

The HOTSY Pump - Engineered for durability and performance. Provides 3 times longer seal life.



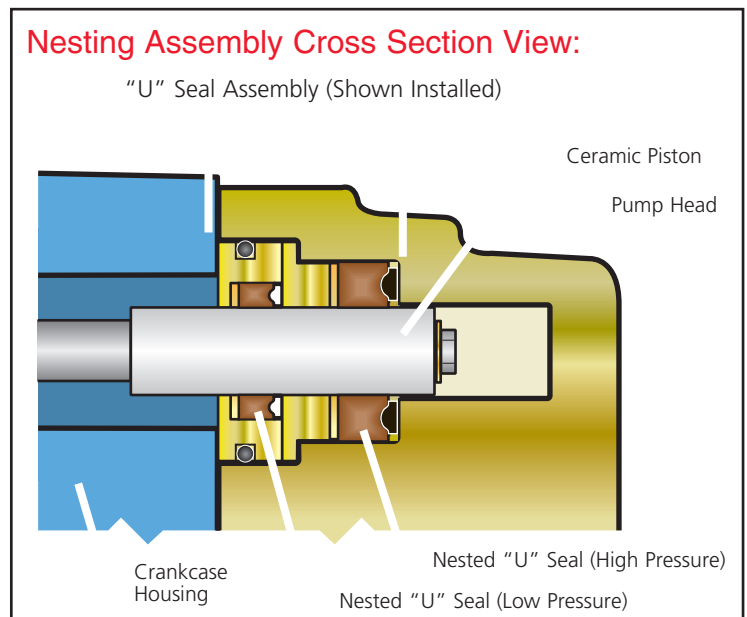
Hotsy Pumps featuring NESTechnology™

What is NESTechnology™? It stands for Nested Seal Technology, where the pump actually “nests” the seals of the pump’s high-pressure packing assembly in place, supporting the side walls, and resulting in greatly increased seal life.

The unique technology of the nesting assembly includes new high and low-pressure U-shaped seals surrounded by thicker brass pressure rings. This provides better wall support while withstanding higher water temperatures. This results in Hotsy pumps having **3 times the seal life** over similar pumps in the industry.

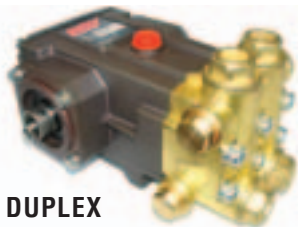
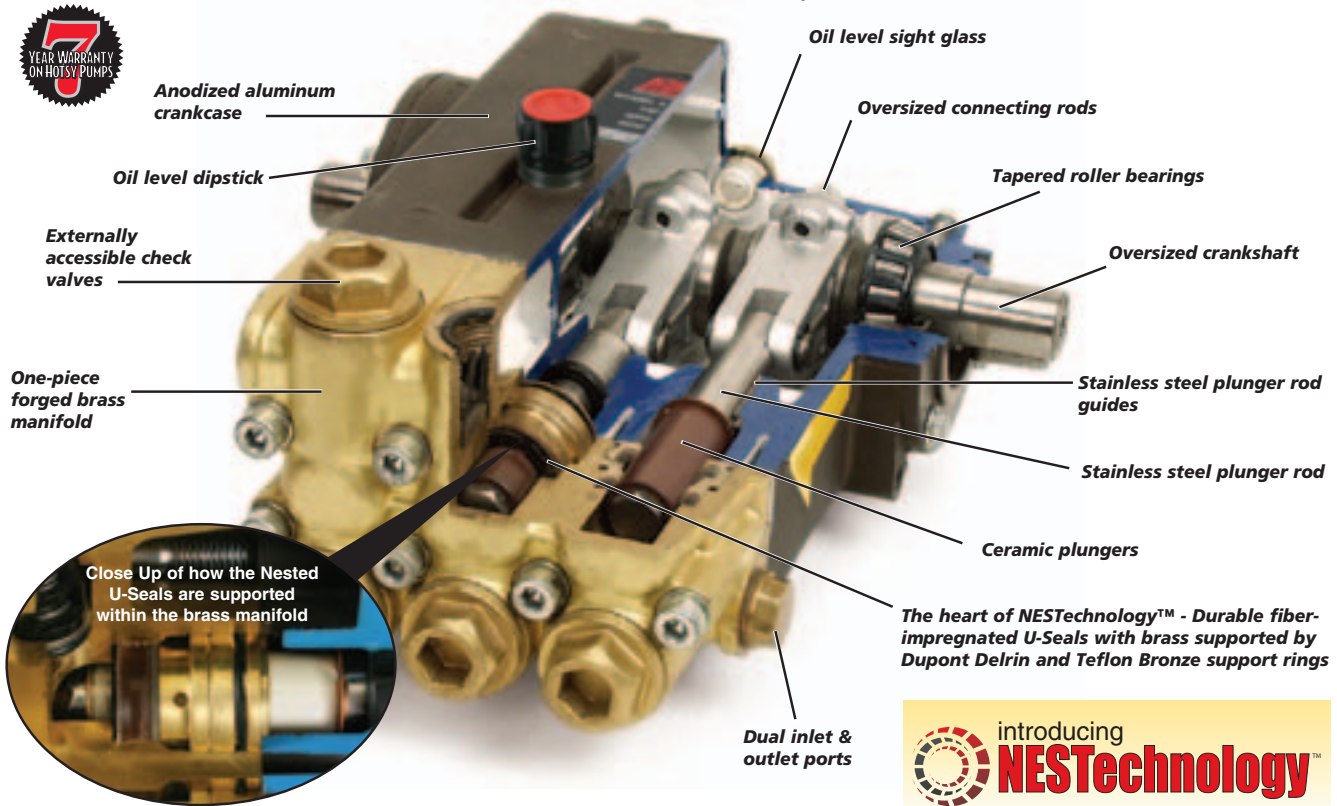
- Extended time between seal replacement, greatly reducing maintenance costs.
- Teflon bronze rings support the U-Seal to prevent premature wear and loss of pressure.
- The low-pressure U-Seal has a unique double lip to provide for greater suction and less chance of water leakage.
- Increased wall thickness of the brass pressure rings resist cracking and provide a solid foundation for the seals.
- The nesting assembly is stronger and holds up better to spikes in water pressure, which occur every time the gun is triggered.
- Existing Hotsy pumps can be upgraded to utilize NESTechnology’s unique nesting assembly. All parts are interchangeable, and fit within the brass manifold.
- Seals are rated for temperatures up to 185°F.

