0	1"

Nickel-Plated Brass Ball Valves



- Threaded FPT connects
- Chrome-plated ball
- Seats & seals have glass-filled Teflon®
- Full flow bore

Part No.	Original No.	Description	Working Pressure (PSI)
8.709-242.0	306504	1/4"	710
8.709-243.0	306506	3/8"	710
8.709-244.0	306508	1/2"	710
8.709-245.0	306512	3/4"	570
8.709-246.0	306516	1"	570
8.709-247.0	306520	1-1/4"	430
8.709-248.0	306524	1-1/2"	430
8.709-264.0	306532	2"	360

Mini Ball Valves

- Forged brass body
- 600 PSI
- 180° handle movement



M x F Part No.	F x F Part No.	M x M Part No.	Size
8.709-208.0	8.709-209.0	-	1/8"
8.709-211.0	8.709-212.0	8.709-213.0	1/4"
8.709-216.0	8.709-217.0	8.709-218.0	3/8"

High Pressure Ball Valves



- Rugged carbon steel construction
- 2-way
- NPT (F x F) threads
- Blow-out proof stems
- Delrin ball seats
- Viton O-rings

Part No.	Original No.	FPT	PSI
8.709-274.0	306552	1/4" x 1/4"	7350
8.709-276.0	306553	3/8" x 3/8"	7350
8.709-279.0	306554	1/2" x 1/2"	7350
8.709-282.0	306556	3/4" x 3/4"	5880
8.700-270.0	075080	Replacement handle - fits all sizes above	
8.700-271.0	075089	Replacement screw for handle	

Stainless Steel High Pressure Ball Valves - 5800 PSI



- 316 Stainless steel body, ball & stem
- Viton O-rings
- Delrin ball seats
- Full Port

Part No.	Original No.	FPT	PSI
8.709-277.0	306553S	3/8" x 3/8"	5880
8.709-280.0	306554S	1/2" x 1/2"	5880
8.709-283.0	306556S	3/4" x 3/4"	5880
8.709-286.0	306558S	1" x 1"	5880

Stainless Steel One Piece Ball Valves - 800 PSI

- Standard port
- 316 Stainless steel body
- 300°F @ 800 PSI
- 350°F @ 400 PSI
- Suitable for steam



Part No.	Original No.	FPT
8.709-287.0	306582	1/4" x 1/4"
8.709-288.0	306583	3/8" x 3/8"
8.709-289.0	306584	1/2" x 1/2"
8.709-290.0	306585	3/4" x 3/4"

Brass Mini Ball Valves



- Compact knob operation
- Brass housing-hex bar
- 220 PSI working pressure
- Designed to fit tight quarters
- Teflon® seals
- Only 1-3/4" long

Part No.	Original No.	FPT
8.709-270.0	306542	1/8" x 1/8"
8.709-271.0	306544	1/4" x 1/4"
8.709-272.0	306546	3/8" x 3/8"
8.709-273.0	306548	1/2" x 1/2"

VALVES

PVC Ball Valves

Great for chemical On/Off flow control.



- PVC & nitrile material
- Chemical & impact resistant
- Flag handle
- 180°F
- 125 PSI

Part No.	Original No.	Description
8.709-214.0	306352P	1/4" Panel Mtg, Barb x Barb
8.709-219.0	306354P	1/4" Inline, Barb x Barb
8.709-220.0	306356	3/8" Inline, Barb x Barb

Polypropylene Ball Valves

Full port reinforced polypropylene.



8.709-222.0

8.709-228.0

- 150 PSI working pressure
- Easy turn w/ Teflon® seals
- Double seal in stem for "no leak"
- Threaded mounting bosses, brass insert on 1-1/4" - 2" sizes

Part No.	Original No.	FPT
Two-Way Ball Valves		
8.709-222.0	306390	1/2" x 1/2"
8.709-223.0	306392	3/4" x 3/4"
8.709-224.0	306394	1" x 1"
8.709-225.0	306398	1-1/2" x 1-1/2"
8.709-226.0	306400	2" x 2"

Part No.	Original No.	FPT
Three-Way Ball Valves		
8.709-227.0	306408	1/2" x 1/2" x 1/2"
8.709-228.0	306412	3/4" x 3/4" x 3/4"
8.709-229.0	306416	1" x 1" x 1"
8.709-230.0	306420	1-1/4" x 1-1/4" x 1-1/4"
8.709-231.0	306422	1-1/2" x 1-1/2" x 1-1/2"
8.709-232.0	306424	2" x 2" x 2"

Compact PVC Ball Valves



- FPT thread both ends
- 150 PSI working pressure
- Easy turn handle
- 150°F
- EPDM seals - white body

Part No.	Original No.	FPT
8.709-233.0	306444	1/4" x 1/4"
8.709-234.0	306448	1/2" x 1/2"
8.709-235.0	306450	3/4" x 3/4"
8.709-236.0	306452	1" x 1"
8.709-237.0	306454	1-1/4" x 1-1/4"
8.709-238.0	306456	1-1/2" x 1-1/2"
8.709-239.0	306460	2" x 2"

3-Way Ball Valve



- 400 PSI maximum pressure
- 180°F maximum temperature
- Teflon seat
- Buna seals
- Brass

Part No.	Original No.	Description
8.709-207.0	306331	1/4" M x F x F

Flow Selector Valve



3-way & 4-way lever control with brass body.

- **3-way**
Plumb for 2 inlets & 1 outlet or 1 inlet & 2 outlets
- **4-way**
Plumb for 3 inlets & 1 outlet or 1 inlet & 3 outlets
- 180°F rated temperature

Part No.	Original No.	Description
8.710-108.0	343734	1/4" FPT 3-Way
8.710-110.0	343736	3/8" FPT 3-Way
8.710-113.0	343744	1/4" FPT 4-Way
8.710-114.0	343746	3/8" FPT 4-Way

Flow Control Metering Valve



- Forged brass, nickel-plated body
- Panel mtg in 17/32" hole
- Compact size
- Double stem seal
- 300 PSI
- 175°F rated temperature

Part No.	Original No.	Description
8.710-775.0	371125	1/4", FPT In/out
8.710-776.0	371133	3/8", FPT In/out

Flow Control Metering Valve



The Valve that "Seals" (will not suck air).



- 3500 PSI to 28" vacuum – No leak
- Viton gland seal isolates metering threads from solution
- Stainless steel needle/brass seat
- 1/4" FPT ports
- Heavy-duty brass bar stock body
- 195°F rated temperature
- Panel mounts 5/8" hole
- Large easy-grip four-lobe handwheel
- Aluminum or Poly available

Part No.	Original No.	Description
8.904-362.0	371120X	Metering Valve / Alum Knob
8.904-361.0	371120P	Metering Valve / Poly Knob
8.740-083.0	077003A	Replacement Knob

Brass Metering Valve



- Easy grip, fluted plastic handle with pointer
- Brass body, Viton gland seal eliminates air leaks
- Panel mount 11/16" or 3/4" hole
- Extremely compact T-style
- 1/4 inlet/outlet
- 450 PSI
- 170°F

Part No.	Original No.	Description
8.710-773.0	371115	"T" 1/4 F x F - Forged
8.710-774.0	371116	"L" 1/4 M x M - Machined

Chemical Metering Valves



9.802-187.0

- Adjusts from off to full flow
- 4000 PSI
- 1/4" FPT Inlet - Outlet
- 6 GPM
- 2-30151 has presettable limiting orifice

Part No.	Orig. No.	Description
8.710-771.0	727628	Flow Control
9.802-187.0	2-30151	Flow Control w/ Locking Adjustment
9.802-532.0		Valve, Less Solenoid

Chemical Metering / On-Off Valve



- Dual knob control – Calibrate chemical flow w/ base knob. Outside knob allows on/off control without changing calibration
- Single (1/2") hole panel mounting
- Brass & stainless steel materials

Part No.	Original No.	Description
8.710-770.0	371100	MV-100

ST-66 Chemical Meter & Selection Valve



- Two input barbs – for different chemicals to single outlet barb
- Double metering dial with center OFF
- Panel mount in single 5/8" hole

Part No.	Original No.	Description
8.710-779.0	371166	ST-66

Steam Valve

For "Combo" Hot Pressure Washer/Steamer Units. The single turn on/off diverter valve by-passes pump flow to reduce water flow to the coil, creating steam in place of normal hot water.



- Panel mount in 11/16" or 3/4" hole
- Machined brass body
- Easy-grip plastic knob
- 3600 PSI
- 175°F
- 1/4" MPT inlet/outlet

Part No.	Original No.	Orifice (mm)
8.711-263.0	400008	0.8
8.904-406.0	400012	1.2
8.904-407.0	400015	1.5
8.904-408.0	400018	1.8
8.904-409.0	400020	2.0

Compact Thermal Relief Valves



- 145°F "Trip" temperature

Part No.	Original No.	Size	"Trip" Temp
9.802-181.0	921421	3/8" MPT	145°F

Thermal Relief Valves



A MUST for any pump that might ever be left in bypass mode (unloading) for more than 15 seconds! Protects the pump from overheating caused by recirculating water.



- Installs in bypass line
- Automotive style wax element
- Automatically resets at cool down to 115°+ F
- No adjustment required
- 1/8" FPT side discharge
- 125 PSI inlet pressure
- 2.5 GPM flow

Part No.	Original No.	Inlet	"Trip" Temp
8.904-564.0	458000	1/4" MPT	140°F
8.904-565.0	458001	3/8" MPT	140°F
8.904-566.0	458005	1/2" MPT	140°F
8.723-943.0	458007	1/2" MPT	165°F

Compact Thermal Relief Valves

- 145°F "Trip" temperature



Part No.	Original No.	Size	"Trip" Temp
8.712-544.0	458024	1/4" MPT	145°F
8.712-545.0	458026	3/8" MPT	145°F
9.802-182.0	458028	1/2" MPT	145°F
9.804-025.0		1/4" MPT	145°F
8.707-250.0		3/8" MPT	190°F
9.803-670.0		1/2" MPT	190°F

TRV Thermal Relief Valves

Low Profile!



- Brass body
- Plastic covered barb
- 7mm Hose barb
- 145 PSI
- Opens at 145°

Part No.	Original No.	Inlet
8.712-546.0	458030	1/4"
8.712-547.0	458032	3/8"
8.712-548.0	458034	1/2"

Flow Meters

The answer to precision calibration and efficient operation of pressure washing systems.



- Flow scale measures gallons per hour (GPH)
- 100 PSI
- 150°F
- 1/8" FPT inlet & outlet port
- Wetted parts are brass or stainless steel, with or without metering valves
- Accurate within ±5%
- Precision cut and machined clear acrylic
- Metal mounting inserts for ease of installation (10-32 threads)
- Compact size – 2" tall scale, 4-3/32" overall height

Part No.	Original No.	GPH	Metal	Metering Valve
8.710-097.0	343722	.6 – 5	Brass	no
8.710-098.0	343723	.6 – 5	Brass	yes
8.710-101.0	343726	2 – 10	Brass	no
8.710-102.0	343727	2 – 10	Brass	yes
8.710-099.0	343724	.6 – 5	SS	no
8.710-100.0	343725	.6 – 5	SS	yes
8.710-104.0	343728	2 – 10	SS	no
8.710-105.0	343729	2 – 10	SS	yes

NOTE: All flow measurements must be on Low Pressure side of pump.

VALVES

Discharge Manifold / Rupture Disk



- Prevents dangerous thermal expansion of water in the coil
- Ensures operator safety

Part No.	Description
9.149-003.0	Coil Outlet Discharge Manifold
8.725-944.0	Rupture Disk, 8000 PSI, Red
9.151-014.0	Rupture Disk, 5000 PSI, Blue
9.184-030.0	Rupture Disk Spacer

Rupture Disks



- Prevents dangerous thermal expansion of water in the coil
- Ensures operator safety

Part No.	Original No.	Description
8.902-433.0		Assembly, 3200 PSI
9.802-192.0	2-3409	Assembly, 7000 PSI
8.707-381.0		Assembly, 8500 PSI

Safety Pressure Relief Valves



- Prevents pressure overloads, protecting people and equipment
- Machined brass
- Automatically resets

Part No.	Original No.	Max PSI	Size
8.722-192.0	G022550A	1200 (Silver Spring)	1/4"
8.722-193.0	G022560A	2400 (Red Spring)	1/4"
8.722-194.0	G022565A	3600 (Orange Spring)	1/4"
8.722-190.0	G022532A	3600 (Orange Spring)	3/8"
9.802-191.0	G022533A	5000 (Blue Spring)	3/8"

Air Valve - Coil Blow Out

Install inline in front of coil and use air pressure to blow water out of coil to prevent "Freeze Up".



- Threaded connection
- 1/4" brass valve
- 1/8" model is stainless steel
- Valve cap included

Part No.	Original No.	Description
8.705-047.0	140073	1/8" Stainless Steel Connect
8.705-048.0	140075	1/4" Connect
8.902-426.0		Valve Assy, Water Blow-Out
8.707-314.0		Valve Assy, Water Tank Blow-Out

Pressure Reducing Valve

INLINE – Garden Hose Connect



- 200 PSI max inlet pressure (See discharge pressures, below)
- Protects pumps from supply pressure surges
- of float valves
- Brass construction
- 3/4" female garden hose inlet (See outlets, below)

Part No.	Original No.	Discharge	Outlet
8.904-391.0	385130	20 PSI	1/2" FPT
8.711-164.0	385132	20 PSI	3/4" MGH
8.711-165.0	385133	30 PSI	3/4" MGH
8.711-166.0	385134	40-50 PSI	3/4" MGH

Easy Start Valve



- 3/8" MPT inlet
- 1/8" FPT outlet
- Machined brass housing
- Hose barb outlet
- Stainless steel internal
- 200°F
- 8 GPM

Part No.	Original No.	Description
8.709-865.0	339004	Easy Start Valve, 4100 PSI
8.709-866.0	339005	Easy Start Valve, 3500 PSI
9.802-137.0	140352	Hose Barb, 1/8" x 1/4" barb
9.804-065.0		1/4" MPT X 1/8" FPT, 5000 PSI
9.802-190.0		3/8" MPT X 1/8" FPT, 5000 PSI

Easy Start Valve



- 3/8" MPT inlet
- Hose barb outlet (8 mm)
- Machined brass body
- Stainless steel spring & ball
- 176°F
- 7.8 GPM

Part No.	Original No.	Description
8.709-867.0	339006	Easy Start Valve

Steel Utility Gauges

- Black lacquered steel case
- Dry gauge
- Accuracy \pm 3-2-3%
- Bronze bourdon tube
- 1/4" NPT brass mounting stem



Part No.	Original No.	Pressure Range
2" bottom mount		
8.710-307.0	348552	0-60 PSI
8.710-308.0	348554	0-100 PSI
8.710-309.0	348558	0-200 PSI
8.710-310.0	348560	0-300 PSI

Fuel Oil Pressure Gauge



- 0-200 PSI
- Perfect for testing burner pump fuel pressure

Part No.	Original No.	Pressure Range
8.700-738.0	079020	0 - 200 PSI

Corrosion-Resistant ABS Gauge



- Acid & alkali proof plastic case
- Bronze bourdon tube
- 1/4" NPT brass mounting stem
- Accuracy Dry: \pm 3-2-3%
Filled: \pm 1.5%

Part No.	Original No.	Pressure Range
8.710-291.0	348305	0-100 PSI
8.710-293.0	348307	0-200 PSI
8.710-294.0	348308	0-300 PSI
8.710-295.0	348312	0-1000 PSI
8.710-296.0	348313	0-2000 PSI
8.710-297.0	348314	0-3000 PSI
8.710-299.0	348316	0-5000 PSI

Pressure Gauge Kit



- 5000 PSI Cold Water
- 1-3/4" gauge
- 3/8" QC Socket
- 3/8" QC plug

Part No.	Description
8.712-208.0	Pressure Gauge Kit

Stainless Steel Pressure Gauges



- AISI 304 stainless steel case
- Bronze bourdon tube
- 99.5% pure glycerin filled
- PSI & Bar dual scale
- 1/4" NPT brass mounting stem
- Convex magnifying lens for easy reading
- Steel needle & peg
- Accuracy ± 1.5%

Part No.	Original No.	Pressure Range
2-1/2" Bottom Mount with Bronze Internals		
8.710-270.0	348216	0-100 PSI
8.710-272.0	348220	0-200 PSI
8.710-273.0	348224	0-300 PSI
8.710-276.0	348230	0-500 PSI
8.710-278.0	348240	0-1000 PSI
8.710-280.0	348245	0-2000 PSI
8.710-281.0	348250	0-3000 PSI
8.710-283.0	348255	0-4000 PSI
9.804-017.0	348260	0-5000 PSI
8.710-286.0	348262	0-6000 PSI
9.804-001.0	348265	0-10,000 PSI
2-1/2" Back Mount with Bronze Internals		
8.710-246.0	348125	30Hg - 0 Vacuum
8.710-250.0	348140	0-100 PSI
8.710-254.0	348150	0-500 PSI
8.710-256.0	348152	0-1000 PSI
8.710-257.0	348154	0-2000 PSI
8.710-258.0	348156	0-3000 PSI
8.710-259.0	348158	0-4000 PSI
9.803-996.0	348160	0-5000 PSI
8.710-262.0	348162	0-6000 PSI
9.804-013.0	348165	0-10,000 PSI
Mounting Hardware for Back Mount Gauges		
8.710-223.0	348001	U-bracket
8.710-228.0	348090	3-hole flange, mounted

AMP Meters



- Designed for OEM or replacement
- Utilize as constant monitor or as test instruments
- Accuracy to ± 5%
- Rugged & weather-resistant
- Bright stainless bezel
- Metal case
- Fits 2-1/16" mounting hole

Part No.	Original No.	Range
8.701-686.0	091321	-15 to +15 Amps
8.701-687.0	091323	-20 to +20 Amps
8.701-688.0	091344	-60 to +60 Amps

Hour Meters for Gasoline Engines



- Elapsed time
- No battery required
- Digital quartz accuracy (± .02%)
- Extremely rugged
- & tamperproof
- Sealed from dirt & moisture
- Requires 2" panel cutout

Part No.	Description
8.749-183.0	EL 5-80V AC/DC 50/60 Hz
8.749-316.0	EL 24-277 AC/DC 50/60 Hz
9.802-283.0	115/240 VAC - Rectangle

Speedmaster Throttle Control



Stop overworking the engine and pump during bypass. Decelerator reduces engine speed when pump head pressure drops below 215 PSI, reduces flow during bypass, slows recirculation heat buildup.



- 3500 PSI
- 300°F
- A major system saver for gas engine units
- Machined brass body
- Stainless steel gland components
- 1/4" Male Connect
- Viton seals
- 42" lined and covered control cable
- Engine speeds infinitely adjustable for "Fine Tuned" system performance

Part No.	Original No.	Description
8.903-840.0	339000A	Throttle Control

Temperature Gauges



(Dial Thermometers)



- 3" diameter dial – stainless steel case
- Shatter-resistant polycarbonate lens
- Stainless steel stem (2.5")
- 1/2" MPT connector
- Accuracy to within 3% of dial range (ie. 50 - 500 = ± 6.8°F)

Part No.	Original No.	Description
8.712-488.0	426410*	Temp Gauge +50° to 500°F

*"Thermowell" to be used with dial thermometers in systems over 300 PSI. For best results fill thermowell with liquid silicon or glycol to increase sensitivity and accuracy of readings.

Thermowell for temperature gauge above

- Stainless Steel
- Gives 2000 PSI collapse protection
- 1.75" immersion length

Part No.	Original No.	Description
8.712-489.0	426423	Thermowell for 426410 above

Pressure & Temperature Test Set



Convenient test set provides both pressure and temperature check with one easy quick coupled connection at outlet of unloader or coil.



- **Test Set 5000**
500°F Thermometer
5000 PSI pressure gauge
for systems up to 2000 PSI
- **Test Set 10,000**
10,000 PSI pressure gauge
for systems up to 5000 PSI

Part No.	Original No.	Description
8.904-559.0	449045	Test Set 5000 (0-2500 PSI systems)
8.904-558.0	449040	Test Set 10,000 (0-5000 PSI systems)

Kohler Lombardini Engines - Diesel



Kohler Lombardini Air and Water Cooled Diesel Engines provide superior power and quiet operation.

New Part No.	Part No.	Gross HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
9.802-327.0	5-0407	26.8	1-1/2"	Electric	N/A	No	KDW1003, Water Cooled
9.802-326.0		16.8	1-1/2"	Electric		No	KDL0702, Water Cooled
9.802-328.0		9.8	1"	Electric		No	KD420, Air Cooled

Kohler Lombardini Engine Parts



8.717-912.0



8.717-915.0

Factory direct Kohler parts. Many parts stocked by Kärcher.

Part No.	Description	Engine Model
8.717-912.0	Oil Filter	KDW702/903/1003
8.717-915.0	Air Filter	KDW702/903/1003
8.717-909.0	Fuel Filter	KDW702/903/1003
8.717-910.0	Fuel Filter	KDW702
8.717-914.0	Oil Filter	KDW420
8.717-916.0	Air Filter	KDW420
8.723-777.0	Fuel Filter	KDW420

Vanguard Engines - Gasoline



VANGUARD,
V-TWIN OHV

Vanguard top-of-the-line engines have proven performance in the pressure washer industry.

- Easy, quick starting
- Super quiet muffler
- Large fuel tank
- OilGuard® low-oil shutdown

Part No.	Part No.	Gross HP	Engine CC	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
9.802-325.0	5-0309	16	479	1"	Electric	20 Amp	N/A	Vanguard 16
8.715-071.0		16	479	1"	Electric	20 Amp	9qt	Vanguard 21
8.715-067.0	5-0316	21	627	1"	Electric	20 Amp	N/A	Vanguard 16
8.715-065.0		16	479	1"	Recoil	N/A	N/A	Vanguard16

Briggs & Stratton Engine Parts



8.701-826.0



8.701-823.0



8.701-820.0

Genuine Briggs & Stratton replacement parts are available. Please provide engine model/type/code to assure proper fit of replacement parts.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations

Part No.	Original No.	Description
8.701-826.0	091960	Briggs 16/18 HP Vanguard, Oil Filter
8.701-820.0	091950	Briggs 5 HP Industrial, Air Filter
8.701-821.0	091952	Briggs 8 or 11 HP IC, Air Filter
8.701-823.0	091954	Briggs 16/18 HP Vanguard, Air Filter
8.718-021.0		Sparkplug, Vanguard, RC124C
8.718-018.0		Vanguard Air Cleaner 16/21 HP
8.701-810.0		Vanguard Oil Filter, 21 HP



Honda Engine Parts

Original Honda replacement parts from the factory. Filters are a great add-on to every service order.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations



Part No.	Original No.	Description
8.701-830.0	091970	Honda 18/20 HP, Oil Filter
8.701-764.0	091746	Honda GX160, Air Filter
8.701-780.0	091775	Honda GX240/270, Air Filter
8.701-781.0	091777	Honda GX340, Air Filter
8.701-782.0	091779	Honda GX610/620, Air Filter (old style)
8.701-783.0	091779A	Honda GX610/620, Air Filter (new style)
8.718-117.0		Honda GX, Sparkplug
8.750-964.0		GX630/660 Air Filter
8.750-965.0		GX630/660 Fuel Filter
8.750-966.0		GX630/660 Oil Filter
8.750-967.0		GX630/660 Spark Plug
8.750-970.0		Key
8.750-971.0		Key Switch
8.750-968.0		GX630/660 30 Amp Fuse
8.750-969.0		Regulator/Rectifier
8.750-972.0		GX630/660 Starter Assembly

12 VDC Starter Solenoid

Universal type used on many lawn and garden tractors and mowers.



- Double terminal – 5/16" - 24 studs
- Same as used on 16 HP B & S Vanguard engines
- Rated for intermittent duty (i.e. for starting small gasoline engines)

Part No.	Original No.	Description
8.701-691.0	091357	12V DC Starter

Keyed Ignition Switch - 12 VDC



- Universal style/5 pole
- Off-On-Start (spring back to On)
- Panel nut and star-lock washer
- Two keys included
- Has two auxiliary circuits
- Universal - used for small engine controls on many lawn and garden tractors, mowers

Part No.	Original No.	Description
8.701-689.0	091350	Keyed Ignition Switch, 5 pole
8.701-690.0	091351	Keyed Ignition Switch, 6 pole

Small Engine Test Equipment

Spark Tester



- Handy tool allows safe, easy visual inspection of ignition output
- Connects BETWEEN plug & plug wire
- Totally contained spark
- Engine will run with tester attached
- Neon test light verifies proper ignition

Part No.	Orig. No.	Description
8.701-680.0	091126	Spark Tester

Compression Tester



- Designed for small engines
- 2-1/2" dial reads up to 300 PSI
- 12" flexible hose to reach spark plug holes
- Adapters for 14mm and 18mm spark plug holes
- Built-in pressure holding/ release valves

Part No.	Orig. No.	Description
8.701-682.0	091133	Comp Tester



Wireless Tachometer

- Terrific service aid for 1-cylinder engines
- Just hold built-in antenna near spark plug
- Excellent for setting GPM on pressure washers; accuracy within 2% of full scale
- Two scales: 0-5000 RPM or 0-15,000 RPM
- Solid state electronics
- Requires 9 volt battery (not included)

Part No.	Orig. No.	Description
8.701-681.0	091132	Wireless Tach

Baldor Motors - Open Drip Proof (ODP)



Industrial grade motors built specifically to meet or exceed the demands of the pressure washer industry.

- The industry standard
- U.L. Listed
- Any Baldor motor available



1 PHASE
56 FRAME



1 PHASE
184T FRAME



3 PHASE
184T FRAME

Part No.	Old No.	HP	Phase	Voltage	RPM	Frame	Model
8.715-134.0	5-1044	1.5	1PH	115/230V	3450	56	34F171W448
9.802-338.0	5-1046	1.5	1PH	115V	3450	56C	17E072W505
8.715-137.0	5-1046E*	1.5	1PH	115V	3450	56C	34F316W448S2
8.709-742.0	337301	1.5	1PH	115/230	1725	56	14/7
9.802-339.0	5-1047	2.0	1PH	115/230V	3450	56C	3R613R717G1
8.715-133.0	5-1043	2.0	1PH	115/230V	3450	56H	35K263Y685
8.715-157.0	5-1071	2.0	1PH	115V	1725	56	35Q371R021G1
8.715-139.0	5-1047E*	2.0	1PH	115/230V	3450	56C	35K894Y685
8.709-748.0	337312	2.0	1PH	115/230	3450	56	17/8.8
8.709-746.0	337310	2.0	1PH	115/230	1725	56	18.4/9.2
9.802-340.0	5-1048	3.0	1PH	230V	3450	56C	35R613Y771G1
8.715-090.0	5-10081	30	1PH	208/230V	1725	56HC	35M895T356
8.709-751.0	337320	3.0	1PH	115/230	1725	184T	32/16
8.715-797.0		3.0	3PH	230V	1725	56C	35R613Y771G1
9.802-341.0	5-1053	5.0	1PH	208/230V	3450	56CZ	35V142S241G1
8.715-146.0	5-1053EE*	5.0	1PH	208/230V	3450	56CZ	35L3583214G1
8.715-091.0	5-10104	5.0	1PH	230V	1725	184TCZ	36G472W849
8.709-759.0	337331	5.0	1PH	208/230	3450	56	23-21
8.709-757.0	337329	5.0	1PH	208/230	1725	184T	25/23
8.709-013.0		5.0	3PH	208/230/460	1725	184T	14.8/14.7/7.4
9.802-336.0	5-10401	6.2	1PH	230V	1725	184TZ	36J185X288G1
8.751-004.0		6.2	3PH	208/230/460V	1725	184T	36B101Y483H2
9.802-331.0	337279	7.5	1PH	208/230	1725	215T	3-31
8.751-014.0		7.5	3PH	208/230/460	1725	213T	23/22.5/11.3
8.715-163.0	5-1080	8.2	1PH	208V	1725	215	N/A
8.715-165.0	5-1082	8.2	1PH	230V	1725	215	N/A
8.750-998.0		8.2	3PH	208V	1725	215	N/A
8.750-999.0		8.2	3PH	230/460V	1725	215	N/A
9.804-045.0	5-1016	10.0	1PH	230V	1725	215T	L1512T
8.751-015.0		10.0	3PH	208/230/460V	1725	215T	M3313T
8.751-006.0		15.0	3PH	208/230/460V	1760	254T	M2513T
8.715-134.0	5-1044	1.5	1PH	115/230V	3450	56	34F171W448

*Replacement for old style Kärcher "HOT" units, these have the capacitors on the side.

