

INSPECTION MODE PROCEDURE

1. INSPECTION MODE

HINT:

- The PRIUS' engine automatically stops if the vehicle is stopped, the engine is warmed up, the battery is well charged, and A/C compressor operation is not being used. Activate inspection mode when continuous operation of the engine is required.
- The PRIUS has a motor TRAC function. When the wheel speed of the front wheels exceeds that of the rear wheels, the wheel speed of the front wheels is restrained. It is necessary to activate inspection mode and deactivate the motor TRAC function when turning only the front wheels using a speedometer tester.

(a) Vehicle conditions

- (1) Before activating inspection mode, turn the air conditioning off, start the engine with the selector lever in the P position, and check that the engine stops within several seconds after starting (engine warm up check).
- (2) Activate inspection mode and inspect the vehicle. The shift position for each test is as follows:

Test item	Shift position	Inspection mode
Vehicle straight traveling test (side slip inspection)	D	ON or OFF
Breaking force test	N	ON or OFF
Speedometer test	D	ON
Exhaust gas test (idling)	P	ON
Headlight test	P	ON or OFF

- (3) Reset inspection mode immediately after completion of the inspection.

NOTICE:

Driving the vehicle without resetting inspection mode may damage the transaxle.

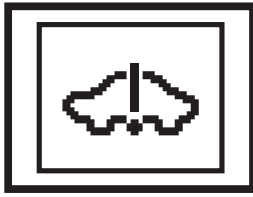
(b) Special notes for speedometer test

NOTICE:

Do not use the speedometer tester to perform rapid starting or quick acceleration/deceleration without first setting the proper load on the vehicle. Failing to set the load may damage the transaxle.

- (1) Depress the accelerator pedal slowly and gradually accelerate the vehicle. Make a measurement.
 - (2) After the measurement, use the brake pedal to gradually decelerate the vehicle.
- (c) Special note for using the chassis dynamometer
Always set an appropriate load before starting the test.

Multi-information Display:

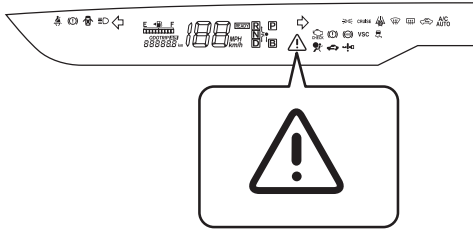


HV System Warning

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D100904E01

Combination Meter:



Master Warning Light

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D100905E01

- (d) Activating inspection mode
- (1) Connect the intelligent tester to the DLC3.
 - (2) Turn the power switch ON (IG).
 - (3) Turn the intelligent tester ON.
 - (4) Select from the tester menus: Powertrain, Hybrid Control, Active Test, Inspection Mode - 2WD Inspection.
- (5) Check that the HV system warning light flashes on the multi-information display and the master warning light is illuminated in the combination meter.
- (e) Deactivating inspection mode
- (1) Turn the power switch OFF.
- NOTICE:**
- The idling speed in inspection mode is approximately 1,000 rpm. The engine speed increases to 1,500 rpm if the accelerator pedal is depressed by less than 60%. If the accelerator pedal is depressed by more than 60%, the engine speed increases to 2,500 rpm.
 - If a DTC is set during inspection mode, the master warning light and the error warning light illuminate on the multi-information display.
 - When the master warning light illuminates during inspection mode, deactivate inspection mode, and check for DTC(s).
 - Driving the vehicle without deactivating inspection mode may damage the transaxle.