Seals are a wear item in a pump because of the intense pressure they are subjected to. Hotsy’s nested seal technology holds up better, and has improved the seal life by changing the geometry of the packing assembly and providing greater support to the seals. The end result is a high-performance pump with extended service life.



The Hotsy Pump's rugged design features many benefits:

- Four frame sizes: one duplex, and three triplex sizes - small, medium, large
- Externally accessible check valves
- Two inlet and discharge ports facilitate system installation
- Anodized aluminum crankcase with cooling fins for heat dissipation
- Polished ceramic plungers reduce seal wear
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- Oversized crankshaft and connecting rods
- Heavy-duty roller bearings or heavy-duty tapered roller bearings
- Internally-ported, self-lubricating seals
- Pumps available for pulley, direct or gear-reducer drive
- 7-year warranty on the oil-end of the pump, and a lifetime warranty on the manifold



DUPLEX SERIES: Direct Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-909.0	HHC165L.1	2.2	1500	2.3	1725	5/8" Hollow
8.904-915.0	HHC165R.1	2.2	1500	2.3	1725	5/8" Hollow
8.715-243.0	HHC168R.1	2.2	1500	2.3	1725	5/8" Hollow



ST SERIES: Direct Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-911.0	HHC205L.1	2.7	1750	2.4	1725	18mm
8.715-253.0	HHC215R.1	2.8	1600	2.9	1725	18mm
8.715-241.0	HHC235R.1	3.0	1500	3.1	1725	5/8" Hollow - C-Face
8.904-920.0	HHC240.1	3.5	1750	4.1	1725	5/8" Hollow
8.715-254.0	HHC280.1	4.4	1750	9.1	1725	5/8" Hollow



HS.3 SERIES: Direct Drive

Part No.	Model	GPM	PSI	HP	RPM	Shaft
8.751-182.0	HS3040G.3	3.0	4000	11.5	3400	1" Hollow
8.751-183.0	HS3540G.3	3.5	4000	13.5	3400	1" Hollow
8.751-184.0	HS4040G.3	4.0	4000	15.4	3400	1" Hollow
8.751-185.0	HS5030G.3	5.0	3000	15.4	3400	1" Hollow

HOTSYS Pumps (continued)



MT-2

NEW

MT-2 SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.750-745.0	HH306R.2	4.0	3000	8.2	1200	24mm
8.750-746.0	HH406R.2	4.7	3000	9.8	1200	24mm
8.750-747.0	HH456R.2	3.8	3000	7.8	1725	24mm
8.750-748.0	HH466R.2	4.0	3000	8.2	1725	24mm
8.750-749.0	HH506R.2	4.7	3000	9.8	1725	24mm



SST

SST SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-908.0	HHC340R.1	4.0	2000	5.5	1740	24mm
8.715-267.0	HHS340R.1	4.0	2500	4.6	3400	24mm
8.715-262.0	HHS330R.1	3.2	2500	5.7	3400	24mm



HM.2

HM.2 SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-731.0	HMC3540R.2	3.5	4000	9.5	1850	24mm Right
8.904-734.0	HM4035R.2	4.8	3500	11.5	1500	24mm Right



HM.3

NEW

HM.3 SERIES: Belt Drive

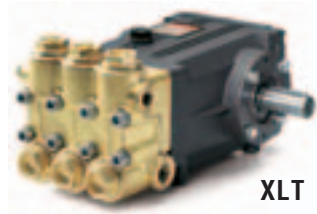
Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.751-179.0	HMC3540R.3	3.5	4000	9.5	1850	24mm Right
8.751-180.0	HM4035R.3	4.8	3500	11.5	1500	24mm Right
8.751-181.0	HM4035L.3	4.8	3500	11.5	1500	24mm Left



