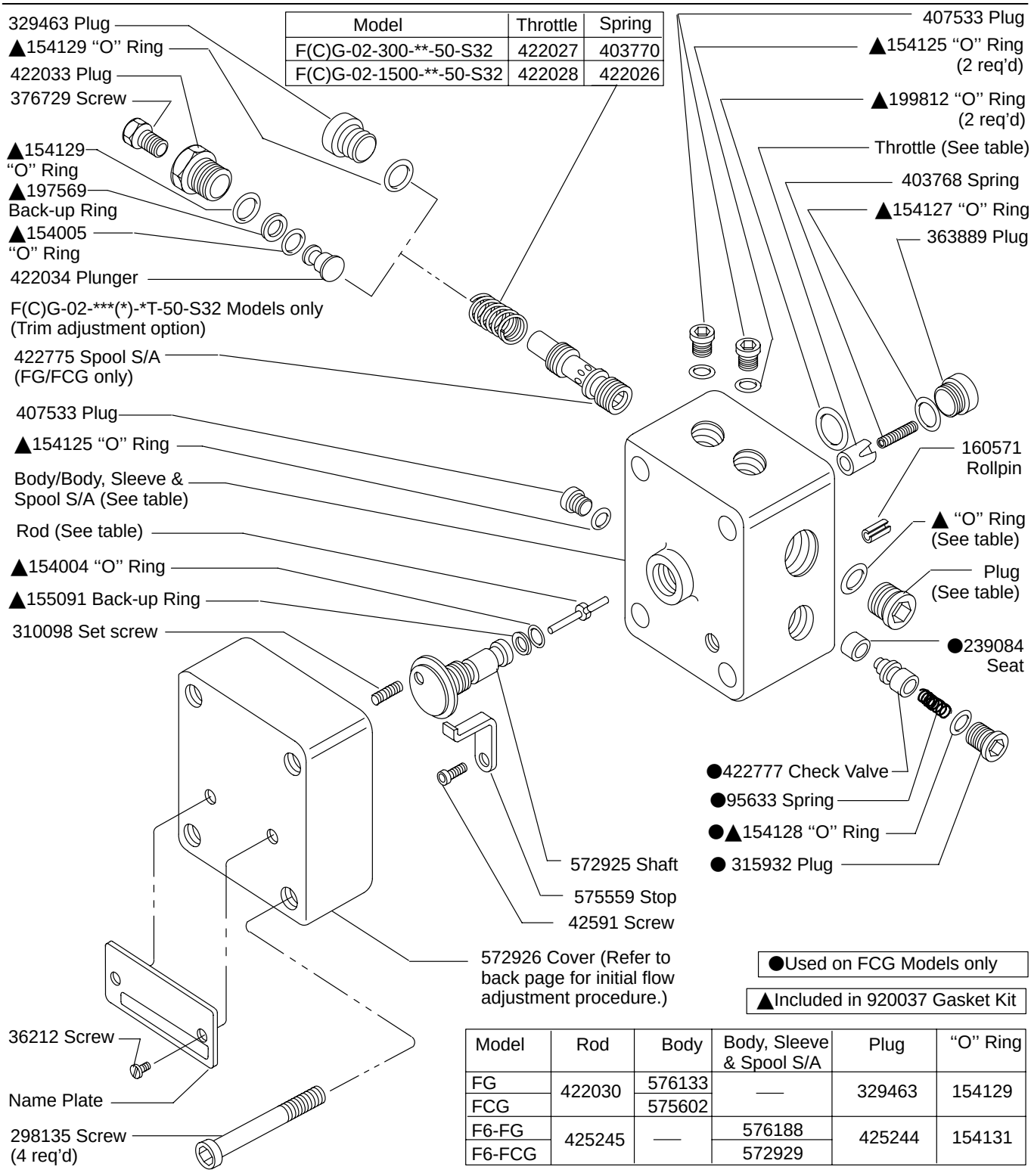
Flow Control Valves

(F6)-F(C)G-02-300-**-50-S32
(F6)-F(C)G-02-1500-**-50-S32

Model	Throttle	Spring
F(C)G-02-300-**-50-S32	422027	403770
F(C)G-02-1500-**-50-S32	422028	422026



●Used on FCG Models only

▲Included in 920037 Gasket Kit

Model	Rod	Body	Body, Sleeve & Spool S/A	Plug	"O" Ring
FG	422030	576133	—	329463	154129
FCG		575602			
F6-FG	425245	—	576188	425244	154131
F6-FCG			572929		

Model Code

(F*) F(C)G - 02 - *(*) - (T) - 50 - S32**

1 2 3 4 5 6 7

1 **Seals**

F3 - Special seals
F6 - Water-in-oil emulsions

2 **Model Series**

F(C)G - Flow control, check valve, subplate or manifold mounted

3 **Size**

02 - 1/4 inch

4 **Flow Control Flow Capacity**

300 - 300 cu. in./min.
1500 - 1500 cu. in./min.

5 **Options**

T - Trim adjustment
(Omit for standard models)

6 **Design**

7 **Special Lock Feature**

WARNING
Before breaking a circuit connection, make certain that power is off and system pressure has been released. Lower all vertical cylinders, discharge accumulators, and block any load who movement could generate pressure.

1. Remove the flow control from the machine or vehicle.

2. Separate the cover from the main body of the valve.

3. Attach a flow control to the machine without the cover. Use the mounting bolt kit BKFG-02-640 to secure the valve during alignment.

Note

The bolt kit consists of four (4) 5/16-18, 2” long socket head screws SAE grade 7 or better.

4.. Loosen set screw in flange of throttle shaft and rotate shaft clockwise to increase flow or counterclockwise to decrease flow. When flow is set, tighten the set screw.

WARNING
Before removing the valve from the machine, remove power as shown in step 4.

5.. Remove the valve from the machine.

6.. Place cover over the main body and assemble the valve to the machine or vehicle with the four screws provided with the valve.

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 OFP,OFR and OFRS filter series are recommended.

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