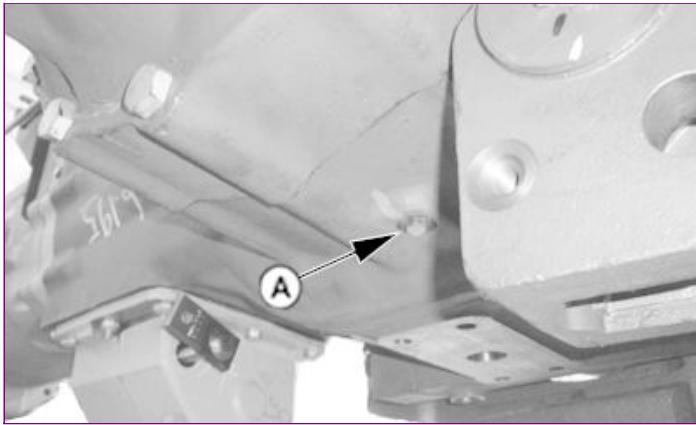


**TM608819 - 6100D, 6110D, 6115D, 6125D and 6130D(Tier 0 –Tier 3/Stage IIIA)
Tractors Repair Technical Manual(60000—), 11/2014—
Remove and Install Final Drive Assembly**

Remove and Install Final Drive Assembly

1. **NOTE:**

*It is not necessary to remove fuel tank, but doing so may ease removal and installation of left-hand final drive.
(See Remove and Install Fuel Tank in Section 30, Group 05.)*



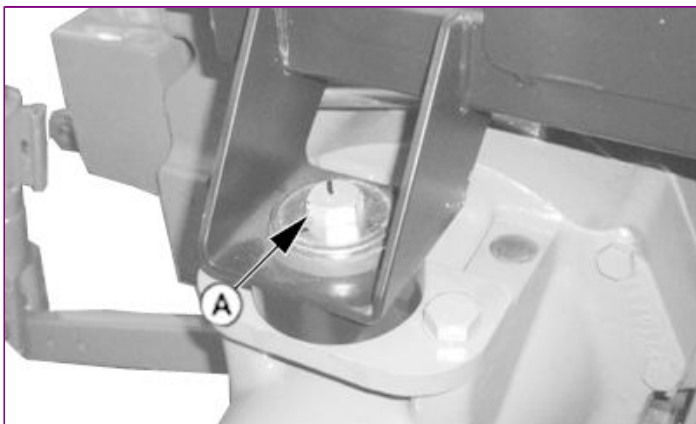
PUC2088-UN: Final Drive Drain

LEGEND:

A - Drain Plug

Remove final drive drain plug (A) to drain oil into suitable container.

2. Install drain plug (A).
-

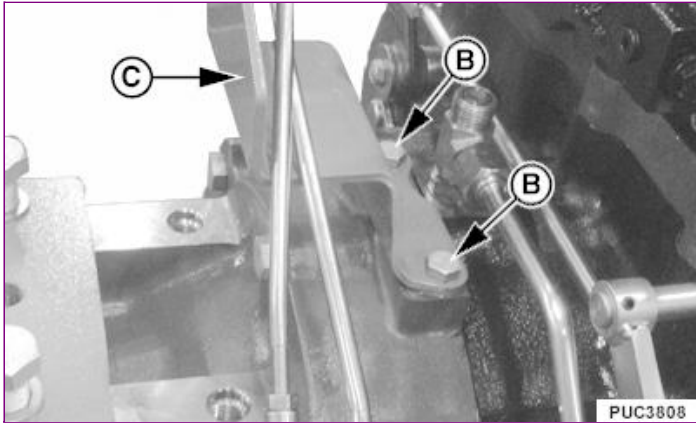


3. PUC2208-UN: .

LEGEND:

A - Cap Screw (4 used)

Loosen the cab mounting cap screws. Remove cap screw (A) while removing final drive housing.

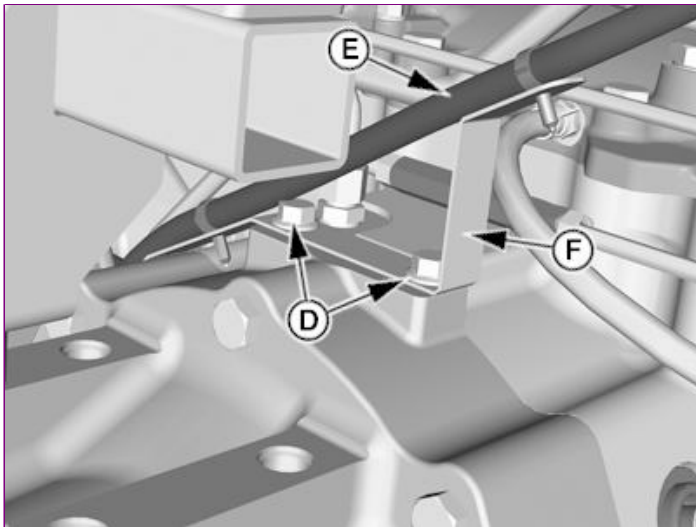


4. PUC3808-UN: Right-Hand Side Half Axle

LEGEND:

- B - Screw (2 used)
- C - SCV Mounting Bracket

Loosen SCV mounting bracket (C) by removing cap screws (B) while removing final drive housing.



5. PY20649-UN: Left Hand Side Half Axle

LEGEND:

- D - Cap Screws
- E - Transmission Harness
- F - Bracket

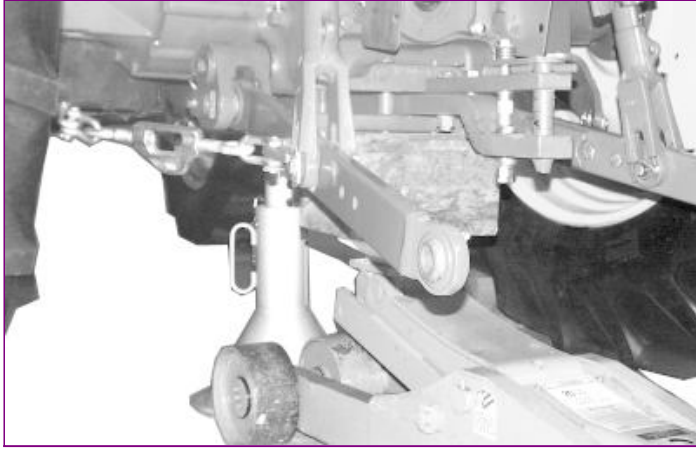
Loosen transmission harness bracket (F) by removing cap screws (D) while removing the final drive housing.

6.



CAUTION:

Prevent bodily injury caused by accidental dropping of tractor when removing wheel. Use jack and floor stands with a minimum capacity of 4540 kg (10,000 lb.).



PUC2089-UN: Jacking of Tractor

Jack tractor from under drawbar support and set jack stands under front of drawbar.

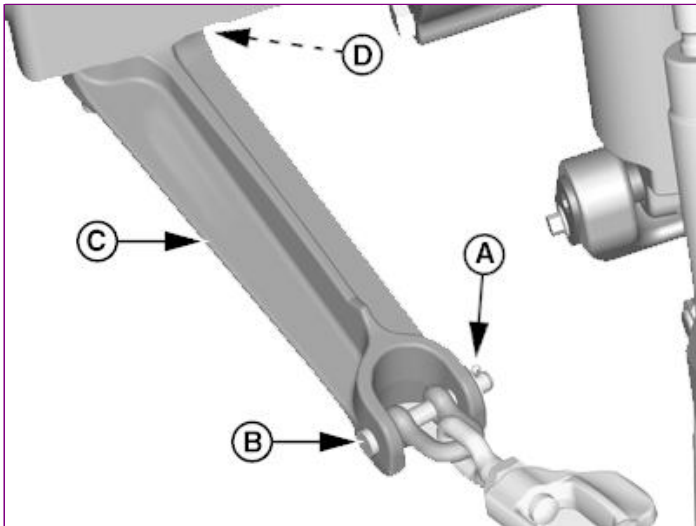
7.

 **CAUTION:**

The approximate weight of the wheel and tire assembly is 260 kg (573.20 lb.).

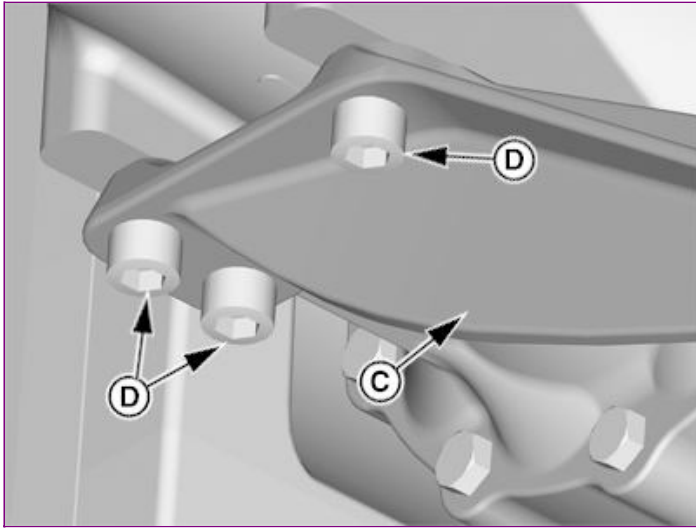
Item	Measurement	Specification
Wheel and Tire	Weight	260 kg (573.20 lb.)

