

Removing and Installing Transmission Cover

15 RA

Removal

1. Remove front transmission mount by removing two allen screws.
2. Remove transmission cover bolts and remove cover. Use plastic hammer to free tight cover.
3. Remove paper gasket.
4. The reverse idler shaft in the transmission cover must be secured with a roll pin. The hollow shaft must be closed with an aluminum plug and installed as in Fig. 105.

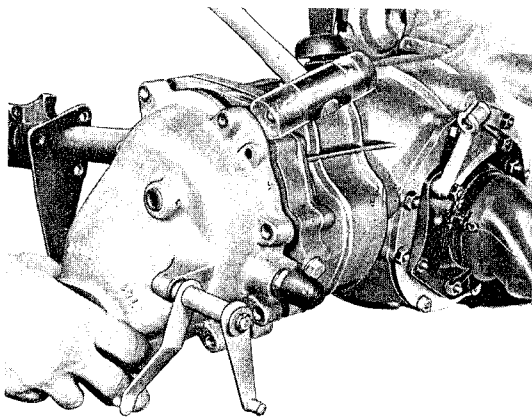


Fig. 104

3. Remove paper gasket.

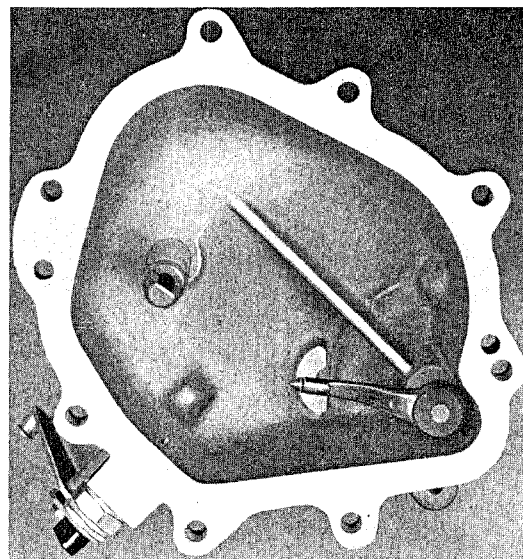


Fig. 105

Note

Before removing selector rod from cover, remove burrs on selector rod to prevent damaging its bore in the transmission cover.

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Clean sealing surfaces of intermediate plate and cover.
2. Renew gasket (thickness 0.20 mm).
3. Inspect selector rod bore in cover as well as reverse idler and shaft for wear and renew worn parts.
4. Inspect oil seal for selector rod in cover and renew if necessary.
5. Before installing the cover, lubricate selector rod forks and reverse idler shaft with graphite grease.
6. Insure that selector finger is engaged in selector rods. The reverse idler shaft must be inserted into the hole of reverse idler and properly guided into opening of intermediate plate. Check proper seat of gasket.
7. Tighten cover bolts to 2 mkg (14.5 ft. lb.) torque.
8. Check for proper engagement of each gear.