



# Service Repair Manual

## **Models**

# D10 TRACK-TYPE TRACTOR

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Product: TRACK-TYPE TRACTOR

Model: D10 TRACK-TYPE TRACTOR 76X

Configuration: D10 TRACTOR 76X00001-00358 (MACHINE) POWERED BY D348 ENGINE

## Disassembly and Assembly D10 TRACTOR POWER TRAIN

Media Number -SEN7491-02

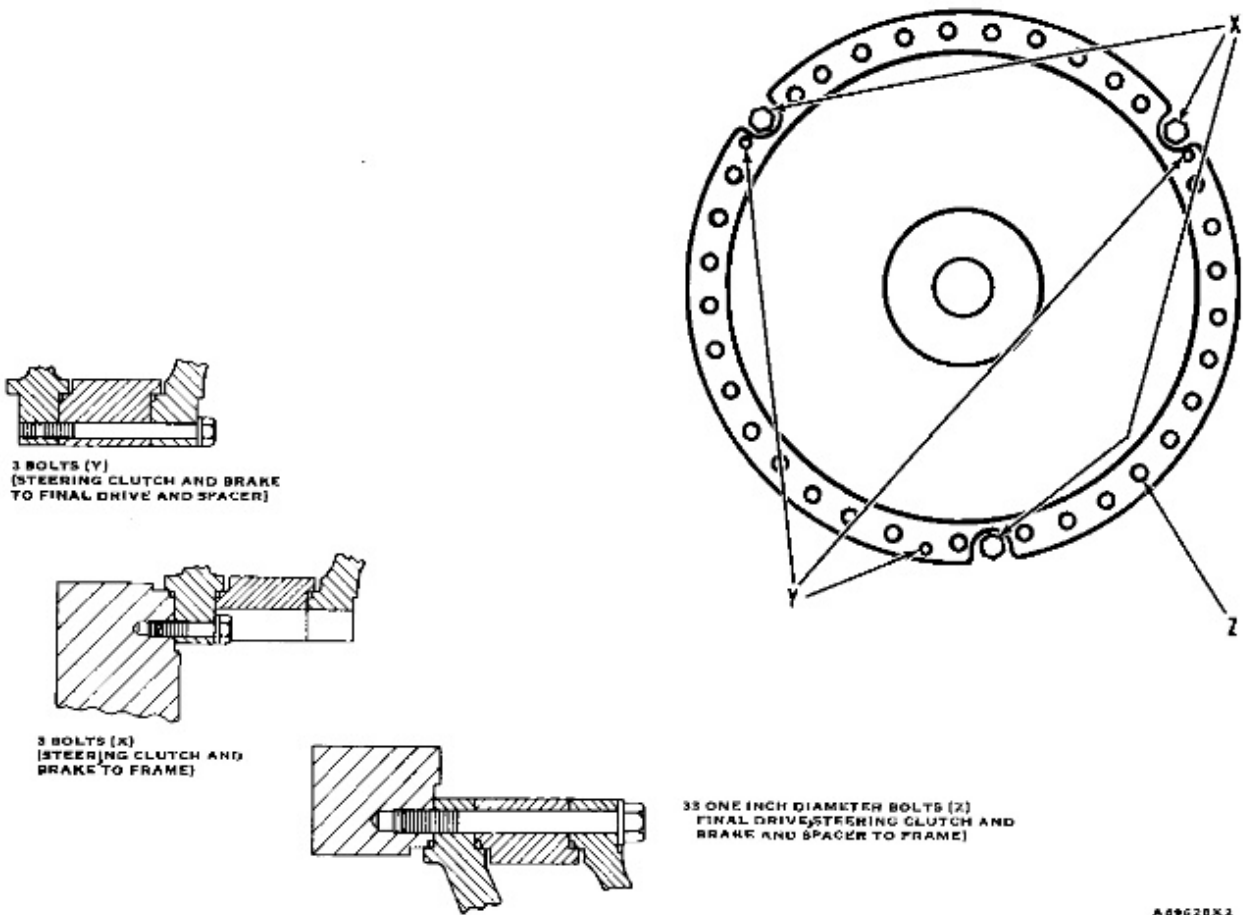
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SEN74910016

### Final Drive

SMCS - 4050-11; 4050-12; 4050-15; 4050-16



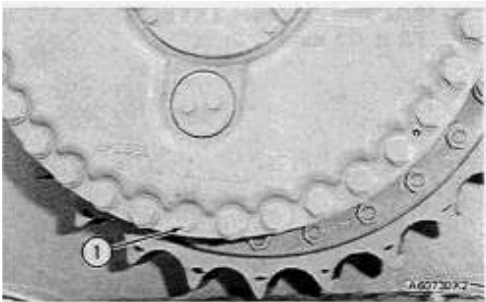
### Remove Final Drive

Tools Needed		A	B
5P7395	Axle Installer	1	
5P7281	Adapter		1
7F4283	Bolt		2
5P7284	Plate Loop		1
5P7279	Adjustable Hook		1
5P8622	Shackle Assembly		1
2H3745	Bolt		4
3K5234	Washer		4
7F5227	Bolt		2

