



Service Repair Manual

Models

D5C III TRACK-TYPE
TRACTOR Dozer

Product: TRACK-TYPE TRACTOR

Model: D5C III TRACK-TYPE TRACTOR 9DL

Configuration: D5C Series III Tractor Direct Drive Power Shift 9DL02550-02569 (MACHINE) POWERED BY 3046 Engine

Disassembly and Assembly

D3C, D4C AND D5C SERIES II TRACTORS POWER TRAIN

Media Number -SEN5337-02

Publication Date -01/08/2004

Date Updated -15/02/2017

SEN53370018

Steering Clutches

SMCS - 4101-011; 4101-012; 4101-015; 4101-016; 4109

Remove Steering Clutches (Oil Cooled)

Tools Needed		A
1P510	Driver Group	1

Start By:

a. remove hydraulic tank*

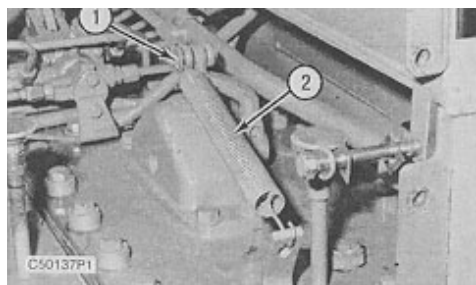
b. remove fuel tank*

*These operations are in the Disassembly And Assembly Manual, machine systems, Form No. SENR5341.

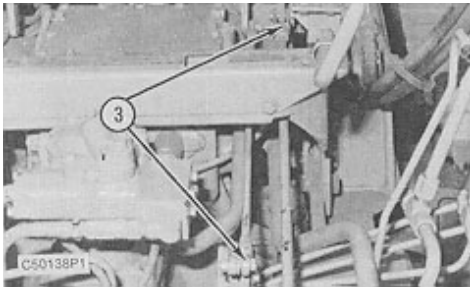
1. Drain the oil from the steering clutch compartment.

2. Remove the battery and battery frame.

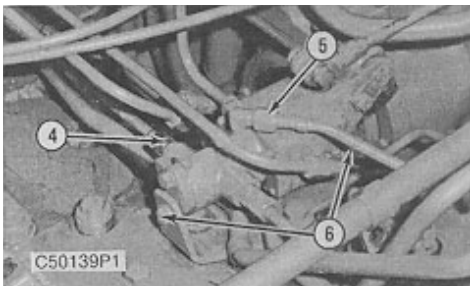
3. Remove seat and seat frame.



4. Remove spring (2) and brake linkage (1).

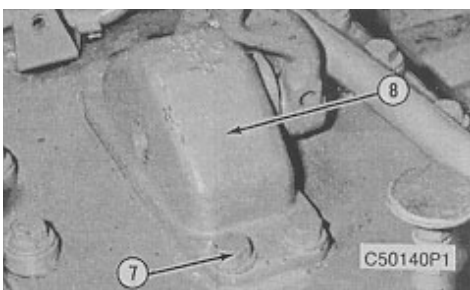


5. Disconnect steering clutch linkage (3) from the pedal assembly and steering control valve.

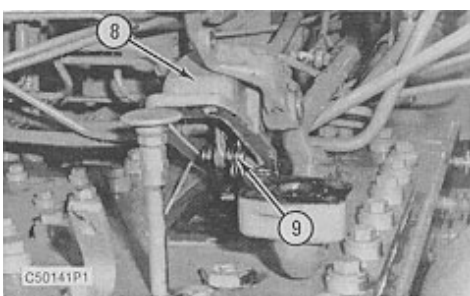


6. Disconnect seven lines (4) from control valve (5).

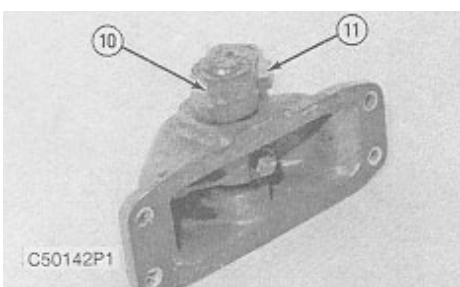
7. Remove three bolts (6) and remove control valve (5).



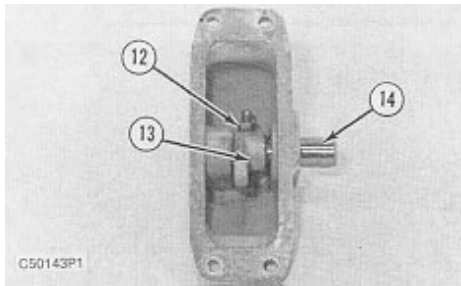
8. Remove four bolts (7) that hold brake housing (8) in place.



