ON-VEHICLE INSPECTION

1. INSPECT SPEEDOMETER

(a) Check the operation.

(1) Using a speedometer tester, check the speedometer indication according to the table below.

Reference: mph (U.S.A.)

Chassis dynamometer indication	Acceptable range
20 mph	20.0 to 23.0 mph
40 mph	40.0 to 43.5 mph
60 mph	60.0 to 64.0 mph
80 mph	80.0 to 84.5 mph
100 mph	100.0 to 105.0 mph

Reference: km/h (Canada)

Chassis dynamometer indication	Acceptable range Data in ( ) is for reference
20 km/h	(17.5 to 21.5 km/h)
40 km/h	38.0 to 42.0 km/h
60 km/h	58.0 to 63.0 km/h
80 km/h	78.0 to 84.0 km/h
100 km/h	98.5 to 104.5 km/h
120 km/h	119.0 to 125.0 km/h
140 km/h	139.0 to 146.0 km/h
160 km/h	159.0 to 167.0 km/h

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NOTICE:
Tire wear as well as over or under inflation will cause errors.

(2) Check the deviation from the acceptable value of the speedometer indication.

Reference:
Less than 0.5 km/h (0.3 mph)

2. INSPECT TACHOMETER

(a) Check the operation.

(1) Connect the tune-up test tachometer, and start the engine.

(2) Compare the the test results with the tachometer indications.

Reference: DC 13.5 V, at 25°C (77°F)

Chassis dynamometer indication (rpm)	Acceptable range (rpm) Data in ( ) are for reference
700	630 to 770
1,000	(900 to 1,100)
2,000	(1,850 to 2,150)
3,000	2,800 to 3,200
4,000	(3,800 to 4,200)
5,000	4,800 to 5,200
6,000	(5,750 to 6,250)
7,000	6,700 to 7,300
8,000	7,700 to 8,300

Fuel Sender Gauge Connector Front View:



E110603E01

3. INSPECT FUEL RECEIVER GAUGE

(a) Disconnect the connector from the sender gauge.
(b) Turn the ignition switch to the ON position, then check the position of the receiver gauge needle.
OK:
Needle position is on (EMPTY).
(c) Connect the terminals 2 and 3 on the wire harness side connector of the fuel sender gauge.
(d) Turn the ignition switch to the ON position, then check the position of the receiver gauge needle.
OK:
Needle position is on (FULL).

4. INSPECT FUEL LEVEL WARNING LIGHT

(a) Disconnect the connector from the sender gauge.
(b) Turn the ignition switch to the ON position, then check the fuel level needle indicates EMPTY and the fuel level warning light comes on.
OK:
Fuel level warning light comes on.

5. INSPECT OIL PRESSURE WARNING LIGHT

(a) Disconnect the connector from the low oil pressure switch.
(b) Turn the ignition switch to the ON position.
(c) Ground the terminal of the wire harness side connector, then check the low oil pressure warning light.
OK:
OIL PRESSURE warning light comes on.

6. INSPECT OIL CHANGE REMINDER LIGHT RESETTING PROCEDURE

CONDITION:

State	Condition	Specified State
Blinking	The vehicle runs 4,500 to 5,000 miles after the previous resetting.	The warning light for 15 seconds after turning the ignition switch to the ON position.
Continuously illuminated	The vehicle runs over 5,000 miles after the previous resetting.	The warning light for 15 seconds after turning the ignition switch to the ON position.

(a) Set the window to the odometer.
(b) Turn the ignition switch off.
(c) While pressing the reset switch, turn the ignition switch to the ON position. Keep pressing the reset switch for at least 5 seconds to complete the reset procedure. Check that the "000000" is displayed on the odometer.
HINT:
If the ignition switch is turned off during the reset procedure;
LCD: off
If the reset switch is not pressed for at least 5 seconds during the reset procedure;
LCD: Return to odometer

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