

MIL 29 BLINKS (IACV)

1. Connector inspection

Erase the self diagnosis memory data from the ECM (page 6-15).

Turn the ignition switch "OFF".

Disconnect the IACV 4P connector.
Check for loose or poor contact on the IACV 4P connector.

Connect the IACV 4P connector.
Turn the ignition switch "ON".
Check if the MIL blinks.

Does the MIL blink 29 times?

NO - Loose or poor contact on the IACV 4P connector.

YES - GO TO STEP 2.

2. IACV Resistance Inspection

Turn the ignition switch "OFF".

Disconnect the IACV 4P connector.

Measure the resistance between the IACV 4P connector terminals.

CONNECTION: A - D

B - C

STANDARD: 110 - 150 Ω (20°C/68°F)

Is the resistance within 110 - 150 Ω (20°C/68°F)?

NO - Replace the IACV with a new one, and recheck.

YES - GO TO STEP 3.

3. IACV Short Inspection

Check for continuities between the IACV 4P connector terminals.

Connection: A - B

C - D

Is there continuity?

YES - Faulty IACV.

NO - GO TO STEP 4.