LT

LT SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.715-252.0	HH450.1	4.7	3000	9.8	1200	25mm Double
8.904-918.0	HH500.1	5.8	3000	11.9	1200	25mm Double
8.715-246.0	HHC650L.1	6.1	3000	12.5	1725	25mm Left
8.904-921.0	HHC600.1	5.0	3000	10.25	1725	25mm Double
8.904-926.0	HH650HR.1	6.0	3000	12.3	1100	25mm Right



XLT

XLT SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.715-242.0	HHC930R.1	5.7	4350	14.8	1725	25mm Right
8.715-261.0	HHC940R.1	8.0	3000	16.5	1725	25mm Right
8.715-247.0	HC940L.1	8.0	3000	16.5	1725	25mm Double
8.715-272.0	HHC950L.1	9.3	3000	19.1	1725	25mm Left
8.715-264.0	HHC950R.1	9.3	3000	19.1	1725	25mm Right



MT

MT SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.715-269.0	HH306	4.0	3000	8.2	1200	22mm Right
8.715-265.0	HH406	4.7	3000	9.9	1200	22mm Right
8.715-238.0	HHC456	3.8	3000	8.2	1725	22mm Right
8.904-923.0	HHC466	4.0	3000	8.2	1725	22mm Right
8.715-257.0	HHC466	4.0	3000	8.2	1725	22mm Left
8.715-271.0	HHC506	4.7	3000	9.9	1725	22mm Right

HOTSY Pumps (continued)



HD.1

HD.1 SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.725-168.0	HD3025.1	3.0	2500	5.1	1180	24mm
8.904-730.0	HD3030.1	3.0	3000	6.2	1650	24mm
8.916-561.0	HD4020.1	4.0	2000	5.5	1550	24mm



HH 5050

HH 5050 SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.749-519.0	HHS5050R	5.0	5000	17.2	1650	25mm Right
8.904-742.0	HHS5050L	5.0	5000	17.2	1650	25mm Left



HX 8030.1

HX 8030.1 SERIES: Belt Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-743.0	HX8030R.1	8.0	3000	16.5	1460	25mm Right
8.904-744.0	HX8030L.1	8.0	3000	16.5	1460	25mm Left
8.904-747.0	HX1025R.1	10.6	2500	18.2	1725	25mm Right
8.904-746.0	HX1025L.1	10.6	2500	18.2	1725	25mm Left



HG.1.1

HG.1.1 SERIES: Direct Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-748.0	HG2530G.1	2.5	3000	7.2	3400	3/4" Hollow
8.904-750.0	HG3030G.1	3.0	3000	8.6	3400	3/4" Hollow
8.904-752.0	HG3035G1.1	3.0	3500	10.1	3400	1" Hollow
8.916-562.0	HG3535G1.1	3.5	3500	11.7	3400	1" Hollow
8.916-563.0	HG4030G1.1	4.0	3000	11.5	3400	1" Hollow



HS.2

HS.2 SERIES: Direct Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-753.0	HS3040G.2	3.0	4000	8.2	3400	1" Hollow
8.904-754.0	HS3540G.2	3.5	4000	9.6	3400	1" Hollow
8.904-755.0	HS4040G.2	4.0	4000	11.0	3400	1" Hollow
8.904-756.0	HS5030G.2	5.0	4000	13.7	3400	1" Hollow



HHS335CR

HHS335CR SERIES: Direct Drive

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.715-268.0	HHS335CR.1	3.0	2500	5.1	3600	3/4" Hollow



HE.1

Part No.	Model/Orig. No.	GPM	PSI	HP	RPM	Shaft
8.904-722.0	HE2020F.1	2.0	2000	2.9	3450	5/8" Hollow
8.904-724.0	HE2020S.1	2.0	2000	2.9	1725	5/8" Hollow
8.916-564.0	HE2825F.1	2.8	2500	4.8	3400	5/8" Hollow
8.904-727.0	HE2825S.1	2.8	2500	4.8	1725	5/8" Hollow
8.725-167.0	HE3525F.1	3.5	2500	6	3400	3/4" Hollow

HOTSY Pump Repair Kit Selection Chart



Use the selection chart below to find the correct repair kits for the specific Hotsy Pump Model.