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated.

Baldor Motors - C-Face Open Drip Proof (ODP)



Built to "Industrial" Specifications. "S" Indicates Motor Has On/Off Switch. "B" Indicates motor is black.



Part No.	Orig. No.	Motor HP/S	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Full Load Amps	Voltage
Single Phase								
8.709-719.0	337255	3/4	1725	5/8"	5 7/8"	56/56C	10.2/5.4/5.1	115/208/230
8.709-743.0	337302	1.5	1725	5/8"	5-7/8"	56/56C	14/7	115/230
8.709-744.0	337304	1.5	3450	5/8"	5-7/8"	56/56C	13.2/6.6	115/230
8.709-712.0	337232B	1.5S	1725	5/8"	5-7/8"	56/56C	14/7	115/230
8.709-713.0	337234B	1.5S	3450	5/8"	5-7/8"	56/56C	13.2/6.6	115/230
8.709-747.0	337311	2.0	1725	5/8"	5-7/8"	56/56C	18.4/9.2	115/230
8.709-749.0	337313	2.0	3450	5/8"	5-7/8"	56/56C	17.6/8.8	115/230
8.709-714.0	337240B	2.0S	1725	5/8"	5-7/8"	56/56C	18.4/9.2	115/230
8.709-715.0	337242B	2.0S	3450	5/8"	5-7/8"	56/56C	17.6/8.8	115/230
8.709-752.0	337321	3.0	1725	1-1/8"	7-1/4"	184TC	32/16	115/230
8.709-754.0	337323B	3.0	3450	5/8"	5-7/8"	56/56C	13.7/12.5	208/230
8.709-722.0	337263B	3.0S	3450	5/8"	5-7/8"	56/56C	13.7/12.5	208/230
8.709-723.0	337264B	3.0	1725	5/8"	5-7/8"	184CZ/56C	32/16	115/230
8.709-724.0	337265B	3.0S	1725	5/8"	5-7/8"	184CZ/56C	32/16	115/230
8.709-725.0	337266B	3.0S	1725	1-1/8"	7-1/4"	184TC	32/16	115/230
8.709-726.0	337267B	4.0	1725	1-1/8"	7-1/4"	184TC	17.5/16	208/230
8.709-727.0	337268B	4.0	1725	5/8"	5-7/8"	182TCZ/56C	17.5/16	208/230
8.709-728.0	337269B	4.0	3450	5/8"	5-7/8"	56/56C	38/21/19	115/208/230
8.709-730.0	337271B	5.0	1725	1-1/8"	7-1/4"	184TC	25/23	208/230
8.709-731.0	337272B	5.0	3450	5/8"	5-7/8"	56HCY/56C	24/23	208/230
8.709-733.0	337273B	6.0	1725	1-1/8"	7-1/4"	213C/182TC	26	230
8.709-734.0	337275B	7.5	1725	1-1/8"	7-1/4"	215C/182TC	36/33	208/230
Three Phase Motors								
8.709-814.0	337520	3.0	1725	1-1/8"	7-1/4"	182TC	8.6/8.2/4.2	208/230/460
8.709-821.0	337530	5.0	1725	1-1/8"	7-1/4"	184TC	14.8/14.7/7.4	208/230/460
8.709-824.0	337535	7.5	1725	1-3/8"	7-1/4"	215TC	23/22/11	208/230/460
8.709-825.0	337536	7.5	1725	1-1/8"	7-1/4"	215TCZ/184TC	23/22/11	208/230/460
8.709-829.0	337542	10.0	1725	1-1/8"	7-1/4"	215CZ	30/28/14	208/230/460

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated voltage and properly sized wiring is used to supply power to motor.

Baldor Motors - Totally Enclosed Fan Cooled (TEFC)



Totally enclosed for special applications.

- The industry standard
- U.L. Listed
- Any Baldor motor available



1 PHASE

Part No.	Old No.	HP	Phase	Voltage	RPM	Frame	Model
8.715-160.0	5-1074	2.0	1PH	115/208/230V	1725	56H	35N486S301G1
8.715-156.0	5-1070	4.0	1PH	230V	1725	56H	35Q988R447G1

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated.

Baldor Motors - Totally Enclosed Fan Cooled (TEFC)



Featuring heavy gauge steel frames, ball bearings, welded base and "snap-action" starting for reliability. Built to industrial specifications.



Part No.	Original No.	HP	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Full Load Amps	Voltage
Single Phase								
8.709-766.0	337351	1.5	1725	5/8"	None	56	12/6	115/230
8.709-767.0	337352	1.5	1725	5/8"	5-7/8"	56C	12/6	115/230
8.709-769.0	337354	1.5	3450	5/8"	5 7/8"	56C	13.2/6.6	115/230
8.709-774.0	337363	2.0	3450	5/8"	5-7/8"	56C	17/8.5	115/230
8.709-773.0	337362	2.0	3450	5/8"	None	56	17/8.5	115/230
8.709-772.0	337361	2.0	1725	7/8"	5-7/8"	145TC	8.3	230 only
8.709-776.0	337370	3.0	1725	1-1/8"	None	184T	13.2	230
8.709-778.0	337373	3.0	3450	5/8"	None	56	12.5	230
8.709-779.0	337374	3.0	3450	5/8"	5-7/8"	56C	13.8-12.5	208-230
8.709-783.0	337379	5.0	1725	1-1/8"	None	184T	23	230
8.709-784.0	337380	5.0	1725	1-1/8"	7-1/4"	184TC	23	230
8.709-780.0	337376	5.0	3450	1-1/8"	None	184T	19.5	230
8.709-781.0	337377	5.0	3450	1-1/8"	7-1/4"	184TC	19.5	230
8.709-737.0	337280	7.5	1800	1-1/8"	7-1/4"	215C	34.1-30.8	208-230
8.709-786.0	337384	7.5	3450	1-3/8"	None	213T	30-33	208-230
8.709-793.0	337393	10.0	1725	1-3/8"	None	215T	40	230
Three Phase Motors								
8.709-813.0	8.751-796.0	3.0	1760	1-1/8"	7-1/4"	182TC	9-8.4/4.2	208-230/460
8.709-762.0	8.751-319.0	5.0	1750	1-1/8"	None	184T	13.9-13.4/6.7	208-230/460
8.709-760.0	8.751-318.0	5.0	1750	1-1/8"	7-1/4"	184TC	13.9-13.4/6.7	208-230/460
8.709-827.0	8.751-799.0	7.5	1770	1-3/8"	None	213T	18.8/9.4	208-230/460
8.709-735.0	8.751-793.0	7.5	1770	1-3/8"	7-1/4"	213TC	21-18.8/9.4	208-230/460
8.709-789.0	8.751-7946.0	7.5	3450	1-1/8"	None	184T	18.5-16.8/8.4	208-230/460
8.709-831.0	8.751-016.0	10.0	1770	1-3/8"	None	215T	25.4-24/12	208-230/460
8.709-794.0	8.751-795.0	10.0	3490	1-3/8"	None	215T	24.9-23.6/11.8	208-230/460

NOTE: Some of these motors will require two days from order to shipping

A.O. Smith - Pressure Washer Motors

Excellent power efficiency. "S" indicates Motor has On/Off switch.



Part No.	Orig. No.	Motor HP/S*	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Full Load Amps	Voltage
8.709-800.0	337413	2.0	3450	5/8"	5-7/8"	56C/56C	17.2/9.2/8.6	115/208/230
8.903-804.0	337414S	2.0	3450	5/8"	5 7/8"	56C/56C	17.2/9.2/8.6	115/208/230
8.903-805.0	337424S	3.0	3450	5/8"	5-7/8"	56C/56C	13.5	208/230
8.709-808.0	337438	6.0	3450	7/8"	5-7/8"	56Y	22.0	230
TEFC Motor								
8.709-798.0	337407T	1.5	1750	5/8"	5-7/8"	56C/56C	15.0/7.5	115/230

Couplers Built by Browning or Lovejoy

Listed as individual coupler sections (half) to allow flexibility in design.
For complete coupler select:

Bore size for motor + Bore size for pump + Spider = Complete Coupler

NOTE: Select halves from same series as listed in groups below (i.e. All "090/095", "099/100")



Part No.	Original No.	Description	Bore
090/095 Series: Up to 3 HP Electric or 4 HP Gas			
8.709-620.0	336031	Coupler Half	24mm
8.709-640.0	336050	Coupler Half	5/8" (090)
8.709-634.0	336044	Coupler Half	3/4" (090)
8.709-635.0	336045	Coupler Half	15/16" (090)
8.709-639.0	336049	Buna Spider for 090 (STD)	

099/100 Series: Up to 5-7 1/2 HP Electric or 5-13 HP Gas			
8.709-626.0	336038	Coupler Half	3/4" (100)
8.709-638.0	336048	Coupler Half	15/16" (099)
8.709-625.0	336037	Coupler Half	20mm(100)
8.709-627.0	336039	Coupler Half	24mm (099)
8.709-628.0	336039A	Coupler Half	24mm (100)
8.709-629.0	336040	Coupler Half	1" (100)
8.709-632.0	336042A	Coupler Half	1-1/8" (100)
8.709-637.0	336047	Coupler Half	1-3/8" (100)
8.709-633.0	336043	Buna Spider for 099/100 (STD)	

Pulleys

Fits Interpump, General and Admiral XLS, XDS Series pumps, plus XD3040, XD3047, XD3055 and XD3065.



- Double groove
- 24mm bore
- 2 x A groove

Part No.	Original No.	OD
8.711-115.0	376304	4.0"
8.711-116.0	376305	5.5"
8.711-117.0	376306	6.3"

Pulleys

- High quality cast iron pulleys
- Cast design
- All sizes available



AK pulley



2AK pulley



BK pulley



2BK pulley



3TB pulley

Part No.	Original No.	Size	OD
8.715-517.0	5-40102158	AK21*	2.10"
8.715-519.0	5-40102358	AK23*	2.30"
9.802-368.0		AK25*	2.50"
8.804-028.0		AK28*	2.80"
8.715-524.0		AK30H	3.05"
8.715-527.0	5-40103201	AK32H	3.25"
8.715-530.0	5-40103401	AK34H	3.45"
9.803-898.0	5-40103901	AK39H	3.75"
9.802-369.0	5-40107401	AK74H	7.25"
8.715-538.0	5-40108401	AK84H	8.25"
8.715-539.0	5-40108901	AK89H	8.75"

9.803-298.0	5-40203001	2AK30H	3.05"
9.802-371.0	5-40203201	2AK32H	3.25"
9.804-047.0	5-40203401	2AK34H	3.45"
8.715-546.0	5-40204401	2AK44H	4.75"
8.715-548.0	5-40204901	2AK49H	4.25"
8.715-549.0	5-40205101	2AK51H	4.95"
9.802-372.0	5-40205401	2AK54H	5.25"
8.715-555.0	5-40206401	2AK64H	6.25"
9.802-374.0	5-40207401	2AK74H	7.25"
9.802-375.0	5-40208401	2AK84H	8.25"
9.803-548.0	5-40209401	2AK94H	9.25"

8.715-560.0		BK30H	3.30"
9.802-377.0		BK32H	3.35"
9.802-379.0		BK36H	3.75"
8.715-566.0		BK40H	3.95"
8.710-819.0	372586	BK45H	4.25"
8.710-823.0	372596T	BK47H	4.45"
8.710-831.0	372650T	BK52H	4.95"
8.715-567.0	5-40405701	BK57H	5.45"
8.710-837.0	372695	BK60H	5.75"
8.710-841.0	372704T	BK62H	5.95"
8.715-568.0	5-40406501	BK65H	6.25"
8.715-570.0		BK70H	6.75"
8.715-571.0		BK75H	7.25"
9.802-380.0		BK80H	7.75"
8.715-573.0		BK85H	8.25"
8.710-858.0	372799T	BK100H	9.75"

8.715-576.0		2BK32H	3.35"
8.710-811.0	372499T	2BK34H	3.55"
8.802-383.0		2BK36H	3.76"
8.802-384.0		2BK40H	3.95"
8.802-385.0		2BK45H	4.25"
8.715-582.0		2BK47H	4.45"
8.715-583.0	5-40505001	2BK50H	4.75"
9.802-386.0		2BK52H	4.95"
9.802-387.0		2BK60H	5.75"
8.715-588.0		2BK62H	5.95"
9.804-060.0	5-40506501	2BK65H	6.25"
9.802-388.0	5-40506701	2BK67H	6.45"
9.715-591.0		2BK65H	6.75"
9.802-389.0	372774T	2BK80H	7.75"
8.715-593.0	372790T	2BK90H	8.75"
9.802-391.0		2BK100H	9.75"

8.715-598.0	5-406040	2TB40	4.35"
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9.802-392.0	5-407034	3TB34	3.75"
9.802-394.0	5-407040	3TB40	4.35"

*x 5/8" Bore

Super "Gripnotch" V-Belts



- Full line of belts
- "V" notched for longer life and better performance

Part No.	Original No.	Size
8.715-669.0		AX26
8.710-727.0	369128A	AX28
8.715-672.0		AX29
8.715-673.0	369130A	AX30
9.804-026.0		AX31
9.803-896.0		AX33
9.802-407.0		AX34
9.803-683.0		AX35
9.802-408.0	369136A	AX36
9.802-409.0		AX37
9.802-410.0	5-602038	AX38
8.715-682.0	5-602041	AX41
9.802-411.0	5-602042	AX42
9.802-412.0	5-604022	BX22
9.802-413.0		BX32
9.802-414.0	369134B	BX34
9.802-415.0	369135B	BX35
9.802-416.0	369136B	BX36
8.715-698.0	369137X	BX37
8.710-745.0	369138B	BX38
9.802-418.0		BX39
8.710-748.0	369140B	BX40
9.802-419.0	369142B	BX42
8.710-754.0	369143B	BX43
9.802-421.0	369144B	BX44
8.710-756.0	369145B	BX45
8.715.706.0		BX46
8.715-708.0		BX48
8.715-710.0		BX51

Pulley Bushings

Split Taper "H"



- Split taper, malleable iron
- Keyed to both shaft and hub
- Highest torque carrying capacity

- For use with "H" sheaves, above.

Part No.	Original No.	Size
Motor / Engine Bushings		
8.710-782.0		H x 5/8"
8.710-780.0		H x 3/4"
8.710-783.0		H x 7/8"
8.710-784.0		H x 1"
8.710-786.0		H x 1-1/8"
8.710-787.0		H x 1-3/8"
8.715-638.0	5-511139	H x 1-3/8"-6B, Spline

Pump Bushings

8.711-118.0	376320	H x 20mm
8.711-119.0	376322	H x 22mm
8.711-121.0	376324	H x 24mm
8.711-122.0	376325	H x 25mm
8.711-123.0	376330	H x 30mm
8.711-124.0	376332	H x 32mm
8.711-125.0	376335	H x 35mm

Reference / Calculation Guide

Conversion Factors

1 inch = 25.4 mm	1 gal H2O = 8.33 lbs	1 gal = 3.79 liter	1 kg = 2.205 lbs
1 cm = 0.394 inch	1 oz = 23.35 gram	1 liter = 0.2642 gal	1 KW = 1.341 HP

Horsepower (HP) Equations

$$HP = \frac{GPM \times PSI}{1460} \quad PSI = \frac{HP \times 1460}{GPM} \quad GPM = \frac{HP \times 1460}{PSI}$$

Questions and Answers

Q: How fast do I turn my pump to give me a desired GPM?

A: Required RPM = $\frac{(\text{desired GPM} \times \text{Rated RPM})}{\text{Rated GPM}}$

Q: What size pump pulley do I use to get a certain RPM?

A: Pump Pulley Diameter = $\frac{\text{Motor Pulley Diameter} \times \text{Motor RPM}}{\text{Pump RPM}}$



makes a difference

ClearFire

Pressure Washer Burners



Kärcher's Clear**Fire** oil burners lead in performance, reliability and efficiency. Exclusive features provide a durable, maintenance-free package. Designed for harsh environments, these burners are built to last, providing years of trouble-free service.

see next page for details

Kärcher Clear-Fire Burners



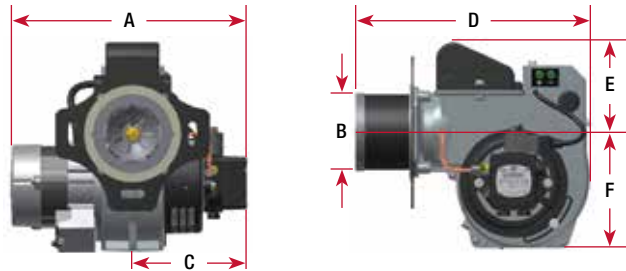
Clear-Fire oil burners by Kärcher are a leader in performance, reliability, and energy efficiency. Industry exclusive features provide a durable, maintenance free package. Designed especially for the harsh environment of the pressure washer industry, these burners are built to provide years of trouble-free service.



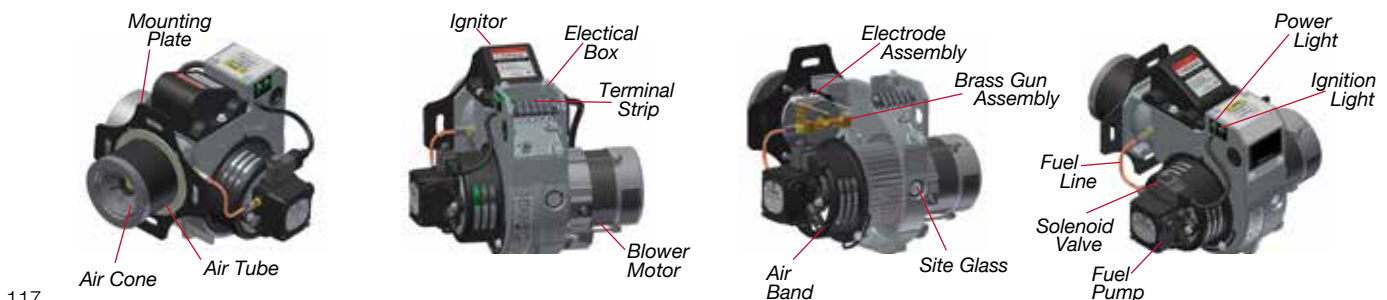
- 0.75 to 3.0 GPH
- 56,000 TO 420,000 BTU's
- Exceptional performance even at low GPH for a wide range of applications
- Easy to service due to overall simple ease of making adjustments and overall design
- Sight glass for viewing spark, ignition, and fan provides at-a-glance performance monitoring of inside of burner
- Solid State, high output ignitors for better ignition
- Power and ignition indicator lights show that burner is working
- Corrosion-free die cast aluminum fan housing with slide-in guide for forged brass gun assembly
- Dependable Suntec fuel pumps are the best in the industry
- Forged brass gun assembly with self-aligning electrodes for reliable ignition
- Water-tight electrical box with numbered terminal strip and wiring diagram for quick and easy installation
- Fuel options include No. 1 or 2 heating oil, No. 1 or 2 diesel fuel or Kerosene
- ETL Listed to UL and CSA Safety Standards

Dimensions in inches

	A	B	C	D	E	F
Horizontal	12.25	3.0	5.75	13.0	3.0	6.0
Vertical w/ Danfoss	11.60	3.0	5.10	10.3	3.0	6.0
Vertical w/ Suntec	12.25	3.0	5.75	10.3	3.0	6.0



Part No.	Motor/Ignitor Voltage	Motor	Solenoid Voltage	Air Air Size	Firing Rate Min (GPH)	Firing Rate Max (GPH)	Tube Length
Horizontal Fired Burners, Suntec Fuel Pumps							
8.918-916.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	24V	F22	2.0	3.0	3"
8.918-914.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	24V	F12	1.25	2.0	3"
8.918-913.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F22	2.0	3.0	3"
8.918-915.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F12	1.25	2.0	3"
8.918-920.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F4	0.75	1.25	3"
8.918-917.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	24V	F22	2.0	3.0	3"
8.918-918.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F22	2.0	3.0	3"
8.918-919.0	12VDC	1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound	12-24V	F22	2.0	3.0	3"
Vertical Fired Burners, Suntec Fuel Pumps							
8.918-907.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F6	0.5	3.0	1"
8.918-908.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F22	2.0	3.0	1"
8.918-909.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	230V	F22	2.0	3.0	1"
8.918-912.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	12-24V	F22	2.0	3.0	1"
8.918-910.0	12VDC	1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound	12-24V	F12	1.25	2.0	1"
8.918-911.0	12VDC	1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound	12-24V	F22	2.0	3.0	1"
Vertical Fired Burners, Danfoss Fuel Pumps							
8.918-902.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F22	2.0	3.0	1"
8.918-901.0	120V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F6	0.5	3.0	1"
8.918-903.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	120V	F22	2.0	3.0	1"
8.918-904.0	230V	1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start	230V	F22	2.0	3.0	1"
8.918-905.0	12VDC	1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound	12-24V	F12	1.25	2.0	1"
8.918-911.0	12VDC	1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound	12-24V	F22	2.0	3.0	1"



Kärcher Clear-Fire Replacement Parts

Part No.	Description
8.918-050.0	Burner Housing Assembly
8.700-758.0	Suntec Fuel Pump, 12-24V Sol
8.700-759.0	Suntec Fuel Pump, 120V Sol
8.700-760.0	Suntec Fuel Pump, 230V Sol
8.753-000.0	Danfoss Fuel Pump
8.750-762.0	Danfoss Solenoid Coil, 230V
8.750-763.0	Danfoss Solenoid Coil, 120V
8.750-764.0	Danfoss Solenoid Coil, 12-24V
8.750-517.0	Burner Motor, 1/6 HP, 115V, 60Hz Emerson
8.750-518.0	Burner Motor, 1/6 HP, 230V, 60Hz Emerson
8.751-074.0	Burner Motor, 1/7 HP, 12VDC, Ametek
8.750-543.0	Flex Coupling, 1/2" x 5/16"
8.750-073.0	Flex Coupling, 5/16" x 5/16"
8.750-520.0	Fan, 1/2" Bore

Part No.	Description
8.751-072.0	Fan, 5/16" Bore
8.750-547.0	Connector, 37 Degree Flare, 1/8" NPT, Long
8.750-545.0	Connector, 37 Degree Flare, 1/8" NPT
8.749-000.0	Fuel Line Assembly
8.750-539.0	Gasket, flange
8.750-526.0	Gun, Electrode / Nozzle, 3"
8.750-525.0	Gun, Electrode / Nozzle, 1"
8.750-778.0	Electrode Ignition
8.919-114.0	Burner Ignitor, 120V
8.919-115.0	Burner Ignitor, 230V
8.919-116.0	Burner Ignitor, 12VDC
8.918-454.0	Junction Box Gasket
8.750-542.0	Junction Box Cover

115 / 230 Volt Oil Burners



- .4 to 3 GPH firing rate
- 6-1/4" Blower fan 115V and 230V
- 3450 RPM Pump/blower motor
- Solid state ignition
- Beckett "CleanCut" fuel pump with oil valve
- Air tube 2-3/4"
- UL recognized



Part No.	Original No.	Description
8.709-325.0	307032	Beckett AFG 115
8.709-326.0	307036	Beckett AFG 230

Beckett Burner Chart

BURNER				MOTOR			BLOWER WHEEL			IGNITOR ASSEMBLY		
Part No	Orig. No	Description	Becket No	Part No	Orig. No	Becket No	Part No	Orig. No	Becket No	Part No	Orig. No	Becket No
8.709-326.0	307036	AFG / 240Vac	VMG202	9.802-635.0	079608	21174U	9.802-649.0	079517	2999U	8.751-780.0		519970U
8.709-325.0	307032	AFG / 120Vac	VMG902	9.802-642.0	079602	21805U	9.802-649.0	079517	2999U	9.802-647.0	079669	51771U
8.709-327.0	307059	ADC / 13.5Vdc- W/O ICB*	VMG504	9.802-638.0	079613	52145U	9.802-636.0	079518	2999AU	8.751-784.0		521830U
8.709-328.0	307061	ADC / 13.5Vdc- W/ICB	VMG505	9.802-638.0	079613	52145U	9.802-636.0	079518	2999AU	8.751-784.0	079670	521830U
8.717-071.0	N/A	SM / 120V	H01501	8.701-090.0	079604	2364U	9.803-057.0	079515	2383U	9.803-060.0	079682	51824U
8.717-090.0	N/A	SM / 240V	H01301	8.701-093.0	079609	21344U	9.803-057.0	079515	2383U	8.751-781.0		5199702U

BURNER				FUEL PUMP			SOLENOID W/CORD SET			TUNE UP KIT		
Part No	Orig. No	Description	Becket No	Part No	Orig. No	Becket No	Part No	Orig. No	Becket No	Part No	Orig. No	Becket No
8.709-326.0	307036	AFG / 240Vac	VMG202	9.802-644.0	079642	2184403U	8.900-082.0	079054X	N/A	8.723-715.0	N/A	578730
8.709-325.0	307032	AFG / 120Vac	VMG902	9.802-645.0	079641	2184405U	8.900-081.0	079053X	N/A	8.723-715.0	N/A	578730
8.709-327.0	307059	ADC / 13.5Vdc- W/O ICB*	VMG504	9.802-562.0	079643	2184402U	8.900-080.0	079050X	N/A	8.723-715.0	N/A	578730
8.709-328.0	307061	ADC / 13.5Vdc- W/ICB	VMG505	9.802-562.0	079643	2184402U	8.900-080.0	079050X	N/A	8.723-715.0	N/A	578730
8.717-071.0	N/A	SM / 120V	H01501	9.802-645.0	079641	2184405U	8.900-081.0	079053X	N/A	8.723-715.0	N/A	578730
8.717-090.0	N/A	SM / 240V	H01301	9.802-644.0	079642	2184403U	8.900-082.0	079054X	N/A	8.723-715.0	N/A	578730

* Ignition Control Board

BURNERS

14 Volt ADC Oil Burner



- 14 Volt solid state ignition
- 1/6 HP
- 3450 RPM
- 4-1/4" Fan
- Beckett "CleanCut" fuel pump with oil valve
- Max rate 2.5 GPH

Part No.	Original No.	Description	Oil Valve	Electric Eye	Motor RPM
8.709-327.0	307059	Beckett 13.5V	Yes	-	3450
8.709-328.0	307061	Beckett 13.5V	Yes	Yes	3450

NOTE: Proper operation requires an engine with 16+ Amp alternator and deep cycle battery on nightly, overnight recharge

Flex Couplings



Part No.	Orig. No.	Beckett Part No.	Description
9.802-648.0	079520	2454	5/16 "A"- (AFG)
9.803-058.0	079522	2433	5/16 "S"- (SF/SM)
9.802-637.0	079524	2140501U	12 - VDC ADC

Genisys™ Contractor Tool



Advanced Burner Control, 120 Vac primary safety control for residential and light commercial oil burners.

