

Configuration: 287D Multi Terrain Loader STK00001-UP (MACHINE) POWERED BY C3.3B Engine

Disassembly and Assembly

259D, 279D, 289D, 299D and 299D XHP Compact Track Loaders, 257D, 277D, 287D, 297D and 297D XHP Multi Terrain Loaders and 236D, 242D, 246D, 262D, 272D and 272D XHP Skid Steer Loaders Power Train

Media Number -UENR3730-09

Publication Date -01/05/2015

Date Updated -13/08/2018

i06659865

Piston Pump (Hydrostatic) - Disassemble

SMCS - 5070-015-H7

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Gp	1
B	9S-9152	Puller Attachment As.	1
C	0S-1527	Bolt	1
	2J-3506	Full Nut	1
	8T-4122	Hard Washer	2
D	1P-1859	Retaining Ring Pliers	1

Start By:

- a. Remove the pump. Refer to Disassembly and Assembly, "Piston Pump (Hydrostatic) - Remove".
-

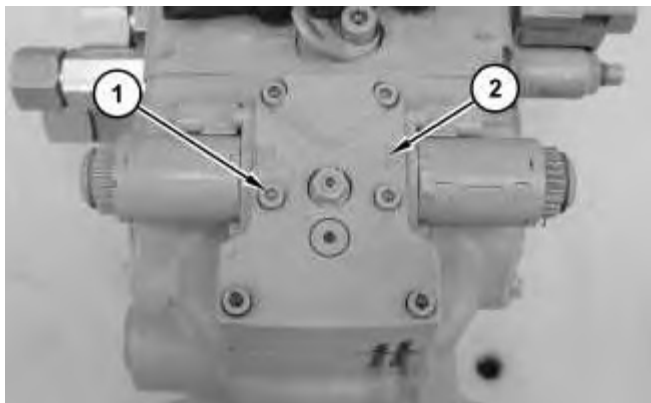


Illustration 1

g01325524

1. Remove bolts (1) and valve (2).

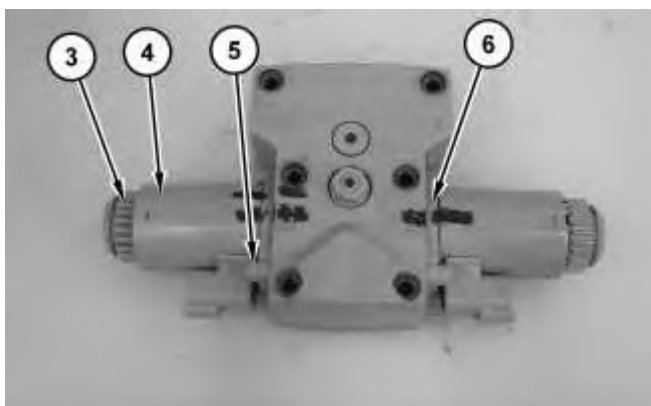


Illustration 2

g01325526

2. Remove nut (3), the O-ring seal, coil (4), bolts (5), and cartridge (6).

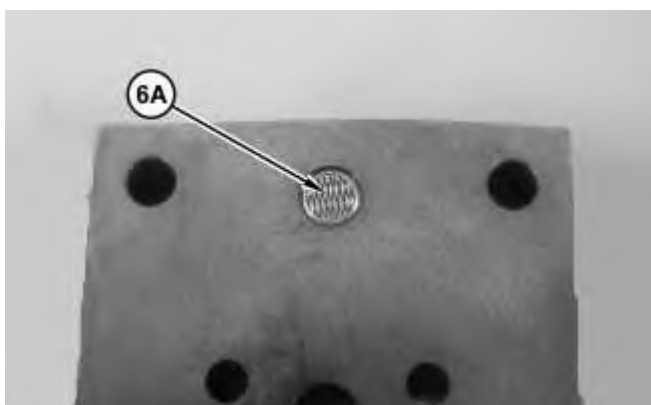


Illustration 3

g01377500

3. Remove screen (6A).

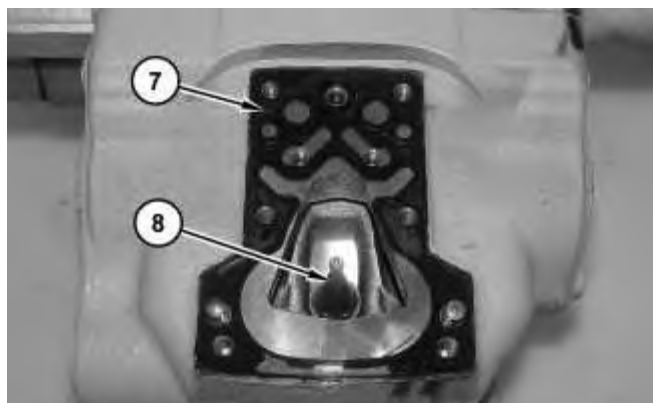


Illustration 4

g01325527

4. Remove gasket (7) and control arm (8).

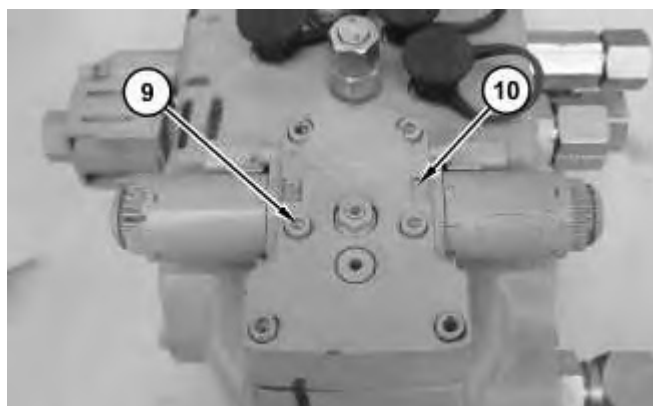


Illustration 5

g01325534

5. Remove bolts (9) and valve (10).
6. Repeat Steps 2 through Steps 4 for valve (10).

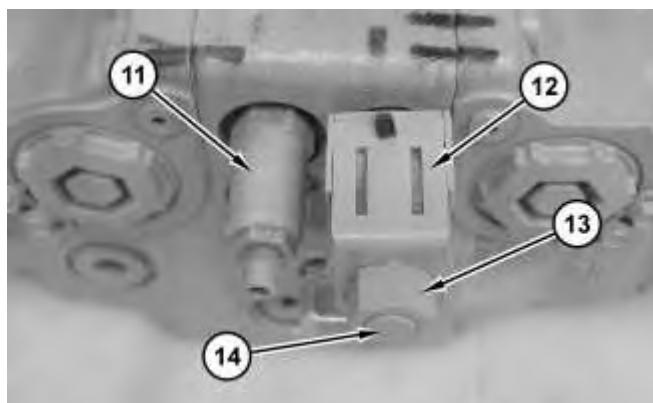


Illustration 6

g01325536

7. Remove nut (13), coil (12), and cartridge (14).
8. Remove valve (11).



Illustration 7

g01377504

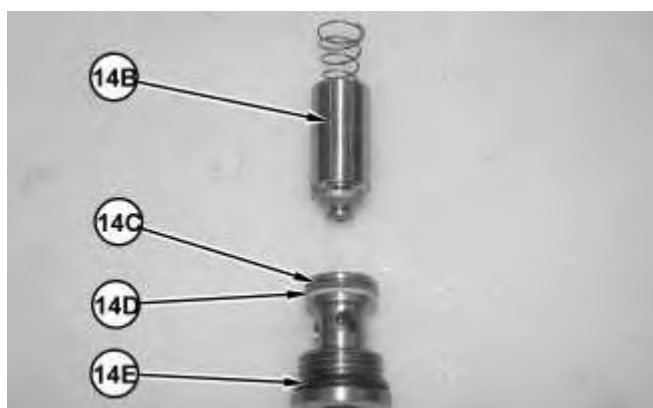


Illustration 8

g01377507

9. Remove plugs (14A), O-ring seal (14E), O-ring seal (14C), backup ring (14D) and crossover relief valves (14B), from the head.

