

Chapter III

ON-THE-CAR SERVICES

The following procedures cover all the services which can be performed without removing the transmission from the car.

SECTION ONE—PERIODIC SERVICE

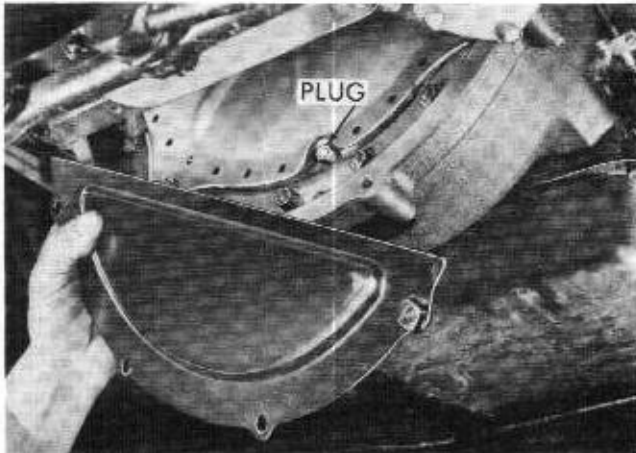
Periodic services to be performed on a mileage basis are as follows:

A. Linkage and Band Service

1. Lubricate linkage every 2,000 miles.
2. Check linkage adjustment every 10,000 miles.
3. Check band adjustment every 15,000 miles.

B. Draining and Refilling Transmission

The transmission should be drained and refilled every 15,000 miles. The fluid level should be checked every 1,000 miles. If the fluid level is consistently low, leakage is indicated, and the leakage checks covered in Chapter II should be made. Changing transmission fluid is one of the simplest services. However, it's important that the following procedures be used:



1. As the first step, remove the converter housing plate.

CAUTION The oil should be at normal operating temperature (not overheated) when it is drained. If the car has just come in, be careful -- for the oil may be so hot that it will spurt out and burn the hands or arms.

2. Using a six-point socket, remove the two converter plugs which are 180 degrees apart. It is necessary to rotate the converter to remove both.

3. Remove the plug in the oil pan, or disconnect the filler tube . . . depending upon which model you are working on, and drain the oil.
4. Remove the pan and screen and clean them thoroughly, and reinstall them using a new gasket with the pan.

NOTE Remove and clean the screen any time the pan is removed.

5. Reinstall the oil pan plug or connect the filler tube.
6. Using a six-point socket, install the drain plugs in the converter and torque them 7 to 10 foot-pounds.
7. Install the converter housing lower plate.
8. Add five quarts of automatic transmission fluid -- Type A -- through the filler tube under the hood, or through the access hole in the front floor pan . . . depending upon the car model.
9. Start the engine, and let it idle about two minutes. Add four more quarts, and let the engine idle until it reaches normal operating temperature. Move the selector through all positions, and finally put it in park.
10. Last, check the fluid level, and add enough fluid to bring the level to the "F" mark on the indicator.

**CAUTION**

Do not overfill the transmission, for it will cause foaming and improper operation.