BE2BL–01

INSPECTION

1. INSPECT SPEEDOMETER ON VEHICLE

Using a speedometer tester, inspect the speedometer for allowable indication error and check the operation of the odometer.

HINT:

Tire wear and tire over or under inflation will increase the indication error.

If error is excessive, replace the speedometer.

General Countries, Australia, Tahi (km/h)

Standard indication	Allowable range
20	17.5 – 21.5
40	38 – 42
60	58 – 63
80	78 – 84
100	99 – 104.5
120	119.5 – 125.5
140	139.5 – 146.5
160	159.5 – 167.5

Europe, China, Turkey, South Africa, Middle East (km/h)

Standard indication	Allowable range
20	21 – 25
40	41.5 – 46
60	62.5 – 67
80	83 – 88
100	104 – 109
120	125 – 130.5
140	145.5 – 151.5
160	166 – 173

Europe, General Countries (mph)

Standard indication	Allowable range
20	21 – 23.5
40	41.5 – 44
60	62.5 – 66
80	83 – 87
100	104 – 108.5

If error is excessive, replace the speedometer.

2. INSPECT TACHOMETER ON–VEHICLE

(a) Connect a tune–up test tachometer, and start the engine.

NOTICE:

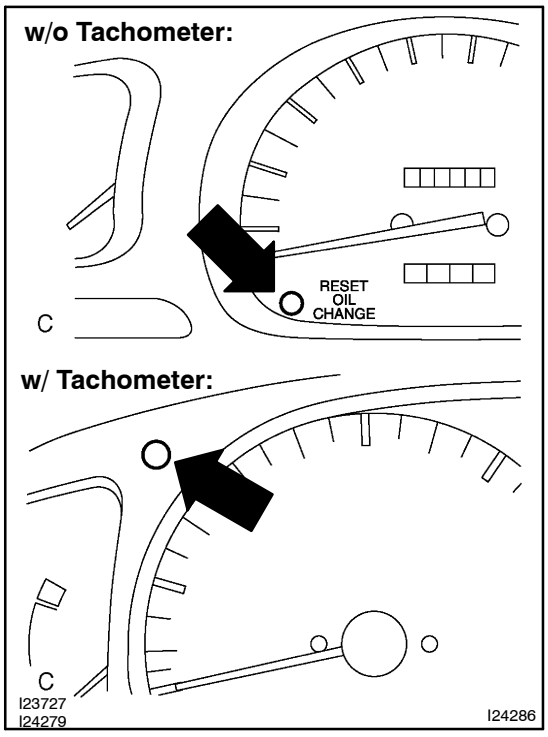
Reversing the connecting of the tachometer will damage the transistors and diodes inside.

(b) Compare the tester and tachometer indications.

If an error is excessive, replace the tachometer.

DC 13.5 V, 20˚C (68˚F)

Standard Indication (rpm)	Allowable range (rpm)
700	630 – 770
1,000	900 – 1,100
2,000	1,875 – 2,125
3,000	2,850 – 3,150
4,000	3,850 – 4,150
5,000	4,850 – 5,150
6,000	5,820 – 6,180



3. w/ Oil change warning light:
RESET OIL CHANGE WARNING

(a) Turn the ignition switch ON.

(b) Push the reset switch for at least one second with a thin object such as a pen tip.

(c) The engine oil change reminder light will go out.

HINT:

- The system must also be reset if an engine oil and oil filter change is performed before the light comes on. In this case, when you push the reset switch, the light will come on. When you stop pressing, the light will go out.
- If you push the switch for too shot a time, the engine oil change reminder light may not go out. If this happens, reset the above procedure.

4. w/ Fuel filter replacement waning light:
RESET FUEL FILTER REPLACEMENT WARNING

(a) When the warning light is turned ON, replace the fuel filter.

