



Service Repair Manual

Models

D7H TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D7H TRACK-TYPE TRACTOR 5WB

Configuration: D7H & D7H LGP SERIES II TRACTORS / POWERSHIFT / 5WB04000-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly D7H TRACTOR POWER TRAIN

Media Number -SEN4176-01

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SEN41760021

Steering Clutch And Brake

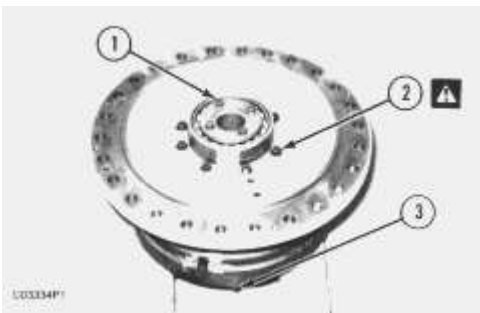
SMCS - 4100-015; 4100-016

Disassemble Steering Clutch And Brake

Tools Needed		A	B	C	D
5P9736	Link Bracket	3			
5P5197	Pliers		1		
1P7405	Forged Eyebolt, 3/8"			3	
1P520	Driver Group				1

Start By:

- a. separate final drive from steering clutch and brake



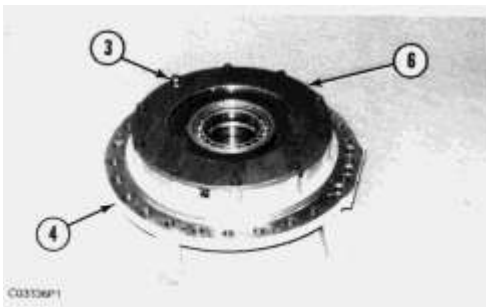
WARNING

The brake group contains springs that are under compression. To prevent possible personal injury from flying parts, the brake group must be disassembled exactly as the following steps describe. Do not remove bolts (2) until after bolts (3) are slowly loosened and removed.

1. Remove the four bolts and plate (1) from the steering clutch and brake assembly. Do not remove bolts (2) at this time.



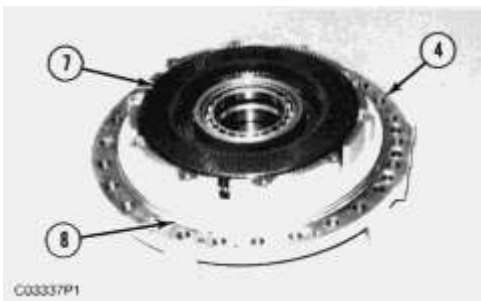
2. Install tooling (A), and attach a hoist. The weight of brake group (4) is **159 kg (350 lb)**. Remove brake group (4) from steering clutch group (5).



! WARNING

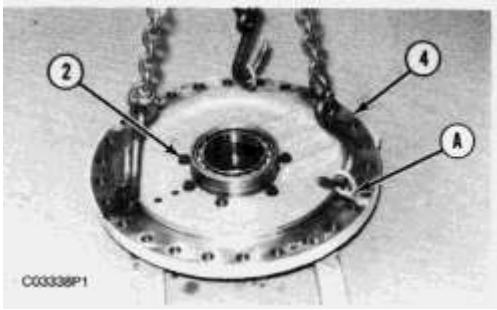
To prevent possible personal injury from flying parts, make sure bolts (2) are tight before bolts (3) are removed. Bolts (3) are long enough to release the spring pressure behind retainer (6) as long as bolts (3) are installed.

3. Turn brake group (4) over. Evenly loosen 10 bolts (3) to release the spring pressure behind retainer (6). Remove bolts (3) and retainer (6).

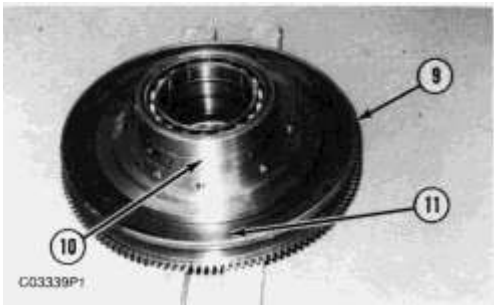


4. Remove four discs (7) and the three plates from brake housing (4).

5. Remove O-ring seal (8) from the brake group.



6. Turn the brake group over, and install tooling (A). The weight of brake housing (4) is **73 kg (161 lb)**. Remove seven bolts (2). Use a soft hammer, and remove brake housing (4) from the retainer.

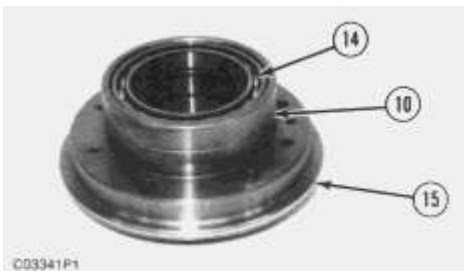


7. Remove ring (9) and spring (11) from retainer (10).



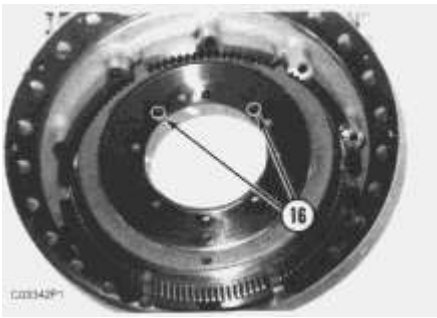
8. Remove ring (12) and piston (13) from the retainer.

9. Remove the seal ring from the inner diameter of piston (13).

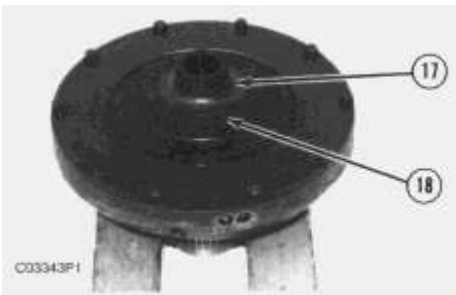


10. Remove seal ring (15) from retainer (10).

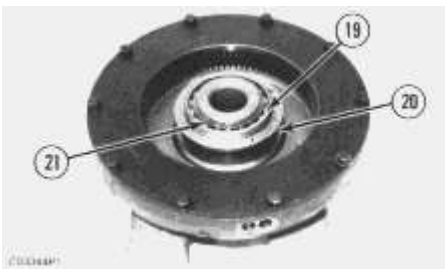
11. Remove two ball bearings (14), one from each side of retainer (10).



12. Remove two O-ring seals (16) from the brake housing.

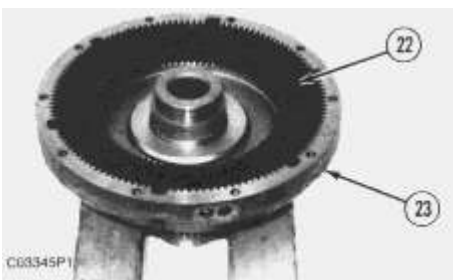


13. The weight of the steering clutch group is **159 kg (350 lb)**. Remove four bolts (18) and hub (17).



14. Use tool (B), and remove retaining ring (21).

15. Remove plate (20) and bearing (19) from the steering clutch group.



16. Remove the 10 bolts and the retainer.

17. Remove five discs (22) and the four plates from housing (23).

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