

Job Sheet 7-1

Name _____ Date _____

Verify Operation of a Clutch

Upon completion of this job sheet, you should be able verify the correct operation of the clutch.

Tools and Materials

- Safety glasses Shop manual
- Vehicle with manual transmission Jack and Jack stands or Hoist

Describe the vehicle being worked on:

Year _____ Make _____ Model _____

PROCEDURE

For each step, the student will check off a "task completed" box.

WARNING: Make sure the brakes are in proper working order. It is recommended that the following procedure be performed in an open parking lot or other suitable area for the test drive. Do not allow anyone to stand in front of or behind the vehicle during this test. Keep the test time to a minimum.

Start engine, depress the clutch pedal, and shift the transmission into first gear and increase the engine speed to 1500 RPM and slowly release the clutch. Notice when the clutch makes contact with the pressure plate. Depress the clutch pedal and decrease the engine speed. The clutch should not chatter.

Inspect the following items: _____

Using a shop manual, find the correct clutch pedal free play specification.
Clutch pedal free play _____

Visual inspection:
Engine mounts _____

Transmission mounts _____

Bell housing bolts _____

Clutch linkage/cable _____

Leaking clutch fluid (hydraulic clutch) _____

Oil leakage from rear main engine seal _____

Instructor's Response: