Vickers®

Directional Controls

EAT•N

Wet Armature Solenoid Operated Directional Valves

F6-DG4S4-01*A-W3-*-50
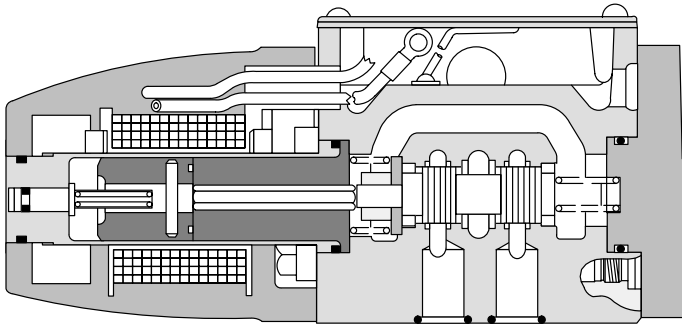
VICKERS
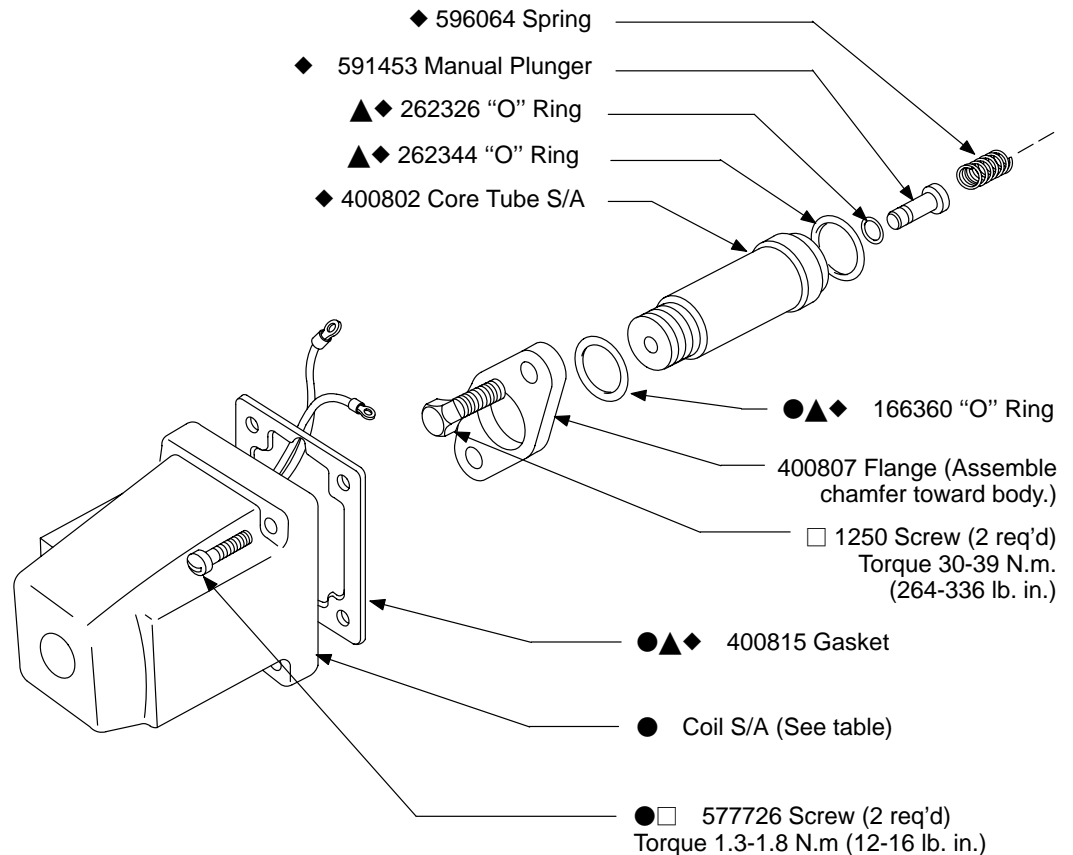