

Inspection/Maintenance Mode Techstream or Manual Continuous Engine Run to Test, Bleed Coolant or Warmup

(f) Activating maintenance mode (Using the Techstream)

- (1) Connect the Techstream to the DLC3.
- (2) Turn the power switch on (IG).
- (3) Turn the Techstream on.
- (4) Enter following menus: Powertrain / Hybrid Control / Utility / Inspection Mode



(e) Activating maintenance mode (Not using the Techstream)

Perform the following steps from (1) through (4) in 60 seconds.

- (1) Turn the power switch on (IG).
- (2) Fully depress the accelerator pedal twice with park (P) selected.
- (3) Fully depress the accelerator pedal twice with neutral (N) selected.
- (4) Fully depress the accelerator pedal twice with park (P) selected.
- (5) Check that "MAINTENANCE MODE" is displayed on the multi-information display.

Press brake pedal and start engine...shut off to return to normal

8. INSPECT COMPRESSION

- (a) Put the engine in inspection mode .
- (b) Warm up and stop the engine.
- (c) Remove the 4 spark plugs .

(d) Inspect the cylinder compression pressure.

(1) Insert a compression gauge into the spark plug hole.

(2) Connect the Techstream to the DLC3.

(3) Turn the power switch on (IG).

(4) Turn the Techstream on.

(5) Enter the following menus: Powertrain / Hybrid Control / Active Test / Compression Test / ON.

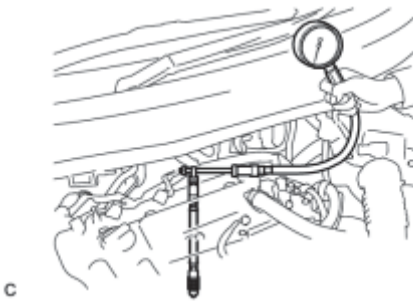
(6) Fully depress the acceleration pedal.

(7) Depress and hold the brake pedal, and turn the power switch on (READY).

NOTICE:

The measurement must be done as quickly as possible.

- Noise may emit from the transmission. However, this is not a malfunction.
- Always use a fully charged battery to obtain an engine speed of 200 rpm or more.



Standard compression pressure:

1373 kPa (14.0 kgf/cm², 199 psi) or more

Minimum pressure:

1079 kPa (11.0 kgf/cm², 157 psi)

Pressure difference between each cylinder:

98 kPa (1.0 kgf/cm², 14.2 psi) or less

- Inspect the other cylinders in the same way.
- Measure the compression as quickly as possible.

(8) If the cylinder compression is low, pour a small amount of engine oil into the cylinder through the spark plug hole, then inspect it again.

- If adding oil increases the compression, the piston rings and/or cylinder bore may be worn or damaged.
- If the pressure stays low, the valve may be stuck or seated improperly, or there may be leaks from the gasket.