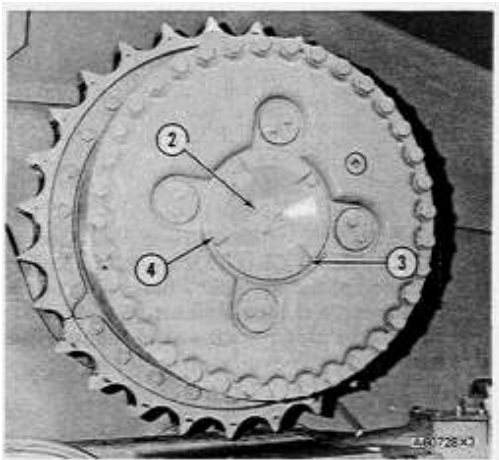
start by:

**a) separation of track**

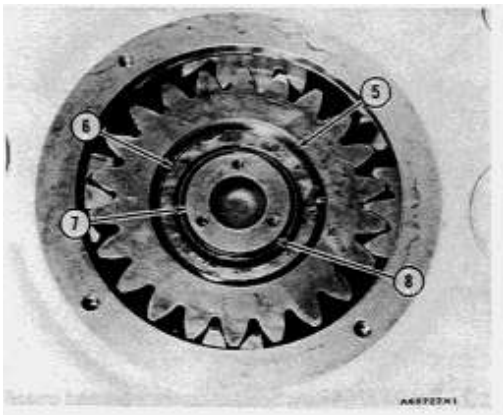
**NOTE:** The final drive planet carriers, hub and ring gear can be removed in chassis. See REMOVE FINAL DRIVE PLANET CARRIERS, HUB AND RING GEAR (in chassis).



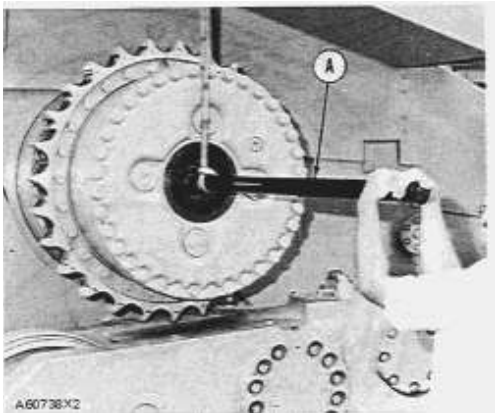
**1.** Turn the final drive until drain plug (1) is on the bottom as shown. Remove drain plug (1) and drain the oil from the final drive.



**2.** Remove three bolts (2) from the center of cover (4). Remove four bolts (3) and cover (4) from the final drive. Remove the O-ring seal from the cover.



3. Remove spiral lockring (5), ring (6) and retainer (7). Remove O-ring seal (8) from retainer (7).

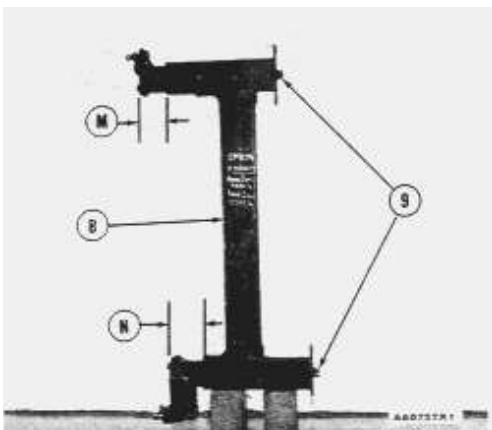


4. Install tool (A) and fasten a hoist as shown. Remove the outer axle. The weight of the outer axle is 85 lb. (39 kg).

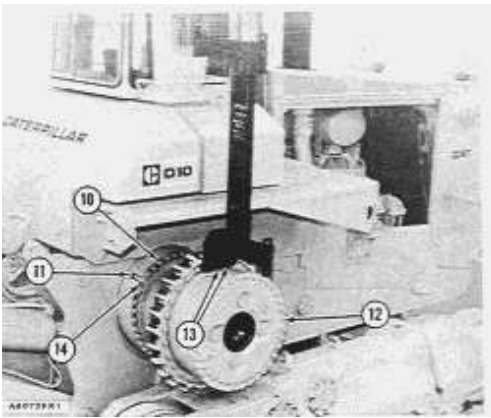
 **WARNING**

**Make sure that the short support of tooling (B) is on bottom and the long support is on the top when distances (M) and (N) are made.**

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5. Make an adjustment to bolts (9) on tooling (B) so distance (M) is 5 in. (12.70 cm) and distance (N) is 5.5 in. (13.97 cm).



6. Remove two bolts from the sprocket segments. Fasten a hoist and install tooling (B). Make an adjustment to bolts (13) until the bolts are against the final drive hub.
7. Remove thirty-three one inch diameter bolts (10) that hold the final drive, steering clutch, and brake and spacer to the frame.
8. Remove three 5/8" bolts (14) that hold the steering clutch and brake to the final drive and spacer.

 **WARNING**

**Do not remove the three 5/8 in. diameter bolts (11). Bolts (11) hold the steering clutch and brake to the frame.**

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9. Remove final drive (12) from the frame. The weight is 4450 lb. (2003 kg).
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**NOTICE**

**Make sure the final drive is level when it is removed to prevent damage to the bladder.**

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 **WARNING**

**Remove tooling (B) from the final drive before the hoist is disconnected from tooling (B).**

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## **Install Final Drive**

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