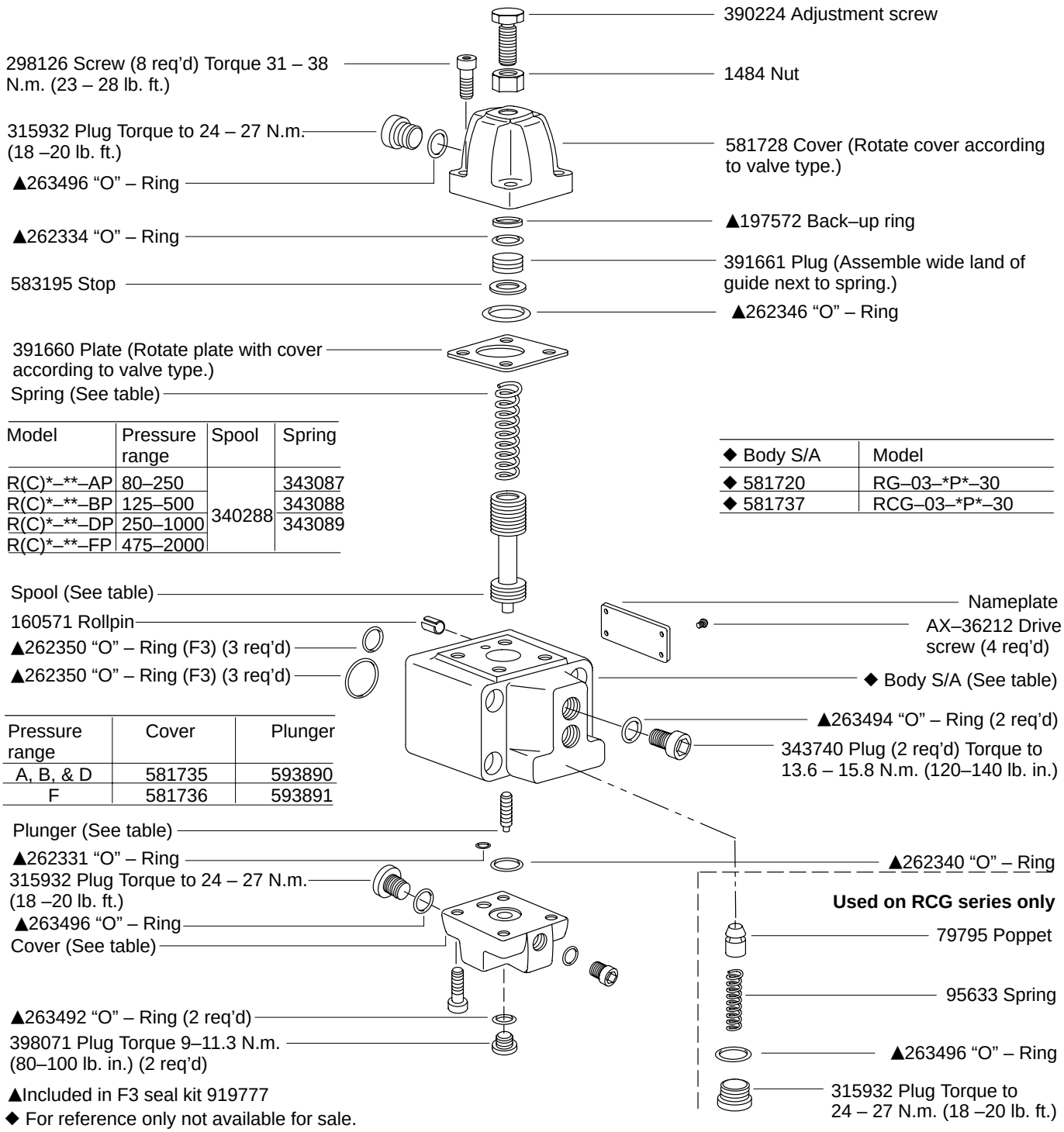
Directional Controls

Pressure Control Valves

R(C)G–03–*P*–30



Model	Pressure range	Spool	Spring
R(C)*–**–AP	80–250	340288	343087
R(C)*–**–BP	125–500		343088
R(C)*–**–DP	250–1000		343089
R(C)*–**–FP	475–2000		

◆ Body S/A	Model
◆ 581720	RG–03–*P*–30
◆ 581737	RCG–03–*P*–30

Pressure range	Cover	Plunger
A, B, & D	581735	593890
F	581736	593891

▲Included in F3 seal kit 919777

◆ For reference only not available for sale.

