



Service Repair Manual

Models

637E WHEEL TRACTOR

Product: WHEEL SCRAPER

Model: 637E WHEEL SCRAPER 1HB

Configuration: 637E Series II Wheel Tractor-Scraper (Coal) 1HB00691-UP (MACHINE) POWERED BY 3306 Engine

Disassembly and Assembly 631E & 637E TRACTOR POWER TRAIN

Media Number -SEN4143-01

Publication Date -01/10/2004

Date Updated -17/03/2010

SEN41430019

Transmission

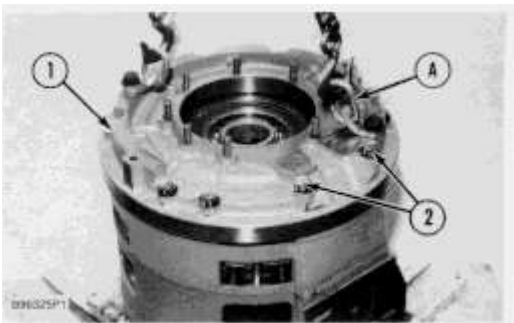
SMCS - 3150-015; 3150-016

Disassemble Transmission

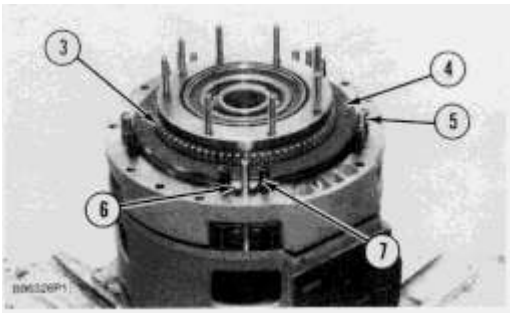
Tools Needed		A	B	C	D	E
5P9736	Link Bracket	2				
1P1859	Retaining Ring Pliers		1			
5P4758	Internal Pliers			1		
FT833	Clamp Assembly				2	
1P2420	Transmission Repair Stand					1

START BY:

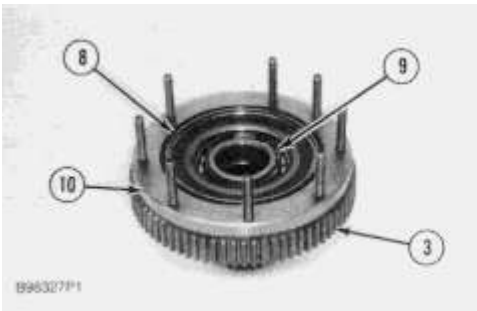
a. remove torque converter



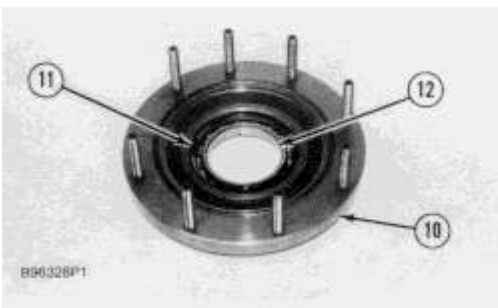
1. Fasten a hoist and tooling (A) to housing assembly (1). Remove bolts (2) and the housing assembly from the planetary group. The weight of the housing assembly is 39 kg (86 lb.).



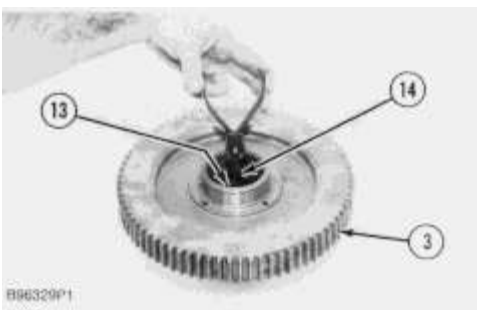
2. Remove dowels (5) and springs (7) from the housing.
3. Remove two discs (4) and one plate (6).
4. Remove hub assembly (3) and the cage assembly as a unit.