Part No.	Beckett Part No.	Description
8.726-018.0	52082U	Genisys Contractor Tool

Beckett Misc. Parts



Part No.	Original No.	Beckett Part No.	Description
8.701-056.0	079530	149	Electrode Clamps (ALL)
8.701-063.0	079542	5432	Flange, w/ Gasket (ALL)
8.723-912.0	079543	5850	Flange, Split Unl A&S
8.701-070.0	079560	3616	Gasket, Universal AMF
9.802-653.0	079562	3416	Gasket, Unit Mtg
9.802-671.0	079592	5877	Burner Housing AFG/ADC
8.701-085.0	079595	5717 (51400)	Knurled Nut Kit ADC
8.701-134.0	079677	51304	Transf Mtg Gasket AFG
8.701-132.0	079674	31404	Transformer Clip
8.701-122.0	079654	7006U	Cadcell Flame det
8.701-137.0	079684	7556A0000	Primary Control, 14V DC
8.701-133.0	079675	3245	Transformer Spring
8.701-106.0	079629	AF90	Air Tube w/o Head
8.701-074.0	079573	5151501	Air Band (3 x 92 AFG)

Electrode / Insulator Assembly



Part No.	Original No.	Beckett Part No.	Description
9.802-668.0	079534	5780	Std to 9" AFG, SM, SF
8.717-978.0	079548	578728	ADC

Oil Burners



115 / 230 Volt

- .75 to 3 GPH firing rates
- Solid state ignition (Low Amp)
- High volume 6-1/4" blower on 220V unit, 5-3/16" blower on 110V unit
- 3450 RPM pump/blower motor
- "A" - type SUNTEC fuel pump
- 3-3/4" air tube with adjustable flange for maximum versatility
- UL recognized



12 Volt

- 12 Volt solid state ignitor
- 3450 RPM fuel pump
- .5 to 2.75 GPH Capacity with oil valve



Part No.	Original No.	Description
8.709-317.0	307000	115V AC Burner w/ Oil Valve
8.709-318.0	307003	230V AC Burner w/ Oil Valve
8.709-319.0	307007*	12V DC Burner w/ Oil Valve

*Proper operation requires an engine with 16+ Amp alternator and deep cycle battery on nightly, overnight recharge

Wayne Burner Chart

Part No.	Description	Ignitor	Transformer	Motor	Blower Wheel	Fuel Pump	Solenoid Valve	Electrode Assembly	Tune Up Kit
8.709-317.0	Wayne 115V	8.700-802.0 079111	8.700-804.0 079115	8.701-095.0 079612	8.700-730.0 079005	8.700-749.0 079030	8.700-779.0 079062	8.700-770.0 079052	8.700-774.0 079056
8.709-318.0	Wayne 220V	N/A N/A	8.700-809.0 079123	8.701-094.0 079611	8.700-731.0 079006	8.700-749.0 079030	8.700-780.0 079063	8.700-770.0 079052	8.700-774.0 079056
8.709-319.0	Wayne 12V	8.700-807.0 079120 Includes	N/A N/A	8.700-739.0-FASCO 079021 8.750-715.0-MET to FASCO 079021X	8.700-727.0- (079003)FASCO 2.44" W x 2.53" T 5/16" shaft 8.700-728.0 (079003A) MET 3.44" W x 4.25" T 1/2" shaft	8.700-749.0 079030	8.700-782.0 079064	8.700-770.0 079052	8.700-774.0 079056 with 8.700-721.0 coupling for converting from MET to FASCO

NOTE: 8.700-721.0 - Coupling for 8.700-740.0 FASCO motor used on MET to FASCO converted burner

8.700-720.0 - Adaptor Bushing to allow MET blower wheel to work with FASCO motor

8.700-740.0 - Conversion Kit - Use MET to FASCO conversion kit if 12V burner motor cannot be identified. The kit contains the following parts: 8.700-739.0 Motor; 8.700-720.0 Adaptor bushing; 8.700-682.0 Adaptor Plate; 8.700-721.0 Coupling; 8.700-691.0 Screws (2); 8.700-104.0 Nuts

Blower Wheel



Part No.	Original No.	Wayne Part No.	Description	Shaft Size
8.700-730.0	079005	20288/SER	5-3/16" x 3-7/16"	1/2"
8.700-731.0	079006	21854/SER	6-1/4" x 4-3/16"	1/2"
8.700-726.0	078999	20673	4-1/4" x 3-1/8"	1/2"
8.700-727.0	079003	21427/SER3	12V (Fasco)	5/16"
8.700-728.0	079003A	21427	(MET)	1/2"

Common Parts - Beckett & Wayne



Oil Line



Brass Elbow

Part No.	Orig. No.	Description
8.701-054.0	079526	Oil Line, 6.5", Copper
9.802-667.0	079058	Oil Line, 8", Copper
8.701-053.0	079525	Oil Line, 9.5", Copper
8.700-784.0	079066	Brass 90° Elbow 1/8" flare, 1/8" MPT
8.700-785.0	079067	Brass 90° Elbow 3/16" flare, 1/8" MPT
8.700-738.0	079020	Oil Pressure Gauge 0 - 200 PSI
8.700-768.0	079051	(28737-1) Nozzle Adapter
8.705-063.0	140150	Straight Thru Double Nipple 1/8" x 1/8"

Wayne Burner Parts



Part No.	Orig. No.	Wayne Part No.	Description
8.700-774.0	079056	31156	Wayne Burner Tune-up Kit
8.700-770.0	079052	14733-001 14734-002	Electrode Assembly (Pair) with Buss Bars – G shape
8.700-743.0	079024	12945	Buss Bar – G shape
8.700-754.0	079034	14344	Burner Gasket
8.700-692.0	078785	12484	Universal Gasket
8.700-735.0	079014	4725	Burner Housing (E-Series)
8.700-736.0	079016	2689	Burner Flange "F"
8.700-776.0	079059	13279	Flex Coupler A Fuel Unit
8.700-777.0	079060		Coupler End (J Pump 7/16")
8.700-733.0	079010	13360	Trans Clip Screw
8.700-734.0	079011	13038	Trans Clip
8.700-729.0	079004	2668	Outer Air Band (8 Hole)
8.700-732.0	079007	2669	Inner Air Band (8 Hole)
8.700-714.0	078979	31702-014	Gun Assy, F/307007
8.700-680.0	078752		Nzl Adapter w/legs MSR/DC

Burner Motors



48M
5.75" Dia



48N
7.25" Dia

Part No.	Original No.	Capacitor	RPM	HP	Flange	Voltage	Wayne / Beckett
9.802-642.0	079602	Y	3450	1/7	48M	115V	20627 / 21805U
9.802-635.0	079608		3450	1/7	48M	240V	20892 / 21174U
8.700-739.0	079021		4500	1/5	48M	12VDC	21993-005 / N/A
9.802-638.0	079613		3450	1/7	48M	13.5V	N/A / 52145U
8.701-090.0	079604		3450	1/4	48N	115V	N/A / 2364U
8.701-091.0	079605		3450	1/4	48N	12V	N/A / 52146U
8.701-093.0	079609	Y	3450	1/4	48N	115/240V	N/A / 21344
8.701-094.0	079611		3450	1/5	48N	240V	21328 / 21173U
8.701-095.0	079612		3450	1/5	48N	115V	20554 / 2900U
8.700-740.0	079021X	Kit, 12VDC/MET to Fasco					
Universal							
8.700-741.0	079022		3450	1/7	48M	110-60 Hz	
8.700-744.0	079025		3450	1/5	48N	110/240V	Capacitor Start

Beckett Tune-Up Kit



Fits all Beckett Burners with 3" or 3-5/8" air tube

- Kit contains:
- 4-Becket Electrodes
 - 2-Couplings
 - 1-Fuel Line

Part No.	Description
8.723-715.0	Beckett Burner Tune-up Kit

Blower Wheels



Part No.	Beckett Part No.	Description	Shaft Size
9.803-057.0	2383U	6-1/4" D x 3-7/16" W	1/2" SF-SM
9.802-649.0	2999U	4-1/4" D x 2-1/2" W	1/2" AFG
9.802-636.0	21404	4-1/4" D x 2-7/16" W	5/16" ADC

BURNERS

CleanCut Fuel Pump



Simple design provides faster cleaning, more reliable cut offs, and cut ons. Cleaner operation-less soot. More reliable-fewer moving parts. Reduced motor load in start up. Higher capacity - 4 GPH at 100 PSI.



- 100-200 PSI - Factory set 100 PSI
- Inlet pressure 10 PSI
- Rated speed 3600 RPM
- Includes built in solenoid w/ cord set

Part No.	Original No.	Description
9.802-645.0	079641	110 Volt
9.802-644.0	079642	220 Volt
9.802-562.0	079643	12 Volt
9.802-646.0	079690	Valve Stem Kit (21877U)

Fuel Pumps



- Use with single or dual line systems
- Pressure adjustment valve

Part No.	Original No.	Suntec PN	GPH	RPM	Rotation
Standard Pumps					
8.700-749.0	079030	A2VA7116	3	3450	RH
8.700-753.0	079033	A2VC7118	3	3450	LH
8.700-756.0	079031	A1YA7912	7	1725	RH
8.700-757.0	079037	A2YA7916	7	3450	RH
8.700-748.0	079028	A2RA7710			RH
Pumps with Solenoid					
8.700-758.0	079038	A2VA3006-N221R w/12V	4	3450	RH
8.700-759.0	079038-110	A2VA3006-N621L w/110V	3	3450	RH
8.700-760.0	079038-220	A2VA3006-N721RS w/220V	3	3450	RH

Pump Replacement Parts

8.700-764.0	079044	3715732	Pump Fuel Screen (A2VA 7116)
8.700-772.0	079055	3715744	Pump Fuel Screen (A2AVA 7916)
8.700-765.0	079045	3779801	Gasket Cover

Danfoss Fuel Pump

8.753-000.0	071N1298	3.0	3450	RH
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Solenoid Coils

Part No.	Description
8.750-762.0	Solenoid Coil, 230V
8.750-763.0	Solenoid Coil, 120V

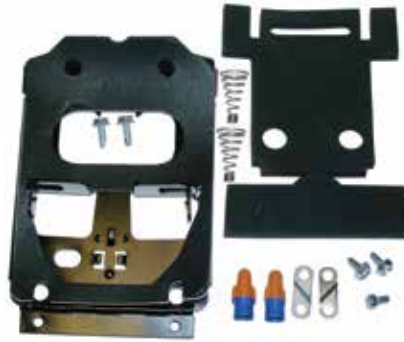
Fuel Conditioner & Soot Remover

- Easy to use – just add to burner fuel
- Keeps burner at top efficiency
- 1 oz. per 10 gallons



Part No.	Original No.	Description
8.704-625.0	112057	Pint (16 oz)
8.704-626.0	112059	Quart
8.719-158.0	9-4007	Soot-O-Magic Stick

Base Plates for Ignitors



Part No.	Original No.	Description
8.701-116.0	079644	A, Trans/Ign
8.701-117.0	079645	S, Trans/Ign
8.701-118.0	079646	E, Trans/Ign
8.701-119.0	079647	M, Trans/Ign

Burner Ignitors / Transformers



- Solid State Technology
- 14,000 Volt spark
- Only .35 Amp @ 110V
- 1.7 lbs

Part No.	Original No.	Beckett Part No.	Mounting	Volt
9.802-647.0	79669	51771U	AFG/Lo Amp	120V
8.751-784.0		521830	ADC w/Cad Cell	12VDC
9.751-785.0		5218303U	SDC w/Cad Cell	12VDC
9.803-060.0	79682	51824U	SM / SF	120V
8.751-780.0		5199701U	AFG	240V
8.751-781.0		5199702U	SM / SF	12VDC

Burner Transformers



- 10,000 Volt spark
- 2.2 Amp @ 120V
- 8.5 lbs
- FranceFormer



Part No.	Original No.	Wayne Part No.	Mounting	Volt
8.700-798.0	079105	23103/M	Back/MSR	220V
8.700-804.0	079115	23101/E	Side/EH-EHA	120V
8.700-806.0	079117	23101/M	Back/M-MSR	120V
8.700-809.0	079123	23103/E	Side/EH-EH	230V
8.700-810.0	079124	23103/FH	Side/FH	120V

Burner Ignitors



- Solid State Technology
- 14,000 Volt spark
- Only .35 Amp @ 120V
- 1.7 lbs



Part No.	Orig. No.	Wayne Part No.	Mounting	Volt
8.700-802.0	079111	101122/001	Side/EH-EHA, France	120V
8.700-803.0	079113	101121/001	Back/M-MSR, France	120V
8.700-800.0	079107	31813-002	Side/EH-EHA, Allanson	220V
8.700-801.0	079109	31812-002	Back/M-MSR	220V
8.700-807.0	079120	31812-003	Rear Mount, Carlon	12V
8.700-820.0	079152	31813003	Side Mount(E)	12V

Smoke Tester - Diagnostic Tool

The smoke tester gives you the ability to measure smoke (soot) density and adjust air flow and fuel pressure to optimize burner performance.



- A properly tuned burner:**
- Heats water more efficiently
 - Doesn't build up soot in the coil
 - Doesn't pollute the air
 - Keeps your customers happy
 - A tool that should be used by every serviceman in the industry.

Part No.	Original No.	Description
8.712-507.0	449020	Smoke Tester
8.712-506.0	449019	Filter Paper Refill*

*40 sheet (10 tests per sheet)

12 VDC KIP Fuel Solenoid Valve



- Brass body
- 12V DC coil
- 1/8" FPT I/O ports
- Conduit connector
- 5/64" orifice = 6 watt

Part No.	Original No.	Description
8.701-120.0	079652	Fuel Solenoid Valve

Gallons Per Hour Fuel Oil Chart

Rate GPH @ 100 PSI	U.S. Gallons Per Hour No. 2 Fuel Oil							
	Operating Pressure: Pounds Per Square Inch							
	125	140	150	175	200	250	275	300
.40	.45	.47	.49	.53	.56	.63	.66	.69
.50	.56	.59	.61	.66	.71	.79	.83	.87
.60	.67	.71	.74	.79	.85	.95	1.00	1.04
.65	.73	.77	.80	.86	.92	1.03	1.06	1.13
.75	.84	.89	.92	.99	1.06	1.19	1.24	1.30
.85	.95	1.01	1.04	1.13	1.20	1.34	1.41	1.47
.90	1.01	1.07	1.10	1.19	1.27	1.42	1.49	1.56
1.00	1.12	1.18	1.23	1.32	1.41	1.58	1.66	1.73
1.10	1.23	1.30	1.35	1.46	1.56	1.74	1.82	1.91
1.20	1.34	1.42	1.47	1.59	1.70	1.90	1.99	2.08
1.25	1.39	1.48	1.53	1.65	1.77	1.98	2.07	2.17
1.35	1.51	1.60	1.65	1.79	1.91	2.14	2.24	2.34
1.50	1.68	1.77	1.84	1.98	2.12	2.37	2.49	2.60
1.65	1.84	1.95	2.02	2.18	2.33	2.61	2.73	2.86
1.75	1.96	2.07	2.14	2.32	2.48	2.77	2.90	3.03
2.00	2.24	2.37	2.45	2.65	2.83	3.16	3.32	3.46
2.25	2.52	2.66	2.76	2.98	3.18	3.56	3.73	3.90
2.50	2.80	2.96	3.06	3.31	3.54	3.95	4.15	4.33
2.75	3.07	3.25	3.37	3.64	3.90	4.35	4.56	4.76
3.00	3.35	3.55	3.67	3.97	4.24	4.74	4.97	5.20
3.25	3.63	3.85	3.98	4.30	4.60	5.14	5.39	5.63
3.50	3.91	4.14	4.29	4.63	4.95	5.53	5.80	6.06
3.75	4.19	4.44	4.59	4.96	5.30	5.93	6.22	6.50
4.00	4.47	4.73	4.90	5.29	5.66	6.32	6.63	6.93
4.50	5.04	5.32	5.51	5.95	6.36	7.11	7.46	7.79
5.00	5.59	5.92	6.12	6.61	7.07	7.91	8.29	8.66
5.50	6.15	6.51	6.74	7.27	7.78	8.70	9.12	9.53
6.00	6.71	7.10	7.35	7.94	8.49	9.49	9.95	10.39
6.50	7.26	7.69	7.96	8.60	9.19	10.28	10.78	11.26
7.00	7.82	8.28	8.57	9.25	9.90	11.07	11.61	12.12
7.50	8.38	8.87	9.19	9.91	10.61	11.86	12.44	12.99
8.00	8.94	9.47	9.80	10.58	11.31	12.65	13.27	13.86
8.50	9.50	10.06	10.41	11.27	12.02	13.44	14.10	14.72
9.00	10.06	10.65	11.02	11.91	12.73	14.23	14.93	15.59
9.50	10.60	11.24	11.64	12.60	13.44	15.02	15.75	16.45
10.00	11.18	11.83	12.25	13.23	14.14	15.81	16.58	17.32
10.50	11.74	12.42	12.86	13.89	14.85	16.60	17.41	18.19
11.00	12.30	13.02	13.47	14.55	15.56	17.39	18.24	19.05
12.00	13.42	14.20	14.70	15.88	16.97	18.97	19.90	20.79

BURNERS

Delavan Fuel Nozzles



Part No.	Orig. No.	GPH
8.701-018.0	079477	2.00 x 60°W
8.701-020.0	079479	1.65 x 80°W
8.701-021.0	079480	1.50 x 80°W
8.701-023.0	079481	1.75 x 80°W
8.701-024.0	079482	2.00 x 80°W
8.701-025.0	079483	2.25 x 80°W

Part No.	Orig. No.	GPH
8.701-026.0	079484	2.50 x 80°W
8.701-028.0	079486	2.75 x 80°W
8.701-029.0	079487	3.00 x 80°W
8.701-031.0	079490	4.00 x 80°W
8.701-039.0	079505	1.65 x 90°W
8.701-032.0	079492	2.00 x 90°W

NOTE: The above "W" Nozzles are Stocked - All Sizes Are Available

Select proper size for maximum burner efficiency.

GPH	60° A Hollow Part No	60° A Hollow Orig No	60° B Solid Part No	60° B Solid Orig No	70° A Hollow Part No	70° A Hollow Orig No	70° B Solid Part No	70° B Solid Orig No	80° A Hollow Part No	80° A Hollow Orig No	80° B Solid Part No	80° B Solid Orig No	90° A Hollow Part No	90° A Hollow Orig No	90° B Solid Part No	90° B Solid Orig No
.50	8.700-850.0	079225	8.700-868.0	079250	8.700-887.0	079275	-	-	8.700-911.0	079325	-	-	-	-	8.700-981.0	079400
.60	-	-	-	-	-	-	-	-	8.700-912.0	079326	8.700-932.0	079351	8.700-960.0	079376	-	-
.65	8.700-852.0	079227	-	-	-	-	-	-	8.700-913.0	079327	8.700-933.0	079352	8.700-961.0	079377	-	-
.75	-	-	8.700-870.0	079253	-	-	8.700-896.0	079303	8.700-914.0	079328	8.700-934.0	079353	8.700-962.0	079378	8.700-982.0	079403
.85	8.700-853.0	079229	8.700-871.0	079254	-	-	-	-	8.700-915.0	079329	8.700-935.0	079354	-	-	8.700-983.0	079404
.90	8.700-854.0	079230	8.700-872.0	079255	-	-	-	-	8.717-333.0	900450	8.700-936.0	079355	8.700-963.0	079380	-	-
1.00	8.700-855.0	079231	8.700-873.0	079256	8.717-276.0	799516	8.700-897.0	079306	8.700-916.0	079331	8.700-937.0	079356	9.802-583.0	900451	8.700-984.0	079406
1.10	8.700-856.0	079232	8.700-874.0	079257	-	-	-	-	8.700-917.0	079332	8.700-938.0	079357	8.717-332.0	900449	8.700-985.0	079407
1.20	8.700-857.0	079233	8.700-875.0	079258	8.700-890.0	079283	-	-	8.700-918.0	079333	8.700-939.0	079358	-	-	-	-
1.25	8.700-858.0	079234	8.700-876.0	079259	-	-	8.700-899.0	079309	8.700-919.0	079334	8.717-350.0	900766	8.700-966.0	079384	8.700-986.0	079409
1.35	8.700-859.0	079235	8.700-877.0	079260	-	-	8.700-900.0	079310	9.802-584.0	900452	8.717-358.0	900784	8.700-967.0	079385	8.700-987.0	079410
1.50	8.717-328.0	900367	8.700-878.0	079261	8.717-278.0	799518	-	-	8.700-921.0	079336	8.717-351.0	900767	9.802-585.0	900650	8.700-988.0	079411
1.65	8.700-861.0	079237	8.700-879.0	079262	-	-	-	-	8.700-922.0	079337	8.700-943.0	900768	8.700-969.0	079387	8.700-989.0	079412
1.75	8.700-862.0	079238	8.700-880.0	079263	8.700-892.0	079288	8.700-903.0	079313	8.717-329.0	079338	8.717-352.0	900769	8.700-970.0	079388	9.802-575.0	079413
2.00	8.717-327.0	900270	-	-	-	-	8.700-904.0	079314	8.700-924.0	079339	8.717-353.0	900771	8.700-971.0	079389	9.802-576.0	079414
2.25	8.700-864.0	079240	8.700-881.0	079265	-	-	8.700-905.0	079315	8.700-925.0	079340	8.700-946.0	900773	8.700-972.0	079390	8.700-992.0	079415
2.50	8.700-865.0	079241	8.700-882.0	079266	8.700-893.0	079291	-	-	8.700-926.0	079341	8.700-947.0	900775	8.700-973.0	079391	9.802-586.0	079416
2.75	8.700-866.0	079242	8.700-883.0	079267	-	-	-	-	8.700-927.0	079342	8.717-330.0	900375	8.700-974.0	079392	8.700-994.0	079417
3.00	-	-	-	-	8.700-894.0	079293	-	-	8.700-928.0	079343	8.717-354.0	900777	8.700-975.0	079393	8.700-995.0	079418
3.25	8.700-867.0	079244	-	-	8.700-895.0	079294	-	-	-	-	8.700-950.0	079369	8.717-336.0	900454	8.700-996.0	079419
3.50	-	-	8.700-884.0	079270	-	-	-	-	8.700-929.0	079345	-	-	8.700-977.0	079395	8.700-997.0	079420
4.00	-	-	-	-	-	-	-	-	8.700-930.0	079346	8.700-952.0	079371	8.700-978.0	900456	8.700-998.0	079421
5.00	-	-	-	-	-	-	-	-	-	-	8.717-357.0	900783	8.700-979.0	079398	-	-
6.00	-	-	-	-	-	-	-	-	-	-	8.700-956.0	079374	-	-	8.701-000.0	079425
6.50	-	-	-	-	-	-	-	-	-	-	8.700-953.0	079372	-	-	-	-
7.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00	-	-	-	-	-	-	8.700-910.0	079324	-	-	-	-	-	-	-	-

"Snap" Fuel Nozzle Check Valve

Spring loaded "snap" check valve replaces filter element on fuel nozzle. Valve opens when fuel pump pressure reaches 130 PSI and "snaps" shut when fuel pressure drops below 130 PSI. Stops "smokey" burners at start up and eliminates "shut down" after burn.



- Reduces nozzle fouling caused by residual fuel in orifice
- Easy field installation in standard fuel nozzles
- Reduces soot build up in coil

Part No.	Orig. No.	Description	PSI
8.900-083.0	079210	Snap Fuel Valve,	100
8.900-084.0	079211	Snap Fuel Valve,	130
8.700-845.0	079215	Snap Check Valve, (5 pack)	130
8.700-844.0	079214	Snap Check Valve, (5 pack)	100

Nozzle Accessories



Part No.	Orig. No.	Description
8.700-849.0	079221	Nozzle Tray (Metal) (Open Top, 55-Compartment, Plastic)

Complete Burner Rings

Complete burner rings used in Kärcher NG/LPG machines have been engineered from the ground up to provide superior heating and extended life.



Part No.	Model No.	Jets Req'd
8.725-894.0	Burner Ring Complete, X44, NG, #52	44
8.718-055.0	Burner Ring Complete, X44, NG, #54	44
8.718-060.0	Burner Ring Complete, X44, LP, #63	44

Old Style Burner Rings*

8.919-522.0	Burner Ring, Square, NG, #54	48
8.919-523.0	Burner Ring, Square, LP, #65	48

*Improved design!

Gas Burner Rings - NG or LP Gas Jets

The Standard for Gas-Fired Pressure Washers. Impinged Jet Burner Rings offer the most efficient utilization of gas for heating water.



Gas Burner Ring

Part No.	Original No.	Model No.	Jets Req'd	1000 BTUH
Gas Burner Rings Only				
8.710-203.0	347502	Z-21	20	100-200
8.710-204.0	347504	X-11	32	160-320
8.710-207.0	347506	X-44	44	220-440
8.710-210.0	347508	X-66	66	330-660
8.904-003.0	347510	X-88	88	440-880



Gas Jets

Part No.	Original No.	Drill Size	Orifice Size	Use
Gas Jets for Burner Rings* (above)				
8.710-215.0	347552	#52	(.0635)	NG
8.710-216.0	347554	#54	(.055)	NG
8.710-217.0	347562	#62	(.038)	LP
8.710-218.0	347565	#65	(.035)	LP
8.710-219.0	347566	#66	(.033)	LP
8.710-214.0	347549	Blank (Must Be Drilled)		

*Due to freight damage on assembled rings / jets...Separately order correct number & size of jets for each burner ring.

Honeywell Gas Valves



9.803-615.0

Natural Gas - Small Millivolt Valve

Part #	Old No.	Description
9.803-615.0	7-7000CH1	Natural Gas Millivolt Valve, 3/4" NPT
9.803-617.0	7-7CH1	Pilot for Piezo Ignitor
9.803-611.0	7-70360	47" Powerpile
9.803-614.0	7-70232	LP Conversion Kit (NG to LP)
8.718-116.0	7-7078	NG Conversion Kit (LP to NG)



9.803-616.0

Natural Gas - Small Electronic Ignition Valve

Part #	Old No.	Description
9.803-616.0	7-700021	Natural Gas Electronic Ignition Valve, 24V, 3/4" NPT
9.803-618.0	7-702320	LP Conversion Kit (NG to LP)
8.718-112.0	7-70700	NG Conversion Kit (LP to NG)

See Electronic Ignition Parts Below



8.718-048.0



9.803-612.0

Natural Gas/LP - Large Electronic Ignition Valve

Part #	Old No.	Description
8.718-050.0	7-70003	Natural Gas Electronic Ignition Valve, 24V, 1" NPT (no LP conversion kit)
8.718-048.0	7-700022	LP Gas Electronic Ignition Valve, 24V, 1" NPT (no NG conversion kit)
9.803-612.0	2-990581	Solenoid Pilot

See Electronic Ignition Parts Below



9.803-613.0



9.803-610.0

Electronic Ignition

Part #	Old No.	Description
9.803-613.0	7-701510	Electronic Ignition Controller Black 90 sec TFI
9.803-610.0	7-702371	Pilot, Electronic Ignition
9.803-562.0	6-01352	48" Ignition Cable
8.905-681.0	6-01353	60" Ignition Cable
8.930-332.0		69" Ignition Cable

BURNERS

1" Gas Valves by Robert Shaw

Universal type for new equipment or replacement.



- Manual gas cock
- Auto pilot safety valve
- Wiring & hardware included
- Pilot gas filter
- 600,000 BTU LP gas
720,000 BTU natural gas
- 1" inlet/outlet

*Kit is for 8.710-174.0 and includes: gas valve, flame sensor, electrode pilot relight and harness

Part #	Old No.	Description
8.710-178.0	347406	240 Vac/NG, Standing Pilot
8.710-179.0	347407	24 Vac, NG, Standing Pilot
8.710-174.0	347403	24 Vac, NG, Electronic Ignition
8.710-181.0	347409	700 MV, Natural Gas
8.710-163.0*	347379	24V Retrofit Kit (NG) 720,000 BTU
9.802-677.0		Ignitor

LP Conversion Kit below

LP Conversion Kit for Robert Shaw



Convert NG to LP

Part #	Old No.	Description
8.710-187.0	347421	1" LP Conversion Kit
8.710-164.0	347380	LP Orifice

Gas Valves - LP or Natural

Universal type for building new systems or field replacement. 750 MV, 24V or 120V controls by White-Rodgers.



- 335,000 BTU max
- 3/4" inlet/outlet
- All adjustments & wiring connections on top of valve
- Automatic outlet pressure regulator
- A.G.A. design certified, C.G.A. certified

Part #	Old No.	Description
8.710-172.0	347400	Gas Valve 24V (1)
8.710-182.0	347410	Gas Valve 120V (2)
8.710-183.0	347412	Gas Valve 750 MV (1)
8.750-110.0		3/4" NG to LP Conversion Kit
8.750-109.0		3/4" LP to NG Conversion Kit

(1) Includes two 3/4" x 1/2" all-thread plated bushings and valve instructions.

