



Service Repair Manual

Models

D6H TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D6H TRACK-TYPE TRACTOR 4YF

Configuration: D6H & D6H LGP SERIES II TRACTOR / POWERSHIFT / 4YF05500-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly D6H TRACTOR DIFFERENTIAL STEER SUPPLEMENT

Media Number -SEN3697-01

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SEN36970006

Steering And Implement Pump

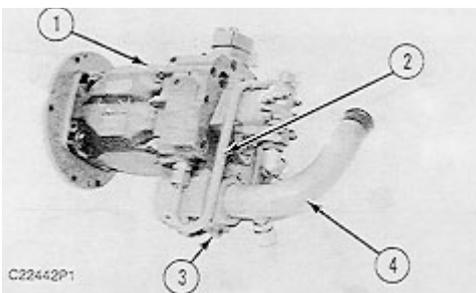
SMCS - 4306-015; 4306-016; 5084-015; 5084-016

Disassemble Steering And Implement Pump

Tools Needed		A	B	C
6V2156	Link Bracket	2		
1P2321	Puller		1	
9S9153	Arm		3	
8B7560	Step Plate		1	
1P510	Driver Group			1

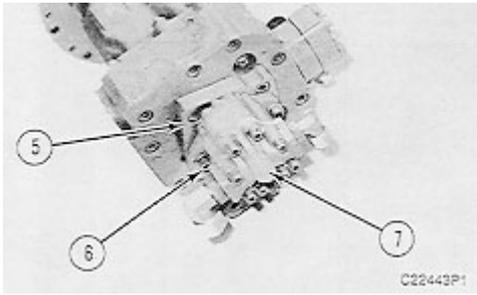
Start By:

a. remove steering and implement pump

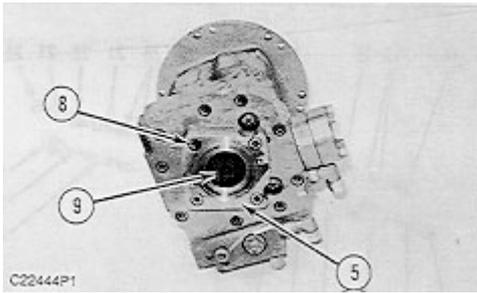


1. Remove tube assembly (2) from pump (1).

2. Remove four bolts (3), tube assembly (4) and the seal from pump (1).

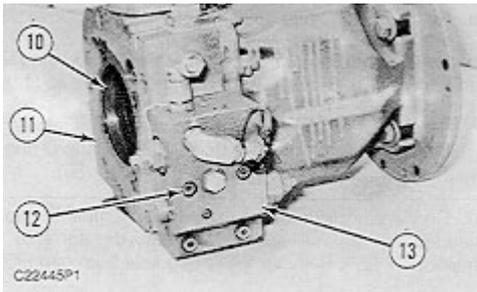


3. Remove two bolts (6), and remove hydraulic oil cooler pump (7) from adapter (5). Remove the O-ring seal from adapter (5).



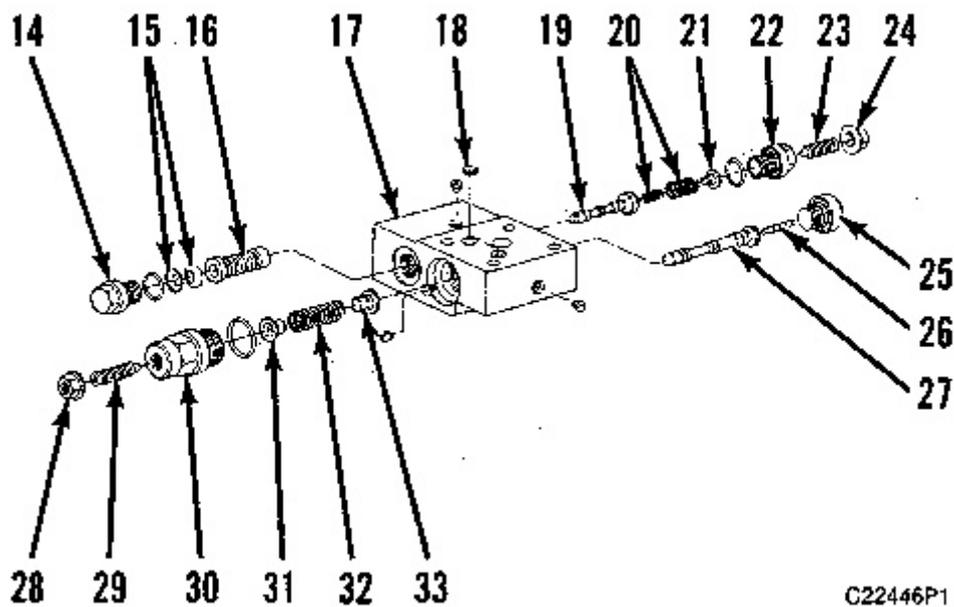
4. Remove coupler (9) from the shaft.