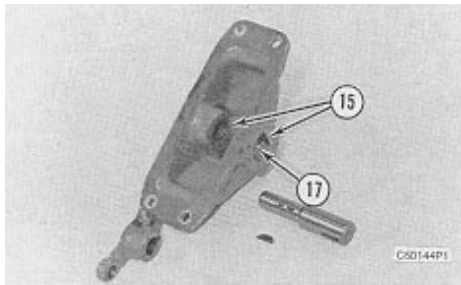
9. Lift brake housing (8) up and remove pin lock (9). Remove the pin and brake housing (8).



10. Remove bolt (11) and remove lever (10) from the shaft. Remove the key from the shaft.

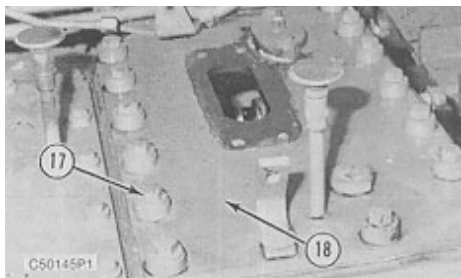


11. Loosen nut (12) and slide shaft (14) from the brake housing. Remove the key from the shaft. Remove lever (13) from the brake housing.

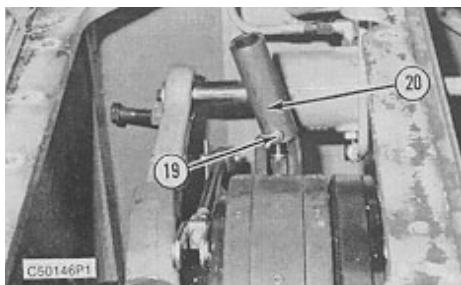


12. Inspect and replace, if needed, lip-type seal (16).

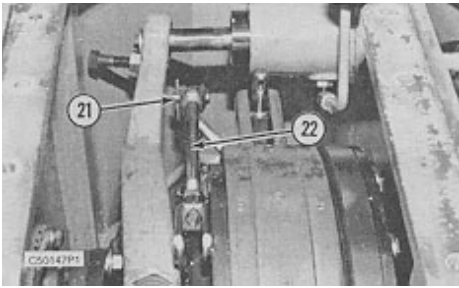
13. Inspect and replace, if needed, bearings (15). Use tooling (A) to remove and install bearings.



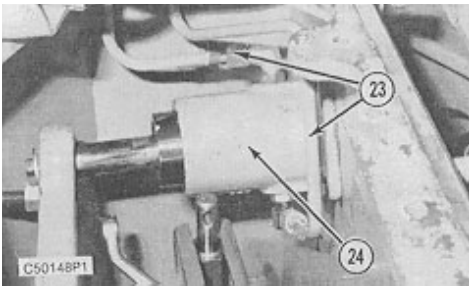
14. Remove nineteen bolts (17) washers and spacers and remove cover (18).



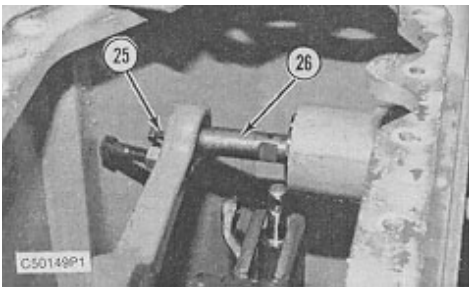
15. Remove nut and bolt (19) and remove sleeve (20).



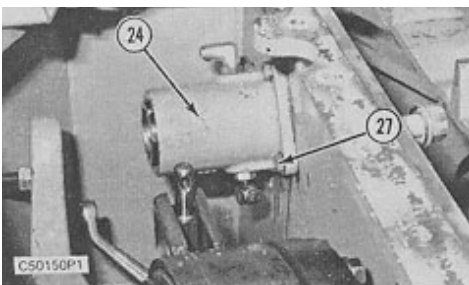
16. Remove the cotter pin and pin (21) that hold brake linkage (22) in place and remove linkage (22).



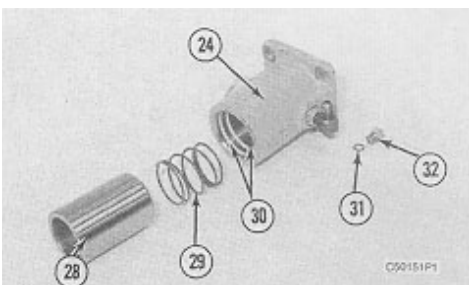
17. Remove two oil lines (23) from the clutch cylinder (24).



18. Disconnect yoke by removing bolt (25). Remove pin (26) from the clutch cylinder.



19. Remove four bolts (27) and remove cylinder (24).



20. Remove piston (28) and spring (29).

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