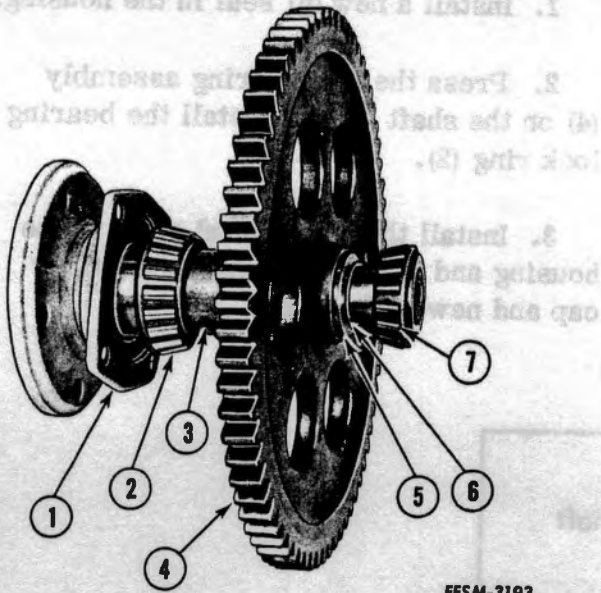


## Reassembly

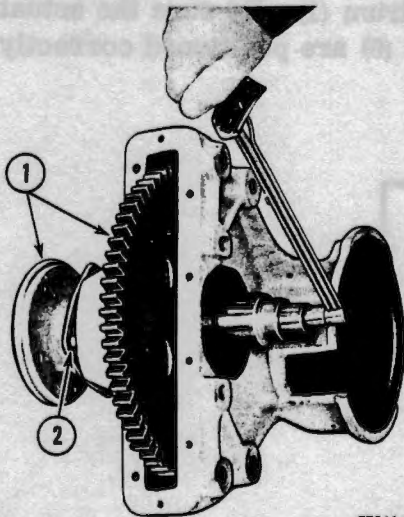
### REAR AXLES

**NOTE:** Install the rear axles before installing the differential shafts.



FESM-3193

1. Outer oil seal
2. Outer bearing
3. Spacer
4. Rear axle drive gear
5. Spacer
6. Shim
7. Inner bearing



FESM-3194

1. Rear axle assembly
2. Outer oil seal

1. Be sure to install new outer oil seals (1) and gaskets.

2. Press the outer bearing (2) on the rear axle. Be sure the bearing bottoms against the shoulder on the shaft.

3. Install the rear axle assembly in the housing. Be sure the spacers (3 and 5) and shims (6) are installed in the proper order.

4. Press the inner bearing (7) on the shaft.

5. Install the rear axle nut and tighten securely.

6. Check for specified bearing preload as follows:

(a) A drag torque of 10 to 20 inch pounds is necessary to rotate the rear axle assembly (1) before the outer oil seal (2) is bolted in place.

(b) To adjust for specified preload, remove the rear axle assembly from the housing and add or remove shims.

7. Install the cotter pin in the rear axle nut.

8. Bolt the outer oil seal in place.

9. Install the bearing cap (L.H. housing) or the retainer and seal assembly (R.H. housing).

10. Install the axle housing pan and gasket.