

GRAVELY

A DIVISION OF CLARKE-GRAVELY CORPORATION

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INSTALLATION INSTRUCTIONS
19814E1 Rear PTO
Form No: 19972P1
Effective Date: 11-15-72

Lubrication:

Use general purpose grease to lubricate the shaft (figure 1) in the axle bearing retainer. Use light oil on the quick disconnect of the chain drive assembly before using. Clean and relubricate after each use. Use SAE 30 oil in the chain drive assembly. Fill to the bottom plug level holding the chain drive assembly vertically (quick disconnect to top and output shaft on bottom). (See figure 1). Check level periodically.

Assembly:

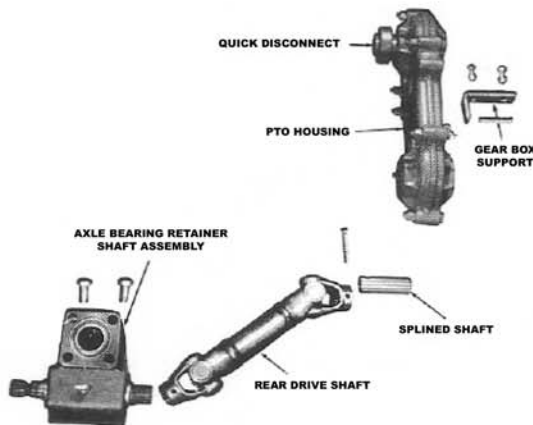


Figure 1

1. Drain oil from transmission.
2. While oil is draining, raise left rear wheel and remove. Reinstall wheel in wide wheel tread position (dished side out).
3. Raise right wheel. Remove wheel and wheel hub. Remove axle bearing retainer.
4. Install new axle bearing retainer — PTO shaft assembly. Use care not to damage the seal. Reattach rear hitch to axle bearing retainer using the bolts included in the kit. Reinstall wheel hub and wheel. Be sure to install the wheel in the wide wheel tread position. (dished side out).

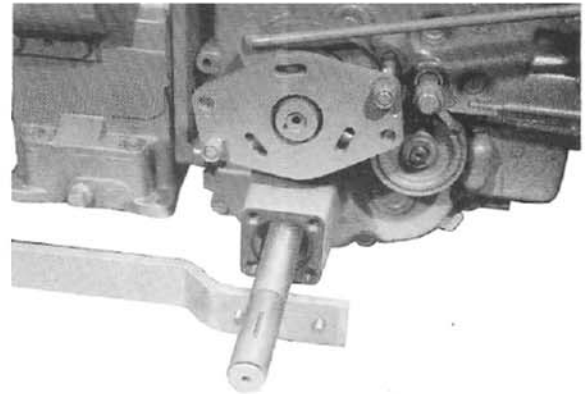


Figure 2

5. Loosely attach the gear box support to the frame of the tractor. The tab should be towards the rear of the tractor.
6. Install the splined shaft in the rear drive shaft. Secure with bolt and locknut.
7. Turn the quick disconnect, on the chain drive assembly, in the direction of the arrow while holding the housing. Slide the quick disconnect on the tractor PTO shaft.

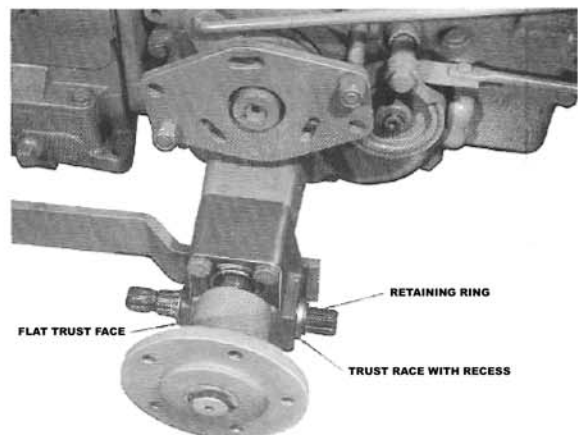


Figure 3

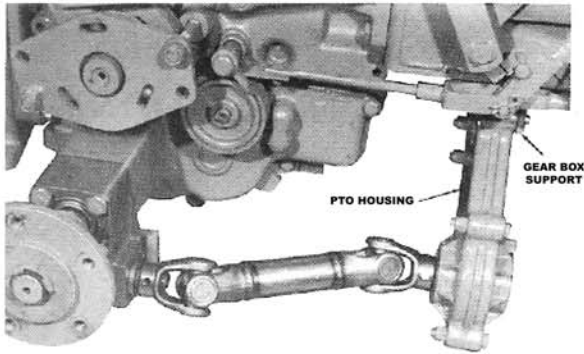


Figure 4

8. Insert the splined shaft of the rear drive shaft in the lower (output) end of the chain drive assembly. Pull free end of rear drive shaft over and attach the shaft through the axle bearing retainer.

9. Attach the chain drive assembly to the gear box support with the clevis pin, secure with hair pin cotter.

10. Tighten the bolts securing the gear box support to the frame.

The gear box support or the axle bearing retainer PTO shaft assembly need not be removed after use.

Be sure to add 6 quarts SAE 30 API - SC or SD oil to transmission before operating.

 **GRAVELLY**

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