

Vickers®

Service Data

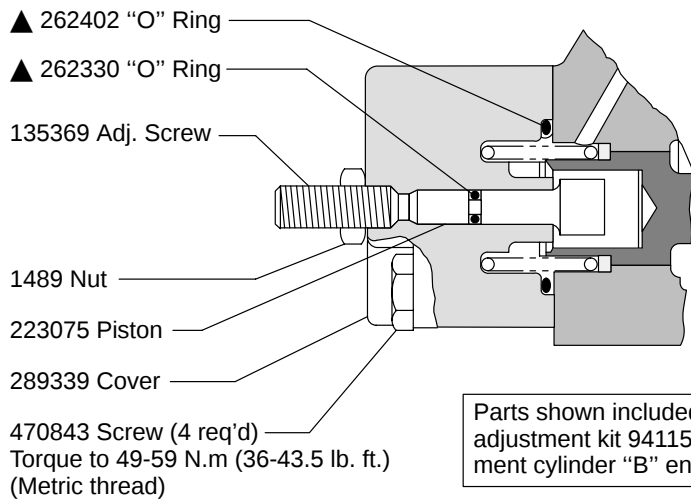
Directional Controls



Pressure Centered Pilot Operated Directional Control Valves

DG3S-8-*D*-*-10





Parts shown included in stroke adjustment kit 941154. Stroke adjustment cylinder "B" end only.

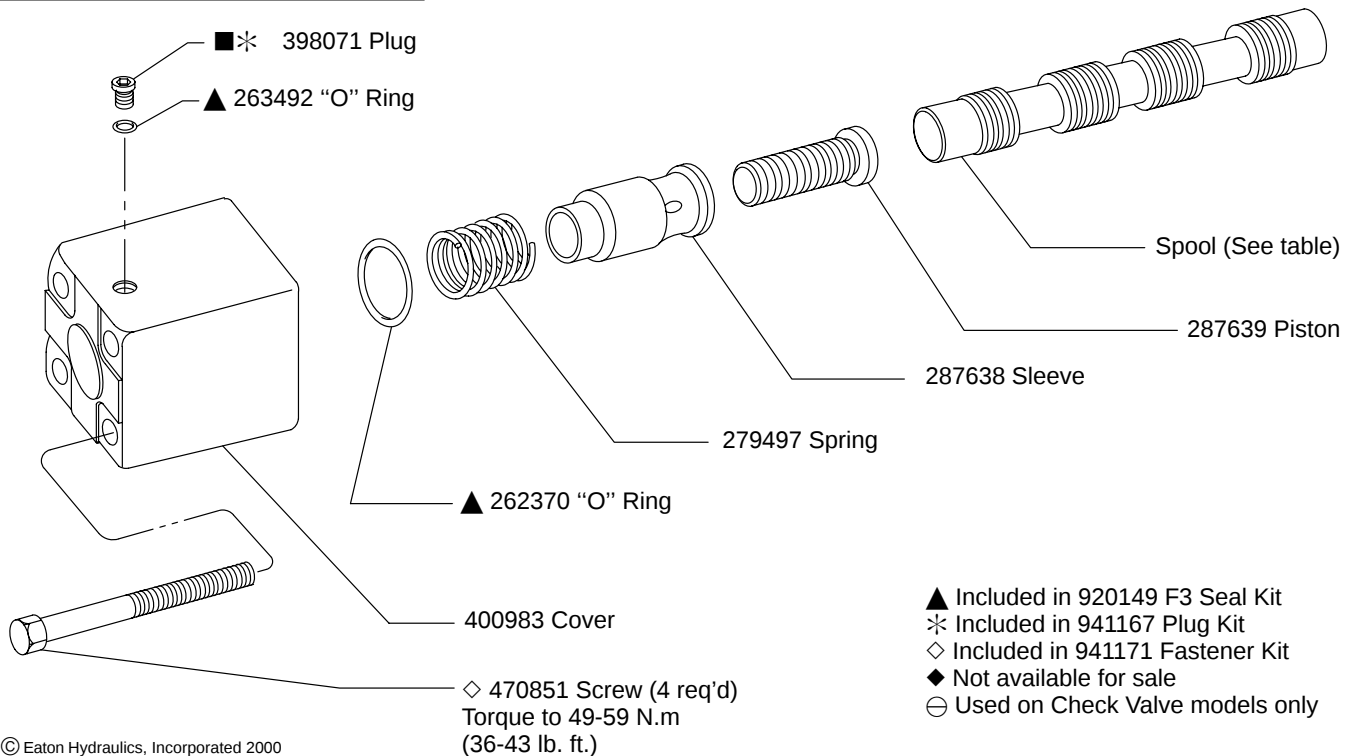
Cover Attaching Bolts	
Model	Bolt Kit
W/out Pilot Choke	466834
W/Pilot Choke	466836
Torque to 4.5-5.7 N.m (39.8-50.4 lb. in.)	
Bolt Kit includes 4 screws	