Pump Model	Seal Type	Seal Kit (qty / pump)	Complete Seal Kit (qty / pump)	Valve Kit (qty / pump)	Plunger Oil Seal Kit (qty / pump)	Ceramic Sleeve (qty / pump)
H300	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H300A	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H300R	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H400	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H400A	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H400R	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
H450	U	8.916-488.0 (1)	8.725-404.0 (3)	877648 (6)	877653 (1)	877651 (3)
H500	U	8.916-487.0 (1)	8.725-405.0 (3)	877648 (6)	877653 (1)	877659 (3)
H600	U	8.725-364.0 (1)	8.725-401.0 (3)	877648 (6)	877653 (1)	877652 (3)
H700	U	8.725-364.0 (1)	8.725-401.0 (3)	877648 (6)	877653 (1)	877652 (3)
HC165	U	8.725-362.0 (1)	8.725-408.0 (2)	877648 (4)	877687 (1)	877684 (2)
HC165R	U	8.725-362.0 (1)	8.725-408.0 (2)	877648 (4)	877687 (1)	877684 (2)
HC168R	U	8.717-623.0 (1)	8.717-671.0 (2)	877648 (4)	877687 (1)	877684 (2)
HC205AL	U	8.725-360.0 (1)	8.725-415.0 (3)	877648 (6)	877653 (1)	877674 (3)
HC215	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877653 (1)	877656 (3)
HC235	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877653 (1)	877656 (3)
HC240	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877653 (1)	877656 (3)
HC240A	U	8.725-360.0 (1)	8.725-415.0 (3)	877648 (6)	877653 (1)	877674 (3)
HC280	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877653 (1)	877656 (3)
HC340R	U	8.725-360.0 (1)	8.725-418.0 (3)	753039 (6)	877655 (1)	753107 (3)
HC450	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC450A	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC450R	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC460AL	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC460AR	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC460L	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC460R	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC500	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC500A	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC500R	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HC600	U	8.916-488.0 (1)	8.725-404.0 (3)	877648 (6)	877653 (1)	877651 (3)
HC800	U	8.725-364.0 (1)	8.725-401.0 (3)	877648 (6)	877653 (1)	877652 (3)
HC930R	U	8.916-488.0 (1)	8.725-404.0 (3)	753110 (6)	877653 (1)	877651 (3)
HC940R	U	8.916-487.0 (1)	8.725-405.0 (3)	753069 (6)	877653 (1)	877659 (3)
HC950R	U	8.725-364.0 (1)	8.725-401.0 (3)	753069 (6)	877653 (1)	877652 (3)
HD3025	U	8.725-356.0 (1)	8.725-357.0 (3)	70-260028 (1)	70-260826 (1)	753107 (3)
HD3030H	U	9.804-076.0 (1)	9.804-077.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HD4020	U	8.725-356.0 (1)	8.725-357.0 (3)	70-260028 (1)	70-260826 (1)	753107 (3)
HE2020F	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HE2020S	U	8.725-356.0 (1)	8.725-357.0 (3)	70-260028 (1)	70-260826 (1)	753107 (3)
HE2825F	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HE2825S	U	8.725-356.0 (1)	8.725-357.0 (3)	70-260028 (1)	70-260826 (1)	753107 (3)
HE3525F	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HG2530G	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HG3030G	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HG3035G	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HG3535G	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HG4030G	U	8.725-354.0 (1)	8.725-355.0 (3)	70-260028 (1)	70-260826 (1)	753040 (3)
HH5050	U	9.804-492.0 (1)	9.804-493.0 (3)	70-260018 (1)	70-260023 (1)	70-261217 (3)
HHC300AR	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HHC500AR	U	8.725-362.0 (1)	8.725-407.0 (3)	877648 (6)	877655 (1)	877656 (3)
HHC950AR	U	8.725-364.0 (1)	8.725-401.0 (3)	753069 (6)	877653 (1)	877652 (3)
HHS335CR	U	8.725-358.0 (1)	8.725-417.0 (3)	753039 (6)	877655 (1)	753040 (3)
HM3540	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	70-260027 (1)	70-260823 (3)
HM4035	U	8.725-360.0 (1)	8.725-361.0 (3)	70-260007 (1)	70-260027 (1)	70-261217 (3)
HS3040G	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	70-260027 (1)	70-260823 (3)
HS330R	U	8.725-358.0 (1)	8.725-417.0 (3)	753039 (6)	877655 (1)	753040 (3)
HS335R	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	877655 (1)	70-260823 (3)
HS340R	U	8.725-358.0 (1)	8.725-417.0 (3)	753039 (6)	877655 (1)	753040 (3)
HS340R	U	8.717-646.0 (1)	8.717-647.0 (3)	753039 (6)	877655 (1)	753040 (3)
HS3540G	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	70-260027 (1)	70-260823 (3)
HS4040G	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	70-260027 (1)	70-260823 (3)
HS5030G	U	8.725-358.0 (1)	8.725-359.0 (3)	70-260007 (1)	70-260027 (1)	70-260823 (3)
HX1025L	U	8.725-364.0 (1)	8.725-365.0 (3)	70-260025 (1)	70-260023 (1)	70-260209 (3)
HX1025R	U	8.725-364.0 (1)	8.725-365.0 (3)	70-260025 (1)	70-260023 (1)	70-260209 (3)
HX5050L	U	9.804-492.0 (1)	9.804-493.0 (3)	70-260018 (1)	70-260023 (1)	70-261217 (3)
HX5050R	U	9.804-492.0 (1)	9.804-493.0 (3)	70-260018 (1)	70-260023 (1)	70-261217 (3)
HX8030L	U	8.725-364.0 (1)	8.725-365.0 (3)	70-260025 (1)	70-260023 (1)	70-260209 (3)
HX8030R	U	8.725-364.0 (1)	8.725-365.0 (3)	70-260025 (1)	70-260023 (1)	70-260209 (3)

PUMPS & PUMP KITS

HOTSYS Pump Seal Kits



Part No.	Kit Description
8.717-623.0	20mm 2 CYL
8.717-646.0	15mm 3 CYL
8.725-354.0	15mm
8.725-356.0	18mm
8.725-358.0	15mm 3 CYL
8.725-360.0	18mm 3 CYL
8.725-362.0	20mm 3 CYL
8.725-364.0	25mm 3 CYL
8.916-487.0	22mm 3 CYL
8.916-488.0	20mm 3 CYL
9.804-076.0	15mm Hot Water
9.804-492.0	18mm