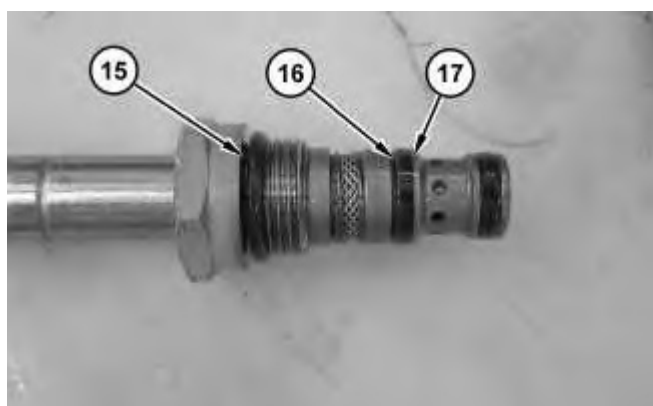


Illustration 9

g01325538

10. Remove O-ring seal (15), backup rings (16), and O-ring seals (17).

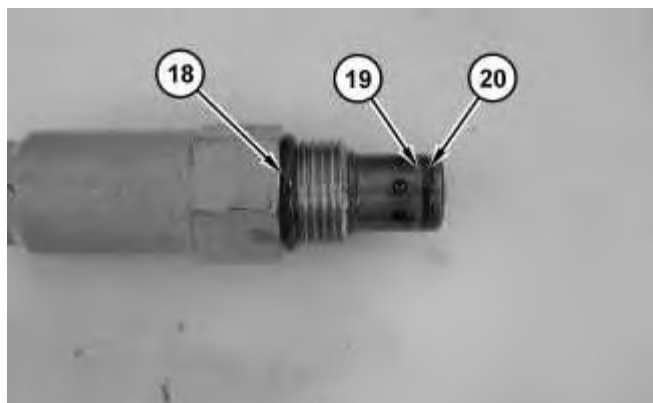


Illustration 10

g01325540

11. Remove O-ring seal (18), backup ring (19), and O-ring seal (20).

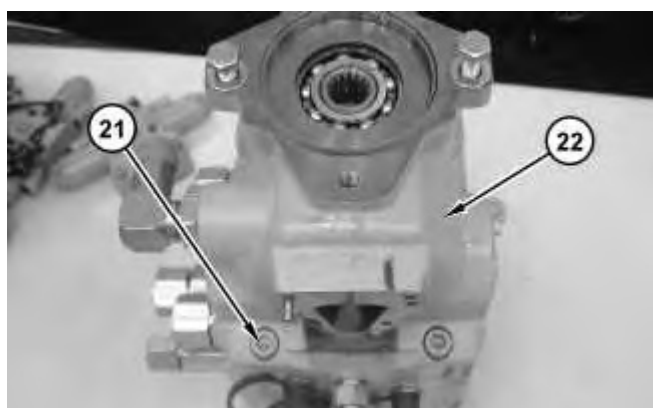


Illustration 11

g01325541

12. Remove bolts (21) and housing (22).



Illustration 12

g01325542

13. Remove bolts (25), retainer (24), and set screw (23).
14. Repeat Step 13 for the opposite side.



Illustration 13

g01325544

15. Remove O-ring seal (26).

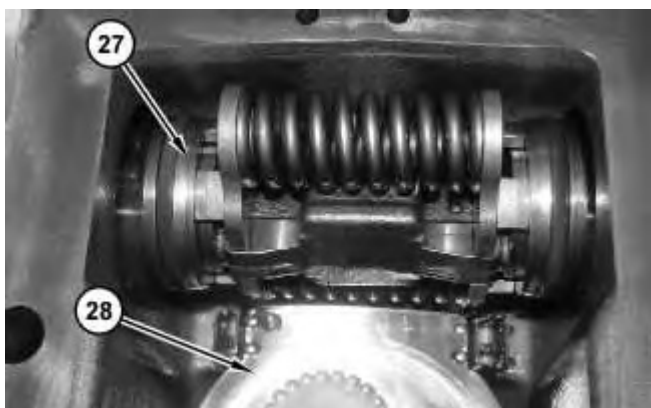


Illustration 14

g01325546

16. Remove piston assembly (27) and swashplate (28).

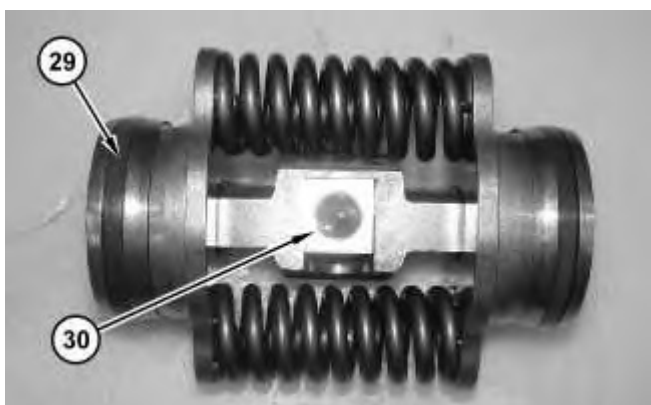


Illustration 15

g01325548

17. Remove seals (29) and block (30).



Illustration 16

g01325550

18. Remove bearings (31) from swashplate (28).



Illustration 17

g01325554

19. Remove shaft (32).

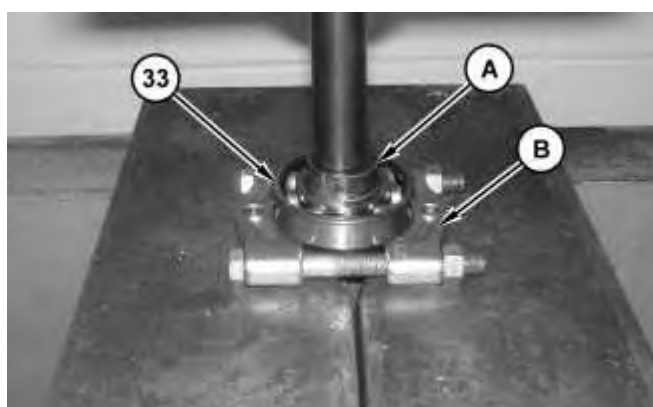


Illustration 18

g01325562

20. Use Tooling (A), Tooling (B), and a suitable press to remove bearing (33) from the shaft.

**Thank you very much
for your reading.**

**Please click here to buy
After you pay.**

**Then, you can
download the complete
manual instantly.
No waiting.**