(2) Includes L.P. Kit, two 3/4" x 1/2" and one 1/2" x 3/8" all-thread plated bushings and all instructions.

White-Rodgers Repair Parts

Part #	Old No.	Description
8.710-184.0	347416	24V Cycle Pilot Control (347425)
8.710-197.0	347440	120V Cycle Pilot Control
8.710-198.0	347446	Gas Ignition Electrode (24" Lead)

Gas Valve Accessory Components

Use with both 3/4" and 1" models on this page.



8.710-190.0

Part #	Old No.	Description
8.710-190.0	347430	750 MV Generator
8.710-191.0	347431	P110T Pilot Burner (Natural gas)
8.718-092.0	347436	Thermo Couple (w/ 24") Cap Tube
8.710-196.0	347438	Thermo Couple (w/ 36") Cap Tube
9.802-686.0		Thermopile, VNG, 44

Draft Diverters / Rain Caps



9.801-040.0



8.717-731.0

- Draft diverter prevents backdrafts, keeps cold air out
- Rain cap prevents water running down vent pipes
- Fits on standard stove pipe
- Hot dipped galvanized

Part #	Old No.	Description
8.717-764.0		8", 12V DC, Barometric Dampener
8.749-806.0		10", 12V DC, Power Dampener
8.753-171.0		12", 12V DC, Power Dampener
8.717-728.0	7-1003	8", Round
9.801-040.0	7-10031	10", Round
8.717-730.0	7-10032	12", Round
8.717-731.0	7-10033	10", Exhaust Stack, Cap
8.717-732.0	7-10034	12", Exhaust Stack, Cap

Flue Adapters



8.717-745.0

- Used to vent exhaust from horizontal hot water machines
- Hot dipped galvanized
- Adapts to standard stove pipe

Part #	Old No.	Description
8.903-430.0	30-199*	8" without Stack, new style kit
8.717-745.0	7-10049	8" without Stack, new style

*Includes insulation and mounting hardware



- High Quality Fischer regulators
- High and low pressure

Part #	Description
8.717-750.0	LP, 3/8" NPT X POL
8.717-752.0	LP, FPOL x 3/4" FIP
8.717-746.0	High Pressure
8.717-747.0	Low Pressure
8.717-749.0	Regulator, Propane Gas, Fischer
9.802-633.0	LP Assembly, includes High/Low Pressure Assy

Propane Gas Hose



Part #	Description
8.711-853.0	LP 1/4" X 10' POL x POL
8.711-856.0	LP 1/2" x 48" 1/2 MNPT BE
8.711-854.0	LP 1/4" X 18" MPOL BE
8.711-864.0	LP 3/4" X 16" MNPT BE

Coils



- Cold-rolled pipe, no weak points from heating to make bends
- Heavy-duty schedule 80 carbon steel pipe
- "Aluminized steel" wrapper
- Best warranty in the industry

9.803-014.0

Part #	Description
9.803-014.0	Skid Coil 20" Dia, Sch 80 with Aluminized Steel Wrap, Horizontal
8.919-136.0	DuraCoil 14.5" Dia, Sch 80, HDS Cage, Roll Cage large
8.919-133.0	DuraCoil 14.5" Dia, Sch 80, HDS Electric Roll Cage and Small Gas Cage
9.803-135.0	NG/LPG Coil, 18" Dia
9.717-928.0	Coil, HDS Heater (Tubing Construction)

Top & Bottom Wraps

- Stainless and mild steel

Part #	Description
8.919-733.0	Coil Wrap, SS, HDS Elec Roll Cage, HDS Small Gas Roll Cage
8.933-031.0	Coil Wrap, SS, HDS Electric Hand Truck, Belt Drive
8.933-028.0	Coil Wrap, SS, Small HDS Electric Hand Truck
8.915-908.0	Coil Wrap, SS, HDS Hand Truck, Direct Drive
9.803-005.0	Top Wrap, SS, HDS Gas/Diesel Skids
9.803-006.0	Bottom Wrap, SS, HDS Gas/Diesel Skids
8.949-732.0	Coil Wrap, SS, HDS Gas Roll Cage
8.917-568.0	Coil Wrap, SS, NG/LPG Machines

Coil Insulation



9.802-883.0

9.802-894.0

9.802-900.0



9.802-901.0

9.802-902.0

- Refractory grade ceramic
- Retains heat inside coil for better fuel efficiency and paint protection

Part #	Description
9.802-883.0	Front Head, No Hole
8.735-002.0	Front Head, No Hole, 16"
9.802-894.0	Burner Head, with Hole
8.731-284.0	Burner Head, with Hole, 16"
8.933-009.0	Gasket, Burner Plate
8.717-424.0	Gasket, Skid Stackless Top
8.717-425.0	Gasket, Stackless Adapter
9.802-900.0	Tank, 1" Blanket, Vertical Oil-Fired Coils
9.802-901.0	Tank, 16" OD x 8" ID, Small Vertical Coils
8.717-410.0	Blanket, w/ Foil sqft (10 sqft reqrd)
9.802-896.0	Blanket-No Foil, 24" x 57", Horizontal
9.802-902.0	Blanket-Die Cut, 28" x 24", Horizontal
8.717-433.0	Blanket-Die Cut, 33" x 89" (NG/LPG)
8.930-140.0	Insulation, Tank Head, 20", 10" Opening
9.802-905.0	Insulation Blanket, HDS Hand Truck
8.717-433.0	Insulation Disc, HDS Hand Truck

Insulation & Rigid Disc/Donuts

Refractory grade ceramic kaowool formed; retains heat inside coil for better fuel efficiency and paint protection.



Part #	Old No.	Description	Thickness	Width	Length
"Rigid Formed" Donut & Discs					
8.704-807.0	122253	Donut	.88"	18"	6"/4.4"
8.704-810.0	122258	Donut	.88"	16"	6"/4.4"
8.717-474.0		Donut		24"	
8.704-808.0	122254	Disc	1/2"	18"	
8.704-809.0	122257	Disc	1/2"	16"	
8.717-475.0		Disc		24"	
Insulation Blanket					
8.901-288.0	122204	Coil Wrap	1"	24"	4'
8.901-289.0	122205	Coil Wrap	1"	24"	5'
8.704-800.0	122206	Coil Wrap	1"	24"	6'
8.704-802.0	122222	Full Roll	1/2"	24"	37.5'
8.704-805.0	122225	Full Roll	1"	24"	25'

ELECTRICAL COMPONENTS

Kärcher 500 Flow Switch



Vertical mounting or versatile mounting.



- Viton seals
- For solenoid control only
- 1-8 GPM
- 4350 PSI
- 3/8" FPT Inlet / Outlet
- 190°F
- 1 Amp switch
- 2 Wire Reed
- Heavy-duty machine brass internals
- 63" Wire length

Part No.	Original No.	Description
8.712-244.0	410305A	Vertical Mount Only
8.933-006.0		Mount in Any Position (Gray)
9.803-266.0	109672	Reed Switch Only (2 wire)

Legacy Flow Switch



Allows for mounting versatility.



- 4050 PSI
- 3500 rated pressure
- Horizontal or vertical mount
- Forged brass body
- 48" Wire length
- 2 Wire Reed
- 3/8" MPT inlet/outlet
- 8 GPM
- 190°F
- One Amp switch
- Solenoid control

Part No.	Original No.	Description
8.712-246.0	410307P	Flow Switch
9.803-266.0	109672	Reed Switch Only

Flow Switch



- Brass body
- 8 GPM
- 3600 PSI
- 3 Amp reed switch
- 180°F
- 3/8" inlet/outlet ports

Part No.	Orig. No.	Description
8.712-243.0	410305	ST-5 – Vertical Mnt Only (48" wire length)
8.712-245.0	410306	ST-6 – Horiz. or Vert. Mnt (47" wire length)
9.803-266.0	109672	Reed Switch (AP) (2 wire)
8.704-122.0	109675	ST-5 – Reed Switch
8.704-121.0	109673	ST-6 – Reed Switch

Phoenix Flow Switch w/ Pilot



- .75-16.0 GPM
- 4000 PSI
- 165°F
- 3 Amp-250 Volts
- 96" Reed Cord
- Includes 8mm Pilot
- 3/8" F inlet/outlet
- 2.5 lbs
- Mounting Hole

Part No.	Original No.	Description
8.712-252.0	410320	Switch with Pilot
8.712-253.0	410322	Reed Switch

7300 PSI SS Flow Switch



- 7300 PSI
- Stainless Steel
- 176°F
- 3/8" inlet/outlet
- 47" wire length
- 1 - 8 GPM

Part No.	Original No.	Description
8.723-665.0	87236650	ST-505 Flow Switch

VAC Switch - Burner Control

Normally open (NO) switch closes when pump vacuum begins drawing water and opens when vacuum is broken due to pump shut down or empty water tank.



- 1/4" FPT connect
- Heavy-duty 16 Amp contacts
- 140°F max water temperature

Part No.	Original No.	Description
8.712-391.0	413031	1.5" (HG) Vac Switch
8.712-392.0	413032	2.5" (HG) Vac Switch
8.712-393.0	413034	4.5" (HG) Vac Switch

Pressure Switch



Operation without opening switch case – Blue = Common
CONNECT: Red/Blue = N/C, Blue/Brown = N/O



- 200°F
- Stainless steel plunger
- 3600 PSI
- 1/4" MPT nipple
- 15 Amp – 115 or 230V AC
- 3-wire – Internally wired for either N/O or N/C
- 42" wire length

Part No.	Original No.	Description
8.712-261.0	411060	Pressure Switch (Switches@360 PSI)
8.712-262.0	411060-40	Pressure Switch (Switches@580 PSI)
8.712-272.0		Pressure Switch 3/8" MPT (Switches@580 PSI)
8.701-311.0	082023	Micro Switch (15 Amp 115/230VAC)

NOTE: 10 AMP 28 VDC Micro Switch available. Excellent for use on 12 VDC Hot Pressure Washers.

Compact Pressure Switch

Three Amp rating provides the switching power to control fuel solenoids just like the large switches. Body measures 1" x 1-1/4" x 2" (Not including wire or connector)



- 3600 PSI max rating
- 580 PSI switch pressure
- 200°F
- 1/4" brass MPT connect SS plunger
- 3 Amp switch rating –
- 250V
- 48" – 3-wire cable for use in either NC or NO application:
Blue = Common
Brown = NO;
Red = NC

Part No.	Original No.	Description
8.712-260.0	411050	Compact Pressure Switch

Black Pressure Switch



- Brass stem and stainless steel nipple
- 3,600 PSI
- 580 PSI switching pressure
- 45" wire length
- 195°F
- 1/4" male inlet
- 15 amp
- Weight: 8 oz
- 250 volts

Part #	Old No.	Description
9.802-458.0	6-021720	Black Pressure Switch

Red Pressure Switch



- All stainless steel construction
- 5,800 PSI
- 640 PSI switching pressure
- 44" wire length
- 195°F
- 3/8" male inlet
- 15 amp
- Weight: 10 oz
- 250 volts

Part #	Old No.	Description
8.712-267.0	411065	Red Pressure Switch
8.704-572.0	111459	Heavy-duty Micro Switch

Toggle / Push Button Switch



- 7/16" mounting bushing
- 1/2" diameter mounting hole required
- Mounting hardware included

Part #	Old No.	Description	HP*	Connects
8.712-319.0	411605*	SPST, 20A/110V	1.0	m/spade
8.712-320.0	411607	DPST, 20A/110V		m/spade
8.709-705.0	337206*	DPST, 20A/125V	1.5	screw
8.709-704.0	337205*	DPST, 20A/250V	2.0	screw
8.709-054.0	285140*	SPST, 20A/120V	3/4	m/spade
8.709-065.0	285189*	DPST, 20A/120V	3/4	screw
8.716-078.0		SPST, 20A/120V	1.5	
8.709-706.0	337207	Switch Guard		
8.716-081.0		Waterproof Switch Protector		

Push Button Switches

8.709-053.0	285139	SPST, 5A/120V Push on/ push off		screw
8.709-064.0	285187	SPST, 15A/120V Push and hold on/ release off		screw

*Motor rated

30 AMP Toggle Switch



- 30 amp 600 volt - DPST
- With or without box
- Rated for:
2 HP motor @ 115V
3 HP Motor @ 230V

Part #	Old No.	Description
8.709-696.0	337187	Switch only
8.903-802.0	337188	Switch & Rain Tight Box
8.709-708.0	337210*	Switch w/ NEMA 1 Box

*Not Rain Tight (Baldor Replacement)

High Limit Switch



8.712-305.0

- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 amp @110V/10 amp @ 220V
- Heavy-duty brass housing (7,000 PSI collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4 male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

Part #	Old No.	Probe MPT	Temperature
8.712-301.0	411254	3/8"	120°F
8.712-206.0		3/8"	140°F
8.712-304.0	411262	3/8"	170°F
8.712-306.0	411266	3/8"	180°F
8.712-311.0	411276	3/8"	230°F
8.712-179.0		1/2"	180°F
8.712-308.0	411270	1/2"	210°F
8.712-298.0		1/2"	230°F
8.712-313.0		1/2"	250°F
8.712-316.0	411332	1/2"	330°F
8.705-351.0	141538	1/2"	PVC Coupler

High Limit Switch w/ Wire Lead



- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 amp @110V/10 amp @ 220V
- Heavy-duty brass housing (7,000 PSI collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4 male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

Part #	Probe MPT	Wire Lead	Temperature
8.712-185.0	1/2"	42"	225°F
8.712-205.0	1/2"	42"	330°F

EATON Cutler-Hammer DP Contactors

Cutler-Hammer



- Cutler-Hammer quality
- Type C25 definite purpose contactors feature a compact, efficient design with low VA coil
- Din rail mounting

Part #	Coil Voltage	FL Amps	Motor Hp @ 115V 1ph	Motor Hp @ 230V 1ph	Motor Hp @ 230V 3ph	Motor Hp @ 460V 3ph	Motor Hp @ 575V 3ph
8.724-267.0	24v	15	.75	2	3	5	5
8.724-264.0	115v	15	.75	2	3	5	5
8.724-265.0	230v	15	.75	2	3	5	5
8.724-266.0	460v	15	.75	2	3	5	5
8.724-269.0	24v	25	2	3	7.5	10	10
8.724-268.0	115v	25	2	3	7.5	10	10
8.724-270.0	230v	25	2	3	7.5	10	10
8.724-271.0	460v	25	2	3	7.5	10	10
8.724-275.0	24v	30	2	5	10	15	15
8.724-272.0	115v	30	2	5	10	15	15
8.724-273.0	230v	30	2	5	10	15	15
8.724-274.0	380v	30	2	5	10	15	15
8.724-280.0	24v	40	3	7.5	10	20	20
8.724-276.0	115v	40	3	7.5	10	20	20
8.724-277.0	230v	40	3	7.5	10	20	20
8.724-279.0	380v	40	3	7.5	10	20	20
8.724-278.0	460v	40	3	7.5	10	20	20
8.724-283.0	24v	50	3	10	15	30	30
8.724-281.0	115v	50	3	10	15	30	30
8.724-282.0	230v	50	3	10	15	30	30
8.724-286.0	24v	60	5	10	20	40	40
8.724-284.0	115v	60	5	10	20	40	40
8.724-285.0	230v	60	5	10	20	40	40
8.735-015.0	115v	65	5	15	25	50	60

XT Overloads for DP Contactors

Cutler-Hammer



- Cutler-Hammer quality
- Direct heated bimetal elements
- Adjustable trip current
- Manual/automatic reset

Part #	Amp Range
8.724-297.0	0.4 - 0.6
8.724-298.0	0.6 - 1.0
8.724-299.0	1.0 - 1.6
8.724-300.0	1.6 - 2.4
8.724-301.0	2.4 - 4.0
8.724-302.0	4.0 - 6.0
8.724-303.0	6.0 - 10.0
8.724-312.0	10.0 - 16.0
8.724-304.0	16.0 - 24.0
8.724-305.0	24.0 - 32.0
8.724-306.0	24.0 - 40.0
8.724-307.0	40.0 - 57.0

Push Button & Contact Blocks

Cutler-Hammer



- Cutler-Hammer quality
- Heavy-duty
- Water tight/oil tight

8.751-912.0



8.751-916.0



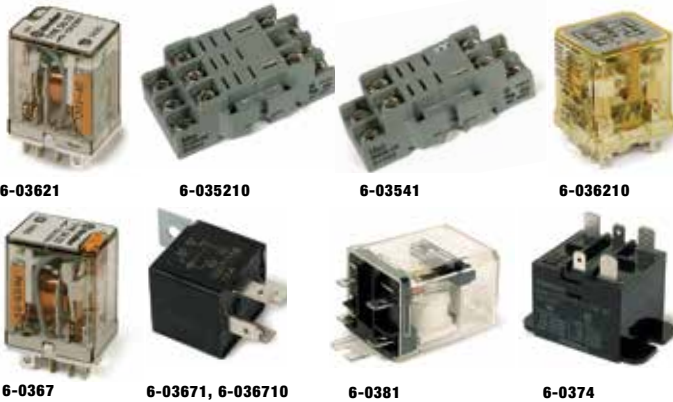
8.751-915.0



8.751-910

Part #	Old No.	Model No.	Description
9.803-666.0	6-2004	CH C320KGS3	Contact Block, N/O, N/C
8.751-912.0		M22-K01	Contact Block, N/C
8.751-913.0		M22-K01	Contact Block, N/O
8.751-916.0		M22S-D-G	Switch, Green Push Button
8.751-915.0		M22S-DH-R	Switch, Red Push Button
8.751-910.0		M22S-WKV	Switch, 2-position Lever
8.751-914.0		M22S-LOK3	Switch, Selector

Relays



Part #	Old No.	Description
6-03621	6-03621	120V, RH2B-UI-AC120 for Pressure Washers
8.716-209.0	6-03521	240V, RH2B-UI-AC240
9.802-466.0	6-035210	Socket, SH3B05*IDEC for Auto Start
9.802-467.0	6-03541	Base, SH2B-05 for IDEC
9.802-469.0	6-036210	Latch 2, RH2LBUAC120*IDEC Auto Start
8.716-230.0	6-0367	24V, IDEC CLP
8.716-264.0	6-0381	Power Deltrol, 120V for SJ-5
8.716-257.0	6-0374	Relay, Power Omron G4B112T1FDCUSRAC120 for Delta/Alpha
9.802-470.0	6-03671	P&B/VF4-41F11, 12VDC, 40 Amp for 12VDC Units 13 HP & Below
9.802-471.0	6-036711	Relay, P&B, 24V/40 A for 12 VDC Units over 13 HP

Step-Down Transformers



- Industrial duty
- High-quality Cutler Hammer
- Drops primary voltage to selected secondary voltage

Part #	Old No.	Primary Voltage	Secondary Voltage	Size
8.716-593.0	6-05234	600V	120-240V	1.0KvA
8.716-899.0	6-6031	380/400/415	110/220V	.750KvA
9.802-553.0	6-60121	120/240V	24V	.050KvA
8.716-904.0	6-6035	120/240V	24V	.100KvA
8.716-883.0	6-60161	208/230/460V	24/115V	.050KvA
9.804-556.0	6-60141	208/277V	120V	.050KvA
8.716-882.0	6-60151	208/277V	120V	.075KvA
9.803-971.0	6-6025	380V	24V	.050KvA
8.716-875.0	6-60051	240/480V	120/240V	.200KvA
9.802-550.0	6-60021	240/480V	120/240V	.500KvA
9.802-552.0	6-60111	240/480V	120V	.075KvA
9.802-551.0	6-60101	240/480V	120V	.050KvA
9.803-668.0	6-60131	550V/575/600V	115V	.050KvA

Junction Boxes



Part #	Old No.	Description
9.802-474.0	6-0390	NG/LPG Remote, Plastic
8.716-269.0	6-03901	12" x 12" x 4", Metal NG/LPG Remote Box
8.716-271.0	6-03904	Fiberglass, NEMA4
8.716-272.0	6-03906	12" x 10" x 5.25" for Solid Sep
9.802-475.0	6-03907	8" x 8" x 4", for HD 2.8/10 St
9.802-476.0	6-03909	10" x 8" x 6", Box, Plastic with Lid for HD Cabinet
9.802-477.0	6-03910	Box, Plastic without Lid E9801
9.802-478.0	6-03911	Lid, Plastic for 9.802-478.0
8.716-280.0	6-03912	18" x 16" x 9.25", Plastic
8.716-281.0	6-03913	14" x 16" x 6.75", Plastic
8.716-320.0	6-0409	Cover, Duplex Receptacle
8.716-321.0	6-0410	2" x 4", 3-hole, 1/2" WB
8.716-322.0	6-04101	2" x 4", Extension for 6-0410, 04102, 04103
8.716-323.0	6-04102	2" x 4", 5-hole, 1/2"
8.716-324.0	6-04103	2" x 4", 4-hole, 1/2"
8.716-326.0	6-04104	4" x 4", 3-hole, SK Series
8.716-327.0	6-041041	4" x 4", 5-hole, 1/2"
8.716-329.0	6-041043	4" x 4" SK, Cover Plate, for 6-00041
9.802-483.0	6-0411	2" x 4", Cover Plate
9.802-484.0	6-04110	2" x 4", Junction 3-hole, 3/4"
8.716-339.0	6-041100	2" x 4", 3-hole, 1"

Enclosure Box for Magnetic Motor Starter Sets



- NEMA 6S non-metallic enclosure dimensions: 4-1/3" W, 4" D x 6" H
- 8 (1/2"-3/4") wiring knockouts on box
- Holes pre-drilled for mounting contactor and overloads with mounting screws included

Part #	Old No.	Description
8.902-525.0	260268X	Box, Toggle & Hardware

Manual Motor Starter w/ Sealed Box



- 25 amp with adjustable overload
- Adjustment range 20-25 amps
- Sealed box 3-1/4"W x 3-1/2"D x 6-1/2"H
- 110-500 volt IEC rated
- 2 cord grips fit 1/2" threaded knockouts
- Protective cover over buttons
- Single & 3-phase wiring instructions

Part #	Old No.	Description
8.709-709.0	337212	Motor Starter

RainTite Switch Box



- UL 728A
- 2-3/4" x 5-1/2" x 2" box
- Three 1/2" tapped holes
- Box includes 2 plugs, ground screw & mounting lugs
- Cover includes gasket

Part #	Old No.	Description
8.709-702.0	337203	RainTite Switch Box
8.709-703.0	337204	Switch Box Cover

Timers



6-03700



6-036880

- Preset and adjustable available
- Heavy-duty

Part #	Old No.	Description
9.802-473.0	6-03700	Multi-function, 24V-120/240V, Time Delay
9.802-472.0	6-036880	Solid State, 120V, 5-60 Min for Auto Start

Fuses

- Full range of fuses
- Protect your equipment



Part #	Old No.	Code	Max Voltage	Amps
9.802-463.0	6-022970	FNM1/2	250V	0.5
9.802-464.0	6-0229810	FNM8/10	250V	0.8
8.716-173.0	6-0229710	FNM1	250V	1.0
9.803-977.0	6-02320	FNM2-1/2	250V	2.5
8.716-187.0	6-023080	FNM3	250V	3.0
9.803-664.0	6-023090	FNM5	250V	5.0
8.716-194.0	6-02321	FNM7	250V	7.0
9.802-460.0	6-022910	FNM8	250V	8.0
8.716-165.0	6-022920	FNM10	250V	10.0



8.716-191.0	6-02311	FNQ3/10	500V	0.3
8.716-192.0	6-02312	FNQ6/10	500V	0.6
9.802-465.0	6-02306	FNQ-R-3	600V	3.0



8.716-169.0	6-02296	KTK-R1/4	600V	0.25
9.802-462.0	6-02295	KTK-R1/2	480V	0.5
8.933-007.0	6-02294	KTK-R1	240V	1.0
8.716-177.0	6-022982	KTK-R1-1/2	600V	1.5
9.803-663.0	6-02299	KTK-R2	120V	2.0
8.716-179.0	6-022990	KTK-R2-1/2	600V	2.5
8.716-180.0	6-022992	KTK-R4	600V	4.0
9.804-050.0	6-02307	KTK-R5	600V	5.0
8.716-183.0	6-02304	KTK-R30	600V	30.0



8.716-170.0	6-02297	MDL1/2	120V	0.5
8.716-175.0	6-022981	MDL3/4	250V	0.75
8.716-172.0	6-022971	MDL1	250V	1.0
8.716-174.0	6-02298	MDL2-1/2	24V	2.5
8.716-186.0	6-02308	MDL3	250V	3.0
8.716-188.0	6-02309	MDL5	250V	5.0
8.716-161.0	6-02291	MDL7-1/2	250V	7.5
8.716-163.0	6-022911	MDL8	250V	8.0

Circuit Breakers



6-04121

- Provides protection against excessive amp draw

Part #	Old No.	Description
9.802-485.0	6-041250	25 Amp (All 12V Systems)

On/Off Cam Switch



- Legend plate: on/off
- Tear drop-shaped knob
- Face plate 2-1/2" square
- Motor ratings:
410202 – 1-1/2 HP/ 110V
410204 – 6 HP/ 240V

Part #	Old No.	Description
8.712-213.0	410202	20 Amp/ 110 Volt
8.712-215.0	410204	28 Amp/ 240 Volt

Rocker Switches



- On/off switch
- Lighted available
- 125/250V

Part #	Old No.	Description	AMP	Voltage
8.802-453.0	6-020251	Curvette, V. Carling	16/10	125/250
8.716-051.0	6-020252	Curvette, 2-pos	20/15	125/250
8.716-052.0	6-020253	Curvette, 3-pos	16/10	125/250
9.802-451.0	6-020240	Carling, Green Lght, 2-pos	15/10	125/250
9.802-452.0	6-020241	Carling, Red Lght, 3-pos	15/10	125/250
8.716-037.0		Rocker	15/10	125/250

Indicator Lights



- Easily mounts to control panel
- Available in 12V, 24V, and 125V
- Great for remote applications

Part #	Old No.	Voltage	Color
8.716-095.0	6-02053	125V	Red
9.802-455.0	6-020530	125V	Green
8.716-408.0	6-050413	125V	Amber
9.803-651.0	6-0399	24V	Red
9.803-652.0	6-03990	24V	Green
8.716-097.0	6-02059	12V	Red
9.802-456.0	6-020590	12V	Green

Digital Monitor

Provides accurate testing and monitoring of electrical outlets and systems.



- Constantly monitors voltage and frequency indicated potential improper polarity and ground wiring
- Accurate testing and monitoring of all AC power sources
- RMS voltage and frequency meter
- Multi-tone fault alarm
- Hands-free auto reset
- Advanced microelectronics
- One button operation

Part #	Description

Voltage Regulator



- Designed specifically for Kärcher for use on 12VDC burner systems.

Part #	Old No.	Description
9.802-531.0	6-0615	25 Amp, 15 Volt

Winco AC Generator



- Industrial-duty – 3 carbon brushes
- The standard in the pressure washing industry: Winco 2FSM2PC-1
- Starts & runs 1/2 HP motor
- 5/8" diameter shaft rotates either direction
- Extra slip ring for smoother power curve during motor starting
- Dual sealed permanent bearings
- 15" L x 6.5" W x 6.75" H
- 59 lbs weight

Part #	Old No.	Description
8.716-610.0	337440	Winco AC Generator

- Genuine Winco parts
- Save downtime—we stock below items & more!

Part #	Old No.	Description	No. Req'd
Winco Repair Parts			
8.700-603.0	078451	Bearings	2
8.716-615.0	078452	Brushes	3
8.700-607.0	078455	Rectifier	1
8.700-609.0	078457	Receptacle	2
8.700-611.0	078459	Fan	1

Voltmaster Generators by Wanco

Up to 4000 watt @ 3,600 RPM.