Complete Seal Kits



Part No.	Kit Description
8.717-647.0	15mm 3 CYL
8.717-671.0	20mm 2 CYL
8.725-355.0	15mm
8.725-357.0	18mm
8.725-359.0	25mm
8.725-361.0	18mm
8.725-365.0	25mm
8.725-401.0	25mm 3 CYL
8.725-404.0	20mm 3 CYL
8.725-405.0	22mm 3 CYL
8.725-407.0	20mm 3 CYL
8.725-408.0	20mm 2 CYL
8.725-415.0	18mm 3 CYL
8.725-417.0	15mm 3 CYL
8.725-418.0	18mm 3 CYL
9.804-077.0	15mm Hot Water
9.804-493.0	18mm Hot Water

Ceramic Sleeve Kits



Part No.	Orig. No.	Kit Description
9.803-934.0	753040	15mm
9.803-935.0	753107	18mm
8.717-586.0	877651	20mm
9.802-614.0	877652	25mm
8.717-617.0	877656	20mm
8.717-601.0	877659	22mm
8.717-632.0	877674	18mm
8.717-670.0	877684	20mm
9.802-614.0	70-260209	25mm
8.933-023.0	70-260823	15mm
9.802-629.0	70-261217	18mm
8.751-023.0		15mm
8.751-238.0		20mm

Plunger Oil Seal Kits

Part No.	Original no.	Description
8.717-585.0	877653	H, HC Series - See Selection Chart
8.717-618.0	877655	H, HC, HS Series - See Selection Chart
8.717-587.0	877687	HC165, HC168 Series

Valve Kits



Part No.	Orig. No.	Kit Description
8.717-590.0	753039	HC340R,HHS335CR,HS330R, HS340R - Inc (1)
8.717-589.0	753069	HC940,HC 950, HHC950AR - Inc (1)
8.717-591.0	753110	HC930 Series - Inc (1)
8.717-584.0	877648	10mm - Inc (1)
9.802-603.0	70-260007	HM,HS Series - Inc (6)
9.802-604.0	70-260018	HH, HX series Inc (6)
9.802-608.0	70-260025	HX Series - Inc (6)
9.803-936.0	70-260028	HD, HE, HG Series - Inc (6)

HOTSYS Pump Tool Kit



A must for every service department.

Save time using the right tool for the job. The HOTSYS Pump Tool Kit includes:



- 6mm Allen Wrench
- 14mm Allen Wrench
- Plastic Covered Thin Blade Screwdriver
- Plastic Hammer
- Seal Extractor
- Two Piece Inserter for Sleeves
- Two Part Seal Inserter for Plunger Rods
- Crankshaft Seal Inserter
- Two Part Seal Inserter for Plunger Rods
- Crankshaft Seal Inserter
- Plastic Tool Box
- Pliers
- Seal Extractor



Part No.	Original No.	Kit Description
9.802-953.0	918430	13 Piece Hotsy Pump Tool Kit
9.802-568.0	959260	Pliers, Seal Extractor

Pumpteck Pump

The Pumpteck Pump is a Twin plunger design originally used on the HOTSYS Model Sport 500.



- 2 GPM max
- 1000 PSI max

Part No.	Original no.	Description
8.715-240.0	830065	Pump-Sport 500
8.707-369.0	753170	Crankshaft
8.707-370.0	753168	Seal Kit w/ plunger
8.700-187.0	753169	Check Valve Kit



Part No.	Original no.	Description
9.802-606.0	70-260023	HH, HX series
9.802-609.0	70-260027	HM, HS series
9.803-937.0	70-260826	HD, HE, HG Series