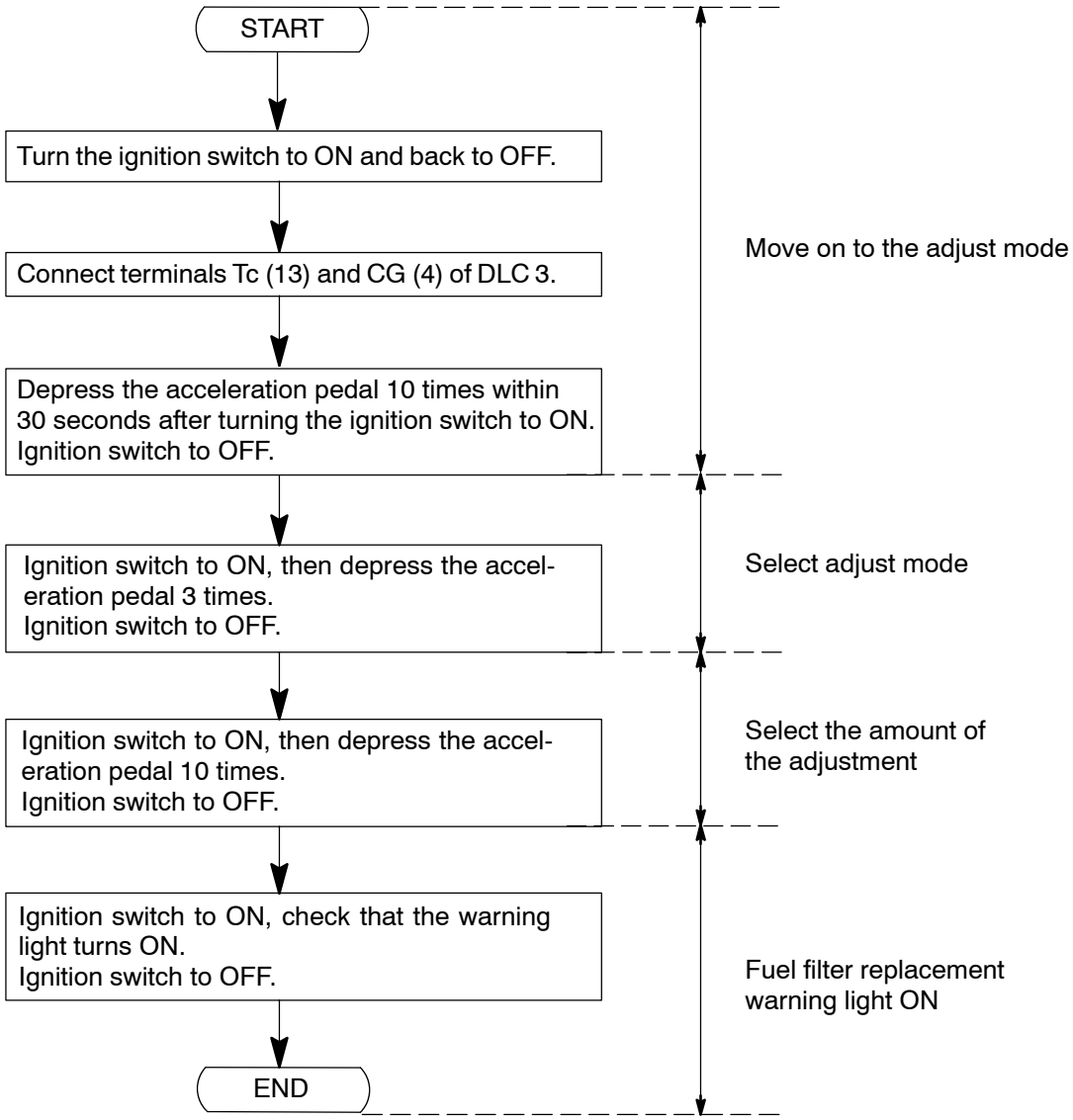
NOTICE:

When the fuel filter has been replaced, be sure to reset the fuel filter replacement warning system.

(b) Turn ON the fuel filter replacement warning light.

HINT:

- If the replacement of the fuel filter has been completed before the warning light turns ON, be sure to turn ON the warning light and then reset the fuel filter replacement waning system.
- Start from the beginning if the wrong procedures. Is performed at any point in the flow chart.
  Turn ON the warning light by the following procedure.



(c) Reset the fuel filter replacement warning system.

