

Checking Transmission Codes on Mazda MPV 2000-2005

by Ted Burnett - AAMCO Drivability and Electrical Specialist

You may run into late model Mazda MPV vehicles with the OD flashing and there are no apparent codes present. In these cases, the scanner is not accessing the codes even though it indicates that it is accessing codes. If the OD light is flashing, there is a transmission code in the system. There is, however, a way to retrieve codes from these vehicles using an analog volt meter. The system is unique in that it flashes out OBD II P type codes without the letter.

Follow the instructions below to retrieve codes and then refer to a Mazda P code chart for the definition.

1. Locate DLC-2 under the left side of the dash. This is not the OBD II 16 pin connector. (See Figure 1)
2. With the ignition key off, connect your analog volt meter to the DLC-2 as shown. (See Figure 2)
3. Use a suitable fused jumper and ground the TAT terminal.
4. Turn the ignition key on.
5. Read the DTCs indicated by the movement of the voltmeter's needle. If no DTC is detected, the needle will not move. (See Figure 3)

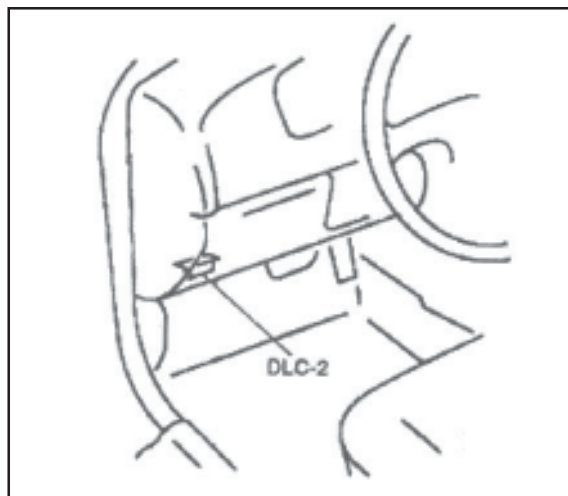


Figure 1

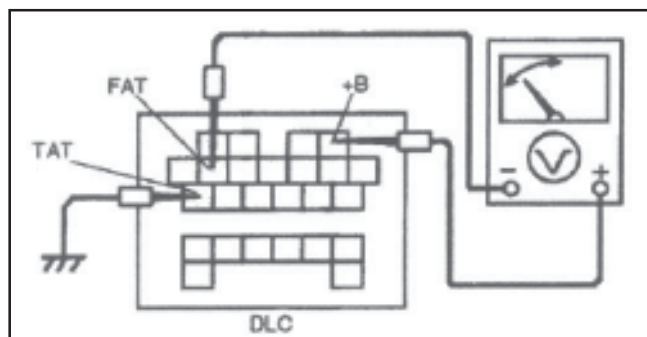


Figure 2

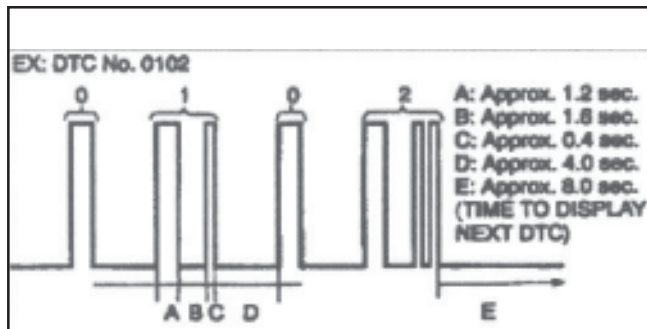


Figure 3