5. Remove four bolts (8), and remove adapter (5) from the pump.



6. Remove O-ring seal (10) from head (11).

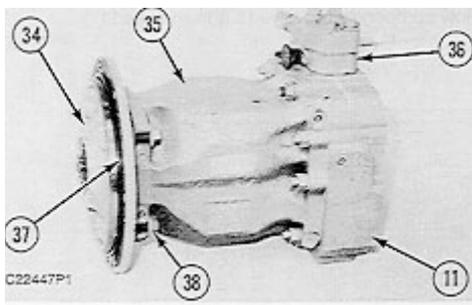
7. Remove four bolts (12), and remove pressure and flow compensation valve (13) from head (11).



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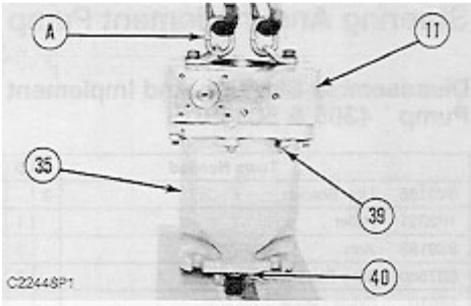
8. Disassemble pressure and flow compensation valve (13) as follows:

- a. Remove two O-ring seals (18) from valve body (17).
- b. Remove hex headed cap (14). Belleville springs (15) and spool (16). Remove the O-ring seal from cap (14).
- c. Remove cap (30), spring (32) and spring retainers (31) and (33) from the valve body. Remove the O-ring seal, screw (29) and locknut (28) from cap (30).
- d. On the other side of the valve body, remove round headed cap (25) and spool (27). Remove piston (26) from spool (27). Remove the O-ring seal (from cap (25)).
- e. Remove cap (22), spring retainer (21), springs (20), and spool (19) from valve body (17). Remove the O-ring seal, screw (23) and locknut (24) from cap (22).



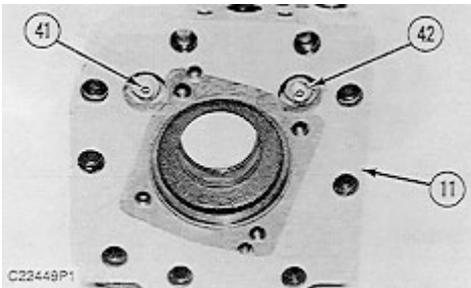
9. Remove four bolts (38), and remove adapter (34) from housing (35). Remove O-ring seal (37) from adapter (34).

10. Remove the four bolts, flanges and block (36) from head (11).

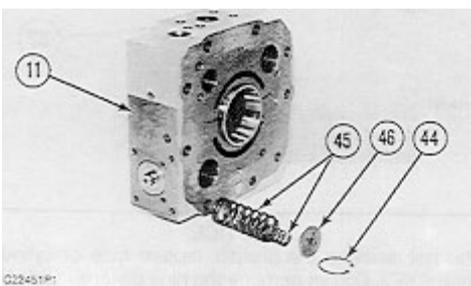
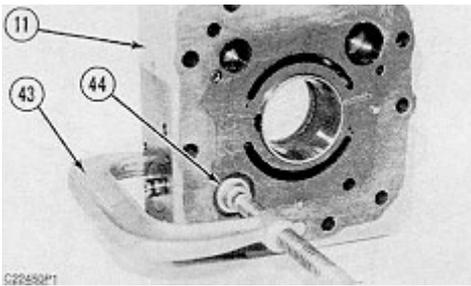


11. Remove O-ring seal (40) from housing (35).

12. Attach tooling (A) and a hoist to head (11). Remove nine bolts (39), and remove head (11) from housing (35).



13. Loosen two locknuts (42), and remove two setscrews (41) from head (11).



14. Use C-clamp (43) to compress springs (45).

15. Remove snap ring (44) and release the spring pressure on C-clamp (43). Remove retainer (46) and springs (45) from head (11).

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