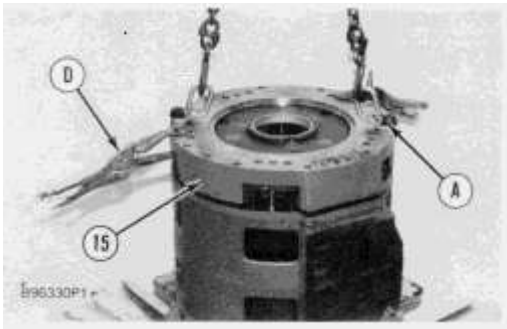
5. Remove O-ring seal (8) from cage assembly (10).
6. Use tool (B), and remove snap ring (9) from the hub assembly.
7. Remove the bearing and cage assembly (10) from hub assembly (3) as a unit.



8. Use tool (C), and remove snap ring (11) from cage assembly (10).
9. Remove bearing (12) from the cage assembly.



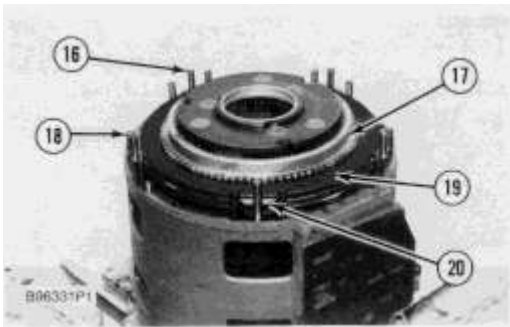
10. Use needle nose pliers to compress ring (14). Remove hub assembly (3) from gear (13). Remove the ring from gear (13).



11. Install tool (D) to hold the piston in housing (15).

12. Fasten a hoist and tooling (A) to housing (15). Remove the housing and piston as an assembly. The weight of the housing and piston is 25 kg (55 lb.).

13. Remove the piston from housing (15). Remove the seals from the piston.



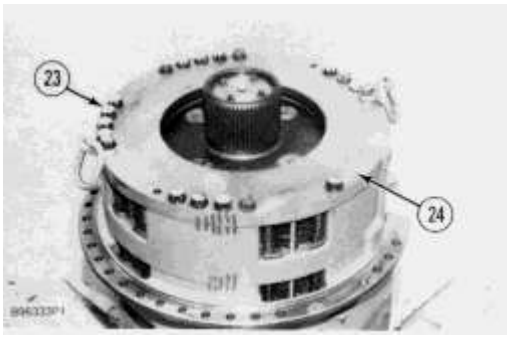
14. Remove dowels (16) and springs (18) from the plate assembly.

15. Remove three discs (19), two plates (20) and gear (17).



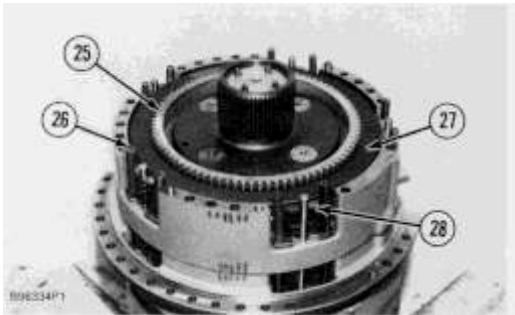
16. Remove plate assembly (21).

17. If necessary, remove dowels (22) from the plate assembly.



18. Turn the planetary group over on tooling (E). The weight of the planetary group is 499 kg (1100 lb.).

19. Remove bolts (23) and plate assembly (24) from the planetary group.



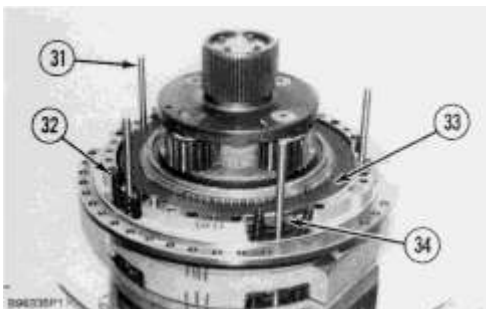
20. Remove springs (26) from the housing.

21. Remove five discs (27), four plates (28) and gear (25) from the No. 7 clutch housing.



22. Fasten a hoist and tooling (A) to housing assembly (30). Remove the housing assembly and piston (29) as an assembly. The weight of the housing assembly and piston is 30 kg (66 lb.).

23. Remove piston (29) from housing assembly (30). Remove the seals from the piston.



24. Remove dowels (31) and springs (32).

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com