Service Data

Vickers®

Directional Controls

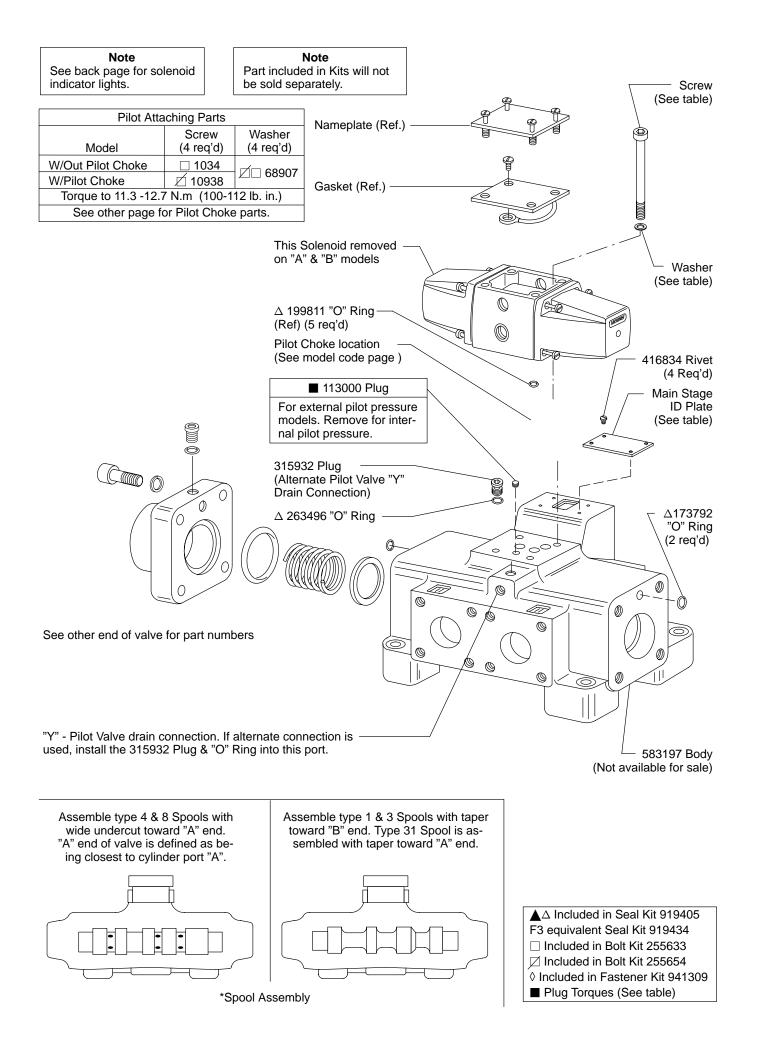


Solenoid Controlled Pilot Operated Directional Valve

DF5S4(L)-16*A/B/C/N-(*)-(E)*-53

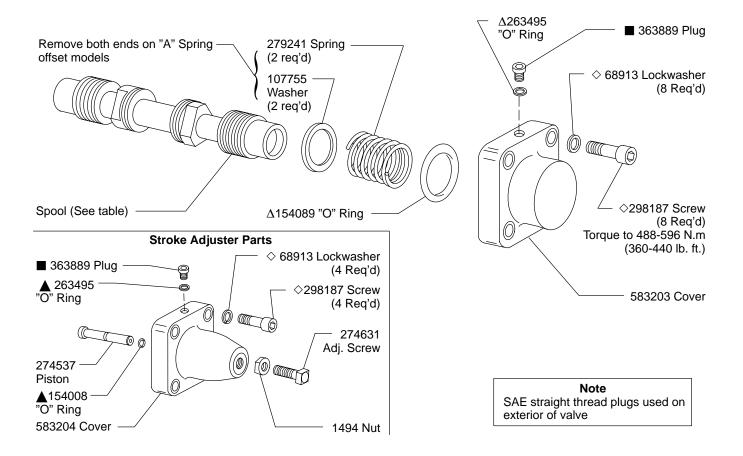


I-3622-S



Valve Model Code	Main Stage Spool Type	Pilot Valve Model Code (See back page)	
DF5S4-16*A-*-53	0, 2, 6, 9, 33	DG4S4-012A-*-50-S344	
DF5S4-16*B-*-53	0, 1, 2, 3, 6 9, 31, 33	DG4S4-016B-*-50-S344	
	4 & 8	DG4S4-0168B-*-50-S344	
DF5S4-16*C-*-53	0, 1, 2, 3, 6 9, 31, 33	DG4S4-016C-*-50-S344	
	4 & 8	DG4S4-0168C-*-50-S344	
DF5S4-16*N-*-53	0, 2, 6, 9, 33	DG4S4-012N-*-51-S344	