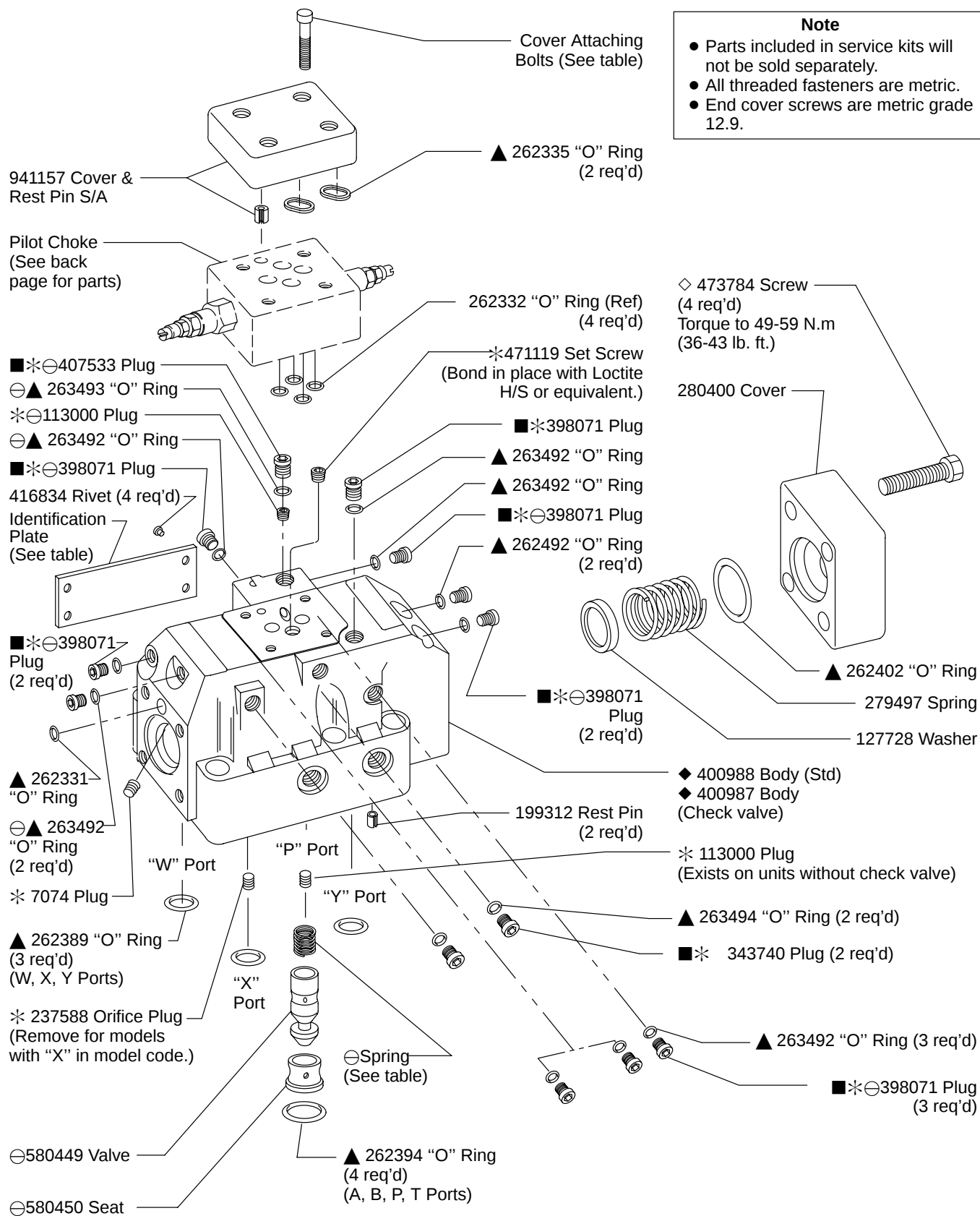
Model	Spool	I.D. Plate with Circuit Diagram
DG3S-8-0D*-*-*10	363495	400967
DG3S-8-1D*-*-*10	*276623	400968
DG3S-8-2D*-*-*10	363496	400969
DG3S-8-3D*-*-*10	*276625	400970
DG3S-8-4D*-*-*10	276626	400971
DG3S-8-6D*-*-*10	363498	400972
DG3S-8-8D*-*-*10	363499	400971
DG3S-8-9D*-*-*10	363500	400967
DG3S-8-33D*-*-*10	363501	400972

■ Plug Torques		
Plug	Torque (N.m)	Torque (lb. in.)
343740	10.0-11.8	90-105
398071	3.4-4.0	30-35
407533		

***Note**

Assemble Type 1 and 3 spools with narrow center land toward "A" end of valve. "A" end of valve is defined as being closest to cylinder port "A".