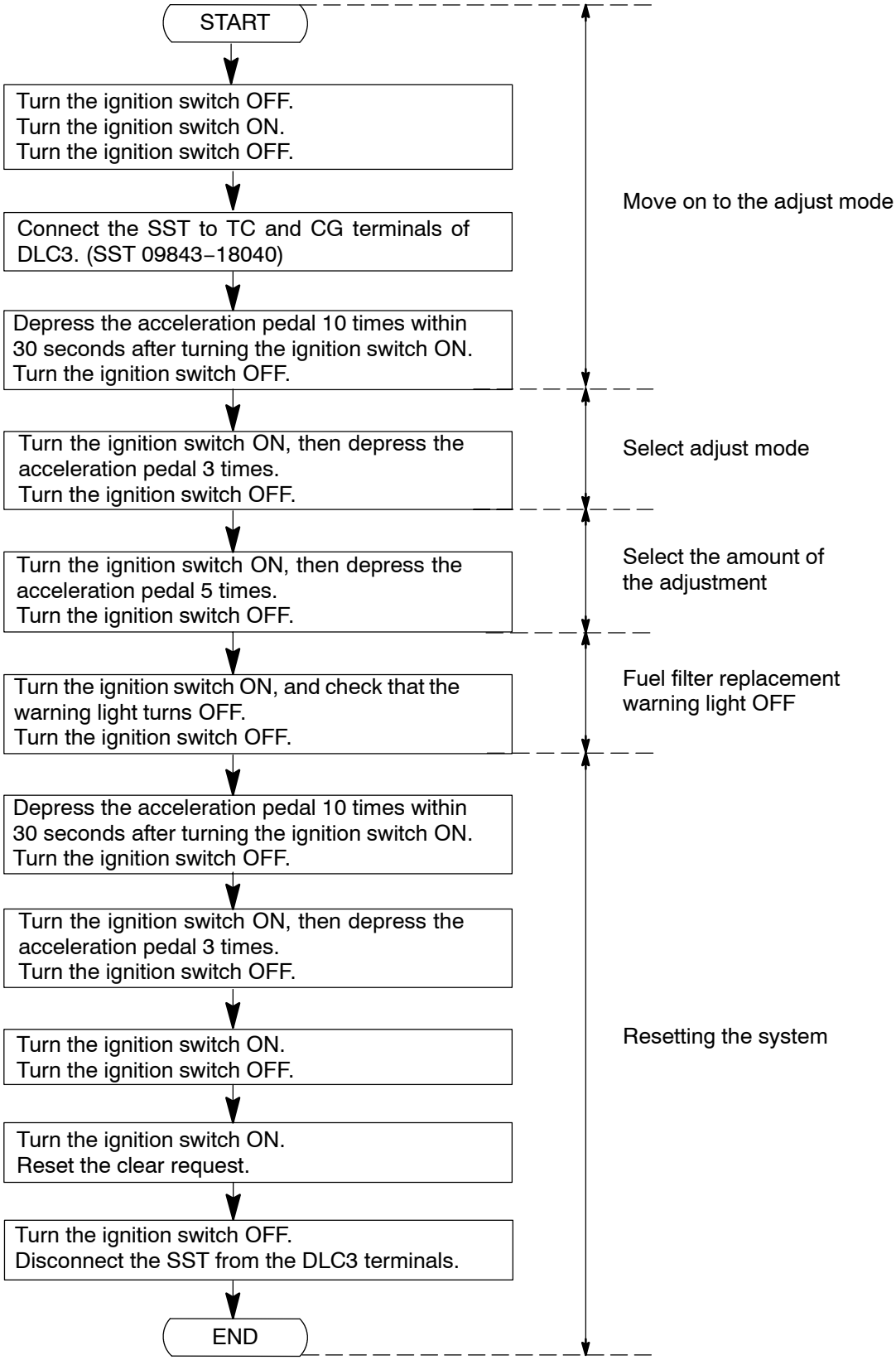
NOTICE:

Do not reset the fuel filter replacement warning system other than when the fuel filter is replaced. If you reset the system when the fuel filter is not replaced, it cannot inform you of the correct time to replacement the fuel filter.

HINT:

- Please make sure to count the number of times the accelerator pedal is depressed properly.
- The accelerator pedal should be fully depressed.
- If a mistake is made, repeat the following operation from the first step.

  Turn OFF the warning light by the following procedure to reset the system.


START
Turn the ignition switch OFF.
Turn the ignition switch ON.
Turn the ignition switch OFF.
Connect the SST to TC and CG terminals of DLC3. (SST 09843–18040)
Depress the acceleration pedal 10 times within 30 seconds after turning the ignition switch ON.
Turn the ignition switch OFF.
Turn the ignition switch ON, then depress the acceleration pedal 3 times.
Turn the ignition switch OFF.
Turn the ignition switch ON, then depress the acceleration pedal 5 times.
Turn the ignition switch OFF.
Turn the ignition switch ON, and check that the warning light turns OFF.
Turn the ignition switch OFF.
Depress the acceleration pedal 10 times within 30 seconds after turning the ignition switch ON.
Turn the ignition switch OFF.
Turn the ignition switch ON, then depress the acceleration pedal 3 times.
Turn the ignition switch OFF.
Turn the ignition switch ON.
Turn the ignition switch OFF.
Turn the ignition switch ON.
Reset the clear request.
Turn the ignition switch OFF.
Disconnect the SST from the DLC3 terminals.
END
Move on to the adjust mode
Select adjust mode
Select the amount of the adjustment
Fuel filter replacement warning light OFF
Resetting the system