- Industrial-type watertight enclosure (11-5/8" x 7-1/2" diameter)
- Brushless design
- All copper windings – high surge capacity
- Circuit breaker protection (standard)
- Shaft rotates either direction
- 7/8" shaft, 2 sealed (ball) bearings
- Adapter plate for replacement of Winco model 2FS2PC-1 available

Part #	Old No.	Description
8.709-810.0	337441	2500 Watt Generator, 21.6 Amps
8.903-806.0	337443	Adapter Plate & Fasteners
8.751-069.0		4000 Watt Generator, 33.3 Amps

Magnetic Motor Starters

For pressure washer and carwash applications.



Contactor



Overload



Coil

- 24VAC Control
- 1Ø - 240V, 3Ø - 240V or 480V Contactor
- Componentized for flexibility
- Thermal overloads adjustable within range shown
- Electrical life: 1,000,000+ cycles
- Mechanical life: 20,000,000+ cycles
- Contacts: 90% silver, 10% cad-oxide

Type	24V Coil Part No.	24V Coil Orig. No.	120V Coil Part No.	120V Coil Orig. No.	220V Coil Part No.	220V Coil Orig. No.	FL Amp	220V 1Ø HP	220V 3Ø HP	440V 3Ø HP
Contactors										
								UL Rating		
A	8.708-753.0	260265	8.902-527.0	260290	8.902-532.0	260295	22	2	3	5
B	8.708-754.0	260266	8.902-528.0	260291	8.902-533.0	260296	24	2	5	7.5
C	8.902-523.0	260267	8.902-529.0	260292	8.902-534.0	260297	32	3	5	10
D	8.902-524.0	260268	8.902-530.0	260293	8.902-535.0	260298	40	5	7.5	15
E	8.902-526.0	260269	8.902-531.0	260294	8.902-536.0	260299	52	7.5	10	20
F	8.708-790.0	260351	8.708-791.0	260352	8.708-792.0	260353	90	10	15	30

Part No.	Original No.	Voltage	Fits Contactor
Coils Only			
8.708-764.0	260274	24V	A,B,C,D
8.708-762.0	260272	120V	A,B,C,D
8.708-763.0	260273	220V	A,B,C,D
8.708-765.0	260275	480V	A,B,C,D
8.708-766.0	260277	120V	E
8.708-767.0	260278	220V	E

Part No.	Original No.	Type	Amp Range	Fits Contactor
Thermal Overloads				
8.708-749.0	260253	Man	9.0-15	A,B,C,D
8.708-758.0	260270	Man	14-23	A,B,C,D
8.708-760.0	260271	Man	17-26	A,B,C,D
8.708-742.0	260247	Man	20-33	C,D
8.708-744.0	260248	Man	28-42	C,D
8.708-746.0	260249	Man	35-50	E,F
8.708-802.0	260433AUTO	Auto	2.0-3.3	A,B,C,D
8.708-803.0	260437AUTO	Auto	4.5-7.5	A,B,C,D
8.708-804.0	260440AUTO	Auto	6.0-10	A,B,C,D
8.708-750.0	260253AUTO	Auto	9.0-15	A,B,C,D
8.708-759.0	260270AUTO	Auto	14-23	A,B,C,D
8.708-761.0	260271AUTO	Auto	17-26	A,B,C,D
8.708-743.0	260247AUTO	Auto	20-33	C,D
8.708-745.0	260248AUTO	Auto	28-42	C,D
8.708-747.0	260249AUTO	Auto	35-50	F

- Used to mount Overload to Motor Starter Contactors

Part No.	Original No.	Description
Thermal Overload Connector Kits		
8.708-768.0	260281	A,B,C,D
8.708-770.0	260284	E
8.708-789.0	260349	F

Enclosure Box for Magnetic Motor Starter Sets



- NEMA 65 non-metallic enclosure Dim: 4-1/3" W, 4" D x 6" H
- 8 (1/2"-3/4") wiring knockouts on box
- Holes pre-drilled for mounting contactor and overloads with mounting screws included

Part No.	Original No.	Description
8.902-525.0	260268X	Box, Toggle & Hardware

30 AMP Toggle Switch



- 30 Amp 600 Volt - DPST
- With or without box
- Rated for:
2 HP motor @ 115V
3 HP Motor @ 230V

Part No.	Orig. No.	Description
8.709-696.0	337187	Switch only
8.903-802.0	337188	Switch & Rain Tight Box
8.709-708.0	337210*	Switch w/ NEMA 1 Box

*Not Rain Tight (Baldor Replacement)

Manual Motor Starter w/ Sealed Box



- 25 Amp with adjustable overload
- Adjustment range 20-25 Amps
- Sealed box 3-1/4"W x 3-1/2"D x 6-1/2"H
- 110-500 Volt IEC rated
- 2 cord grips fit 1/2" threaded knockouts
- Protective cover over buttons
- Single & 3-phase wiring instructions

Part No.	Original No.	Description
8.709-709.0	337212	Motor Starter

Machine Control Cam Switches - 3 Position



- Heavy-duty rotary cam switches
- Legend plate reads Off/Pump/Burner
- Quick Make/Break action reduces arcing
- Wiring boot included (except 410242-3)
- Legend plate 2-1/2" square
- Four-screw mounting

Part No.	Original No.	Model	AMP Rating	Voltage	Phase
8.712-219.0*	410210	N25US1A1686-00	20	110V	1Ø
8.712-224.0*	410221	N25US1A1687-00	20	220V	1Ø
8.712-225.0*	410223	N25US1A1686-00	20	220V	3Ø
8.712-227.0*	410231	N32US1A1686-00	30	110V	1Ø
8.712-228.0*	410232	N32US1A1687-00	30	220V	1Ø
8.712-229.0*	410233	N32US1A1688-00	30	220V	3Ø
8.712-234.0	410242	N63US1A4095-00	40	240V	1Ø
8.712-235.0	410243	N63US1A4027-00	40	480V	3Ø

Single Hole Mounting - requires 1 22mm (7/8" Dia) hole

8.712-218.0 410208 N25US1A1789-00 20 110V 1Ø

Replacement Knob - fits those part numbers above marked with an asterisk ()

8.700-258.0 075052 Replacement Knob

"Big Boot" Cam Switch - 3 Position



Large rectangular boot for easier wiring.

- Mounting configuration and electrical ratings same as "S" switches above

Part No.	Original No.	Model	AMP Rating	Voltage	Phase
8.712-238.0	410260	T225-1686	30	110V	1Ø
8.712-241.0	410265	T225-1688	30	240V	3Ø

Single Hole Mounting - requires 1 22mm (7/8" Dia) hole

8.712-223.0 410219 220-1843 20 220V 1Ø

On / Off Cam Switch



- Legend plate: On/Off
- Tear drop-shaped knob
- Face plate 2-1/2" square
- Motor Ratings:
410202 - 1-1/2 HP/ 110V
410204 - 6 HP/ 240V

Part No.	Original No.	Description
8.712-213.0	410202	20 Amp/ 110 Volt
8.712-215.0	410204	28 Amp/ 240 Volt



6-020201

- Single or three phase
- 2 position or 3 position
- Heavy-duty

Part #	Old No.	Description
9.802-449.0	6-020201	115-230V, 1PH 3-position
8.716-027.0	6-020203	230/460V, 3PH 3-position
9.802-450.0	6-020204	120-600V, 1-3PH 2-position

Universal "Elektra"

UL/CSA Rated Machine control cam switches



8.712-236.0



8.712-237.0



8.712-240.0

- Position - "Off" - "Pump Burner"
- Quick make/break action - reduces arcing
- 2 or 4 screw mount (2-1/2" square legend plate)
- (Matches: Salzer/Kraus -Naimer/ Bremas & Klockner - Moeller mounts)
- "Boot" has plenty of wiring room
- Screw to screw/terminal to terminal replacement for salzer "S" & "J" type switches above
- "Tite Boot" excellent dust & moisture seal
- Contacts UL/CSA Rated: 25 Amp vs 20 Amp, 35 Amp vs 30 Amp, 50 Amp vs 40 Amp

Part No.	Orig. No.	AMP Rating	Wiring Poles	Phase	Voltage	HP Rating
8.712-236.0	410251	25	1	1	120	1.5
8.712-237.0	410253	25	2	1	120/240	1.5/2.0
8.712-240.0	410263	35	2	1	120/240	2/3
8.712-242.0	410267	50	2	1	120/240	3/7.5

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.



"Elektra" On - Off Switch with box UL/CSA Rated 25 & 35 Amp. Compact 3-1/4" Square x 3-3/4" Deep Enclosure "Versatile Mount".

Part No.	Orig. No.	AMP Rating	Wiring Poles	Phase	Voltage	HP Rating
8.712-214.0	410203	25A	2	1	120/240	1.5/2
8.712-216.0	410205	35	2	1	120/240	2/3

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.

60 AMP On / Off Cam Switch & Box

Cam Action Fast "Make-Break" to reduce arcing.



- 60 Amp disconnect rating
- Four 1/2" knock-outs
- Versatile mounting
- Motor Ratings:
7.5 HP @ 240vt 1Ø
5.0 HP @ 240vt 3Ø
30 HP @ 480vt 3Ø

Part No.	Orig. No.	Description
8.712-217.0	410206	60 Amp Switch w/ Large Box 4-1/2" w x 7" H x 3-3/4" D
8.712-211.0	410190	60 Amp Switch only No Knob
8.712-212.0	410192	Box only 3-7/8" x 4-7/8" x 2-3/4" for 410190 switch using 10 gage/smaller wire
8.700-489.0	076521	Knob

NOTE: Switch does not have thermal overload protection

Adjustable Thermostat Switches for Kärcher Discharge Manifold



- For use with Kärcher discharge manifold
- Capillary tube provides fast response time
- Prevents burner from overheating
- Two models adjustable to 240°F or 302°F

Part #	Description
8.750-094.0	150°C/302°F, 2 meter capillary
8.750-095.0	120°C/240°F, 2 meter capillary

Adjustable Thermostat Switches



- Capillary tube provides fast response time
- Prevents burner from overheating
- Adjustable to 300°F

Part #	Old No.	Description
9.802-285.0	4-05088	300°
8.712-186.0	4-05090	175°

Adjustable Thermostat



With panel-mount controls.



- 4,000 PSI
- 302°F
- 3 1/2" immersion bulb w/ 60" capillary tube
- Accuracy \pm 2.5%
- Temperature change response within \pm 6°F
- 16 amp - 250 volt
- Large easy read dial
- Seal, nut & 1/2" transition coupling included

Part #	Old No.	Description	List Price
8.712-494.0	430050	0-194°F Thermostat	\$53.76
8.712-497.0	430058	0-248°F Thermostat	\$50.92
8.904-557.0	430060	0-302°F Thermostat	\$51.29
8.750-096.0		Knob 150°C/302°F	\$1.44

Adjustable Flow-Thru Thermostat



8.700-501.0



8.914-555.0

- Stainless steel case
- Silver contacts
- Ceramic insulation
- Stop collar
- Tension adjusting screw
- 3,000 PSI
- 10 amps - 110 volts
- 5 amps - 220 volts
- Adjustable 85° - 195°
- 1/2" inlet, 3/8" outlet
- Fenwall inside

Part #	Old No.	Description
8.904-555.0	430027	Thermostat
8.700-501.0	076731	Switch Only

Brass In-line Thermostat

In-line controls for pressure washers and steamers.



- Positive bimetal temperature control
- 1/2" inlet/outlet FPT ports
- 3,000 PSI max working pressure
- Universal 1/4" spade terminal connection

Part #	Old No.	Description
8.712-492.0	430025	60-230°F
8.712-493.0	430035	60-340°F

Cord Caps/Plugs



8.709-653.0 8.709-655.0 8.709-656.0 8.709-659.0

- Industrial-quality
- Dead front cord caps – nylon body straight plugs & "auto-clamp" for cord
- 337013 angle plug has vinyl body and both 30A & 50A neutral leg

Part #	Old No.	Description
8.709-653.0	337000	15A/120V, Black Nylon
8.709-655.0	337004	20A/120V, Black Nylon
8.709-656.0	337006	20A/250V, Black Nylon
8.709-659.0	337013	30A-50A/250V, Black Vinyl

Vinyl Electrical Tape



- Premium grade - 7 mil
- UL approved
- 3/4" x 60'

Part #	Old No.	Description
8.704-706.0	118910	Roll 3/4" x 60'

Romex Connectors (Metal)



Part #	Old No.	Description
8.709-663.0	337020	1/2" Strt. Connector
8.709-664.0	337021	3/4" Strt. Connector
8.709-660.0	337017	1/2" Lock Nut Only
8.709-661.0	337018	3/4" Lock Nut Only

Liquid-Tight Strain Relief Connector for Cable, Wire & Tubing

Keep water-tight NEMA-4 & 4x enclosures water-tight with these unique fittings.



DOME NUT WITH INSIDE TAPER As the dome nut is tightened, the seal ring grips, holding the cable wire or tubing positively in place.

LEAD SCREW THREAD The dome nut can be firmly tightened due to the high strength lead screw thread.

Part #	Type	Thread	Cord Size	Cord OD	Length
8.709-687.0	Dome	1/2" NPT	14/3-12/3	.230"-.470"	1.8"
8.709-688.0	Dome	3/4" NPT	14/3-12/3	.350"-.630"	2.0"
8.709-689.0	Dome	3/4" NPT	12/3-10/4	.510"-.710"	2.0"

PLASTIC JAM NUTS

Part #	Thread	List Price
9.802-525.0	1/2" NPT	\$0.85
9.802-526.0	3/4" NPT	\$1.22



CLAMPING SPLINES Various sizes and odd-shaped cables, wires and tubing can be accommodated due to overlapping diagonally split clamping splines.

Part #	Type	Thread	Cord Size	Cord OD	Length	List Price
8.709-690.0	Flex	1/2" NPT	14/3-12/3	.230"-.470"	4.3"	\$6.19
8.709-692.0	Flex	3/4" NPT	12/3-10/4	.51"-.71"	5.2"	\$13.70

CONDUIT

Part #	Description	List Price
9.802-448.0	Watertight Flex 1/2" x 100' Box	\$2.06

Wire Loom - for wiring harnesses



- Protects wires from abrasion and crushing
- Controls bundles of wires and allows for multiple exits at wiring points
- "Factory perfect" look for all machines

Part #	Old No.	Description
8.709-679.0	337120	1/4" ID 100' Roll
8.709-680.0	337121	3/8" ID 100' Roll
8.709-681.0	337122	1/2" ID 100' Roll
8.709-682.0	337123	5/8" ID 100' Roll

GFCI Module 20 Amp - 120V or 240V

Not recommended for field service.



- Using 120V or 240V shop attachable module; attach your power cord length as required
- Use with 16-12 gauge SJ, SJO or SJT 3-wire cords
- 20 amp rating at 120V or 240V 60 Hz

Part #	Old No.	Description
8.709-858.0	337642	GFCI Module 1PH
8.709-859.0	337643	GFCI Module 3PH (not pictured)

Ground Fault Circuit Interrupters (GFCI)

GFCI's protect people and equipment by interrupting potentially lethal ground circuits exceeding 6mA. The dangers of electrical shocks have been long known - GFCI's are the only real way to be safe. Most city and county codes now require GFCI protection on power cleaning equipment.



- U.L. listed
- Three wire circuits
- Transient voltage protection
- 4 - 6mA ground fault protection
- Grounded neutral protection
- Mechanical trip indicator
- Compact size
- Rugged construction
- Radio frequency interference suppression

Part #	Old No.	Volt	Amp	Length	Plug Included
8.709-850.0	337626	120V	15A	12 ft	yes
9.802-432.0		120V	15A	36 ft	yes
8.709-842.0	337607	120V	20A	12 ft	no
8.903-807.0	337608	120V	20A	12 ft	yes
8.709-843.0	337609	120V	20A	35 ft	yes
9.802-431.0		120V	20A	36 ft	yes
9.802-433.0	6-010631	240V	20A	36 ft	yes
8.709-860.0	337645	240V	30A	6 ft	no
8.709-853.0	337632	240V	30A	6 ft	yes
8.709-861.0	337647	240V	30A	12 ft	no
8.709-854.0	337634	240V	30A	12 ft	yes
8.709-862.0	337649	240V	30A	35 ft	yes
8.709-855.0	337635	240V	30A	35 ft	yes
9.802-430.0		240V	30A	36 ft	yes
9.802-434.0		240V	40A	36 ft	yes

GFCI Plug without Cord

8.709-847.0	337615	120V	15A	N/A	yes
8.709-846.0	337614	120V	20A	N/A	yes

NOTE: User-attached plug also includes the sealant necessary to attach the power cord per UL Specification.

CHASSIS COMPONENTS

NG/LPG Float Tank



- 3.5 gallon capacity
- 22" x 13-1/2" x 5"
- Heavy 3/16" durable plastic
- Convenient mounting tabs
- Complete assemblies available, call with model number

Part #	Old No.	Description
9.802-084.0	2-01164	Universal Plastic Float Tank
8.912-233.0	95-07121207	Lid & Hinges for 9.802-084.0

Molded Plastic Float Tanks



- Molded polypropylene
- 2 or 2-1/2 Gallon Capacity
- Easy to Mount

Part No.	Description
9.804-042.0	Float Tank, 2-1/2 Gallons 15.65" X 6.6" X 10.5"
8.706-645.0	Float Tank, 2 Gallons, 12" X 5" X 10.5"
9.802-087.0	Float Tank Lid for 8.706-645.0

Stainless Steel Float Tank



- Fully welded and water tight
- 2.8 gallon capacity
- 12" x 9" x 6"
- 16 gauge #303 stainless steel
- 1/2" full coupling (SS) inlet/outlet
- Convenient mounting tabs

Part No.	Original No.	Description
8.710-029.0	343006	Stainless Steel Float Tank
8.710-034.0	343016	Stainless Steel Lid

9 Gallon Diesel Fuel Tank



- Strap or Bolt mount (4/5/16" inserts in bottom)
- Metal inset 3/8" inlet/return lines
- Black - Crosslinked PE
- Vented fuel cap
- Filler neck doesn't extend beyond tank wall
- Compact Size: 19-3/4" L x 12" W x 10-1/2" H

Part No.	Original No.	Description
8.710-142.0	344735	9 Gallon Fuel Tank - Plastic

NOTE: Includes fuel cap
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Kärcher Fuel Tanks



- Rugged fill neck cap with vent

9.803-533.0

9.803-534.0

Part #	Description
9.802-079.0	Fuel Tank, 5 Gallon Black
9.802-081.0	Fuel Tank, 6 Gallon Black
8.706-615.0	Fuel Tank, 8 Gallon Black
9.802-089.0	Fuel Tank, 9 Gallon Black
9.803-534.0	Fuel Tank, 11 Gallon Red
9.803-533.0	Fuel Tank, 11 Gallon Black

Fuel Tanks

- EPA/CARB compliant
- Seamless one-piece construction of marine grade, UV-protected polyethylene
- Built-in reserve (When gauge reads Empty, tilt to access additional fuel!)
- 2-Stage click when closed fuel cap
- 90° fuel withdrawal fitting
- Easy-to-read sight gauge
- 4 shapes & capacities from which to choose



8.751-230.0



8.751-294.0

Part No.	Gallons	Height	Length	Width
8.751-294.0	6.0	10.0"	21.18"	13.5"
8.751-295.0	7.5	11.10"	20.0"	14.25"
8.751-296.0	12.0	14-3/4"	20-3/8"	13-3/4"
8.751-293.0	12.0	11.0"	24-1/4"	18.0"

Hand Tote II



- Strong 1" square steel tubing
- Rubber mounting feet for stability
- Compact size – 12" W x 19" H x 17" D
- Durable gloss black polyurethane finish

Electric: 1.5 HP - 5.0 HP
56C Motor

Gas Eng:
4.0 HP - 6.5 HP Honda
3.0 HP - 6.0 HP B&S /
B&S Vanguard engines

Part No.	Original No.	Description
8.905-567.0	565230X	Hand Tote II

Kärcher Fuel Caps



Part #	Description
9.802-089.0	Cap, Fuel Tank, Plastic
9.803-536.0	Cap, 14" w/Fuel Gauge, Red
9.803-535.0	Cap, 14" w/Fuel Gauge, Black

Fuel Caps



- For gas or diesel fuel tanks
- Fits standard 2-1/4" fuel necks

Part No.	Original No.	Description
8.710-137.0	344725	Fuel Cap
8.701-700.0	091520	Fuel Cap with Gauge 10"

Plastic Dip Tube Assembly



- New style plastic dip tubes
- Rubber bushing seal ordered separately

Part #	Description
9.803-531.0	Diptube, Plastic, 10" HDS Classic Skid
9.802-053.0	Rubber Bushing

Battery Boxes with Cover, Marine Style

Protect batteries on pressure washers, boats or other industrial equipment.



- Attractive molded polypropylene
- Complete with hold-down cleats and strap for cover

Small:
L: 8-1/2" W: 6" H: 8-1/2"
Large: L: 11-1/4"
W: 7-3/4" H: 10-3/4"

Part No.	Original No.	Description
9.802-090.0	306625	Small Box
9.802-075.0	306627	Large Box

Complete Wheels



- High-quality pneumatic, and semi pneumatic
- Fits 5/8" shaft

Part #	Old No.	Description
8.711-901.0	4-0304	10" Mag
9.802-270.0	4-0303	10" Steel Rim w/ Tube
9.802-271.0	4-0307	13" Steel Rim
8.712-762.0	480115	10" White steel rim, 3/4" Hub Tubeless
8.711-921.0		6" Tube Only
8.712-767.0		10" Tube Only
9.802-274.0		10" x 2-3/4" Hard Rubber Wheel
8.711-908.0		3" Gray Caster Wheel
9.189-007.0		10" Steel Rim, 3.5" pneumatic
9.189-011.0		12" Black Rim, 3.5" pneumatic
8.711-898.0		10" Flat Free
8.711-905.0		13" Flat Free



Interchangeable Bearings

Part #	Old No.	Description
8.700-484.0	076504	5/8" Bore Bearing
8.700-486.0	076505	3/4" Bore Bearing
8.700-485.0	076504P	5/8" Nylon Bearing

Hub Caps & Collars

Part #	Old No.	Description
8.700-183.0	071625	3/4" Hub cap
8.700-184.0	071627	5/8" Hub cap
9.802-782.0		5/8" Bore Shaft Collar

Miscellaneous Parts

Part #	Description
8.719-064.0	Chassis Knob 5/16" Thread, Black
9.802-066.0	Soft Rubber Foot Pad, 50 DURO
9.803-308.0	Vibration Isolator, 5/16", 70 DURO
8.932-992.0	Vibration Isolator, 3/8", 70 DURO
9.802-060.0	Vibration Isolator, 5/16", Double-stud
9.802-057.0	Vibration Isolator, 5/16", 100 DURO

Legacy Undercarriage Cleaner

Legacy is proud to offer the Undercarriage Cleaner, an ideal way to clean under vehicles and heavy equipment.

- No more crawling under a vehicle
- Simply connect to your hot or cold water pressure washer
- Easy to handle & maneuver
- Removes road grime, fuel & oil contaminants
- Removes snow sludge & ice
- Provides a clean working environment for technicians
- Stainless steel rotating assembly built to withstand pressures up to 4000 PSI and 250°F
- 5.5" Required Clearance
- 4 Nozzles: (2) 0° #2.0, (2) 25° #2.0



Chosen by readers as one of the **Top 10 Tools for 2008** Undercar Digest magazine



Part No.	Description
8.749-303.0	Undercarriage Cleaner

Cyclone Rotary Surface Cleaner



new swivel

The "Cyclone" rotary surface cleaner can be used with most hot and cold water washers. It reduces overspray and zebra striping. Great for warehouse floors, sidewalks, pool decks, parking lots, etc.

- 4-8 GPM
- 1000 - 4000 PSI
- 200°F
- Polyethylene housing
- Collapsible handle
- Pneumatic tires
- 20" diameter surface cleaning
- Up to 8 gpm
- Weight: 35 lbs

Part No.	Original No.	Description
8.903-608.0	30-587	"Cyclone" Surface Cleaner
8.751-358.0		Replacement Swivel
8.751-886.0		Complete Swivel Rebuild Kit
8.751-361.0		Swivel Rebuild Kit, Swivel Inlet

Whisper Wash Flat Surface Cleaners

- Saves labor, fuel & water
- Eliminates overspray and zebra striping
- Use with conventional pressure washers
- Use with cold or hot water
- Balanced spray bar
- Quick connection
- 2,000 to 4,000 PSI
- 2500 RPM

Applications:

- Service Stations
- Pool & Patio Decks
- Warehouse Floors
- Loading Docks
- Parking Lots
- Marina Docks
- Public Facilities
- Restaurants
- Gondolas
- Stadiums
- Driveways
- Sidewalks
- School Yards
- And lots more!!



The "Maxima 36"

- Portable Breakaway Handle
- 212°F
- 4-10 GPM
- 2500 RPM
- Dimensions:
Cover: 36"
Handle: 77"
- Weight 37 lbs

Part No.	Original No.	Description
8.710-089.0	343636	Maxima 36
8.701-884.0		Swivel Complete
8.701-879.0		Repair Kit

Ground Force

- Flip and fold handle
- Choice of 2 or 4 nozzles
- Rebuildable swivel
- 212°F
- 4-10 GPM
- Dimensions: 24" x 60" x 9"
- Weight 29 lbs



Part No.	Original No.	Description
8.710-076.0	343608	Ground Force
8.701-884.0		Swivel Complete
8.701-879.0		Repair Kit

Whisper Wash Flat Surface Cleaners

- continued

The "Big Guy"

- Powder coated aluminum housing
- Oversized, self-lubricating twin thrust bearings
- Choice of 2 or 4 nozzles
- 10" pneumatic tires, 4" caster
- Crafted with durable stainless steel & aircraft aluminum
- 212°F
- 4-10 GPM
- Dimensions: 28" x 44" x 12"
- Weight 48 lbs



Part No.	Original No.	Description
8.710-074.0	343606	Whisper Wash Big Guy 2 Nozzles
8.710-075.0	343607	Whisper Wash Big Guy 4 Nozzles
8.750-604.0	092110	Swivel, Complete Big Guy & Classic
8.701-879.0	092105	Repair Kit, Seal, Big Guy & Classic
8.701-874.0	092101	Spraybar, 4 Nozzle, Big Guy
8.701-876.0	092102	Spraybar, 2 Nozzle, Big Guy

The Classic

- Portable breakaway handle
- ABS Housing
- 2" nylon brush
- 212°F
- 4-10 GPM
- Dimensions: 19" x 77" x 12"
- Weight 28 lbs



Part No.	Original No.	Description
8.710-073.0	343605	Whisper Wash Classic
8.750-604.0	092110	Swivel, Complete Big Guy & Classic
8.701-879.0	092105	Repair Kit, Seal, Big Guy & Classic

The Ultra Clean WW

- ABS Housing
- Four 3" casters
- Powder coated handle
- 185°F
- 3-6 GPM
- 2500 RPM
- Dimensions: 19" x 43" x 9"
- Weight 23 lbs



Part No.	Original No.	Description
8.710-072.0	343604	Whisper Wash Ultra Clean WW
8.701-883.0		Swivel Complete, Ultra Clean
8.701-882.0		Swivel Repair Kit

PRESSURE WASHER ACCESSORIES

Whisper Wash Flat Surface Cleaners

- continued



The Ultra Clean HC

- ABS Housing
- 2" nylon brush
- Powder coated handle
- 185°F
- 3-6 GPM
- Dimensions: 16" x 43" x 9"
- Weight 19 lbs

Part No.	Original No.	Description
8.710-071.0	343603	Whisper Wash Ultra Clean HC

Repair Kits

Part No.	Original No.	Description
8.701-879.0	092105	Seal Kit; Classic, Big Guy & Ground Force
8.701-882.0	092108	Seal Kit; Ultra Clean
8.701-883.0	092109	Complete Swivel Kit; Ultra Clean
8.750-604.0	092110	Complete Swivel Kit; New Style Classic, Big Guy & Ground Force
8.707-653.0	251119	2.5 x 25° 1/4" nozzle fits All Models

SideWinder Surface Cleaner



- 2000-4000 psi
- 12 GPM max
- 210°F
- Heavy duty aluminum handle
- 20" deck
- 19 lbs.

