

## DRIVETRAIN

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## CLUTCH AND GEARSHIFT LINKAGE

If the clutch or gearshift begins to operate with difficulty, squeak or grunt, the cables and linkage should be lubricated before service replacement is performed. For proper lubrication and service procedures refer to Group 6, Clutch, or Group 21, Manual Transaxle.

## MANUAL TRANSAXLE

The manual transaxle should be inspected for oil leaks and proper oil level when other under vehicle service is performed. To inspect the transaxle oil level, position the vehicle on a level surface. Remove fill plug (Fig. 1) from the transaxle side cover. The oil level should not be below 4 mm (3/16 in) from the bottom of the oil fill opening.

The manual transaxle does not require periodic maintenance. The oil should be changed only when water contamination is suspected. If oil has a foamy or milky appearance it probably is contaminated. A circular magnet located behind the differential cover collects metallic particles circulating in the oil. For proper diagnostic and service procedures, refer to Group 21, Manual Transaxle.

## SELECTING MANUAL TRANSAXLE OIL

Chrysler Corporation recommends Mopar Engine Oil, SG or SG/CD SAE 5W-30, or equivalent, be used to fill a 5-speed transaxle.

## AUTOMATIC TRANSAXLE SHIFT MECHANISM

If the automatic transaxle shift mechanism becomes difficult to operate or starts to make objectionable noise, the mechanism should be lubricated before other service repair is performed. Apply a film of Mopar Multipurpose Grease or equivalent, to slide surfaces and pawl spring. For additional information, refer to Group 21, Transaxle.

## AUTOMATIC TRANSAXLE

The automatic transaxle should be inspected for fluid leaks and proper fluid level when other under hood service is performed.

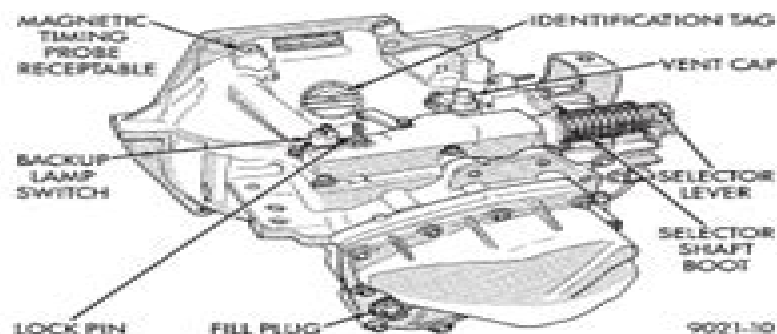


Fig. 1 Manual Transaxle Fill Plug

**CAUTION:** To minimize fluid contamination, verify that dipstick is seated in the fill hole or tube after fluid level reading is taken.

## TO INSPECT THE TRANSAXLE FLUID LEVEL:

- (1) Position the vehicle on a level surface.
- (2) Start engine and allow to idle in PARK for at least 60 seconds. The warmer the transaxle fluid, the more accurate the reading.
- (3) While sitting in driver seat, apply brakes and place gear selector in each position. Return gear selector to park.
- (4) Raise hood and remove transaxle fluid level indicator (dipstick) and wipe clean with a suitable cloth.
- (5) Install dipstick and verify it is seated in fill hole or tube (Fig. 2 or 3).

**CAUTION:** Do not overfill automatic transaxle, leakage or damage can result.

- (6) Remove dipstick, with handle above tip, take fluid level reading (Fig. 4). If the vehicle has been driven for at least 15 minutes before inspecting fluid level, transaxle can be considered hot and reading should be above the WARM mark. If vehicle has run

# G1000 Caravan Line Maintenance Manual

**General Electric Company. Mobile  
Radio Department**



## **G1000 Caravan Line Maintenance Manual:**

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