



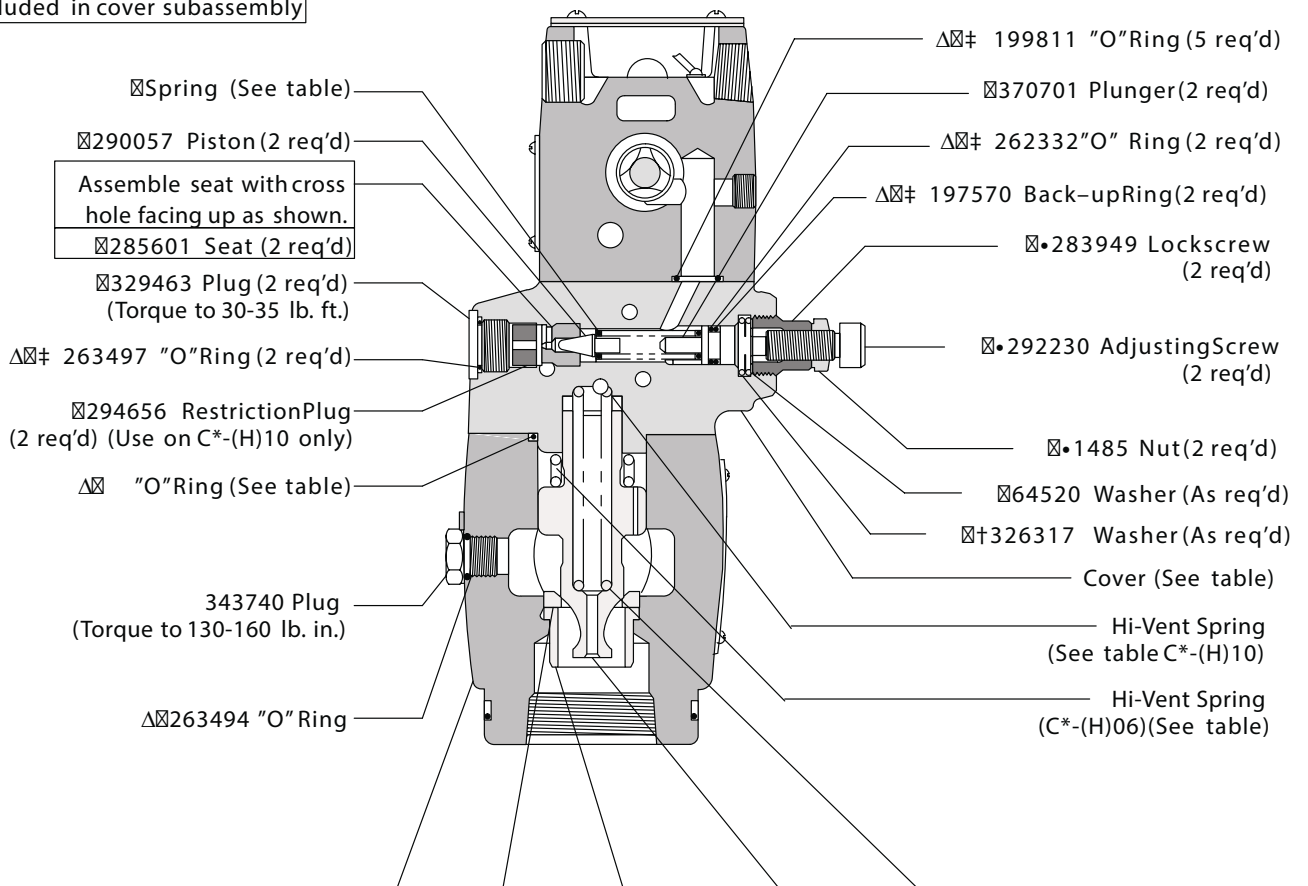
Multi-Pressure Relief Valves

CS/CT-(H)-06-*(V)(P)(*)-DG(L)-0*-(H)-(*)-20

CS/CT-(H)-10-*(V)(P)(*)-DG(L)-0*-(H)-(*)-20

Model	Head #1		Head #3		☒CT-(H)06 Cover S/A	☒CT-(H)10 Cover S/A
	☒ Spring	Pressure Range PSI	☒ Spring	Pressure Range PSI		
C*-(H)06/(H)10-BC	2280	125-1000	583937	500-2000	942155	942156
C*-(H)06/(H)10-BF			2281	1500-3000	—	—
C*-(H)06/(H)10-CF	583937	500-2000				

☒Included in cover subassembly



Model	☒"O" Ring	Body	Seat	Sleeve	Hydro Cone	Lo-Vent Spring	Hi-Vent Spring	Cover
CS-06	‡262361	581701	343153	—	343154	2077	184458	370666
CS-H06			589473	589472				
CS-10	Δ262367	580430	283954	—	283952	291822	291821	370671
CS-H10			587996	400730				
CT-06	‡262361	590348	343153	—	343154	2077	184458	370666
CT-H06			589473	589472				
CT-10	Δ262367	590300	283954	—	283952	291822	291821	370671
CT-H10			587996	400730				

‡197570 Back-up Ring
‡262332 "O" Ring
370701 Plunger

329463 Plug (Ref.)

218750 Plug

Section showing head arrangement for "E"Vent feature

Use either a Lo-Vent or Hi-Vent spring as shown. Do not use both.

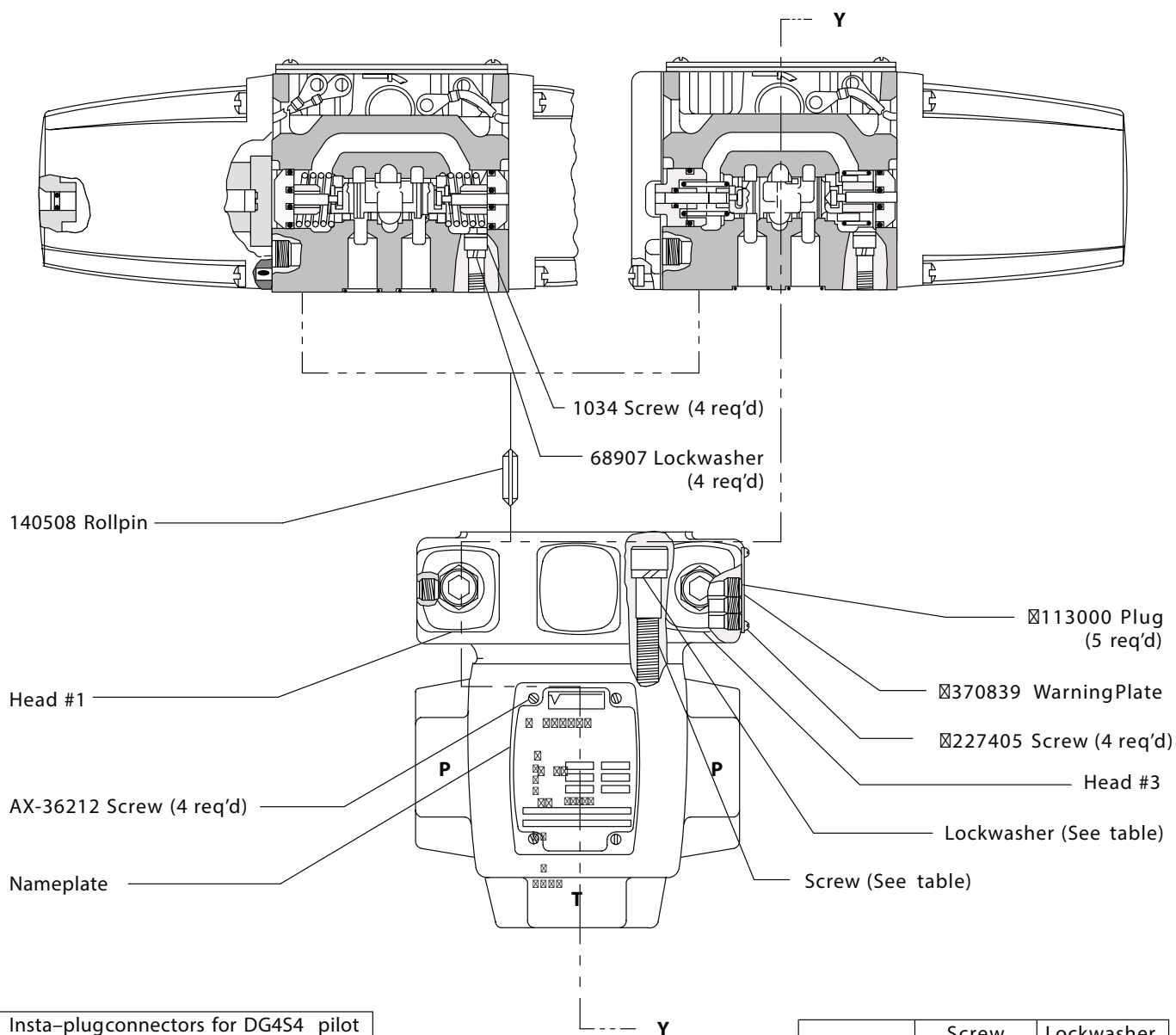
‡This part used at final test to obtain correct pressure range.

•Note

Coat 292330 Adjusting Screw, 283949 Lock Screw and 1485 Lock-nut with oil prior to assembly.

DG4S4-010N-*-51 Pilot Valve
(Refer to I-3471-S for parts information)

DG4S4-010A-*-50 Pilot Valve
(Refer to I-3478-S for parts information)



Insta-plugconnectors for DG4S4 pilot stage are shown on drawing I-3487-S.

Model	Screw (4 req'd)	Lockwasher (4 req'd)
C*-(H)06	1036	68907
C*-(H)10	1076	68909

All seals, except directional valve interface seals, are F3. Use F3 seal kit to service all units.

‡Included in (F3)C*-(H)06 Seal Kit 919684

ΔIncluded in (F3)C*-(H)10 Seal Kit 919685



WARNNG

Do not use other than a DG4S4-010A-*-50 or a DG4S4-010N-*-51 directional valve as the pilot for this relief valve. Use of a different pilot can block the relief valve, causing excessive system pressure.

Oil immersed solenoid information is shown on drawing I-3498-S.

Model Code

(F3) - C * - (H) ** - * (V) (P) (*) D G (L) - 0 * - (H) - (*) - 20

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

1 Seal Material

F3 - Seals for mineral oil and fire resistant fluids

2 Model Series

C - Relief valve

3 Connection

S - Straight thread
T - NPTF threaded

4 Flow Type

H - High flow

5 Nominal Size

06 - ⅝"
10 - 1"

6 Pressure Range PSI

(For head #1 or #3)

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

7 Vent Spring

V - Hi-vent spring
Omitted - Lo-vent spring

8 Insta Plug Type

P - Insta Plug
Omitted - Not required

9 Plug Type

A - With plug only
B - With plug and receptacle
Omitted - Not required

10 Valve Type

D - Directional valve, pilot stage

11 Mount Type

G - Manifold or subplate mounted

12 Solenoid Light Type

L - Solenoid indicator lights
Omitted - Without lights

13 Spool Type

O - Open centered spool

14 Pilot Valve Type

N - No-spring detent pilot stage
A - Offset pilot stage

15 Solenoid Type

H - Oil immersed solenoid
Omitted - Standard solenoid

16 Solenoid Voltage

Omitted - Standard solenoid 115 AC 60

17 Design

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.

Products we offer:

- Cartridge valves
- DCV directional control valves
- Electric converters
- Electric machines
- Electric motors
- Gear motors
- Gear pumps
- Hydraulic integrated circuits (HICs)
- Hydrostatic motors
- Hydrostatic pumps
- Orbital motors
- PLUS+1[®] controllers
- PLUS+1[®] displays
- PLUS+1[®] joysticks and pedals
- PLUS+1[®] operator interfaces
- PLUS+1[®] sensors
- PLUS+1[®] software
- PLUS+1[®] software services, support and training
- Position controls and sensors
- PVG proportional valves
- Steering components and systems
- Telematics

Hydro-Gear

www.hydro-gear.com

Daikin-Sauer-Danfoss

www.daikin-sauer-danfoss.com

Danfoss Power Solutions is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

Danfoss Power Solutions – your strongest partner in mobile hydraulics and mobile electrification.

Go to www.danfoss.com for further product information.

We offer you expert worldwide support for ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide you with comprehensive global service for all of our components.

Local address:

**Danfoss
Power Solutions (US) Company**
2800 East 13th Street
Ames, IA 50010, USA
Phone: +1 515 239 6000

**Danfoss
Power Solutions GmbH & Co. OHG**
Krokamp 35
D-24539 Neumünster, Germany
Phone: +49 4321 871 0

**Danfoss
Power Solutions ApS**
Nordborgvej 81
DK-6430 Nordborg, Denmark
Phone: +45 7488 2222

**Danfoss
Power Solutions Trading
(Shanghai) Co., Ltd.**
Building #22, No. 1000 Jin Hai Rd
Jin Qiao, Pudong New District
Shanghai, China 201206
Phone: +86 21 2080 6201