2-Year Mfg. Warranty

Part No.	Original No.	Description
8.739-431.0	343690	SideWinder 105F Fixed Black

Mosmatic Gun Swivel



Mounts to your high pressure gun or lance for an easy turning, low maintenance gun swivel



- 4000 PSI
- 250°F
- 30 RPM

Part No.	Original No.	Description
8.712-467.0	421057	1/4" MPT / 1/4" FPT Gun Swivel
8.712-466.0	421056	3/8" MPT / 3/8" FPT Gun Swivel

Mosmatic Surface Cleaners & Duct Cleaner



Turbo Surface Cleaner

Delivers high-pressure performance with low maintenance for any hot or cold pressure washer. Completely stainless steel design makes this the toughest surface cleaner available in the pressure cleaning market.



- 250°F
- 4000 PSI

Swiss engineered with high RPM Swivel features reinforced self-lubricated stainless steel ball bearings and dual spring based carbide seal bushings for long-lasting operation under tuff conditions.

Ideal for Pressure Washer Contractor to clean Walls, Ceilings, Public Facilities, Tile Floors and other hard to reach areas. Uses 1/8" meg 1503 nozzles.



- 250°F
- 4000 PSI
- 2lbs
- Inlet Ports: 3/8" NPTF

Duct Cleaner

Designed as an accessory for use with high pressure pumps or pressure washers. Cleans Ducts, Chutes, Vents, Restaurant Exhausts, Tanks, etc.

Self rotating and feeding stainless steel triple bearing system for constant easy turning. Nozzle holders are 1/8" NPTF. Nozzles are sold separate.



12" Surface Cleaner

Designed for effortless cleaning of small areas including walls and angled surfaces.

High RPM swivel with integrated toggle joint and adjustable tension system.

- 250°F
- 4000 PSI
- 9lbs
- 12" SS Cover



Part No.	Original No.	Description	PSI
8.712-284.0	411171A	Turbo Cleaner - 8"	4000
8.712-285.0	411172	Toggle Joint KGK	4000
8.712-280.0	411156	Duct Cleaner TXR-2s, Adjustable	4000
8.712-279.0	411155	Duct Cleaner TXR-2s, Fixed	4000
8.749-911.0		Surface Cleaner - 12"	4000

Mosmatic Roof Cleaner



Industrial quality tool specially designed for efficient, high pressure roof cleaning while keeping the operator in a safe area.

- 21-inch
- 4000 PSI
- 250°F
- 31.9 lbs.
- Pressure gauge
- Ball valve
- Adjustable Wheels (height & width)
- Safety eye connection for rope or cable
- (2) 1/8" nozzles sold separately



Part No.	Description
8.749-910.0	Mosmatic Roof Cleaner

Mosmatic Surface Cleaners with Recovery



- Stainless Steel Housing with Adjustable Casters
- 250° F / 120° C
- 5,000 PSI / 345 BAR
- 2" Vacuum Hook-Up

Part No.	Description
8.751-299.0	Surface Cleaner, 21" With Recovery
8.751-300.0	Surface Cleaner, 21" with Gum Remover and Recovery
8.751-301.0	Gum Remover Nozzle (For Use with 8.751-300.0)
Replacement Swivel and Repair Kits	
8.712-470.0	Complete Swivel, 8.751-299.0
8.712-483.0	Swivel Repair Kit

Electric-Powered, Diesel-Heated Hot Water Heating Module



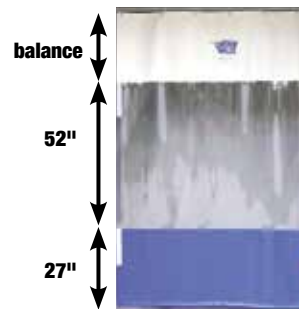
Add hot water cleaning economically! Portable water heater add-on for existing cold water pressure washers. Quick Connect to cold water washer, supply fuel and power to Euro-Heat for hot water cleaning applications - USE ONLY WHEN NEEDED and keep the convenience of the portable cold water washer.



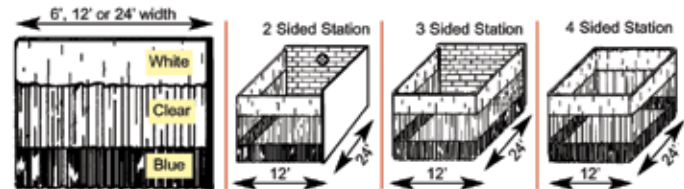
Part No.	Description
1.575-650.0	5 GPM / 3000 PSI - 120V, 1 ph

Goff's Curtain Walls

Build a Power Wash Cell to meet your needs. Goff's Curtain Walls™ increase useable floor space while controlling overspray, contaminants, climate, and noise levels. Curtain Walls™ glide easily on steel track and dual-wheeled rollerhooks. Made from a combination of 14-oz. heavy-duty, reinforced vinyl and double-polished 20-mil clear PVC material. Reinforced hems and chain-weighted lower hems add durability. Hook and loop fasteners on side hems attach to adjacent panels. Meet NFPA-701 requirements for flame retardancy. Curtains are also rot and mildew resistant. Standard model has a white vinyl top, clear PVC center, and blue vinyl bottom.



- #2 Brass tooth grommets on 1' centers
- 14 oz. reinforced vinyl white top section
- All seams double locked stitched
- Hook & Loop Fasteners allow adjacent panels to be easily attached to one another
- 20 mil. double polished clear window
- All sections joined together using mildew/rot resistant thread
- 14 oz. reinforced colored vinyl section (your choice of over 12 different colors)
- Chain weighted lower hem



Part No.	Original No.	Description	PSI
Single			
9.841-694.0	681133	6' width x 12' high	1500
8.717-007.0	681083	12' width x 8' high	1500
8.717-008.0	681084	12' width x 9' high	1500
8.739-485.0	681082	12' width x 12' high	1500
8.717-009.0	681086	24' width x 10' high	1500
8.739-486.0	681087	24' width x 12' high	1500
Station			
9.841-695.0	681145	4-sided x 12' high	1500

includes hardware, track & rollers (white top, clear center & blue bottom panel)
All 2,3 & 4-sided stations are 12' wide x 24' long (see diagram above)

Other sizes available - call for details

Water Broom 16"



- 4000 PSI
- Fits any 1/4" wand
- Requires (4) 1/4" nozzles and wand

Part No.	Original No.	Description
8.710-082.0	343615	Water Broom 16"

PRESSURE WASHER ACCESSORIES

Professional Sandblast Head



- Long-wearing Carbide sand nozzle
- 1/4" FPT water inlet
- 200°F
- 10 GPM
- 3500 PSI
- Sand probe weight 6 oz, length 16"
- Head weight 13 oz

Nozzle Size	Part No.	Original No.
3.5	8.711-242.0	391631
4.0	8.711-243.0	391632
4.5	8.711-244.0	391633
5.0	8.904-403.0	391634
5.5	8.711-245.0	391635
6.0	8.904-404.0	391636
8.0	8.711-246.0	391637

Part No.	Original No.	Description
8.711-247.0	391640	Sand Probe
8.901-264.0	121041	1/2" ID Polybraided Tubing, 25'

Sandblast Kit - Carbide Nozzle Industrial Grade



A Venturi orifice creates a uniform blast pattern, doubles sand velocity and produces up to 45% more work with 20% less sand.



- 5500 PSI Max Working Pressure
- 10 GPM Max Flow
- 200°F
- 10 lbs.
- Nozzle tips sold separately

Part No.	Original No.	Description
8.701-485.0	084079	Sand Blast Kit DWSDBTK

Sandblast Nozzles Tips



Replacement tips for Sandblaster Kit (part no. 8.701-485.0 - Original no. 084079)

- Use 1/4" meg 5° spray tip

Part No.	Original No.	Description
8.707-668.0	251159	4.0 x 5° Tip
8.707-685.0	251198	5.0 x 5° Tip
8.707-696.0	251221	5.5 x 5° Tip
8.707-701.0	251237	6.0 x 5° Tip
8.707-709.0	251256	6.5 x 5° Tip

Sandblast Kit - Carbide Nozzle Industrial Grade



A Venturi orifice creates a uniform blast pattern, doubles sand velocity and produces up to 45% more work with 20% less sand.



8.701-617.0

- Solid carbide blast nozzle
- Venturi orifice design
- Volume control sand feed valve
- Up to 3500 PSI
- Up to 750 lbs of sand per hour

Kit contents: Sand head with carbide nozzle, 20" lance, Sand probe, 13-1/2' sand hose, Sand flow regulator valve

Orifice Size	Part No.	Original No.
4.0	8.904-397.0	391554X
4.5	8.904-396.0	391553X
5.0	8.904-398.0	391555X
5.5	8.904-395.0	391550X
6.0	8.904-399.0	391556X
7.0	8.904-400.0	391557X
10.0	8.904-402.0	391560X

Part No.	Original No.	Description
8.701-620.0	086941	Solid Carbide Nozzle only
8.701-617.0	086930	Probe only

Tip-Jet Nozzles for water nozzle replacement or for system volume changes

Orifice Size	Part No.	Original No.
3.0	8.708-016.0	253316
4.0	8.708-019.0	253330
4.5	8.708-023.0	253338
5.0	8.708-027.0	253346
5.5	8.708-031.0	253355
6.0	8.708-035.0	253365
6.5	8.708-039.0	253375
7.0	8.708-042.0	253383
7.5	8.708-046.0	253392
8.0	8.708-050.0	253400
9.0	8.708-054.0	253415
10.0	8.708-058.0	253456

Dual Chemical Systems



- New deep-ribbed Yellow casing, stays flexible even in cold temperature
- Hose assembly complete with gun and amphenol connectors pre-wired
- Fully compatible with Power Blaster, Two-Step, Chemex and most other cold water dual chemical systems

Part No.	Original No.	Description
Complete Hose Assembly		
8.709-044.0	285116	80' R2 Electric (5 wire)
8.709-045.0	285120	100' R2 Electric (5 wire)
Lance Attachment Parts		
8.709-049.0	285136	Female Receiver
8.709-050.0	285137	Male Lance Swivel
8.709-051.0	285138	Retainer Nut
Complete Remote Gun Unit		
8.709-046.0	285125	Gun, Electric
Remote Gun/Hose Parts		
8.709-048.0	285135	Gun Housing
8.709-053.0	285139	Switch P/B
8.709-054.0	285140	Switch, Chemical
8.709-056.0	285142	Switch Plate
8.903-083.0	285144	O-ring, Nipple (2 req'd)
8.903-084.0	285145	O-ring, Nipple (Bags of 50)
8.709-060.0	285175	Swivel Adapter
8.709-061.0	285177	Cord Grip
8.709-063.0	285181	Oetiker clamp
8.709-064.0	285187	Switch – Push Button Trigger
8.709-065.0	285189	Toggle, DPDT (Trig) On/Off/On

Stainless Steel Sewer Nozzles



- 4100 PSI
- Corrosion Resistant Stainless steel
- One Forward Orifice
- Three Rear Orifices

Part No.	Original No.	FPT	Size
8.710-905.0	373075	1/8"	5.0
8.710-906.0	373076	1/8"	5.5
8.710-907.0	373077	1/8"	6.0
8.710-908.0	373078	1/4"	6.5
8.710-909.0	373079	1/4"	7.0
8.710-910.0	373080	1/4"	9.5

Sewer / Tube Cleaning Nozzles **SUTTNER**

The reverse jets on the fixed and rotary nozzles pull the hose through the tube or sewer line and blast debris from line or tube walls.



- Backward ports drive the nozzle forward and flush debris
- Forward ports blast into pipe and breaks up clogs & debris
- Physically small for cornering ability
- 4200 PSI
- Corrosion resistant stainless steel construction
- Orifice size indicated on non-rotating styles
- Rotating style adds extra agitation and surface cleaning

Part No.	Original No.	Nozzle	Orifice Size	O.D.	Ports
Non-Rotating Sewer Nozzles					
8.710-875.0	373024	1/8"	4.5	.580"	0-forward, 3 back
8.710-874.0	373023	1/8"	5.5	.580"	1-forward, 3 back
8.710-878.0	373027	1/4"	4.5	.730"	1-forward, 3 back
8.710-876.0	373025	1/4"	5.5	.730"	1-forward, 3 back
8.710-877.0	373026	1/4"	6.0	.730"	1-forward, 4 back
8.710-880.0	373029	1/4"	7.5	.730"	1-forward, 4 back
8.710-879.0	373028	1/4"	8.0	.730"	1-forward, 3 back
8.710-881.0	373032	1/4"	12	.730"	1-forward, 3 back
8.710-885.0	373038	3/8"	4.0	.920"	1-forward, 3 back
8.710-884.0	373037	3/8"	5.5	.920"	1-forward, 3 back
8.710-886.0	373039	3/8"	8.5	.920"	1-forward, 4 back
8.710-883.0	373036	3/8"	12	.920"	1-forward, 4 back
8.710-882.0	373035	3/8"	14	.920"	1-forward, 4 back



0-forward, 3 back ports 1-forward, 3 back ports 1-forward, 4 back ports



- Rotating sewer nozzle
- Adds extra agitation
- 4000 PSI
- **Back Jet Only**

Part No.	Original No.	Rotating Nozzle	Size	Ports
Rotating Sewer Nozzles				
8.710-899.0	373062	1/8"	5.5	0-forward, 3 back
8.710-898.0	373061	1/4"	5.5	0-forward, 3 back
8.710-900.0	373064	1/4"	8.0	0-forward, 3 back
8.710-887.0	373040	1/4" Duct Clnr*	5.5	0-forward, 2 side

*Duct Cleaner jet to sides instead of reverse



0-forward, 3 back ports

0-forward, 2 side ports

PRESSURE WASHER ACCESSORIES

Sewer Hose

SUPER FLEXIBLE SEWER LINE HOSE Hose and couplings have small outside diameter, allowing hose and nozzles to fit through sewer line. Sewer line has Super Tough poly-ether cover over ultra-flexible nylon tube. (1/8" sewer nozzle and hose will operate through many 1-1/2" lines.)

(Nozzles not included.)



- 160°F
- Nylon tube, poly-ether cover

Part Number	Diameter	Length (ft)	Max PSI	End 1	End 2
1/8" hose					
8.751-927.0	1/8"	25	4800	1/8" MPT	1/8" MPT
8.751-927.0	1/8"	50	4800	1/8" MPT	1/8" MPT
8.751-929.0	1/8"	75	4800	1/8" MPT	1/8" MPT
8.705-601.0	1/8"	25	4800	1/4" MPT	1/8" MPT
8.705-602.0	1/8"	50	4800	1/4" MPT	1/8" MPT
8.705-603.0	1/8"	100	4800	1/4" MPT	1/8" MPT
1/4" hose					
8.705-607.0	1/4"	50	2600	1/4" MPT	1/4" MPT
8.705-608.0	1/4"	100	2600	1/4" MPT	1/4" MPT
8.705-610.0	1/4"	50	4400	1/4" MPT	1/4" MPT
8.795-611.0	1/4"	100	4400	1/4" MPT	1/4" MPT
8.751-930.0	1/4"	150	4400	1/4" MPT	1/4" MPT
8.751-931.0	1/4"	200	4400	1/4" MPT	1/4" MPT
3/8" hose					
8.751-932.0	3/8"	50	4000	3/8" MPT	3/8" MPT
8.751-933.0	3/8"	100	4000	3/8" MPT	3/8" MPT
8.751-934.0	3/8"	150	4000	3/8" MPT	3/8" MPT
8.751-935.0	3/8"	200	4000	3/8" MPT	3/8" MPT
8.751-936.0	3/8"	250	4000	3/8" MPT	3/8" MPT
8.751-937.0	3/8"	300	4000	3/8" MPT	3/8" MPT
1/2" hose					
8.751-938.0	1/2"	100	4000	1/2" MPT	1/2" MPT
8.751-939.0	1/2"	150	4000	1/2" MPT	1/2" MPT
8.751-940.0	1/2"	200	4000	1/2" MPT	1/2" MPT
8.751-941.0	1/2"	250	4000	1/2" MPT	1/2" MPT
8.751-942.0	1/2"	300	4000	1/2" MPT	1/2" MPT

Foot Controlled Pressure Valve



Operators of sewer and tube cleaning equipment need both hands free to feed or retract the hose in the sewer line. Foot operated valve allows hands-free control.



- Inlet 3/8" - outlet 1/4"
- Brass body - Stainless steel valve
- Steel cover for safety
- Up to 12 GPM
- Up to 5000 PSI

Part No.	Original No.	Description	PSI
8.710-134.0	344200	Sewer Cleaner Foot Valve	3000
8.709-972.0	342024*	Foot Valve w/ ST-2305	5000
8.701-657.0	089006	Repair Kit - Foot valve	
8.701-673.0	089850	Repair Kit ST-2305	
8.711-526.0	4-0193	Kit, 25' Hose, #4.5 Nozzle, Foot Valve	

*Heavy gauge steel construction for durability and stability

ST-36 Pit Boss Sludge Sucker **SUTTNER**

Sludge Sucker uses a high pressure water stream (1000-3000 PSI) to suck the sludge off the bottom of pits or tanks and eject it through a 1-1/2" (15' long) hose to a disposal tank.

The base unit attaches to the end of a pressure washer lance with a quick coupler for extension to the bottom of the pit. Uses a 0° tip for suction/power ejection.



- Uses standard 1/4" MPT nozzle
- Easy to change for different plumbing system flows and pressures

Part No.	Original No.	Description
8.711-112.0	376137	ST-35 Pit Boss, 5.5 Nozzle/ 15' Hose
8.711-110.0	376126	(Base unit only)

*w/o hose, nozzle or quick coupler (3/8" inlet port)

Drum Tool Accessories

The Indispensable Tools.



8.712-534.0



8.704-691.0



8.704-689.0



8.707-474.0



8.704-692.0

Part No.	Orig. No.	Description
8.712-534.0	449339	Drum Plug Wrench
8.704-689.0	118400	Lid-Off
8.704-691.0	118404	Funnel, 7" x 10"
8.704-692.0	118407	3/4" Faucet
8.704-693.0	118408	2" Faucet

Load Cincher Tie Downs

8.707-473.0	249938	7/8" x 5-1/2' (Non-Ratchet) "Quick Lock"
8.707-474.0	249939	1" x 15' (Ratchet) "Tight Lock"



Fiberglass "Super Handles"



- Tough - durable - lightweight
- No cracking - splintering
- No kinks - dents
- Safer around electrical hazards
- Easy-Twist cam lock extension
- Super heavy-duty aluminum alloy threads
- Standard 3/4" Acme thread fits: Brooms, brushes, utility tools
- Optional reduction adapter for 3/4" to Acme standard

Part No.	Original No.	Description
Super Handles		
8.709-306.0	306864	48" Length (4 ft)
8.709-307.0	306865	60" Length (5 ft)
8.709-308.0	306866	72" Length (6 ft)
Super-Extension Handles		
8.709-309.0	306868	4 ft to 8 ft Ext
8.709-310.0	306869	6 ft to 12 ft Ext
8.709-311.0	306870	8 ft to 16 ft Ext
8.700-308.0	075271	Threaded Adapter

Drum / Tank Pump - Crank Type

Chemical-resistant, lightweight pump, ideal for dispensing chemicals, pesticides and oils. **Polypropylene** for most alkalies, dilute acids, pesticides, and most oils & solvents. **Ryton** for extremely aggressive acids, aromatic and aliphatic hydrocarbons.



SPECIFICATION:

- 11 oz per revolution
- 6 GPM @ 70 RPM
- Viton seals
- Polypropylene gasket
- 2" bung adapter
- Outlet 3/4" barb 2 piece
- 47" suction tube
- Weight 2.6 lbs

Part No.	Original No.	Description
8.704-700.0	118435	Polypropylene Pump (Standard)
8.704-701.0	118438	Ryton Pump (Deluxe)
8.700-526.0	076975	Replacement Handles

Siphon Pumps

Siphon liquids from higher to lower levels. Simply pump the bellows a few times to prime and start flow. Loosen air lock to stop.



- Drum pump fits 15, 30 & 55 gallon drums
- Fit 2" bung opening
- Excellent for: Alkaline & acidic chemicals, diesel fuel, & oils
- Not for use with solvents!

Part No.	Original No.	Description
8.704-698.0	118429	Red Hex Head (Heavy-duty)
8.704-696.0	118423	Red Head (Standard duty)
8.704-694.0	118420	Pail Pump (5 Gallon)

Brushes

Rotating Brush - Natural Bristle (soft) used for painted surfaces. Nylon Bristle (stiff) used for removing scum and grime on fiberglass boats, etc.



- Internal nozzle = size 20
- 8 GPM

Part No.	Original No.	Description
Brush Unit Complete		
8.709-312.0	306925	Natural
8.709-314.0	306935	Nylon
Replacement Brushes		
8.709-313.0	306927	Natural
8.709-316.0	306937	Nylon

Truck Wash Brush



- Flag-tipped
- Soft bristle
- ACME thread for Super Handles, or broom handles

Part No.	Original No.	Description
8.709-298.0	306800	2-1/2" Bristle w/Bumper x 10"
8.709-303.0	306818	2-1/2" Bristle x 18"
8.709-304.0	306824	2-1/2" Bristle x 24"
8.709-305.0	306860	60" Flow Thru Lance*

*with Acme Thread & Garden Hose Attachment

Deck Scrub Brush - Over / Under - Unique Heavy-duty Scrub Brush with Multi-Level/Angle.



- Trimmed for cleaning hard-to-reach areas
- 10" molded polypropylene foam block does not warp or absorb water
- Stiff polypropylene bristle for aggressive cleaning
- Excellent chemical resistance
- Use with threaded handle
- Not a Flow Thru

Part No.	Original No.	Description
8.709-302.0	306812	Deck Scrub Brush

Tractor Brush - Soft for gentle cleaning of fine finishes.



Part No.	Original No.	Description
8.709-300.0	306802	Flag Tip Window 10"

PRESSURE WASHER ACCESSORIES

Compact Foamer

Legacy

Generates a high density clinging foam for extended dwell time to increase chemical action



- Stainless steel, aluminum and brass
- 5" long, 1" diameter
- 4 and 6.5 nozzle included
- 1 to 5 GPM
- 195°F
- 2500 PSI

Part No.	Original No.	Description
8.903-998.0	344022V	1/8" F Inlet
8.903-999.0	344023V	1/4" F Inlet

NOTE: Most cleaning chemicals perform best when applied at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

Foam Cannon

The Ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- Stainless Steel 1.5mm orifice (#5.5 nozzle equivalent)
- Brass meter valve
- 3000 PSI max pressure
- High impact glass-filled body
- 4.8 GPM max flow
- SS Foam Turbulator
- 176°F max temperature
- 1/4" FPT lance connect

Part No.	Original No.	Description
8.710-125.0	344030	Foam Cannon/ Injector
8.710-126.0	344032	Foam Cannon/ Injector/Bottle
8.704-222.0	113011	Replacement Turbulator Screen

Air Power Sprayers



- Pump-up style
- Heavy-duty plastic sprayers for chemical applications
- Both models have Adj. Nozzle – from mist to solid stream
- 2 gallon unit has 2' hose and hand trigger
- Excellent chemical resistance
- Locking hand pump handle serves as carrying handle

Part No.	Original No.	Description
8.704-703.0	118842	Thumb Button 3 Pint
8.704-702.0	118835	2 Gallon Sprayer

Foam Jet Kit

AP

Long distance foam applicator. Shoots OVER 20 FEET of dense foam. Suction at 30 feet of height. Variable spray pattern.



- 5000 PSI
- 5.6 GPM
- 14" inlet
- 140° F
- 33' Tube

Part No.	Description
8.750-296.0*	Kit, Foam Jet, 5000 PSI, 5.6 GPM
8.750-429.0	Kit, Repair, Foam Jet Orings/ SS Filter
8.750-430.0	Kit, Repair, Foam Jet, Hose/ Valve/ Filter

* Includes tubing and fittings as shown

Lafferty Airless Foam Kit



Includes

- Machined stainless steel construction
- Stainless Steel chemical check valve
- Stainless steel Quick Disconnects
- 10' chemical tube with strainer
- Color-coded metering tips for up to 21 dilution ratios
- 0° nozzle for increased foam throw distance

Part No.	Water Flow Rate	@2000 PSI	@ 137.9 bar
8.749-908.0	Model 10	4.0 GPM	15.1 LPM
8.749-909.0	Model 20	6.0 GPM	22.7 LPM

Adjustable Foamer with Tank

Control the foam spray angle with the variable fan nozzle



- Horizontal variable fan nozzle
- Foam control adjustment knob
- PSI: 2600
- GPM: 5.3
- 140°F

Part No.	Description
8.710-124.0	Adjustable Foamer w/ Tank

Thread Lock Products



- Direct replacement for LocTite® and Fel-Pro™ products
- ND™ anaerobic adhesives are liquid materials that cure to a solid, chemical-resistant plastic state when air is not present
- Excellent lubricant; prevents corrosion and fretting

Part No.	Original No.	Description	LocTite® Equiv	Bottle Size
8.704-644.0	112350	Nut Grade™	242	10 ml
8.704-645.0	112352	Nut Grade™	242	50 ml
8.704-646.0	112354	Nut Grade™	242	250 ml
8.704-648.0	112360	Stud Grade™	271	10 ml
8.704-649.0	112362	Stud Grade™	271	50 ml
8.704-650.0	112367	Penetrating Adhesive (Sealant)	290	10 ml

Nut Grade™ and Stud Grade™ are trademarks of the Oakland Corp. LocTite® is a registered trademark of the LocTite Corp.

Gloves - Industrial Duty

Industrial Grade Gloves for most industry needs chemical/ heat/ abrasion/ laceration protection.



- 8.704-669.0** Black, 14" PVC Glove lined with cotton for the most demanding chemical handling. Resists alkalines, acids – even works well as a sandblasting glove.

- 8.704-668.0** Gray – Split Cowhide work gloves, 2-1/2" gauntlet unlined – Great general purpose work glove.

Part No.	Original No.	Description
8.704-668.0	116105	Gray Roughout
8.704-669.0	116114	Black PVC

Rain Suit - 2 Piece



- Heavy-duty 2-ply laminated vinyl (25 mil)
- Jacket & pants
- Bright safety yellow
- Vented for air flow

Part No.	Original No.	Description
8.704-666.0	116100	Large
8.704-667.0	116101	Extra Large

Amazing Pocket Reference - 3rd Edition

A ton of information in a 5 oz book!



- Air & gases
- Automotive
- Chemistry
- Electrical
- Physical constants
- Math
- 3350 conversion factors
- Plumbing & pipe
- Over 20 other subject areas

Part No.	Original No.	Description
8.712-505.0	449015	Pocket Reference

Shipping Tape & Dispenser

Big 2" x 110 yard rolls of clear. Biaxially-oriented polypropylene for secure packages.



- Heavy-duty tape dispenser with serrated blade

Part No.	Original No.	Description
8.704-707.0	118916	Dispenser Boxed
8.901-249.0	118918	110 Yard Roll

Teflon® Thread Sealing Tape



- Big 1/2" x 520" roll
- Mil - spec #T27730

Part No.	Original No.	Description
8.704-705.0	118905	Thread Sealing Tape

Profit From Power Washing

Geared specifically to determining the profitability, feasibility, and marketability of owning a pressure washing business. It covers the methodology so crucial in both starting and operating a pressure washing service. Topics covered include:



- Marketable Services
- Equipment Selection
- Equipment Use
- Personal Safety
- Target Markets
- Customer Relations
- Estimating
- Advertising
- Chemical Selection & Use
- Important Legal Issues
- Much More...