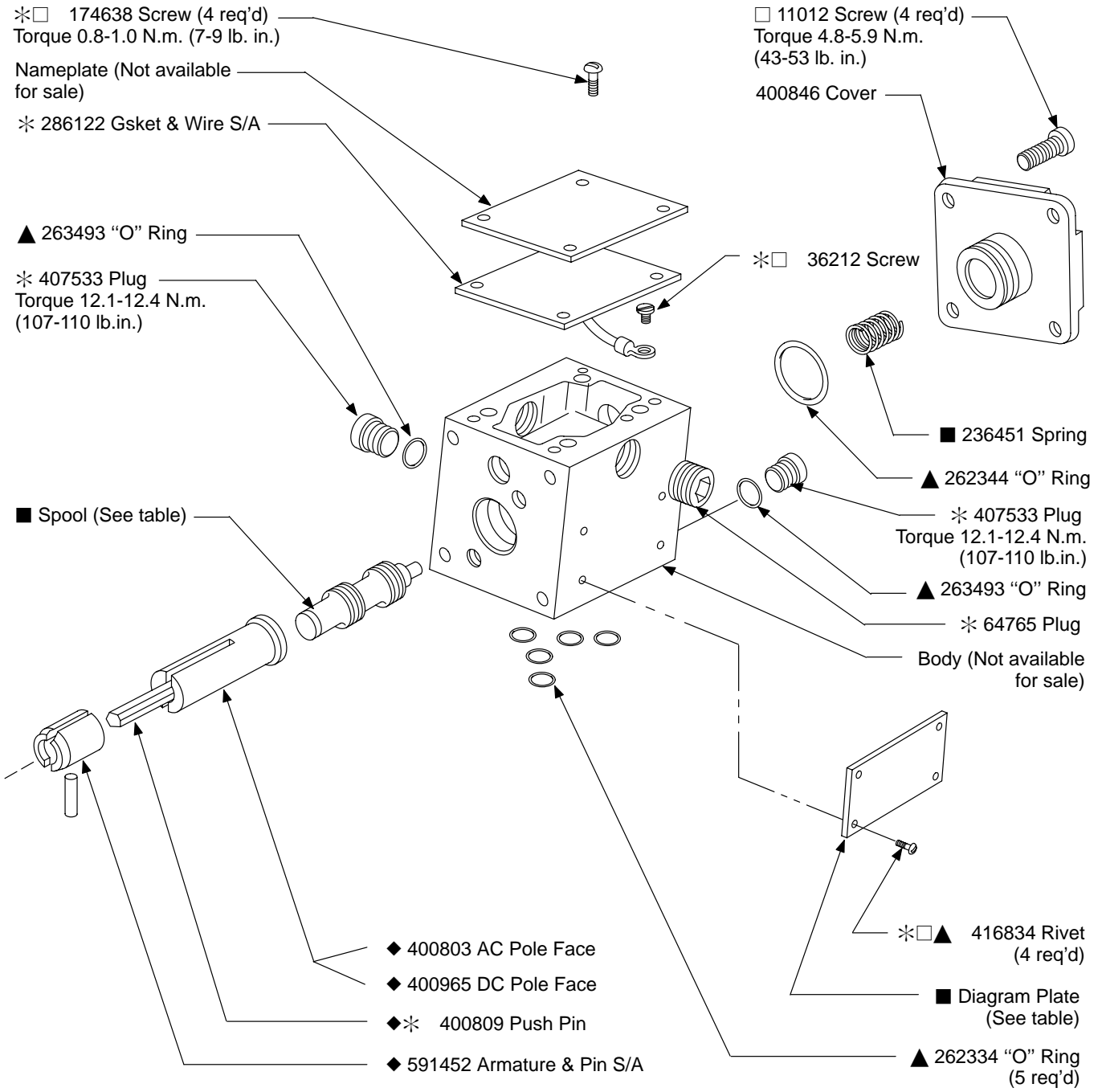
NOTE
Right hand assembly shown. For left
hand assembly all parts, except body,
are reversed. Example of left hand model:
F6-DG4S4-012A-W3-*-50-LH.

