

HYBRID TRANSMISSION SYSTEM > ON-VEHICLE INSPECTION

1. INSPECT CHECK SHIFT LOCK OPERATION

- a. Move the shift lever to the P position.
- b. Check that the shift lever cannot be moved to any position other than P.
- c. Turn the power switch on (IG), depress the brake pedal and check that the shift lever can be moved to the other positions.

2. CHECK SHIFT LOCK RELEASE BUTTON OPERATION

- a. When operating the shift lever with the shift lock release button pressed, check that the lever can be moved to any position other than P. If the operation cannot be done as specified, check the shift lever assembly installation condition.

3. OPERATION CHECK

- a. Connect the intelligent tester to the DLC3.
- b. Turn the power switch on (IG).
- c. Select the following menu items: Powertrain / Hybrid Control / Active Test / Control the Shift Position.
- d. Select the following menu items: User Data / B1 Oil Pressure, B2 Oil Pressure, Line Pressure, Line Pressure Solenoid.
- e. Perform the Control the Shift Position active test.
- f. Read the user data.

Active Test	Data List			
Control the Shift Position	B1 Oil Pressure	B2 Oil Pressure	Line Pressure	Line Pressure Solenoid
Lo	OFF	ON	ON	OFF
Hi	ON	OFF	ON	OFF

- g. Turn the power switch on (IG).
- h. Select the following menu items: Powertrain / Hybrid Control / Active Test / Active the Oil Pump (500 rpm), Active the Oil Pump (1,000 rpm).

NOTICE:

Make sure that the auxiliary battery is not discharged.

- i. Select the following menu items: User Data / OPM Target Revolution, OPM Revolution.

NOTICE:

OPM Target Revolution and OPM Revolution values are almost the same.