Part No.	Description
8.750-507.0	Profit From Power Washing

Yamada Pumps



100381

Air-powered double diaphragm pump, "Reliable Performance Since 1905". The answer to difficult product transfer problems. Air-drive allows freedom from electrical hazards or explosion-proof motor requirements. Choose from various wetted-parts materials to customize the pump to the chemical being pumped. YAMADA's smaller pumps are often used for pumping car wash chemical for 'low-pressure' functions. The 1/2" pump is also ideal for rapidly pumping oil, soap, etc., from 55 gallon barrels. Larger pumps are used for high volume product transfer. Since all pumps are designed without rotating parts, they can also handle abrasive liquids such as ceramic slip, sand slurry, or enamel frit without damage. **Have a unique challenge? Call us for help!**

- Environmentally-friendly non-lube air valve
- Automatic Start/Stop
- Infinitely variable flow control regulated by opening or closing discharge side valve and/or fluctuating air supply.
- Non-stalling air valve – positive switching every stroke and won't ice up
- Outside accessible air valve – easy inspection and maintenance
- Bolted flange connections – leak-free and easy maintenance
- Built-in abrasion- and chemical-resistance
- Virgin diaphragm materials last twice as long as other pumps
- 100 PSI
- 180° F
- 1/4" model delivers 3.4 GPM with 20 – 100 PSI drive air
- 1/2" models deliver 15 GPM with 20 – 100 PSI drive air
- 3/4" models deliver 19.5 to 27.3 GPM with 20 – 100 PSI drive air
- 1" models deliver 35.7 to 48.3 GPM with 20 – 100 PSI drive air



100384

Part No.	Orig. No.	Intake & Discharge	Air Inlet w/ball valve	Air Exhaust w/B-1 muffed	Pump Body	Diaphragm Material	Max Flow @ 100 PSI	Max Solid
8.702-180.0	100381	1/4" FPT	1/4" FPT	3/8" FPT	Poly	Teflon®	3.4 GPM	N/A
8.702-181.0	100382	1/4" FPT	1/4" FPT	3/8" FPT	Kyn	Teflon®	3 GPM	N/A
8.702-200.0	100410	3/8" FPT	1/4" FPT	3/8" FPT	Poly	Teflon®	6 GPM	1/32"
8.702-201.0	100411	3/8" FPT	1/4" FPT	3/8" FPT	Poly	Santoprene®	6 GPM	1/32"
8.702-182.0	100383	1/2" FPT	1/4" FPT	3/8" FPT	Poly	Hytrel®	15 GPM	1/32"
8.702-183.0	100384	1/2" FPT	1/4" FPT	3/8" FPT	Poly	Santoprene®	15 GPM	1/32"
8.702-184.0	100385	1/2" FPT	1/4" FPT	3/8" FPT	Poly	Teflon®	15 GPM	1/32"
8.702-187.0	100391	3/4" FPT	1/4" FPT	3/4" FPT	Poly	Neoprene	27.3 GPM	1/16"
8.702-188.0	100392	3/4" FPT	1/4" FPT	3/4" FPT	Poly	Buna-N	27.3 GPM	1/16"
8.702-189.0	100393	3/4" FPT	1/4" FPT	3/4" FPT	Poly	Hytrel®	27.3 GPM	1/16"
8.702-190.0	100394	3/4" FPT	1/4" FPT	3/4" FPT	Poly	Teflon®	27.3 GPM	1/16"
8.702-191.0	100395	3/4" FPT	1/4" FPT	3/4" FPT	Alum	Buna-N	27.3 GPM	1/16"
8.702-192.0	100396	1" FPT	3/8" FPT*	3/4" FPT	Poly	Neoprene	48.3 GPM	3/16"
8.702-193.0	100397	1" FPT	3/8" FPT*	3/4" FPT	Poly	Hytrel®	48.3 GPM	3/16"
8.702-194.0	100398	1" FPT	3/8" FPT*	3/4" FPT	Poly	Teflon®	48.3 GPM	3/16"
8.702-195.0	100399	1" FPT	3/8" FPT*	3/4" FPT	Alum	Hytrel®	35.7 GPM	3/16"
8.702-202.0	100415	1-1/2" FPT	1/2" FPT*	3/4" FPT	Alum	Buna-N	116 GPM	9/32"

*with air-cock instead of ball valve

Diaphragm Kits for Yamada Pumps



To minimize downtime, Yamada pumps are designed for quick, trouble-free maintenance. Pump diaphragms, balls and seats can be replaced in 20 minutes or less and with little chance of leaks commonly associated with other diaphragm pumps.

- Kits include everything required for routine maintenance

Part No.	Original No.	Kit	Pump Size	Yamada Pump No.
8.703-277.0	105004	Teflon®	1/4"	100381
8.703-278.0	105006	Hytrel®	1/2"	100383
8.703-279.0	105008	Santoprene	1/2"	100384
8.703-281.0	105010	Teflon®	1/2"	100385
8.703-282.0	105012	Neoprene	3/4"	100391
8.703-283.0	105014	Buna-N	3/4"	100392

NOTE: Individual components (O-rings or diaphragms only, for example) also available; call for pricing & delivery.

Part No.	Original No.	Kit	Pump Size	Yamada Pump No.
8.932-947.0	105018	Teflon®	3/4"	100394
8.703-284.0	105022	Neoprene	1"	100396
8.703-285.0	105024	Hytrel®	1"	100397
8.703-286.0	105026	Teflon®	1"	100398
8.703-320.0	105150	Buna	1-1/2"	100415

Air-Operated Pump

FLOJET

Twin Diaphragm, Self Priming, 7.0 GPM.



- Santoprene elastomers
- Dry air (or CO2) 20-120 PSI
- 7.0 GPM
- 120°F max liquid temperature
- Self-priming up to 15 feet
- Air (Gas) in & out, 1/4" barb
- Choice of 3/8" or 1/2" barb fluid in/out
- Automatic, on-demand Start & Stop
- Flow control via air (gas) pressure
- Common uses:
Chemical Transfer & Dispensing Parts
Washers Car Wash Systems

Part No.	Original No.	Description
8.702-321.0	100874	3/8" Pump (Santoprene)
8.702-322.0	100874A	3/8" Pump (Viton)
8.702-323.0	100875	1/2" Pump (Santoprene)
8.702-324.0	100875A	1/2" Pump (Viton)

Air-Driven Pump

FLOJET

Twin Diaphragm, Self Priming, 1.9 GPM.



- Santoprene or Viton elastomers: Use Santoprene for soaps, Use Viton for butyls
- Dry air (or CO2) 20-80 PSI
- 1.9 GPM
- Chemical in & out, 3/8" barb
- Air (Gas) in & out, 1/4" barb
- Automatic, on-demand Start & Stop
- Control flow & pressure with air pressure

Part No.	Original No.	Description
8.702-320.0	100873	Pump (Santoprene)
8.702-319.0	100872	Pump (Viton)
8.700-387.0	075862	Diaphragm Kit (Santoprene)
8.700-388.0	075863	Valve Kit (Santoprene)
8.700-418.0	075907	Diaphragm Kit (Viton)
8.700-419.0	075908	Valve Kit (Viton)

Air Filter / Regulators



8.712-585.0



8.712-586.0

- Maintains and gauges pressure to, and therefore discharge pressure from air-driven diaphragm pumps
- Removes air line impurities to 5 microns
- 1/4" ports
- 125 PSI
- Pressure-relieving

Part No.	Original No.	Description
8.712-585.0	462280	Regulator Only
8.712-586.0	462285	Filter/Regulator
8.712-587.0	462290	Gauge, 0 -1 60, 1/8"

Foam Brush & Accessories

Foam Brush Head 3" x 10" Supersoft flagged bristle fountain brush. Choose from Black or Blue, Black is standard.



If no suffix is used, black will be shipped on Foam Brush

Foam Brush Lance 40" long with 30" insulated grip, 3/8" FPT inlet, 1/2" MPT outlet (Matches brush inlet). Colors: Red, Blue, or Black. Red is Standard.



If no suffix is used, red will be shipped on Foam Brush Lance.

Brush Hoses Clear spiral wire braid, 1/2" ID with 3/8" MPT, zinc-plated steel fittings both ends.



Part No.	Original No.	Description
8.710-115.0	344006	Foam Brush Head, Black
8.710-117.0	344006RED	Foam Brush Head, Red
8.710-116.0	344006BLU	Foam Brush Head, Blue
8.710-118.0	344010	Foam Hose (12')
8.710-119.0	344011	Foam Hose (15')
8.710-121.0	344014	Lance 40", Red
8.710-122.0	344014BLK	Lance 40", Black
8.710-123.0	344014BLU	Lance 40", Blue

CAR WASH BAY ACCESSORIES

“Reflex” Car Wash Booms

The Performance Leader!



- 5'6" car wash model
- 8 ft truck wash model
- 3000 PSI
- Stainless steel boom arm
- 3/8" FPT inlet/outlet hose included

Part No.	Original No.	Description
Booms		
8.903-620.0	306660X	180° Wall Mount 5'6" Boom
8.903-621.0	306662X	360° Ceiling Mount 5'6" Boom
8.903-624.0	306665X	180° Wall Mount 10" Boom
8.903-625.0	306666X	360° Ceiling Mount 10" Boom
8.903-626.0	306667X	180° Wall Mount 8' Boom
8.903-627.0	306668X	360° Ceiling Mount 8' Boom

Parts / Accessories		
8.903-622.0	306663X	5.5' Rod/Hose Assy Only
8.903-623.0	306664X	8' Rod/Hose Assy Only
8.903-628.0	306669X	10' Rod/Hose Assy Only
8.903-630.0	306670X	Ceiling Mount Base Only
8.903-632.0	306672X	Wall Mount Base Only
8.700-265.0	075064X	Set Screw for Angle Block
8.905-605.0	568612	90° End Coupler C/W Boom
8.905-604.0	568610	8' Coupler SS C/W Boom
8.712-450.0	421020	Swivel - Brass 3/8"
8.700-263.0	075060	Swivel Repair Kit (pre-1998)
8.700-287.0	075130	Swivel Repair Kit (1998-present)

Stainless Steel Bay Accessories

Foam Brush Boom Holder, Wand Holders, Mat Clamps.



Part No.	Original No.	Description
8.708-880.0	260600	Standard Foam Brush Holder
8.708-881.0	260605	Rigid Wall Mount Wand Holder
8.708-882.0	260606	Flex Bottom Mount Wand Holder
8.708-883.0	260610	Mat Clamp

Locks for Meter Boxes



8.708-731.0

8.708-730.0

Part No.	Original No.	Description
8.708-731.0	260064	Disk Lock (Master Brand)
8.708-730.0	260062	Tubular Cam Lock

8-Position Rotary Switch

Metal Car Wash Switch.



- Much more durable than cheaper plastic switches. Save in the long run!
- Direct replacement for Electroswitch 31302A-S & NU32LA
- Make before break functions
- Double stack 8-position
- METAL

Part No.	Original No.	Description
8.708-729.0	260061	8-Position Rotary Switch

Transformers



Part No.	Original No.	Description
8.708-780.0	260311	115-24 VAC: 600 MIL/AMP
8.708-781.0	260312	115/208/230-24 VAC: 100VA Fused
8.708-783.0	260315	120/208/240-24 VAC: 50VA
8.708-784.0	260316	120/208/240- 24 VA Not Fused

Fuses



Part No.	Orig. No.	Description
8.708-786.0	260324	Transformer fuse 5 Amp (For P/N 260312)

Swivels - Medium Pressure



- 1000 PSI
- 7/16" flow-thru opening
- All brass body
- Bronze thrust bearing
- Buna-N seals (non-repairable)
- 1/2" FPT x 1/2" MPT

Part No.	Original No.	Description
8.705-057.0	140094	Swivel

Low Pressure Swivels



- 300 PSI swivel action
- Brass MPT
- Zinc chromate steel FPT

Part No.	Original No.	Description
8.705-054.0	140085	1/4" x 1/4"
8.705-056.0	140087	3/8" x 3/8"
8.705-055.0	140086	1/2" x 1/2"

Flex Lances



- Flexes 180° & returns
- Prevents bent lances & broken hoses
- Industrial grade polyurethane flex section
- Perfect for self-serve car wash bays
- 1/4" galvanized pipe end sections
- 2000 PSI
- 200°F

Part No.	Original No.	Length/Color	
8.710-600.0	368119BLK	18" Black	1/4" MPT x 1/8" FPT
8.710-601.0	368119BLU	18" Blue	1/4" MPT x 1/8" FPT
8.710-603.0	368121	21" Red	1/4" MPT x 1/8" FPT
8.710-604.0	368124	24" Red	1/4" MPT x 1/8" FPT
8.710-598.0	368118	18" Red	1/4" MPT x 1/4" MPT
8.710-599.0	368118BLK	18" Black	1/4" MPT x 1/4" FPT

RB65 Wash Gun



Low pressure spray gun with straight jet and adjustable cone from the trigger with adjustable screws to alter cone angle wideness from 0° to 60°.



- Completely sealed
- Ergonomic
- Adjustable jet cone
- Trigger protection
- Brass Body
- Inlet connection swivel
- 16 GPM
- 350 PSI rated pressure
- 195°F

Part No.	Original No.	Description
8.710-449.0	353265	PA RB65 w/ swivel
8.710-448.0	353264	PA RB65 no swivel

Car Wash Vacuum Hose CW150 & CW200

**ULTIMATE
CRUSH-PROOF**

The Most Flexible, Easy-to-Handle Vacuum Hose Ever!



- Recovers immediately from crush
- Tough & durable
- Resists ultraviolet rays & abrasion
- Smooth interior bore for max air flow
- CW150 = 1-1/2"; CW200 = 2"

Part No.	Original No.	Size	Part No.	Original No.	Size
8.708-912.0	260957	1.5" x 12.5'	8.708-917.0	260962	2" x 15'
8.708-907.0	260950	1.5" x 15'	8.708-919.0	260966	2" x 25'
8.708-909.0	260954	1.5" x 25'	8.708-920.0	260968	2" x 50'
8.708-910.0	260956	1.5" x 50'			

Vacuum Accessories

May slip directly onto hose; for better results, use with swivel cuffs, below.

Vacuum Claw Nozzle



Part No. 1-1/2"	Original No. - 1-1/2"	Part No. 2"	Original No. - 2"	Color
8.708-893.0	260917	8.708-895.0	260919	Orange
8.708-892.0	260916	8.708-894.0	260918	Yellow
8.708-891.0	260915	8.708-897.0	260921	Black
8.708-890.0	260914	8.708-899.0	260923	Gray

Couplings

Part No.	Original No.	Description
8.708-896.0	260920	1-1/2"
8.708-898.0	260922	2"

Vacuum Accessories (continued)

Adapter



Part No.	Original No.	Description
8.708-900.0	260924	2" Hose x 1-1/2" Wand
8.708-904.0	260942	2" Hose x 2" Wand

Vacuum Nozzles



Part No.	Original No.	Description	Degree
8.708-901.0	260932	1-1/2" x 1-1/2" x 5-1/4"	45°
8.708-902.0	260934	2" x 2" x 5-1/2"	45°

Cuffs, Hose to Tank



Part No.	Original No.	Description
8.708-903.0	260940	1-1/2" x 1-1/2"
8.708-904.0	260942	2" x 2"
8.708-905.0	260944	1-1/2" x 1-1/2" Swivel
8.708-906.0	260946	2" x 2" Swivel

AP Vacuum Motors



8.625-841.0



8.620-204.0



8.625-842.0

Part No.	Description
----------	-------------

2 Fan Stages, Bypass Motors

8.625-841.0	5.7" Diameter, 120V Double Ball Bearing Peripheral Discharge
8.620-204.0	Vault system Vac Motor: 120V Double Ball Bearings, Tangent Discharge

3 Fan Stages, Bypass Motors

8.625-842.0	5.7" Diameter, 120V Double Ball Bearings Tangent Discharge
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Ametek-Lamb Vacuum Motors



8.685-502.0



8.685-442.0



8.685-458.0

Part No.	Description
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2 Fan Stages, Bypass Motors

8.685-502.0	5.7" Diameter, 120V Double Ball Bearing Peripheral Discharge
8.685-442.0	Vault system Vac Motor: 120V Double Ball Bearings, Tangent Discharge

3 Fan Stages, Bypass Motors

8.685-458.0	5.7" Diameter, 120V Double Ball Bearings Tangent Discharge
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CAR WASH BAY ACCESSORIES

Connector Hose - 2' - 10'

Connector hose comes with 1 solid / 1 swivel end.



3/8" Ultima - 2 wire 5000 PSI		3/8" Ultima - 2 wire 5000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-271.0	2'	8.918-272.0	2'
8.918-273.0	3'	8.918-275.0	3'
8.918-276.0	4'	8.918-277.0	4'
8.918-278.0	5'	8.918-279.0	5'
8.918-280.0	6'	8.918-281.0	6'
8.918-282.0	7'	8.918-283.0	7'
8.918-284.0	8'	8.918-285.0	8'
8.918-286.0	9'	8.918-287.0	9'
8.918-288.0	10'	8.918-289.0	10'

1/2" Ultima - 2 wire 5000 PSI		1/2" Ultima - 2 wire 5000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-292.0	2'	8.918-293.0	2'
8.918-294.0	3'	8.918-295.0	3'
8.918-296.0	4'	8.918-297.0	4'
8.918-298.0	5'	8.918-299.0	5'
8.918-300.0	6'	8.918-418.0	6'
8.918-301.0	7'	-	-
8.918-302.0	8'	-	-
8.918-303.0	9'	-	-
8.918-304.0	10'	8.918-305.0	10'

3/8" Ultima - 1 wire 3000 PSI		3/8" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-253.0	2'	8.918-254.0	2'
8.918-255.0	3'	8.918-256.0	3'
8.918-257.0	4'	8.918-258.0	4'
8.918-259.0	5'	8.918-260.0	5'
8.918-261.0	6'	8.918-262.0	6'
8.918-263.0	7'	8.918-264.0	7'
8.918-265.0	8'	8.918-266.0	8'
8.918-267.0	9'	8.918-268.0	9'
8.918-269.0	10'	8.918-270.0	10'

1/4" Ultima - 1 wire 3000 PSI		1/4" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors	
Part No.	Length	Part No.	Length
8.918-240.0	2'	-	-
8.918-241.0	3'	-	-
8.918-242.0	4'	-	-
8.918-243.0	5'	8.918-244.0	5'
8.918-245.0	6'	8.918-246.0	6'
8.918-247.0	7'	-	-
8.918-248.0	8'	8.918-249.0	8'
8.918-250.0	9'	-	-
8.918-251.0	10'	8.918-252.0	10'

Connector Hose / Car Wash Bay Hose - 12' - 25'

All car wash bay hoses come with solid male pipe on both ends.



3/8" Ultima - 1 wire 3000 PSI		3/8" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One End	
Part No.	Length	Part No.	Length
8.918-333.0	12'	8.919-123.0	12'
8.918-334.0	13'	8.918-335.0	13'
8.918-336.0	14'	8.918-337.0	14'
8.918-338.0	15'	8.918-339.0	15'
8.918-340.0	16'	8.918-341.0	16'
8.918-342.0	17'	8.918-343.0	17'
8.918-344.0	18'	8.918-345.0	18'
8.918-346.0	19'	8.918-347.0	19'
8.918-348.0	20'	8.918-349.0	20'
8.918-350.0	21'	8.918-351.0	21'
8.918-352.0	22'	8.918-353.0	22'
8.918-354.0	23'	8.918-355.0	23'
8.918-356.0	24'	8.918-357.0	24'
8.918-358.0	25'	8.918-359.0	25'

3/8" Blue - 1 wire 3000 PSI		3/8" Blue - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One End	
Part No.	Length	Part No.	Length
8.918-360.0	12'	8.918-361.0	12'
8.918-362.0	13'	8.918-363.0	13'
8.918-364.0	14'	8.918-365.0	14'
8.918-366.0	15'	8.918-367.0	15'
8.919-124.0	16'	8.918-368.0	16'
8.918-369.0	17'	8.918-370.0	17'
8.918-371.0	18'	8.918-372.0	18'
8.918-373.0	19'	8.918-374.0	19'
8.918-375.0	20'	8.918-376.0	20'
8.918-377.0	21'	8.918-378.0	21'
8.918-379.0	22'	8.918-380.0	22'
8.918-381.0	23'	8.918-382.0	23'
8.918-383.0	24'	8.918-384.0	24'
8.918-385.0	25'	8.918-386.0	25'

1/4" Ultima - 1 wire 3000 PSI		1/4" Ultima - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One End	
Part No.	Length	Part No.	Length
8.918-306.0	12'	8.918-307.0	12'
8.918-308.0	13'	8.918-309.0	13'
8.918-310.0	14'	8.918-311.0	14'
8.918-312.0	15'	8.918-313.0	15'
8.918-314.0	16'	8.918-315.0	16'
8.918-316.0	17'	8.918-317.0	17'
8.918-318.0	18'	8.918-319.0	18'
8.918-320.0	19'	8.918-321.0	19'
8.918-322.0	20'	8.918-323.0	20'
8.918-324.0	21'	8.918-174.0	21'
8.918-325.0	22'	8.918-326.0	22'
8.918-327.0	23'	8.918-328.0	23'
8.918-329.0	24'	8.918-330.0	24'
8.918-331.0	25'	8.918-332.0	25'

1/4" Blue - 1 wire 3000 PSI		1/4" Blue - 1 wire 3000 PSI	
W/O Bend Restrictors		With Bend Restrictors One End	
Part No.	Length	Part No.	Length
8.918-387.0	12'	8.918-388.0	12'
8.918-389.0	13'	8.918-390.0	13'
8.918-391.0	14'	8.918-392.0	14'
8.918-393.0	15'	8.918-394.0	15'
8.918-395.0	16'	8.918-396.0	16'
8.918-397.0	17'	8.918-398.0	17'
8.918-399.0	18'	8.918-400.0	18'
8.918-401.0	19'	8.918-402.0	19'
8.918-403.0	20'	8.918-404.0	20'
8.918-405.0	21'	8.918-406.0	21'
8.918-407.0	22'	8.918-408.0	22'
8.918-409.0	23'	8.918-410.0	23'
8.918-411.0	24'	8.918-412.0	24'
8.918-413.0	25'	8.918-414.0	25'

Solenoid Valves

Dependable, Cost-effective Solutions to Valve Challenges.

Suitable for:

- Air
- Light Oil

- Professional Car Washes
- Chemicals
- Low Pressure Steam
- Other Industrial Applications



Water Solenoid Valves 2-way, Normally Closed

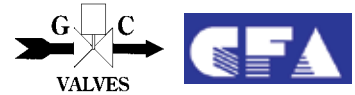
The S211 Series Standard Water Valves have reliable piloted diaphragm construction with proven performance over decades of use. Featuring stainless steel seats, the S211 Series typically requires 4 or 5 PSI pressure differential to open. The S201 Series

Zero Differential Valves are constructed with the same materials, but are capable of operating with the same amount of pressure on both sides of the valve. Both valve types are often utilized in the car wash industry.



Chemical Solenoid Valves 2-way, Normally Closed

For decades, car wash industry professionals have chosen the rugged S301 and S311 Series Valves because of their compact size and long life. Available in 1/8", 1/4" & 3/8" NPT designs, these valves are used in air, water and chemical applications.



High pressure Solenoid Valves 2-way, Normally Closed

The S401 High Pressure Valves are compact, dependable and specially designed by ITT to meet car wash applications up to 1,400 PSI. **Best Buy**

Normally Open Solenoid Valves for Car Wash Anti-Freeze Applications

These valves provide long life and reliable performance in the "Make or Break" Anti-Freeze systems of car washes. The S202 and S212 Series Diaphragm Valves feature non-wicking, fabric-reinforced diaphragms—which eliminates premature diaphragm failures—as well as stainless steel upper seats, which prevents seat deterioration often associated with brass-seated valves. The S202 Series Diaphragm Valve incorporates the zero operating pressure design discussed above; the S212 Series is a piloted diaphragm, and the S402 Series is a piloted piston valve.

Solenoid Valve Specifications

Body

BR = Brass
SS = Stainless Steel

Seals

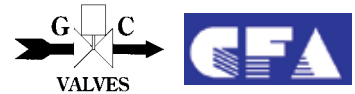
B = Buna
V = Viton

Mode

N/O = Normally Open
N/C = Normally Closed

Type

PD = Piloted Diaphragm
PP = Piloted Piston
DA = Direct Acting



Part No.	Original No.	GC Part No. Series	Port F-NPT	Body	Orifice	Oper PSI	Seals	Mode	Type	AC Volts	DEMA Equiv
8.708-805.0	260450	S201-CG4	3/8"	BR	.312"	150	B	N/C	PD	24	A413P-24
8.708-806.0	260451	S201-CG4	3/8"	BR	.312"	150	B	N/C	PD	110	A413P-110
8.708-807.0	260452	S201-DG4	1/2"	BR	.438"	150	B	N/C	PD	24	A414P-24
8.708-808.0	260453	S201-DG4	1/2"	BR	.438"	150	B	N/C	PD	110	A414P-110
8.708-810.0	260454	S201-EG5	3/4"	BR	.593"	150	B	N/C	PD	24	A416P-24
8.708-811.0	260455	S201-EG5	3/4"	BR	.593"	150	B	N/C	PD	110	A416P-110
8.708-812.0	260456	S201-FG9	1"	BR	.760"	150	B	N/C	PD	24	A418P-24
8.708-813.0	260457	S201-FG9	1"	BR	.760"	150	B	N/C	PD	110	A418P-110
8.708-820.0	260464	S211-CG4	3/8"	BR	.625"	150	B	N/C	PD	24	473P-24
8.708-821.0	260465	S211-CG4	3/8"	BR	.625"	150	B	N/C	PD	110	473P-110
8.708-822.0	260466	S211-DG4	1/2"	BR	.625"	150	B	N/C	PD	24	474P-24
8.708-823.0	260467	S211-DG4	1/2"	BR	.625"	150	B	N/C	PD	110	474P-110
8.708-824.0	260468	S211-EG5	3/4"	BR	.750"	150	B	N/C	PD	24	476P-24
8.708-825.0	260469	S211-EG5	3/4"	BR	.750"	150	B	N/C	PD	110	476P-110
8.708-826.0	260470	S211-FG9	1"	BR	1.00"	150	B	N/C	PD	24	—
8.708-827.0	260471	S211-FG9	1"	BR	1.00"	150	B	N/C	PD	110	—
8.708-828.0	260479	S301-AD5	1/8"	BR	.101"	125	B	N/C	DA	110	491P-110
8.708-829.0	260480	S301-BD7	1/4"	BR	.109"	150	B	N/C	DA	24	401P-24
8.708-830.0	260481	S301-BD7	1/4"	BR	.109"	150	B	N/C	DA	110	401P-110
8.708-814.0	260458	S202-CG4	3/8"	BR	.281"	150	B	N/O	PD	24	0412P-24
8.708-815.0	260459	S202-CG4	3/8"	BR	.281"	150	B	N/O	PD	110	0412P-110
8.708-816.0	260460	S202-DG4	1/2"	BR	.438"	150	B	N/O	PD	24	0A414P-24
8.708-817.0	260461	S202-DG4	1/2"	BR	.438"	150	B	N/O	PD	110	0A414P-110
8.708-818.0	260462	S202-EG5	3/4"	BR	.593"	150	B	N/O	PD	24	0A416P-24
8.708-819.0	260463	S202-EG5	3/4"	BR	.593"	150	B	N/O	PD	110	0A416P-110
8.708-831.0	260482	S301-BD7	1/4"	SS	.125"	150	V	N/C	DA	24	424-2-24
8.708-832.0	260483	S301-BD7	1/4"	SS	.125"	150	V	N/C	DA	110	424-2-110
8.708-833.0	260484	S401-Z	3/8"	SS	.350"	1200	V	N/C	PP	24	453P-24
8.708-834.0	260485	S401-Z	3/8"	SS	.350"	1200	V	N/C	PP	110	453P-110
8.708-835.0	260486	S401-Z	1/2"	SS	.500"	1200	V	N/C	PP	24	454P-24
8.708-836.0	260487	S401-Z	1/2"	SS	.500"	1200	V	N/C	PP	110	454P-110

Replacement / Repair Kits for Solenoids Valves

Part No.	Orig. No.	Description
8.708-837.0	260488	24V AC Coil
8.708-838.0	260489	110V AC Coil
8.700-214.0	074801	Repair Kit - S301-1/4" valves (Buna)
8.700-215.0	074802	Repair Kit - S201-3/8" & 1/2" valves (Buna)
8.700-216.0	074806	Repair Kit - S202-3/4" valves (Buna)

Part No.	Orig. No.	Description
8.700-217.0	074807	Repair Kit - S301-1/4" valves (Viton)
8.700-218.0	074808	Repair Kit - S401-3/8" & 1/2" valves (Viton)
8.700-219.0	074809	Repair Kit - S211-3/8" & 1/2" valves (Buna)
8.700-220.0	074810	Repair Kit - S211-3/4" valves (Buna)
8.700-221.0	074812	Repair Kit - S211-1-1/4", 1-1/2" & 2" valves (Buna)

Kip Solenoids



- Reliable over years of use
- Millions of cycles life not unusual
- All with FPT ports
- N/O = Normally Opened
- N/C = Normally Closed
- N/A= Not Adjustable
- C/A = Chemical Adjustment

Part No.	FPT	Voltage	Orifice ID
Stainless Steel			
8.708-846.0	260511**	N/C 1/4"	24 VAC N/A .062
8.708-847.0	260515**	N/O 1/4"	24 VAC N/A .062
8.708-849.0	260520	N/C 1/8"	24 VAC N/A .062
8.708-851.0	260525	N/C 1/4"	24 VAC C/A
8.708-852.0	260526*	N/C 1/4"	24 VAC C/A
8.708-853.0	260530	N/C 1/8"	24 VAC C/A
8.708-855.0	260534	N/C 1/4"	120 VAC N/A .093
8.708-856.0	260535	N/C 1/4"	24 VAC N/A .093
8.708-857.0	260536*	N/C 1/4"	120 VAC N/A .093
8.708-858.0	260537*	N/C 1/4"	24 VAC N/A .093

Brass Solenoid Valves – Kip			
8.708-863.0	260546*	N/C 1/8"	240 VAC N/A .062
8.708-864.0	260547*	N/C 1/8"	120 VAC N/A .062

Parts			
8.708-859.0	260538	Coil Only 120V	Wire Leads
8.708-860.0	260539	Coil Only 24V	Wire Leads
8.708-862.0	260542	Coil Only 24V	Spade Term
8.708-861.0	260541	Repair Kit N/C 1/4"	

* Conduit Body Style w/ wire leads
** Wire Leads

Solenoids w/ Built-In Strainer

For pressure lines and pressure systems only.

