MANUAL SHIFTING TEST
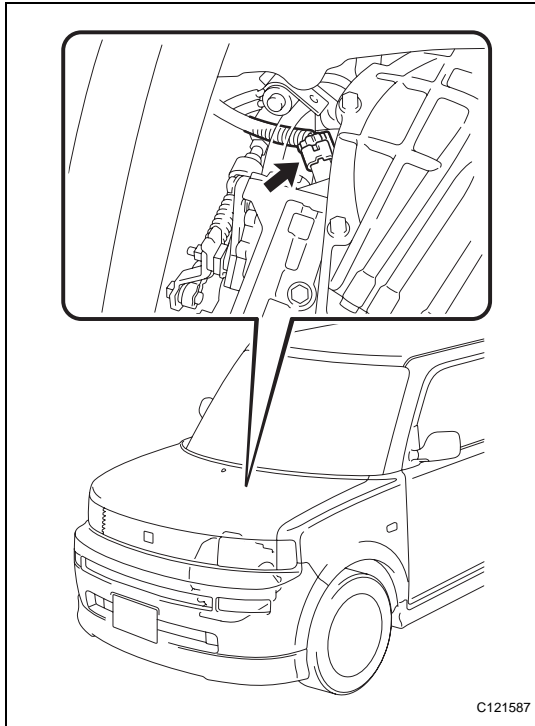
1. MANUAL SHIFTING TEST
   HINT:
   • Through this test, it can be determined whether the trouble occurs in an electrical circuit or if it is a mechanical problem in the transaxle.
   • If any abnormalities are found in the following test, the problem is in the transaxle itself.

(a) Disconnect the connector of the transmission wire.
   HINT:
   It is possible to deactivate the electrical shift control by disconnecting the transmission wire. The gear positions can then be changed mechanically with the shift lever.

(b) Drive with the transmission wire disconnected. Move the shift lever to each position to check whether the gear position changes as shown in the table below.

Shift Lever Position	Gear Position
D	3rd
2	3rd
L	3rd
R	R
P	P

   HINT:
   If the gear positions L, 2 and D are difficult to distinguish, do the following ROAD TEST.
   If any abnormality is found in the above test, the problem is in the transaxle itself.

(c) Connect the connector of the transmission wire.

(d) Clear the DTC (see page).

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INITIALIZATION

1. RESET MEMORY
NOTICE:
- **Perform the RESET MEMORY procedures (A/T initialization) when replacing the automatic transaxle assembly, engine assembly or ECM.**
- **RESET MEMORY can be performed only with the intelligent tester.**

HINT:
The ECM memorizes the vehicle conditions when the ECT controls the automatic transaxle assembly and engine assembly. 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.
The reset procedures are as follows.
(a) Turn the ignition switch OFF.
(b) Connect the intelligent tester to the CAN VIM. Then connect the CAN VIM to the DLC3.
(c) Turn the ignition switch ON and push the tester main switch ON.
(d) Enter the following menus: DIAGNOSIS / ENHANCED OBD II.
(e) Perform the reset memory procedure from the ENGINE menu.
CAUTION:
After performing the RESET MEMORY procedures, be sure to perform the ROAD TEST (see page) as described earlier.
HINT:
The ECM learns through the ROAD TEST.

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Tester Menu Flow:

DIAGONOSTIC MENU
ENGINE

1 : DATA LIST
2 : DTC INFO
3 : ACTIVE TEST
4 : SNAPSHOT
5 : SYSTEM CHECK
6 : RESET MEMORY

8 : CHECK MODE

[ENTER]

RESET MEMORY
NOTICE

DO NOT USE THIS
FUNCTION UNLESS
INSTRUCTED BY
REPAIR MANUAL

ONLY USE AFTER
REPLACING THE ENGINE
, AUTO TARNS, or ECM
ON CERTAIN VEHICLES.

[AUTO]

RESET MEMORY

EXECUTING THIS
FUNCTION WILL RESET
THE LEARNED VALUES
IN THE ECM.

DO YOU WISH TO
RESET THE ECM ?
[YES] to CONTINUE
[NO] to EXIT

[YES]

RESET MEMORY

RESETTING COMPLETE

PRESS [ENTER]

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