

8. Drive Cycle

A: PROCEDURE

It is possible to complete diagnosis of the DTC by performing the indicated drive cycle. After the repair for the DTC, perform a necessary drive cycle and make sure the function recovers and the DTC is recorded.

1. PREPARATION FOR DRIVE CYCLE

- 1) Check that the battery voltage is 12 V or more and fuel remains approx. half [20 — 40 L (5.3 — 10.6 US gal, 4.4 — 8.8 Imp gal)].
- 2) After performing the diagnostics and Clear Memory Mode, check that no DTC remains. <Ref. to 6MT(diag)-10, Clear Memory Mode.>

NOTE:

Perform the drive cycle after warming up the engine except when the ATF temperature at engine start is specified.

2. DRIVE CYCLE A

DTC	Item	Condition
P1875	Circuit of Center Diff	—

Diagnostic procedure:

- 1) Turn the ignition switch to OFF.
- 2) Apply the parking brake.
- 3) Start the engine.
- 4) Make sure that the rear differential oil temperature warning light is off.
- 5) Set DCCD to manual mode.
- 6) Set torque level of DCCD to “LOCK”.
- 7) Stop the vehicle and idle for 10 seconds or more.
- 8) Read the current malfunction code using Subaru Select Monitor.

NOTE:

In step 7), do not depress the brake pedal.

3. DRIVE CYCLE B

DTC	Item	Condition
P1521	Brake Switch Circuit Range/Performance Problem (High Input)	—

Diagnostic procedure:

- 1) Repeat acceleration/deceleration between 0 km/h (0 MPH) and 40 km/h (25 MPH) 10 times or more.
- 2) Read the current malfunction code using Subaru Select Monitor.

NOTE:

Always use the brake pedal during deceleration.