Brass Valves – Diaphragm Style



- Normally Closed valve operation
- Proven design features for reliable performance on all applications
- Rated to 200°F fluid & 120°F ambient
- Operates in any position, but do NOT mount valve with coil under valve

Part No.	Orig. No.	Dema No.	FPT	Orifice	PSI	Voltage
8.711-249.0	396115	442P	1/4"	.25	125	24 VAC
8.711-250.0	396116	442P	1/4"	.25	125	110 VAC
8.711-252.0	396119	443P	3/8"	.25	125	24 VAC
8.711-253.0	396120	443P	3/8"	.25	125	110 VAC

Celcon Plastic Valves

Super for strong chemicals.



- Diaphragm style with Y-Screen (S.S.)
- Molded coil CSA approved
- Compact design – 1/4" spade connects
- Normally Closed operation
- 125 PSI
- 180°F
- 1/4" FPT, 1/4" orifice

Part No.	Orig. No.	Dema No.	FPT	Orifice	PSI	Voltage
8.708-869.0	260560	P442	1/4"	.25	125	24 VAC
8.708-870.0	260561	P442	1/4"	.25	125	110 VAC
8.708-871.0	260562	P442	1/4"	.25	125	12 VAC
8.708-872.0	260566	P443	3/8"	.25	125	24 VAC
8.708-873.0	260567	P443	3/8"	.25	125	110 VAC
8.708-874.0	260568	P443	3/8"	.25	125	12 VDC

Erie Motortrol® Valve



- 3-way valve to switch hot & cold inlets to single outlet
- 1/2" MPT (all 3)
- 24 VAC

Part No.	Original No.	Description
8.708-879.0	260580	Motortrol Valve

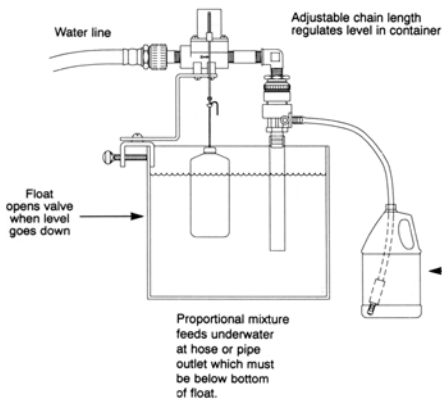


Aqua Master™ Model 440



Liquid level proportioning controls - automatically maintain drum level and chemical concentration. The Aqua Master automatically maintains a desired level of proportioned mixture in a drum, tank or other type reservoir. Magnetically activated “snap acting” float valves provide full water flow to activate the chemical proportioners. There are two basic sizes to give a choice of water flows as shown in the table below. Chemical feed rate is adjusted by metering screw or threaded metering tips. The compact 440 float valve is made of Celcon® plastic and is easily accessible for field maintenance.

Liquid level proportioning controls are available in two flow capacities, 4 and 22 GPM at 50 PSI. Either size can be used with or without a proportioner. The proportioner allows chemical to be inducted while the valve is open. All models, except as noted, are equipped with siphon breakers to prevent backflow into the fresh water line. The proportioner discharge is provided with means for attaching a hose or piece of pipe for under water feeding to minimize sudsing.



Model	Description	Capacity
440-23BT	Proportioning Valve, 4 GPM Flow at 50 PSI, Medium Capacity	12*
440-23T	Proportioning Valve, 4 GPM Flow at 50 PSI, High Capacity	35*
440-24	Proportioning Valve, 4 GPM Flow at 50 PSI, Highest Capacity	70*
437-21	Proportioning Valve, 22 GPM Flow at 50 PSI, Medium Capacity	10*

*Oz / Gal of 1 CPS Fluid (ie, Viscosity of Water)

Part No.	Original No.	Description
8.710-525.0	360382	440-23BT
8.710-524.0	360381	440-23T
8.710-526.0	360383	440-24
8.710-532.0	360397	437-21
8.710-534.0	360399	Optional Tips

Proportioners

Designed to blend liquid chemical concentrates with water (flowing at normal city water pressure) to create an accurate mix of diluted chemicals. Complete with metering orifice set and/or metering adjustment valve.



Model	Description	Capacity
MAX BLEND RATE = Oz Chem Per Gal Water		
MODEL No.	1 CPS	75 CPS 220 CPS
162	24	14 6
163H*	64	30 14

*High concentration chemical blender

1 CPS = Viscosity of Water
 75 CPS = Viscosity of SAE 10 oil
 220 CPS = Viscosity of SAE 30 oil

Part No.	Original No.	Description
8.710-530.0	360393	#162 Drum Mount with Proportioner
8.710-529.0	360392	#163H High Concentrate Proportioner Low Side
8.700-226.0	074903	Polypropylene Foot Valve
8.710-534.0	360399	Optional Tips

Hypro Roller Pumps



Ideal for Farm Sprayers, Pest Control and Chemical Application Usage.



- Housings available in Cast Iron, Ni-Resist or Silver Series
- Self priming operation; Roller pumps should not be run dry
- Adaptable to PTO's or Gas Engines
- Standard seals are Viton or Buna
- Standard super rollers provide the chemical resistance of Nylon and long life of Polypropylene
- Rotation is determined by looking at shaft end of pump
- Counter clockwise is standard on all except 4001 and 4101 Series
- Maximum fluid temperature is 140°

Part No.	Original No.	Model No.	Housing	Rotation	Shaft dia	No. of Rollers	Seals
8.702-278.0	100814	4001C	CI	CW	5/8"	4	V
8.702-281.0	100817	4101C	CI	CW	5/8"	4	V
8.702-259.0	100778	4101N	N	CW	5/8"	4	V
8.702-280.0	100815	4001XL	SL	CW	5/8"	4	V
8.702-261.0	100784	6500C	CI	CCW	5/8"	6	V
8.702-263.0	100784R	6500C-R	CI	CW	5/8"	6	V
8.702-262.0	100784N	6500N	N	CCW	5/8"	6	V
8.702-264.0	100784X	6500XL-R	SL	CW	5/8"	6	V
8.702-282.0	100819	7560C	CI	CCW	15/16"	8	V
8.702-283.0	100819R	7560C-R	CI	CW	15/16"	8	V
8.702-286.0	100823R	7560N-R	N	CW	15/16"	8	V
8.700-082.0	069665	Shaft Adapter (5/8" to 3/4")					

NOTE CI = Cast Iron, N = Ni-Resist, SL = Silver Last

Performance Tables



Series 4001

- Max psi 150
- Max GPM 9
- Max RPM 1800

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	HP
50	4.4	.24	5.9	.32	8.0	0.46
100	3.8	.41	5.3	.56	7.3	0.78
125	3.5	.50	5.0	.68	7.0	0.95
150	3.3	.62	4.8	.78	6.7	1.10

Series 4101

- Max psi 150
- Max GPM 7
- Max RPM 2600

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	HP
50	4.5	.34	5.60	.40	6.6	0.46
100	3.9	.56	5.00	.68	6.0	0.76
125	3.7	.68	0.82	.82	5.7	0.92
150	3.4	.78	4.40	.96	5.4	1.08

Series 6500

- Max psi 300
- Max GPM 18.2
- Max RPM 1000

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	HP
50	8.0	0.38	16.5	0.71	20.1	0.90
100	7.2	0.68	15.4	1.26	19.1	1.51
200	5.6	1.29	14.0	2.34	17.3	2.84
300	4.3	1.91	12.7	3.47	15.7	4.17

Series 7560

- Max psi 300
- Max GPM 22.5
- Max RPM 1000

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	HP
50	11.1	0.74	17.5	1.26	22.0	1.78
100	10.3	1.25	16.9	1.95	21.3	2.53
200	8.6	2.26	15.5	3.40	20.0	4.20
300	7.1	3.30	18.9	5.30	18.0	6.10

Twin Diaphragm Spot Spray Pump



Specifications:

- 1 GPM (open)
- 35 PSI (#8 tip)
- 3/8" hose barb inlet/outlet
- Self-priming to 2.5 feet
- Operating temperature 40° - 110°F
- Liquid temperature 110°F max
- 5 Amp fuse
- 1.3 lbs dry weight

Features:

- Compact automatic on-demand operation
- SEALED pressure switch automatically stops pump when discharge valve opens & closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods without damage
- Built-in thermal protection on 12VDC motor
- Low Amp draw (2.5 @ 25 PSI, 4.0 @ 35 PSI)
- Chemical-resistant valves & diaphragm

Part No.	Original No.	Description	Open Flow	Max PSI	Power
8.702-326.0	100880	Spot Spray Pump	1.0	35	12 VDC

Flojet Diaphragm Pump

FLOJET



Built in pressure switch automatically starts and stops pump instantaneously.

- Can run dry without damage
- Excellent Self Priming Capability
- Low current draw

Part No.	Original No.	Flojet Model No.	Power	Max Flow	Max PSI	Ports	Diaphragm*	Valves*
8.702-325.0	100879	2135-561	12V DC	1.48	60	3/8" FPT	B	V
8.702-328.0	100884	4300-142A	12V DC	3.30	40	1/2" Barb	S	E
8.702-312.0	100863	2100-032	115V	1.85	50	3/8" FPT	S	S
8.702-337.0	100895	2100-022A	115V	1.85	50	3/8" FPT	V	V
8.702-331.0	100888	4300-042	115V	3.70	35	1/2" Barb	S	E
8.702-329.0	100884A	4300-043A	115V	4.70	35	1/2" Barb	S	E

* B = BUNA V = Viton E = EPDM S = Santoprene
 NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

Diaphragm Pump Units

SHURflo
A WOOD GROUP COMPANY

1.00 - 3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

NOTE: Flow is reduced as pressure is increased (i.e. 100850 pumps 1.12 GPM @ 60 psi) Automatic demand control on/off.

- Chemical resistant materials
- Self priming
- Automatic demand pressure switch or internal bypass
- Can run dry without damage
- Low Amp draw



Part No.	Original No.	Surflo Model No.	Power	Max Flow	Max PSI	Ports	Diaphragm*	Valves*
8.702-294.0	100841	8000-541-236	Demand	12V DC	1.0	60	3/8" FPT	S V
8.702-304.0	100854	8000-343-236	Demand	12V DC	1.2	60	3/8" FPT	V V
8.702-300.0	100850	8000-543-236	Demand	12V DC	1.4	60	3/8" FPT	S V
8.702-296.0	100844	8000-543-238	Demand	12V DC	1.4	100	3/8" FPT	S V
8.702-335.0	100893	8030-813-239	Demand	12V DC	1.5	150	3/8" FPT	S V
8.702-302.0	100852	8002-793-238	Demand	12V DC	1.7	100	3/8" FPT	S E
8.702-311.0	100862	8000-532-256	Demand	115V	1.0	60	3/8" FPT	S V
8.702-307.0	100857	8000-033-236	Demand	115V	1.0	60	3/8" FPT	V V
8.702-306.0	100856	8000-533-236	Demand	115V	1.4	60	3/8" FPT	S V
8.702-334.0	100892	8000-812-288	Bypass	115V	1.4	100	3/8" FPT	S V
8.702-308.0	100858	8000-813-238	Demand	115V	1.6	100	3/8" FPT	S V
8.702-338.0	100896	8000-713-238	Demand	115V	1.6	100	3/8" FPT	S E

2088 Premium Series - self primes up to 12 foot - Built in Back Check

8.702-305.0	100855	2088-343-135	Demand	12V DC	3.0	50	1/2"-14M	S V
8.702-303.0	100853	2088-313-145	Demand	12V DC	3.6	50	1/2"-14M	S V
8.702-301.0	100851	2088-712-244	Demand	12V DC	3.8	50	1/2"-14M	S E
8.702-310.0	100861	2088-394-154	Demand	115V	3.2	40	1/2"-14M	S V

4111 - Double Head

8.702-339.0	100899	4111-035	Demand	12V	7.0	50	1/2"-14M	S V
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166 - Air Drive

8.702-317.0	100870	166-200-56	Demand	AIR	2.0	60	3/8" Barb	E E
8.702-318.0	100871	166-200-36	Demand	AIR	2.0	60	3/8" Barb	V V

*S = Santoprene V = Viton E = EPDM
 NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

Industrial Chemical Sprayer

Excellent pre-prep chemical applicator. Trigger control, demand flow, wall mount cabinet, enclosed pump unit pulls chemical from a bulk tank and delivers it through 100' lightweight hose for low pressure stream/cone or mist application. Operator simply squeezes trigger for instant application.



- Diaphragm pump units
- 60 psi pressure
- Choice of 12V DC or 110V AC
- 100 foot hose
- Adjustable nozzle for cone mist to straight stream
- Durable Santoprene & Viton wetted parts

Part No.	Original No.	Description	Motor	PSI	GPM
Wall Mount / Cabinet Sprayer					
8.906-090.0	810020	Chem Applicator	115V AC	60	1.15
8.906-089.0	810010	Chem Applicator	12V DC	60	1.02

NOTE: These Units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

910 Spot Spray Gun Assembly

High pressure trigger gun adapted to spot spray application.



- Durable & comfortable
- 12" plated steel lance
- 1/4" hose barb inlet
- #2 blue adjustable nozzle

Part No.	Original No.	Description
8.904-088.0	352940	910 Spot Spray Gun Assembly

Trigger Control Spray Lances

Excellent for low pressure chemical applications up to 150 psi. Available in either plastic or brass lance tube. Works well with neutral, alkaline or mild acid solutions.



- Steel trigger & service wrench
- Plastic valve body
- Brass needle plunger
- Filter screen in nozzle housing
- Standard 11/16" outlet thread for standard low pressure nozzle
- Cone nozzle adjusts 0 - 80°
- Accepts the adjustable cone nozzles or standard tip-jet nozzles (11/16 nozzle thread)
- 24" lance – brass or plastic
- **Best Buy**

Part No.	Original No.	Description
Trigger Lance		
8.902-777.0	266606	Brass w/o nozzle
8.902-778.0	266607	Plastic w/o nozzle
8.708-977.0	266603	Plastic w/ red nozzle
8.708-978.0	266610	Brass w/ red nozzle (below)
8.700-493.0	076700	Needle Valve and Seal Kit

Part No.	Original No.	Description	80° Straight	Cone
Adjustable Nozzle – GPM @ 40 psi / Adjust 0 - 80°				
8.708-979.0	266611	#1 Yellow	.316	.156
8.708-980.0	266612	#2 Red	.545	.204
8.708-981.0	266613	#3 Blue	.720	.250

Trigger Valves

Versatile hand-held trigger valves for chemical or water flow control.



- 1/2" FPT inlet/outlet
- Lock-on trigger loop
- 18.5 GPM
- 700 PSI

Part No.	Original No.	Description
Aluminum Body – SS/ BR Valve		
8.708-982.0	266652	Trigger Valve - Viton
Plastic body – SS/ BR Valve		
8.708-983.0	266658	Trigger Valve - Viton
8.708-984.0	266659	Trigger Valve - Buna

Spraymax Trigger Gun

For Your Pest Control Customers.



- 1000 PSI
- 200° temperature
- Compare To JD-9, Mag-1, Robco, & Ges
- Adjusts from fine mist to straight stream
- Drip-free shutoff
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip

Part No.	Original No.	Description
8.708-995.0	266693	With 1/2" Inlet
8.902-783.0	266693X	With 3/4" Garden Hose Inlet
8.709-028.0	268047	Repair kit

Trigger Jet Spray Lances

Low pressure chemical application lance will tolerate mild acid solutions.



- Diaphragm shut off valve
- Hand grip trigger control
- Plastic lance tube resistant to acids and agricultural chemicals
- 150 PSI
- Excellent for mild acids or alkali chemicals
- Polypropylene body EPDM seals STD
- 11/16" - nozzle connect outlet

Part No.	Original No.	Description
Trigger Lance		
8.709-182.0	302250V	24" 1/4" FPT inlet, Viton
8.709-183.0	302251	24" 1/4" HB inlet, EPDM
8.709-184.0	302252V	3/8" Hose Barb, Viton
Trigger Value Only		
8.709-185.0	302254V	3/8" HB Inlet/ 11/16" Outlet, Viton
8.709-186.0	302255V	1/4" HB Inlet/ 11/16" Outlet, Viton
8.709-187.0	302256V	1/4" FPT Inlet/ 11/16" Outlet, Viton
Parts & Accessories – Trigger Jet Lance		
8.709-188.0	302258	Adapter, 11/16" x 11/16" PP
8.709-189.0	302259	24" Lance Tube only
8.709-190.0	302260	24" Lance Tube w/ Seals & Fittings
Trigger Jet Nozzles* – Polypropylene adjust from 0° to 60° Cone		
8.709-192.0	302263	Yellow Core(x 3), .23 GPM/ 60 psi
8.709-193.0	302265	Green Core (x 5), .37 GPM/ 60 psi
8.709-194.0	302266	Red Core (x 6), .45 GPM/ 60 psi
8.709-195.0	302268	Gray Core (x 8), .57 GPM/ 60 psi
8.709-196.0	302272	Brown Core (x 12), .84 GPM/ 60 psi
8.709-197.0	302274	Orange Core (x 18), 1.2 GPM/ 60 psi

Turbine Series Guns

Forged brass housings — Stainless steel lances — Mist cone to straight stream adjustment — On/Off control — Lock-on trigger — 1/2" MPT inlet Viton seals — Up to 1200 psi at 140° Fahrenheit.



- 1200 PSI
- 1/2" BSP male inlet
- Weighs only 4 lbs
- Standard 15 x 1 LRT (4.5mm)
- 62 ft reach, straight stream @ 850 PSI
- 31.5 ft reach, full cone @ 850 PSI

Part No.	Original No.	Description	Length
8.708-990.0	266680	Long Range Turbine	27-1/2"
8.708-989.0	266676	Turbine	26-1/2"

15 x 1 Long Range Tip - Stainless Steel

Best Used with Long Range Turbine Gun.



- 15 x 1 long range tip
- SS body
- 850 psi
- 24.4 GPM
- 77 ft max throw range

Original No.	Part No.	Orifice Dia (mm)	Original No.	Part No.	Orifice Dia (mm)
8.708-998.0	266706	3.5	8.709-001.0	266709	5.0
8.708-999.0	266707	4.0	8.709-002.0	266710	5.5
8.709-000.0	266708	4.5	8.709-003.0	266711	6.0
			8.709-004.0	266712	7.0

Low Flow Brass Pressure Regulator



- For sprayers pumping up to 5 GPM
- Durable & strong brass construction
- Stainless steel spring
- Positive Viton seal to prevent leakage
- Knurled locknut for easy adjustment
- 1/2" MPT inlet
- 1/2" FPT outlet
- 120°F temperature
- 10.3 oz weight

Part No.	Original No.	Description
8.712-553.0	462207	200 - 650 psi
8.712-554.0	462208	0 - 300 psi

Brass Pressure Regulator

Durable and Strong.



- For sprayers pumping up to 15 GPM
- Adjustable pressure ranges
- Stainless steel spring
- Tee-handle adjustment screw
- 3/4" MPT inlet
- Knurled locknut for ease of locking in adjustment
- 3/4" FPT outlet
- 120°F temperature
- 10.3 oz weight

Part No.	Original No.	Description
8.712-557.0	462217	0 - 300 psi
8.712-558.0	462218	300 - 700 psi

Heavy-Duty Swivels

Live swivels help prevent twisted and tangled hose.



266701

266700

- Brass body & SS bolt
- Viton seals
- 600 PSI
- 1/2" MPT inlet & 1/2" outlet

Part No.	Original No.	Description
8.708-996.0	266700	Swivel 1/2" M x F
8.708-997.0	266701	Swivel 1/2" M x 3/4" FGH

Nylon Pressure Regulator

Maximum Corrosion Resistance.



- Built to handle up to 15 GPM
- Stainless steel spring
- Positive Viton seal prevents leakage & provides the best chemical resistance
- Knurled locknut for ease of locking in adjustment
- Tee-handle adjustment screw
- Choice of 1/2" or 3/4" inlet/outlet
- Male inlet/ female outlet
- 120°F temperature
- 4 oz weight

Part No.	Original No.	Inlet	Outlet	Adjustable Pressure Range
8.712-555.0	462212	1/2"	3/4"	0 - 250 psi
8.712-552.0	462202	3/4"	3/4"	0 - 250 psi
8.712-556.0	462213	3/4"	3/4"	0 - 400 psi

AG SPRAY ACCESSORIES

Bulkhead Fittings



- Black polypropylene
- Double threaded w/EPDM gasket
- Opening same size as outside diameter

Part No.		FPT	Hole Dia
8.705-336.0	141232	1/2"	1-5/8"
8.705-338.0	141234	3/4"	1-5/8"
8.705-144.0	140430	3/4"	1-3/4"
8.705-145.0	140432	1"	1-3/4"
8.705-339.0	141236	1"	2-1/2"
8.705-341.0	141238	1-1/4"	2-1/2"
8.705-342.0	141240	1-1/2"	2-1/2"
8.705-146.0	140434	1-1/2"	3"
8.705-147.0	140436	2"	3"
8.705-343.0	141242	2"	3-1/8"

Gaskets for Above

8.705-337.0	141233	Fits 1/2", 3/4"
8.705-340.0	141237	Fits 1", 1-1/4", 1-1/2"
8.705-344.0	141243	Fits 2"

Brass Bulkhead / Tank Fittings



- Use to drain or remove liquids from tanks, drums, etc.
- Heavy-duty brass
- Includes nut and aluminum grip washer

Part No.	Original No.	Overall Length	Mounting Hole Dia
8.705-139.0	140417	1/8" x 1.5"	5/8"
8.705-140.0	140419	1/4" x .94"	3/4"
8.705-141.0	140420	1/4" x 1.5"	3/4"
9.802-149.0	140421	3/8" x 1.3"	1"
9.802-150.0	140422	1/2" x 1.5"	1-1/8"

NOTE: Installation requires access to inside of tank.

Diaphragm Check Valves - Nylon

For drip free spraying.



- 125 PSI
- 2 GPM
- Nylon body, polypropylene end cap - EPDM - diaphragm
- 10 PSI opening pressure
- 1/4" MPT inlet, 11/16" - 16 male outlet nozzle thread
- Spring-backed diaphragm for positive action

Part No.	Original No.	Description
8.709-377.0	310851	Diaphragm Check Valves

Plastic Fittings

For Water and Chemical Supply Lines. Ideal for use with most alkaline-based detergents, most agricultural chemicals, ethanol, and most ammonium and sodium-based compounds

- 150 PSI
- 140°F max @ 90 PSI
- 90°F max @ 150 PSI

DO NOT USE ... Polypropylene for: Gasoline, Nitric Acid, Trichlorethylene, Toluene, Aromatic Hydrocarbons or Kerosene. Polypropylene "P" - Black/ Glass Reinforced

DO NOT USE ... Nylon for: Hydrochloric Acid, Chlorine, Fluorine, Nitric, Xylene or Phosphoric or Sulfuric Acids. Nylon 6/6 "N" White/Natural color

Part No. Poly	Orig No. Poly	Part No. Nylon	Orig No. Nylon	Barb x MPT
Hose Barbs - Barb x MPT				
8.705-262.0	141077P	8.705-277.0	141102N	1/4" x 1/4"
8.705-263.0	141078P	8.705-278.0	141103N	3/8" x 1/4"
8.705-264.0	141080P	8.705-280.0	141105N	1/4" x 3/8"
8.705-265.0	141081P	8.705-281.0	141106N	3/8" x 3/8"
8.705-268.0	141084P	8.705-282.0	141107N	1/2" x 3/8"
		8.705-284.0	141110N	3/8" x 1/2"
		8.705-285.0	141111N	1/2" x 1/2"
		8.705-288.0	141117N	1/2" x 3/4"
		8.705-283.0	141108N	5/8" x 3/8"
8.705-270.0	141086P	8.705-286.0	141112N	5/8" x 1/2"
		8.705-289.0	141118N	5/8" x 3/4"
		8.705-287.0	141113N	3/4" x 1/2"
		8.705-290.0	141119N	3/4" x 3/4"
		8.705-291.0	141120N	1" x 3/4"
90° Barb x MPT Elbows				
8.705-293.0	141125P			1/4" x 1/4"
8.705-294.0	141126P			3/8" x 1/4"
8.705-295.0	141127P			1/2" x 1/4"
8.705-296.0	141130P			1/4" x 3/8"
8.705-298.0	141131P	8.705-297.0	141131N	3/8" x 3/8"
8.705-301.0	141136P	8.705-300.0	141136N	3/8" x 1/2"
8.705-299.0	141132P			1/2" x 3/8"
8.705-303.0	141137P	8.705-302.0	141137N	1/2" x 1/2"
8.705-304.0	141138P			5/8" x 1/2"
8.705-305.0	141139P			3/4" x 1/2"
8.705-307.0	141141P	8.705-306.0	141141N	1/2" x 3/4"
8.705-308.0	141142P			5/8" x 3/4"
8.705-310.0	141143P	8.705-309.0	141143N	3/4" x 3/4"
HEX Nipple - MPT x MPT				
8.705-316.0	141184P			1/4" x 1/4"
8.705-317.0	141185P			3/8" x 3/8"
8.705-319.0	141186P	8.705-318.0	141186N	1/2" x 1/2"
8.705-321.0	141187P	8.705-320.0	141187N	3/4" x 3/4"
		8.705-324.0	141191N	1/2" x 1/4"
8.705-323.0	141190P	8.705-322.0	141190N	1/2" x 3/8"
8.705-326.0	141193P			3/4" x 1/2"
Elbows - Barb x Barb				
8.705-335.0	141216P			3/8" x 3/8"
Tees Barb x Barb x Barb				
		8.705-327.0	141202N	1/4" BxBxB
		8.705-328.0	141205N	3/8" BxBxB
8.705-329.0	141207P			1/2" BxBxB
8.705-332.0	141215P			3/4" BxBxB
		8.705-334.0	141216N	3/4" BxBxB
"Push-On" Hose Barbs - (Normally does not require clamps)				
		8.705-346.0	141305N	1/4" Bx1/4" FPT

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Notes

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Notes

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