

4" & 6" Pump Replacement Parts

4" Pumps

The purpose of this Service Bulletin is to list the most commonly used FE Petro parts in order to facilitate proper inventory control. FE Petro recommends keeping FE Petro spare parts in stock for regular servicing of our products in order to minimize downtimes and, thereby, increase sales volumes. Below is a list of commonly used parts for our 4" pumps.

Four Inch Pump Replacement Parts	
Part Number	Description
151213930	156" Lead Assembly
400137937	Syphon Check Valve Assembly (AG compatible)
400147930	Clamp Valve Assembly
400170931	Capacitor Assembly 15 μ F, 380V, 1 \emptyset
400170934	Capacitor Assembly 40 μ F, 370V, 1 \emptyset
400197930	Manifold Assembly Cover
400200930	Wire Connector Kit (includes male and female connectors)
400215931	Relay 30 Amp (120V coil)
400216901	O-Ring Kit for STP/STP VS2
400216905	O-Ring Kit for STPAG & IST
400236903	Contractors Plug
400276902 †	PMA-75 - 3/4 HP Pump Motor Assembly †
400276903 †	PMA-150 - 1 1/2 HP Pump Motor Assembly †
402493906 *	PMAM-200 - 2 HP <i>MagShell</i> ™ Pump Motor Assembly 1 \emptyset fixed speed *
402493905 **	PMAM VS2 - 2 HP <i>MagShell</i> ™ Pump Motor Assembly 3 \emptyset variable speed **
402493908 ***	PMAM VS4 - 4 HP <i>MagShell</i> ™ Pump Motor Assembly 3 \emptyset variable speed ***
400500903	STP-MLD - Mechanical Leak Detector - Gasoline (3 Pack)
400501903	STP-MLD-D - Mechanical Leak Detector - Diesel (3 Pack)
400502903	STP-MLD-E - Mechanical Leak Detector - Flexible Piping Leak Detector (3 Pack)
400562901	Syphon Jet Assembly
400818921	STP-CBS - Control Box with switch and lock-out
400988931	Check Valve - Model STD
400988932	Check Valve - Model R
5874202400 ****	IST-VFC - Variable Frequency Controller for PMA VS2 motor only)
5874202800 ****	<i>Mag</i> VFC - Variable Frequency Controller for PMA VS2 & PMA VS4 only)
5800100215	STP-SCI - Single Phase Smart Controller

Symbol Key

† Uses a 15 μ F capacitor (P/N 400170931)

* Uses a 40 μ F capacitor (P/N 400170934)

** For use with an IST-VFC or a *Mag*VFC controller only (no capacitor used)

*** For use with a *Mag*VFC controller only (no capacitor used)

**** FE Petro will retire its Intelligent Submersible Turbine Variable Frequency Controller, the IST-VFC, starting in October of 2003. The IST-VFC will be replaced by the *Mag*VFC. If you need to replace an IST-VFC that is in a Master/Slave or Master/Slave Alternating Circuit configuration, then please contact Technical Support.

Note: Determining on hand quantities for parts should be based on your company's individual usage. See Installation and Owner's Manuals for complete replacement part lists.

6" Pumps

The purpose of this Service Bulletin is to list the most commonly used FE Petro parts in order to facilitate proper inventory control. FE Petro recommends keeping FE Petro spare parts in stock for regular servicing of our products in order to minimize downtimes and, thereby, increase sales volumes. Below is a list of commonly used parts for our 6" pumps.

Six Inch Pump Replacement Parts	
Part Number	Description
401126002	Upper Manifold Seal
401236002	Upper Manifold Seal (A/G compatible)
401032901	Pressure Relief Valve
401150901	Valve Assembly (Inseparable)
401126001	Lower Manifold Seal
401236001	Lower Manifold Seal (A/G compatible)
401110901	PMA3 - 3 HP Pump Motor Assembly
401110902	PMA5 - 5 HP Pump Motor Assembly
401220901	STP-CB3 (Motor Starter 3 HP, 120V relay)
401220902	STP-CB5 (Motor Starter 5 HP, 120V relay)
401315901	Replacement High Capacity Mechanical Leak Detector - Gasoline
401320901	Replacement High Capacity Mechanical Leak Detector - Diesel
401325901	3 Inch "T" Housing and Cover Assembly for STP-MLD-HC
401165930	Syphon Unit (Complete)

Note: Determining on hand quantities for parts should be based on your company's individual usage. See Installation and Owner's Manuals for complete replacement part lists.

Please contact Technical Support if we may be of any assistance.