Interpump / General Pumps



Solid Shaft Pumps



Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-618.0	102033*	W72	T721	2.2	1200	1.7	1450	24mm
8.702-620.0	102035*	W73	T731	3.0	1200	2.4	1450	24mm
9.802-358.0	727183	W99	T991	3.5	1500	3.5	1450	24mm
8.702-629.0	102048	WS92	TS921	4.75	1800	5.8	1450	24mm
8.702-625.0	102046	W92	T921	5.0	1700	5.8	1050	24mm
8.702-622.0	102042	WS82	TS821	5.6	1500	5.6	1450	24mm
8.702-636.0	726481	WS101	TS1011	4.0	2000	5.4	1450	24mm
8.702-635.0	726452	W101	T1011	4.5	2000	6.0	1125	24mm
8.702-646.0	102076	WS133	TS1331	3.5	2100	5.0	1450	24mm
8.702-645.0	102074	WS132	TS1321	4.75	2100	6.8	1450	24mm
8.702-643.0	726454	W132	T1321	5.5	2100	7.9	1150	24mm
8.702-650.0	830162	WS151	TS1511	4.0	2500	6.8	1450	24mm
8.702-649.0	102082	W151	T1511	4.5	2500	7.7	1125	24mm
8.702-655.0	102090	WS162	TS1621	4.75	2500	8.0	1450	24mm
8.702-654.0	102088	W162	T1621	5.0	2500	8.5	1050	24mm
8.702-665.0	102105	W201	T2011	4.5	3000	9.2	1125	24mm
8.702-667.0	102110	WS201	TS2011	4.0	3000	8.0	1450	24mm
8.702-669.0	830249**	WS202	TS2021	5.6	3500	11.3	1450	24mm
8.702-697.0	726473	W972	T9721	2.1	1000	1.5	1750	24mm
8.702-698.0	102162	W973	T9731	2.8	1100	2.0	1750	24mm
8.702-700.0	102167	W979	T9791	2.5	1100	2.0	1750	24mm
8.702-701.0	726476	W995	T9951	3.4	1300	3.0	1750	24mm
8.702-702.0	102174	W996	T9961	4.0	1100	3.0	1750	24mm
8.702-703.0	102176	W997	T9971	4.0	2000	5.0	1750	24mm
8.702-686.0	102135	W912	T9121	4.75	1500	5.0	1750	24mm
8.702-687.0	102140	W913	T9131	4.0	1900	5.0	1750	24mm
8.702-688.0	102145	W916	T9161	4.75	2300	7.5	1750	24mm
8.702-690.0	102150	W921	T9211	4.0	2900	7.5	1750	24mm
8.702-693.0	726472	W928	T9281	4.0	4000	11.0	1750	24mm
8.702-695.0	830576	T5050	T5050	5.0	5000	11.0	1845	24mm
8.702-661.0	102097	-	TT9111	3.0	1500	3.0	1750	24mm
8.702-630.0	102049	WW93	TT931	2.9	1500	3.0	2800	24mm
8.702-628.0	726507	WW94	TT941	3.43	1300	3.0	2800	24mm
8.702-685.0	102134	WW935	TT9351	3.5	2500	5.0	3400	24mm
8.702-663.0	830060	WW944	TT9441	4.4	2500	7.5	3400	24mm

*Duplex Pump, ** Plated Pump



8.702-741.0
TX Solid Shaft Pumps

TX Solid Shaft Pump

Part No.	Original No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-741.0	102282	TX1510S34	4	3000	8.2	3400	24MM



Series "44" (EZ Series) Solid Shaft Pumps



Part No.	Original No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-766.0	102313	W956	EZ2536S	3.6	2500	6.0	1750	24mm
8.702-768.0	102317	W959	EZ2542S	4.2	2500	7.0	1750	24mm
8.702-773.0	102320	W186	EZ3040S	4.0	3000	8.0	3400	24mm
8.702-782.0	102333	-	EZ4040S34	4.0	4000	11.0	3400	24mm

NOTE: For Direct Drive Mounting of the above pumps. See flanges on page 71.



8.702-768.0
Series "44" Solid Shaft Pumps

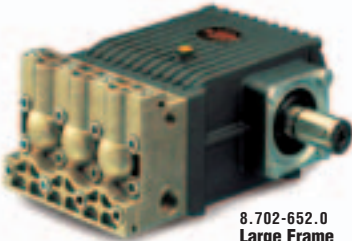
Interpump / General Pumps (continued)



8.702-740.0
TSF Pumps

TSF

Part No.	Original No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
8.702-740.0	102281	TSF2021	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	726483	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	726456	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	830377		TT2028EBF	2.8	2000	4.0	3400	5/8"
8.702-681.0	830615		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	830575		EZ4035G34	3.5	4000	10.0	3400	1"
8.702-779.0	830596		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"

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.



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	753076	Kit3, Crankshaft Oil Seal
8.702-802.0	726395	Kit4, Valve Cap
8.702-803.0	103005B	Kit5, Valve Cap
8.702-805.0	726408	Kit6, Piston Bolt
8.702-806.0	726419	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	726339	Kit10, Retainer 20mm Packing
8.702-810.0	103011B	Kit11, 22mm Head Ring
8.702-811.0	726356	Kit12, 22mm Packing
8.702-812.0	103014B	Kit14, Retainer 22mm Packing
8.702-813.0	103015B	Kit15 Packing Adapter
8.702-814.0	726372	Kit16, 24mm Packing
8.702-815.0	726373	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	726378	Kit21, 20mm Head Ring
8.702-822.0	103022B	Kit22, 20mm Packing Retainer
8.702-823.0	753079	Kit23, Piston Rod Oil Seal
8.702-824.0	726381	Kit24, Piston Rod Oil Seal
8.702-825.0	103026B	Kit26, Piston Bolt
8.702-826.0	726383	Kit27, 20mm Packing Assy
8.702-829.0	753080	Kit28, 20mm Packing Assy
8.702-830.0	726385	Kit29, 22mm Packing Assy
8.702-831.0	103030B	Kit30, 24mm Packing Assy
8.702-833.0	726390	Kit32, Crankshaft Oil Seal
8.702-834.0	726391	Kit37, Piston Rod Oil Seal
8.702-836.0	103038NB	Kit38, 36mm Packing
8.702-838.0	726396	Kit41 Packing Adapter
8.702-840.0	726400	Kit44, Piston Rod Oil Seal
8.702-843.0	726404	Kit50, Valve Kit
8.702-844.0	103051B	Kit51, Timax Maintenance

