

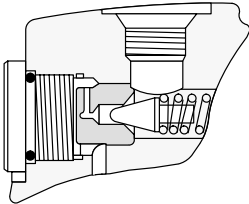
Relief Valves



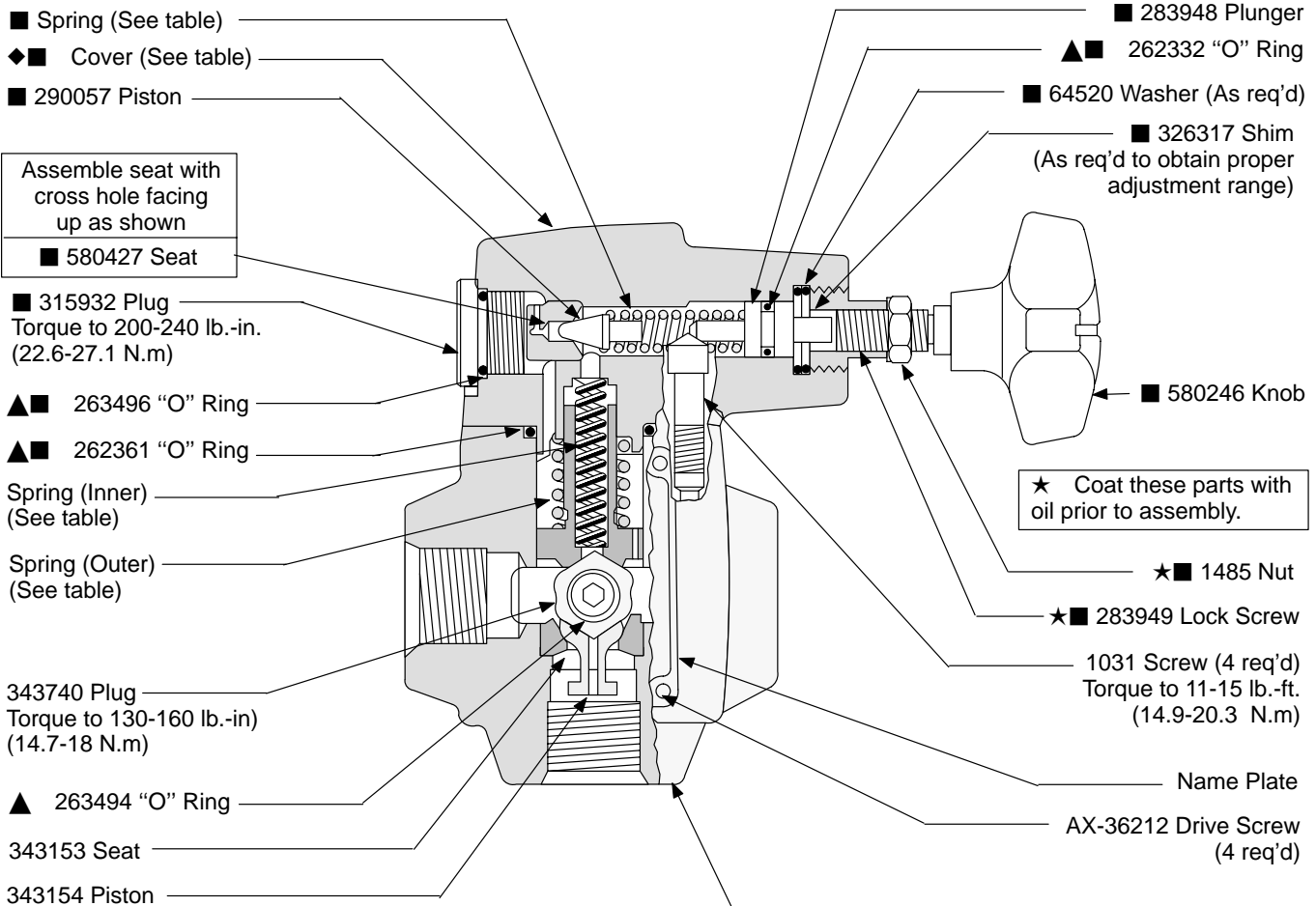
Balanced Piston Type Relief & Sequence Valves

(F3)C*-**-*(V)(Y)-50

"Y" Cover Assembly
(See table)



| Model | ■ Cover | Spring (Outer) | Spring (Inner) | ■ Spring | Pressure Range PSI | ■ Included in Cover S/A | | |
|--------------|---------|----------------|----------------|----------|--------------------|-------------------------|----------|--------|
| C*-0*-B-50 | 581702 | 184458 | 2077 | 2280 | 125-1000 | 941280 | | |
| C*-0*-BV-50 | | | | | | 941283 | | |
| C*-0*-BVY-50 | 590307 | | 2077 | | | 583937 | 500-2000 | 941281 |
| C*-0*-BY-50 | | | | | | | | 941284 |
| C*-0*-C-50 | 581702 | 184458 | 2077 | 2281 | 1500-3000 | 941282 | | |
| C*-0*-CV-50 | | | | | | | 941285 | |
| C*-0*-CVY-50 | 590307 | | | | | | | |
| C*-0*-CY-50 | | | | | | | | |
| C*-0*-F-50 | 581702 | 184458 | | | | | | |
| C*-0*-FV-50 | | | | | | | | |
| C*-0*-FVY-50 | 590307 | | 2077 | | | | | |
| C*-0*-FY-50 | | | | | | | | |



Assemble seat with cross hole facing up as shown
■ 580427 Seat

■ 315932 Plug
Torque to 200-240 lb.-in.
(22.6-27.1 N.m)

▲■ 263496 "O" Ring

▲■ 262361 "O" Ring

Spring (Inner)
(See table)

Spring (Outer)
(See table)

343740 Plug
Torque to 130-160 lb.-in)
(14.7-18 N.m)

▲ 263494 "O" Ring

343153 Seat

343154 Piston

★ Coat these parts with oil prior to assembly.

★■ 1485 Nut

★■ 283949 Lock Screw

1031 Screw (4 req'd)
Torque to 11-15 lb.-ft.
(14.9-20.3 N.m)

Name Plate

AX-36212 Drive Screw
(4 req'd)

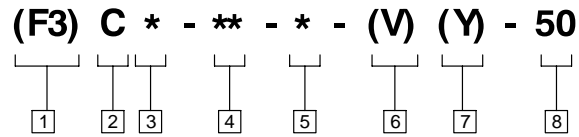
| Model | ◆ Body |
|------------------|--------|
| CS-03-*(V)-50 | 590407 |
| CS-06-*(V)(Y)-50 | 581701 |
| CT-06-*(V)(Y)-50 | 590348 |

◆ Not available for sale as individual parts

▲ Included in F3 Seal Kit 919922



Model Code Breakdown



1 Seals

F3 - Multi-fluid capability (Viton® seals)

Viton is a registered trademark of E.I. DuPont

2 Model Series

C - Relief valve

3 Thread Type

S - SAE straight
T - NPTF pipe

4 Size

03 - 3/8 inch
06 - 3/4 inch

5 Pressure Range

B - 125-1000
C - 500-2000
F - 1500-3000

6 Vent Pressure

V - High vent pressure
(Omit for standard vent pressure.)

7 External Drain Feature

Y - Sequence valve
(Omit for standard relief.)

8 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 Eaton OFF, OFR and OFRS filter series are recommended.

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