



## MANUAL SHIFTING TEST

### 1. 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 transmission.
  - If any abnormalities are found in the following test, the problem is in the transmission itself.
- (a) Disconnect the connector of the transmission wire.
- (b) Drive with the transmission wire disconnected.
- Shifting the shift lever to the L, 2, 3, 4 and D position to check whether the shifting condition changes the table below.

Shift Position	Shifting Condition
L ↔ 2	No Shift (Not Change)
2 ↔ 3	Down Shift ↔ Up Shift
3 ↔ 4	Down Shift ↔ Up Shift
4 ↔ D	No Shift (Not Change)

#### HINT:

When driving with the transmission wire disconnected, the gear position will be as follows:

- When the shift lever is in the L or the 2 position, the gear is held in the 1st position.
  - When the shift lever is in the 3rd position, the gear is held in the 3rd position.
  - When the shift lever is in the 4 or the D position, the gear is held in the 4th position.
  - When the shift lever is in the R or the P position, the gear is also in the R or the P position respectively.
- (c) Connect the connector of the transmission wire.
- (d) Clear the DTC (See page [DI-1148](#)).