Part No.	Orig. No.	Kit No.
8.702-847.0	726406	Kit58, K5 Maint.
8.702-849.0	103060B	Kit60, K5 Complete Reblid
8.702-850.0	726410	Kit61, K3 Complete Reblid
8.702-851.0	726411	Kit62, Valve
8.702-852.0	726412	Kit63 30mm Packing
8.702-853.0	726413	Kit64, Packing with Intermed. Rings
8.702-854.0	103065B	Kit65 30MM Head Ring
8.702-855.0	726415	Kit66 Packing Spacer
8.702-856.0	726416	Kit67, 30mm Packing Assy
8.702-857.0	103069NB	Kit69, 20mm Packing w/Restop
8.702-858.0	726420	Kit70, K7 Maint.
8.702-859.0	103071B	Kit71, Intermed. Ring w/Restop
8.702-860.0	726421	Kit72, Maint. Kit
8.702-861.0	726422	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	753059	Kit84, Valve Cap
8.702-874.0	103085B	Kit85 Complete Packing
8.702-875.0	726432	Kit86 Packing Retainer
8.702-876.0	103087B	Kit87, Packing
8.702-877.0	753227	Kit88, Packing EZ3040G
8.702-878.0	726435	Kit89 Intermed. Ring
8.702-879.0	726437	Kit90, Head Ring
8.702-880.0	726438	Kit91 Packing Retainer
8.702-882.0	726439	Kit92, Piston Seal
8.702-883.0	753073	Kit93 Control Set W2
8.702-884.0	726441	Kit94, Control Set
8.702-885.0	103095B	Kit95, KR Unloader
8.702-886.0	103096B	Kit96 Packing Assy
8.702-887.0	726444	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	726341	Kit102 Unloader Maint.
8.702-896.0	103105B	Kit105, P10 Maint.
8.702-897.0	103106B	Kit106, Valve Cap
8.702-898.0	753171	Kit107, Piston Bolt Pump T9281
8.702-899.0	726346	Kit108, Head Ring for T-9281
8.702-900.0	726347	Kit109, 16 mm Packing New

Part No.	Orig. No.	Kit No.
8.702-901.0	726349	Kit110, 16mm Intermed. Ring
8.702-902.0	103111B	Kit111, Packing Retainer, 16mm Pump T9281
8.702-903.0	753082	Kit112, 16mm Packing Assy
8.702-904.0	726352	Kit113, Packing Assy
8.702-908.0	726354	Kit118, Packing
8.702-909.0	103119B	Kit119, Packing
8.702-910.0	726357	Kit120, Unloader
8.702-912.0	726358	Kit122, Valves
8.702-913.0	753083	Kit123, Valve EZ3040
8.702-914.0	753084	Kit124, Valve Cap and O-Ring for EZ Pump
8.702-915.0	726361	Kit125, EZ Pump
8.702-916.0	103126B	Kit126, EZ Pump
8.702-917.0	103127B	Kit127, Packing EZ2542S
8.702-919.0	726363	Kit129, Head Ring EZ Series
8.702-920.0	753085	Kit 130 Packing Complete
8.702-921.0	103131B	Kit131, EZ Pump
8.702-923.0	726367	Kit134 Valve TH Pump
8.702-928.0	103140B	Kit140, Packing Assembly, T9111
8.702-929.0	103141B	Kit141, General
8.702-930.0	726369	Kit148 22mm Packing
8.702-931.0	726370	Kit149, Ring Intermediate
8.702-932.0	877678	Kit150, Valve General T5050
8.702-933.0	877679	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

AR Triplex Ceramic Plunger Pumps



830619

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	830190	XTV3G20D-F7	3.0	2000	4.0	3400	3/4"	11
8.702-501.0	101718	XMV25G26D-F25	2.5	2600	5.0	3400	3/4"	19
8.702-498.0	830592	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	830619	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	830618	RKV4G35HD-F24	4.0	3500	10.0	3400	1"	21



101780

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	830597	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



830151

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

Additional Pump Parts Available

If you don't see a pump part you need, please contact us.

We have Cat, AR, Comet, General Pump, Hypro, Giant and Legacy pump parts in stock that are not listed in the catalog. Please call for more information.

