

MIL 35 BLINKS (EGCV SERVOMOTOR LOCK)

- Before starting the inspection, check for loose or poor contact on the EGCV servomotor connector and recheck the MIL blinking.

1. EGCV Operating Inspection

Disconnect the EGCV control cables from the exhaust valve pulley (page 6-76).

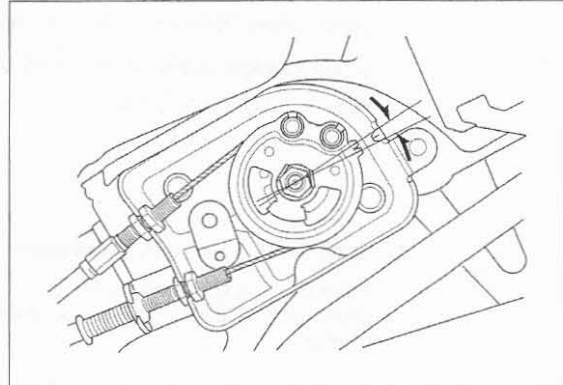
Turn the ignition switch ON.

Check the EGCV servomotor pulley rotation when shorting the DLC with the SCS service connector (page 6-9).

Does the EGCV servomotor pulley operate correctly?

- YES** –
- Check the EGCV cables binding, sticking or lock.
 - Check the EGCV at muffler side.

NO – GO TO STEP 2.



2. EGCV Servomotor Inspection

Turn the ignition switch to OFF.

Remove the EGCV servomotor (page 6-78).

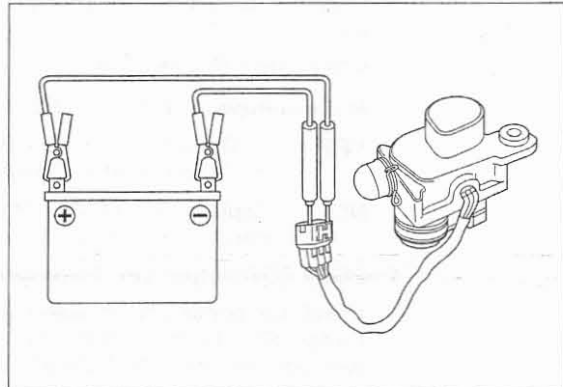
Connect the 12 V battery to the EGCV servomotor connector terminals and check the servomotor function.

Connection: Red (+) – Blue (-)

Does the EGCV servomotor operate normally?

YES – GO TO STEP 3.

NO – Faulty EGCV servomotor



3. ECM Output Line Inspection

Connect the ECM test harness to ECM connectors (page 6-11).

Check for continuity between the EGCV servomotor 6P (Natural) connector terminals of the wire harness side and ECM 32P (Black) connector.

Connection: Red (+) – A7 (-)
Blue (+) – A8 (-)

Is there continuity?

- YES** –
- Open circuit in Red wire
 - Open circuit in Blue wire

NO – Replace the ECM with a known good one, and recheck.

