

REGULATING VALVE POSITION SENSOR INSPECTION [SKYACTIV-D 2.2]

id0140z7217200

PID/DATA Monitor Inspection

Note

- The regulating valve position sensor is integrated in the regulating valve actuator. The regulating valve actuator is integrated in the turbocharger.

1. Connect the M-MDS to the DLC-2.
2. Switch the ignition ON (engine off).
3. Access the PID/DATA monitor item and simulation item REGV using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)
4. Verify that the PID/DATA monitor item REGV changes according to the regulating valve opening angle when the simulation item REGV is set from 0% to 100%.
 - If not as verified, replace the turbocharger. (See TURBOCHARGER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)

Specification (Reference)

