

Fig. 85

- ① Bearing surface for differential pinion
- ② Bearing surface for side gear
- ③ Surface for spacer ring

- a) Depth of differential carrier 109 mm (4.290 in.)
- b) Depth of differential carrier cover 19 mm (.750 in.)
- c) Minimum wall thickness 4.0 mm (.157 in.)

#### Assembly

The assembly is accomplished in the reverse order of disassembly observing the following points:

1. Lubricate and assemble cleaned parts.
2. Check rear axle clearance, fulcrum plates and rear axle gear. Should excessive play exist, use over-size fulcrum plates. Permissible clearance: 0.05 mm (.002 in.).

3. Secure differential pinion shaft by peening locking pin.

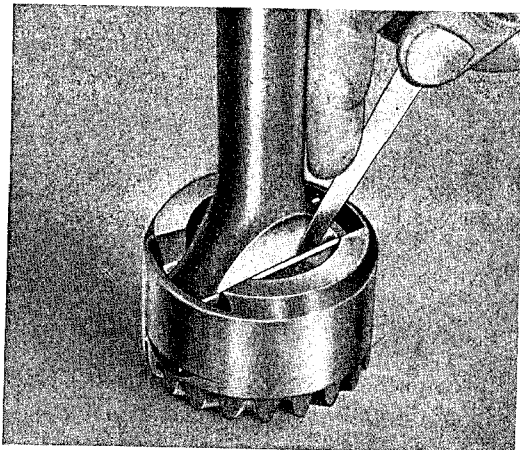


Fig. 86

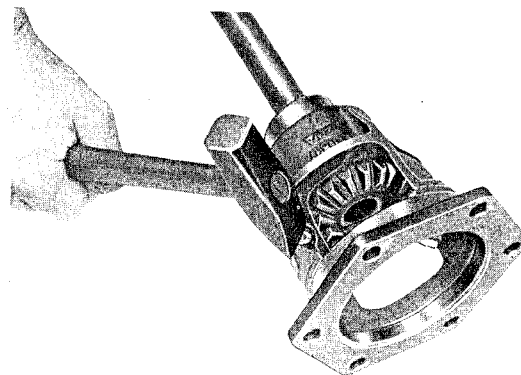


Fig. 87

4. Clean surfaces on differential carrier and ring gear before installing.
5. Install bolts with locking plates (use safety wire after gearbox no. 39645).
6. Tighten bolts to 6 mkg (43.5 ft. lb.) torque and bend over locking plates. Secure safety wire for gearboxes after no. 39645 in such a way that wire tends to tighten bolts.