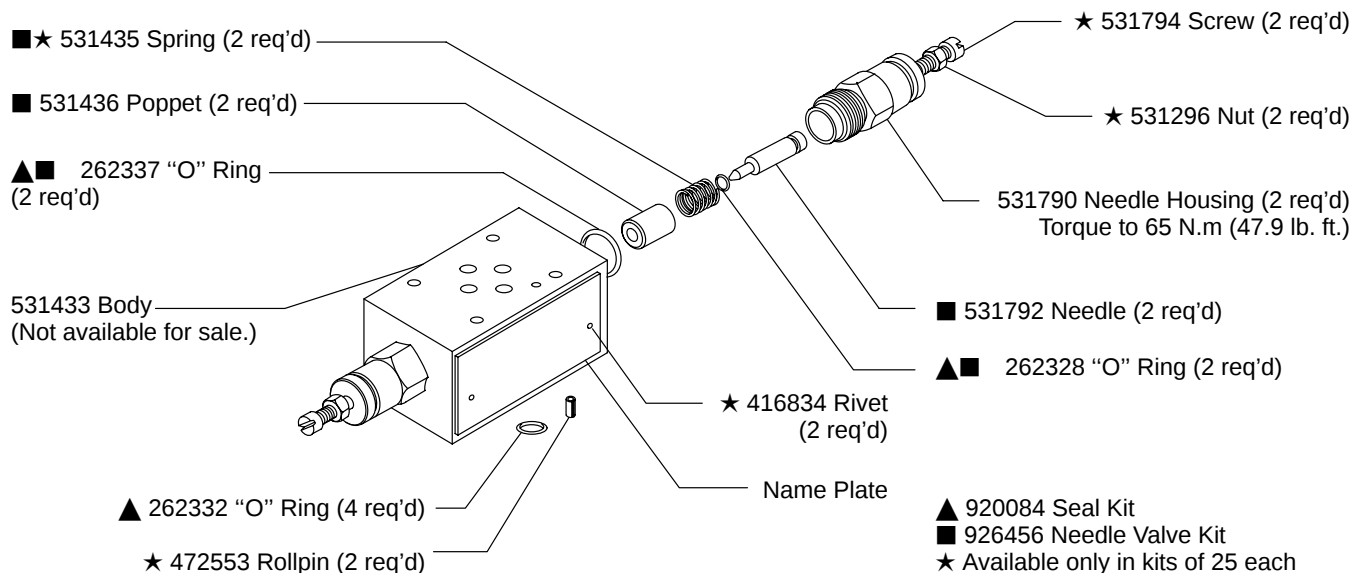




Model	Spring	Color
DG3S-8-D*-K-10	398130	—
DG3S-8-D*-R-10	398131	Yellow
DG3S-8-D*-S-10	398132	Red

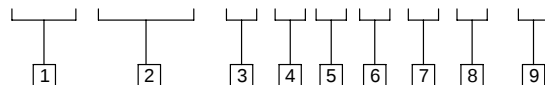
Pilot Choke

DGMFN - 3 - Y - A2W - B2W - 21



Model Code

(F3) DG3S - 8 - * D * - * - * - 10



1 Special Seals

F3 - Seals for mineral oil or fire resistant fluid

2 Directional Control Valve

DG3S - Subplate mounting, pilot operated. Pressure rating 210 bar (3000 PSI)

3 Valve Size

8 - Valve size CETOP 8

4 Spool Type

5 Valve Type

D - Pressure Centered

6 Fast Response

X - Fast response (Omit for standard models.)

7 Spool Control Modification

(Omit if not required.)

2 - Pilot Choke

8 - Stroke adjustment - Cylinder 'B' end only

2-8 - If both are required

8 Check Valve in Pressure Port

K - 0,35 bar (5 psi)

R - 3,45 bar (50 psi)

S - 5,2 bar (75 psi)

9 Design

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from pressure, return, and in-line filter series are recommended.