Remove left-hand wheel assembly. (See Remove and Install Front and Rear Wheels in Section 80, Group 15.)



8.

PY20651-UN: .



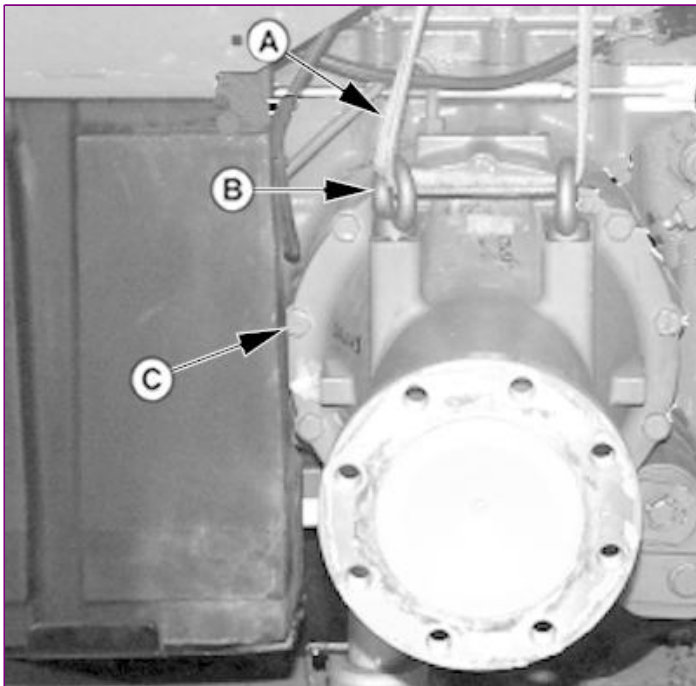
PY20650-UN: .

LEGEND:

- A - Cotter Pin
- B - Pin
- C - Bracket, Link Arm
- D - Cap Screw (3 used)

Remove cotter pin (A) and pin (B).

9. Remove cap screws (D) and link arm bracket (C).



10. PUC2092-UN: .

LEGEND:

- A - Lifting Device
- B - Eyebolt (2 used)
- C - Cap Screw (10 used)

Install eyebolts (B) into existing holes.

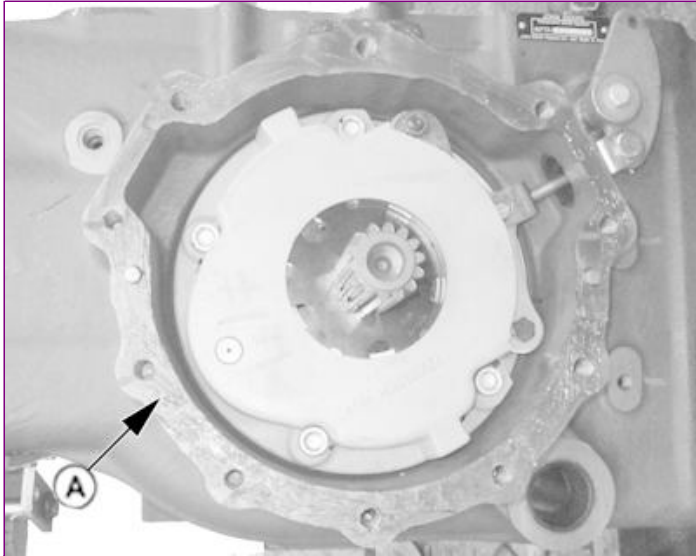
11. Attach a suitable lifting device (A).
12. Remove cap screws (C) and final drive from transaxle.



13. PUC2093-UN: Final Drive Axle

Remove pinion shaft.

14. Inspect all parts for wear or damage. Replace as necessary.
15. Install pinion shaft.



16. PUC2094-UN: Final Drive Mating Surface

LEGEND:

A - Transaxle Housing

Clean mating surfaces of final drive and transaxle housing (A) using TY16285 Cure Primer.

17. Apply TY6304 Flexible Sealant to mating surfaces.

18. **NOTE:**

Gently rotate axle while positioning the final drive pinion into the planetary gears.

Install final drive assembly onto transaxle housing.

19. **NOTE:**

Tighten all cap screws, using a crisscross pattern, when housings are mated.

Tighten cap screws to specification.

Item

Measurement

Specification

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