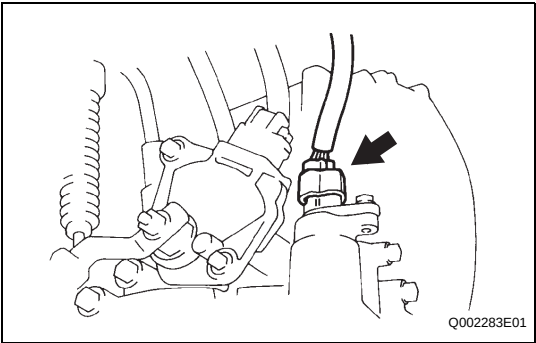


MANUAL SHIFTING TEST

1. PERFORM MANUAL SHIFTING TEST

HINT:

- With this test, it can be determined whether the trouble occurs in the electrical circuit or is a mechanical problem in the transaxle.
- If any abnormalities are found in the following test, the problem is in the transaxle itself.



- (a) Disconnect the transmission wire connector.
- (b) Inspect the manual driving operation.
Check that the shift and gear positions correspond to the table below.
Check that the gear change corresponds to the shift position.

Shift Position	Gear Position
D	O/D
2	O/D
L	1st
R	Reverse
P	Pawl Lock

HINT:

If the gear positions of the L, 2 and D are difficult to distinguish, do the following road test (See page [AX-9](#)).

If any abnormality is found in the above test, the problem is in the transaxle itself.

- (c) Connect the transmission wire connector.
- (d) Clear the DTC (See page [AX-25](#)).

INITIALIZATION

1. RESET MEMORY

NOTICE:

- Perform the RESET MEMORY (AT initialization) when replacing the automatic transaxle assembly, engine assembly or ECM.
- The RESET MEMORY can be performed only with the Intelligent tester.

HINT:

The ECM memorizes the condition that the ECT controls the automatic transaxle assembly and engine assembly according to those characteristics. Therefore, when the automatic transaxle assembly, engine assembly, or ECM has been replaced, it is necessary to reset the memory so that the ECM can memorize the new information.

Reset procedure is as follows.

- (a) Turn the ignition switch off.
- (b) Connect the intelligent tester together with the CAN VIM (controller area network vehicle interface module) to the DLC3.
- (c) Turn the ignition switch to the ON position and push the intelligent tester main switch on.
- (d) Select the item "DIAGNOSIS / ENHANCED OBD II".
- (e) Perform the reset memory procedure from the ENGINE menu.

CAUTION:

After performing the RESET MEMORY, be sure to perform the ROAD TEST (See page [AX-9](#)) described earlier.

HINT:

The ECM is learned by performing the ROAD TEST.

(1) Tester menu flow:

