

Product: TRACK-TYPE TRACTOR

Model: D6R TRACK-TYPE TRACTOR 7GR

Configuration: D6R Track-Type Tractor Differential Steering 7GR00001-UP (MACHINE) POWERED BY 3306 Engine

Disassembly and Assembly D6R TRACK-TYPE TRACTOR POWER TRAIN

Media Number -SEN9496-02

Publication Date -01/11/2004

Date Updated -23/07/2018

SEN94960032

Final Drive, Planetary And Brake (Right Side)

SMCS - 4132-010

Remove And Install Right Final Drive, Planetary And Brake

Tools Needed		A	B
FT1952	Axle Removal Tool	1	
8T3207	Lifting Bracket		1
5P8622	Shackle		1
1D4615	Bolt (3/4" - 10 x 5 1/2")		2
1B4331	Nut (3/4" - 10)		2
5P8248	Washer		4

Start By:

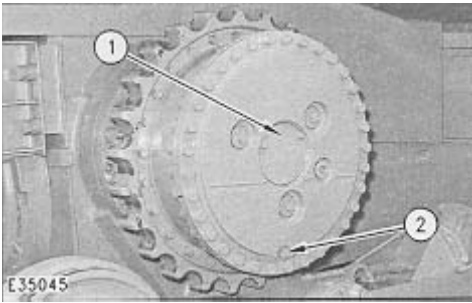
- separate track (right side)



WARNING

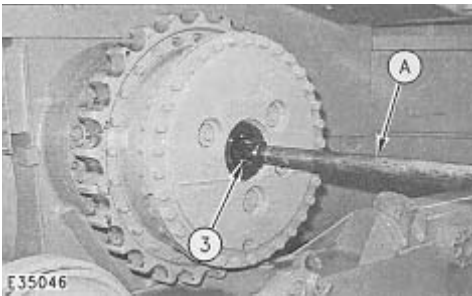
Before doing any service work which requires separating a track, a thorough inspection of the front track roller frame must be made. See Special Instruction, Form No. SMHS8273-02.

1. Remove the drain plug from the transmission and bevel gear case, and drain the power train oil. Install the drain plug.

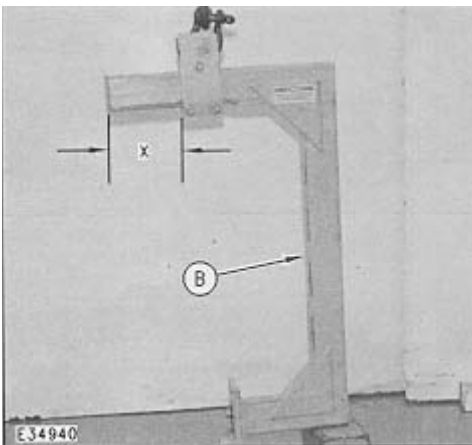


2. Turn the final drive until drain plug (2) is on the bottom as shown. Remove drain plug (2), and drain the oil from the final drive. Install the drain plug.

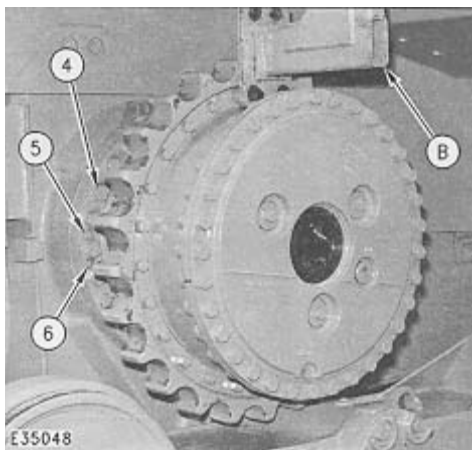
3. Remove the three bolts and cover (1) from the final drive. Remove the O-ring seal from the cover.



4. Install Tooling (A) and remove outer axle (3).



5. Adjust the top bracket on Tooling (B) so that dimension (X) is 165 mm (6.5 in.). The lower mounting bracket must be installed with the spacers outward as shown.



6. Remove two of the bolts from the sprocket segment. Fasten a hoist and Tooling (B) on the final drive.

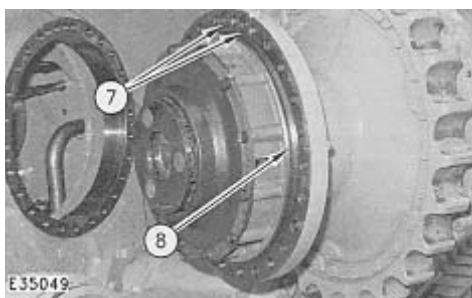
NOTICE

Do not remove two bolts (5) that hold the final drive to the planetary and brake.

7. Remove twenty six bolts (4) that hold the final drive, planetary and brake to the frame.

8. Remove two bolts (6) that hold the planetary and brake to the frame.

9. Using Tooling (B) and hoist, remove the final drive, planetary and brake as a unit. The weight of the final drive, planetary and brake assembly is 577 kg (1270 lb.).



10. Remove O-ring seals (7) and (8) from the planetary and brake housing.

NOTE: The following steps are for installation of the right final drive, planetary and brake.

11. Install O-ring seals (7) and (8) on the planetary and brake housing. Put clean oil on the O-ring seals.

12. Fasten a hoist and Tooling (B) on the final drive. Make an adjustment to Tooling (B) if needed, to level the final drive, planetary and brake.

13. Put the final drive, planetary and brake in position on the tractor.

14. Install two bolts (6) that hold the planetary and brake in position on the frame.

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