Valve Model Code			Main Stage ID Plate	
Model	Valve	Spool	w/Circuit Diagram	
	Type		"A" only	B/C/N
DF5S4-160-	A/B/C/N	273677		400976
DF5S4-161-	B/C	*386581	400975	400977
DF5S4-162-	A/B/C/N	273676		400978
DF5S4-163-	B/C	*275803		400979
DF5S4-164-	D/C	*273720		400980
DF5S4-166-	A/B/C/N	275804		400981
DF5S4-168-	B/C	*275805		400980
DF5S4-169-	A/B/C/N	275806		400976
DF5S4-1631-	B/C	*275803		580475
DF5S4-1633-	A/B/C/N	317777		400981
*See Spool Assembly Note				



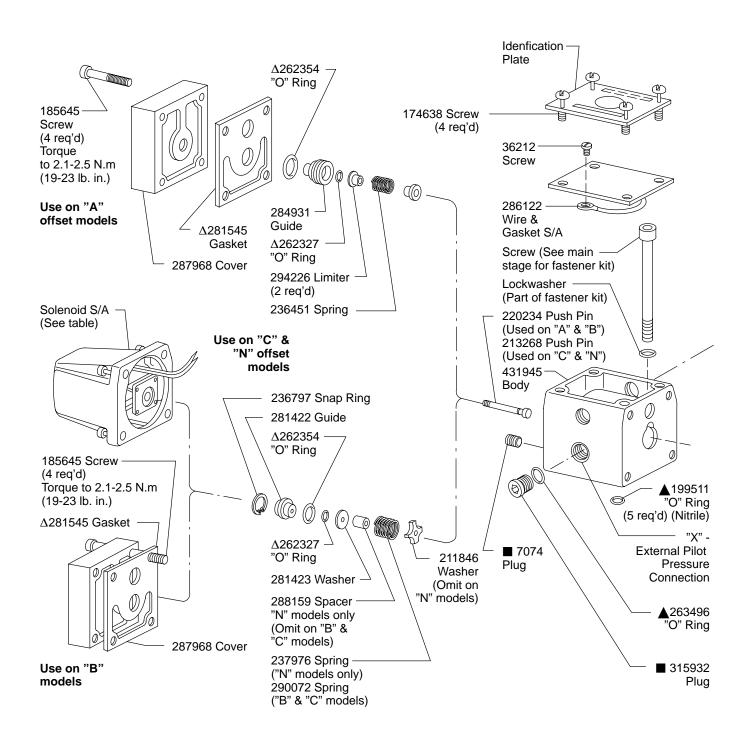
	Solenoid S/A			
Voltage	S/A Complete		Coil	
	Std	F3	Std	F3
115AC60	281291	317767	316011	317768
230AC60	281292	317769	298721	317770
460AC60	281293	317771	298722	317772
For additional Solenoid S/A's See I-3544-S				

Seal Kit Note

The -53 design pilot valves are manufactured as shown with F3 seals used internally. Interface seals are standard Nitrile material and are converted to F3 in the seal kit. All seals in the pilot valve seal kit are F3.

Note

Refer to parts drawing I-3487-S for models with plug-in feature.



Note

Part numbers included in kits will not be sold separately.

