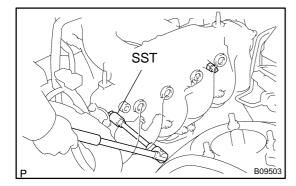
SF0OA-07

INSPECTION

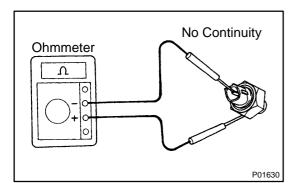
1. REMOVE ENGINE COVER

Remove the 4 nuts and engine cover.





- 3. REMOVE KNOCK SENSOR 1
- (a) Disconnect the knock sensor connector.
- (b) Using SST, remove the knock sensor. SST 09816-30010
- 4. REMOVE OIL DIPSTICK AND GUIDE FOR A/T (See page EM-65)
- 5. REMOVE STARTER (See page ST-4)
- 6. REMOVE KNOCK SENSOR 2 (See step 2)



7. INSPECT KNOCK SENSORS

Using an ohmmeter, check that there is no continuity between the terminal and body.

If there is continuity, replace the sensor.

- 8. REINSTALL KNOCK SENSORS
- (a) Using SST, install the knock sensor. SST 09816-30010

Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

- (b) Connect the knock sensor connector.
- 9. REINSTALL STARTER (See page ST-16)
- **10. REINSTALL OIL DIPSTICK AND GUIDE FOR A/T** HINT:

Use a new O-ring.

- 11. REINSTALL PS PUMP REAR STAY
 Torque: 39.2 N·m (400 kgf·cm, 29 ft·lbf)
- 12. REINSTALL ENGINE COVER

Reinstall the engine cover with the 4 nuts.

2005 LEXUS IS300 (RM1140U)

Author: Date: 1450