Model Code

(F3) - R (C) G - 03 - * P * -30

1 2 3 4 5 6 7 8 9

1 **Special seals**
(Omit on STD. models.)

2 **Pressure control valve**

3 **Check valve option**

C – With integral check valve (Reverse free flow)
Omit – No check valve

4 **Mounting**

Manfold or Subplate

5 **Nominal valve size**

03 – $^{3}/_{8}$ ″

6 **Pressure range**

A – 80 – 250 PSI
B – 125 – 500 PSI
D – 250 – 1000 PSI
F – 475 – 2000 PSI

7 **Auxiliary remote pressure control connection**

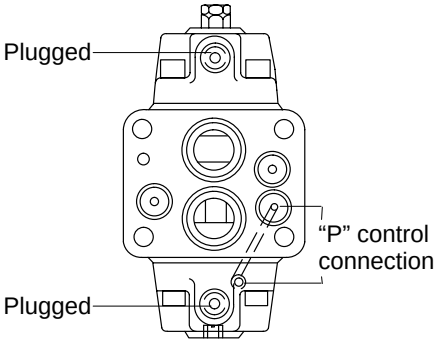
8 **Valve types**

(Inset views at bottom of page show cover positions for the (4) valve types.)

9 **Design**

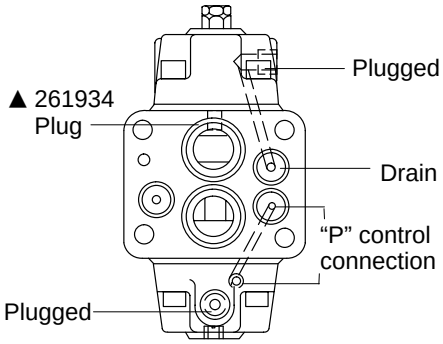
Note
Assemble covers as shown to obtain valve action desired.

Type 1
RG series – Back pressure valve
RCG series – Counterbalance valve
Directly controlled internal drain

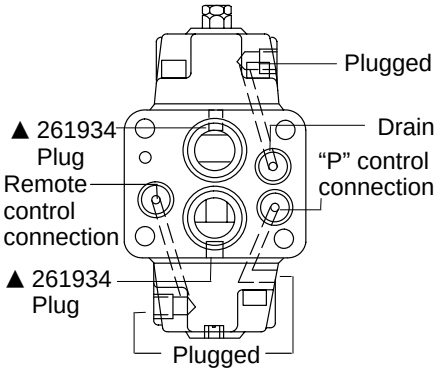


Note
Assemble covers as shown to obtain valve action desired.

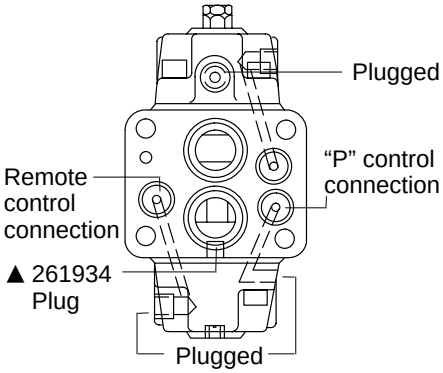
Type 2
RG or RCG series – Sequence valves
Directly controlled external drain



Type 3
RG or RCG series – Sequence valves
Remotely controlled external drain



Type 4
RG series – Unloading valve
RCG series – Counterbalance valve
Remotely controlled internal drain



For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 16/13 or cleaner. Selections from pressure, return, and in-line filter series are recommended.

© Eaton Hydraulics, Incorporated 2000
All Rights Reserved

Printed in U.S.A.