* Included in 942132 Detent Kit

Δ Included in F3 Pilot Valve Seal Kit 919214

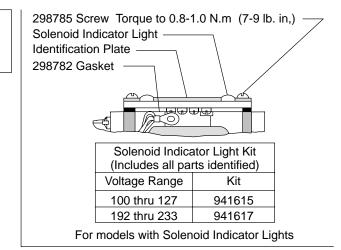
Note

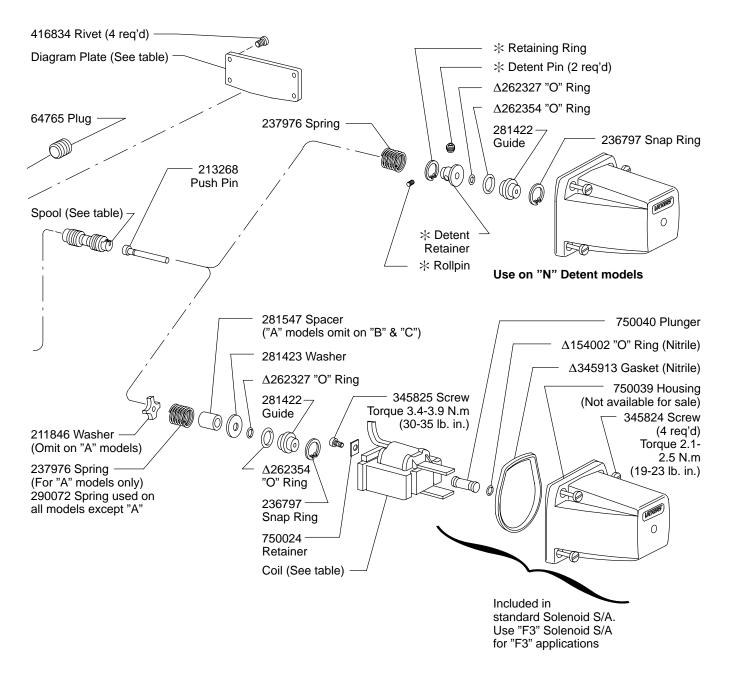
For single solenoid models right hand assembly shown. For left hand assembly all parts are reversed, except body & spool. Ex. LH Model: DG4S4-01**-*-5*-S344-LH

Note

A spool designation of (68B) indicates valve is assembled "LH" & is used as a pilot for two stage valves with "4" or "8" type main stage spools.

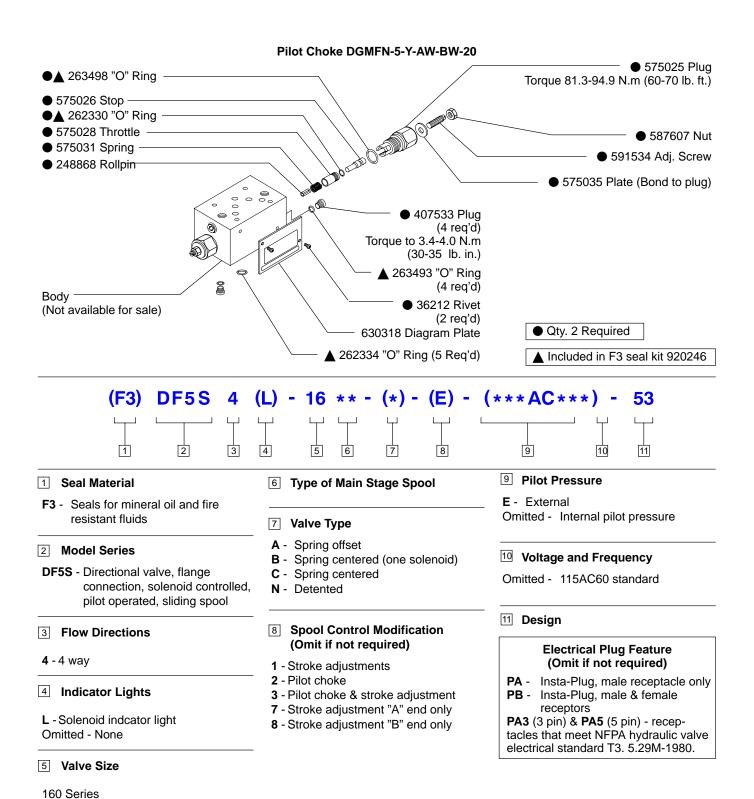
Chool		Diagram Plate			
Spool		"A"		"B" & "C"	"N"
Type	Part	LH	RH	Вас	IN
2	213131	577490	290348		577486
6	213232			290345	
68	213232			577480	





Use on "A", "B", & "C" models

Model Code



For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFP, OFR, and OFRS series are recommended.