Model	Spool	Diagram Plate	Spool Kit
F6-DG4S4-010A-W3-*-50	572287	290348	940703
F6-DG4S4-010A-W3-*-50LH		577490	941011
F6-DG4S4-012A-W3-*-50	463426	290348	940704
F6-DG4S4-012A-W3-*-50LH		577490	941012
F6-DG4S4-016A-W3-*-50	572288	290348	740705
F6-DG4S4-016A-W3-*-50LH		577490	941013

Spool kit includes spool, diagram plate, seal kit, and part prefixed with a closed square symbol (■).

● Included in Coil Kit			
● Coil S/A	Coil Kit	Model	Coil Code
400823	942466	110/50, 115/60, 120/60	B
400824	942467	220/50, 230/60	D
400825	942468	440/50, 460/60	M
435755	941017	127/50	EG

◆ 596064 Spring

◆ 591453 Manual Plunger

▲◆ 262326 "O" Ring

▲◆ 262344 "O" Ring

◆ 400802 Core Tube S/A

●▲◆ 166360 "O" Ring

400807 Flange (Assemble chamfer toward body.)

□ 1250 Screw (2 req'd)
Torque 30-39 N.m.
(264-336 lb. in.)

●▲◆ 400815 Gasket

● Coil S/A (See table)

●□ 577726 Screw (2 req'd)
Torque 1.3-1.8 N.m (12-16 lb. in.)

✳□ 174638 Screw (4 req'd)
Torque 0.8-1.0 N.m. (7-9 lb. in.)

Nameplate (Not available for sale)

✳ 286122 Gsket & Wire S/A

▲ 263493 "O" Ring

✳ 407533 Plug
Torque 12.1-12.4 N.m. (107-110 lb.in.)

■ Spool (See table)

□ 11012 Screw (4 req'd)
Torque 4.8-5.9 N.m. (43-53 lb. in.)

400846 Cover

✳□ 36212 Screw

■ 236451 Spring

▲ 262344 "O" Ring

✳ 407533 Plug
Torque 12.1-12.4 N.m. (107-110 lb.in.)

▲ 263493 "O" Ring

✳ 64765 Plug

Body (Not available for sale)

◆ 400803 AC Pole Face

◆ 400965 DC Pole Face

◆✳ 400809 Push Pin

◆ 591452 Armature & Pin S/A

✳□▲ 416834 Rivet (4 req'd)

■ Diagram Plate (See table)

▲ 262334 "O" Ring (5 req'd)

□ Included in Fastener Kit 942465

▲ Included in F3 Seal Kit 920109
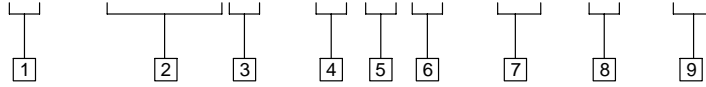
◆ Included in 941493 AC Core Tube Kit

◆ Included in 941416 DC Core Tube kit

✳ Lot Kits (25 pcs. only)	
Part #	Kit#
174638	944054
286122	944042
36212	944053
407533	944040
416834	944027
64765	944042
400809	926310

Model Code

F6 - DG4S4 * - 01 * A - W3 - * - 50

1 2 3 4 5 6 7 8 9

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1 **Seals**

F6 - High water base fluids

2 **Model Series**

DG4S4 - Directional valve, manifold or subplate mounted, solenoid operated, sliding spool, 4-way flow direction

3 **Solenoid Indicator Lights**

L - Light
(Omit for no lights)

4 **Series**

5 **Spool Type**
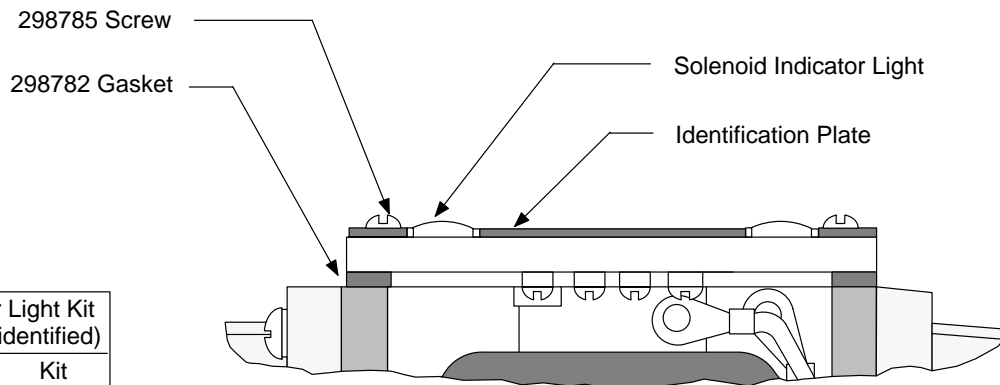
6 **Position**

A - Offset

7 **Wet Armature**

W3 - Serviceable core tube S/A

8 **Coil Identification Letter**

9 **Design**

For Models with Solenoid Indicator Lights

298785 Screw

298782 Gasket

Solenoid Indicator Light

Identification Plate

Solenoid Indicator Light Kit (Includes all parts identified)	
Voltage Range	Kit
100 thru 127	941615
192 thru 233	941617

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

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