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

PUMPS & PUMP KITS

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	Part No.	Original No.	Kit Description
8.720-573.0	AR001804	Packing	8.720-606.0	AR001887	Water Seals
8.720-574.0	AR001805	Packing, 20mm	8.720-611.0	AR002031	Viton Seal, XRA
8.740-118.0	AR001806	Pump	8.720-612.0	AR002043	Oil Seal
8.720-575.0	AR001815	Piston	8.720-613.0	AR002044	Seal
8.720-578.0	AR001825	Valve Kit	8.720-632.0	AR002544	Piston, XM*
8.720-579.0	AR001826	Piston Bolt	8.720-633.0	AR002546	Piston XRCA/XRCV
8.720-581.0	AR001828	Valve	8.720-643.0	AR002624	Seal
8.720-582.0	723217	Ring, Support XRA/XRV*	8.720-644.0	AR002628	AR Piston #2628
8.720-583.0	AR001830	Repair, AR 2882 O-Rings Only	8.720-649.0	AR002697	Repair, Combi-Set
8.720-585.0	AR001842	Piston,XRA/XRV*	8.720-651.0	AR002740	Support Ring, XM*
8.720-586.0	AR001843	Piston, XRA, XR	8.720-652.0	AR002741	Water Seal, XM*
8.720-592.0	AR001855	Oil Seal, XRA*	8.720-655.0	AR002747	Packing XMA* 18MM
8.720-593.0	AR001856	Oil Seal, XRV	8.720-658.0	AR002776	Hot/Dry Cup
8.720-594.0	AR001857	Packing XRA/XRV*	8.720-661.0	AR002780	Valve XWA8G30N-SX
8.720-596.0	AR001860	Seal, Oil, XTV*	8.720-662.0	AR002781	Seal XWA8G30N-SX
8.720-597.0	AR001864	Valve Kit	8.720-663.0	AR002782	Piston Seal, XWA8G30N-SX
8.720-598.0	AR001865	Oil Seal	8.720-665.0	AR002784	Piston Guide, XWA8G30N-SX
8.720-599.0	AR001866	Water Seals	8.720-667.0	AR002786	Oil Seals XMA35G25N
8.720-601.0	AR001869	Repair Unloader	8.720-668.0	AR002787	Oil Seals
8.720-602.0	AR001872	Oil Seal	8.720-684.0	AR002864	Valve Kit, RK*
8.720-603.0	AR001873	Oil Seal Kit Cmplt			
8.720-604.0	AR001874	Packing			

*Series

*Series

Comet Pumps & Pump Kits



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
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"

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
8.721-996.0	CT5025001100	Valve Kit ZWD / FWS / FWD / HW / FW / LW

Legacy Pump



Part No.	Shaft	GPM	PSI	RPM
8.920-004.0	3/4"	2.6	3000	3400

*NOTE: Can be used to replace Comet pumps listed above

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 8HP, 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.)

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



Piston Pumps



8.702-156.0

- Cast iron body
- Stainless steel check valves
- Complete with base or torque arm
- Buna cups
- 140° except 5321
- 180° 5321
- 1/2 NPT Ports



Part No.	Orig. 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			

*8.702-157.0 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

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	Complete Extraction Kit

PUMPS & PUMP KITS

Accumulator by Interpump

Pulse Dampener.



- 3/4" MPT connector
- 10 GPM
- 1350 PSI
- 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

381102 381104

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
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Slide Hammer

8.712-513.0	449299	Hammer Only
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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

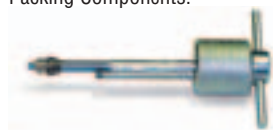
8.712-521.0	449309	Large Slide Hammer
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Sockets for Large Slide Hammer

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
- Stainless steel
- Knurled handle
- 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.	Original No.	Description
8.712-519.0	726585	V-Packing Kit

Pump Oil



- Formulated to exceed the factory specifications for HOTSY and other high pressure pumps.
- Non-detergent, non-foaming

Part No.	Original No.	Description
8.914-527.0	315068	32 oz Bottle

Pump Oil



Formulated to meet the factory specifications for Admiral, Interpumps, General Pumps and other high pressure pumps.

Part No.	Original No.	Description
8.901-077.0	112055	Pump Oil (quart)
8.901-080.0	112075	Case Lot (12 ea)

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.	Original No.	Description
8.901-078.0	112056	Pump Lube (quart)
8.901-081.0	112076	Case Lot (12 ea)

"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.	Original No.	Description
8.901-076.0	112052X	Interlube (quart)
8.901-079.0	112072X	Case Lot (12 ea)

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.	Fits Shaft Sizes
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.	Fits Shaft Sizes
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.	Original 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 Hotsy Pumps



Part No.	Engine Shaft	Pump Shaft	Weight	Gear Ratio	Engine Power
B5					
8.749-922.0	3/4 in.	24 mm	74.1 oz.	2.3:1	6.5 HP
B10					
8.749-923.0	1 in.	24 mm	193.3 oz.	2.176:1	7-10 HP
B18					
8.715-342.0	1 in.	24 mm	139.3 oz.	2.176:1	11-18 HP
8.749-924.0	1-1/8 in.	24 mm	139.3 oz.	2.176:1	11-18 HP
8.749-925.0	0.984 in.	24 mm	139.3 oz.	2.176:1	11-18 HP
8.715-344.0	1 in.	25 mm	139.3 oz.	2.176:1	11-18 HP
B18H					
8.749-926.0	1 in.	24 mm	155.2 oz.	2.176:1	11-18 HP

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



- Eliminates belts, pulleys & belt guards
- Engine-to-Pump drive units
- Improve efficiency

8.710-321.0

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

PUMPS & PUMP KITS

Flanges

Direct Attachment of Interpump/General Pumps to NEMA Standard C-Face Motors.



Part No.	Orig. No.	NEMA Frame	Drive Shaft
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

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	339112A	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 $\frac{\text{PSI} \times \text{GPM}}{1460}$ = Electric Motor HP
Required gas engine HP $\frac{\text{PSI} \times \text{GPM}}{1460}$ X 1.30 = 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.