









2004 LEXUS IS300 (RM1054U)

- (c) Holding the hexagon portion of the camshaft with a wrench.
- (d) Using a 10 mm hexagon wrench, and the set bolt.

Torque: 81 N·m (810 kgf·cm, 60 ft·lbf)

(e) Using a 14 mm hexagon wrench, install the straight screw plug with the seal washer to the set bolt.

Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)

- (f) Align the dot mark on the camshaft timing pulley with the timing mark of the No. 4 timing belt cover.
- (g) Remove the wrench.
- 8. CONNECT NO. 1 OIL PIPE
- (a) Install the union bolt to the oil control valve filter.

NOTICE:

In case of touching the filter, avoid holding the mesh part and holding the frame part.

(b) Install the oil pipe with 2 new gasket and the union bolt to the No.3 camshaft bearing cap.

Torque: 55 N·m (550 kgf·cm, 41 ft·lbf)

- 9. INSTALL CAMSHAFT TIMING OIL CONTROL VALVE (See page SF-43)
- 10. INSTALL NO. 1 CYLINDER HEAD COVER
- (a) Install the cylinder head and gasket with the 6 bolts.

Torque: 8.5 N·m (85 kgf·cm, 75 in.·lbf)

- (b) Using a torx socket (E5), install the 2 stud bolts.

 Torque: 8.5 N·m (85 kgf·cm, 75 in.·lbf)
- (c) Install the 2 nuts to the 2 stud bolts.

Torque: 8.5 N·m (85 kgf·cm, 75 in.·lbf)

- (d) Install the high-tension cords and clamps with the 2 bolts.

 Torque: 8.0 N·m (80 kgf·cm, 71 in.-lbf)
- (e) Using a 5 mm hexagon wrench, install the engine wire protector with the bolt and nut.
- 11. INSTALL THROTTLE BODY AND INTAKE AIR CON-NECTOR ASSEMBLY (See page EM-5)
- 12. INSTALL ENGINE COVER

Install the engine cover with the 4 nuts.

13. INSTALL EXHAUST CAMSHAFT TIMING PULLEY

- (a) Align the camshaft knock pin with the groove on the pulley, and slide on the timing pulley.
- (b) Slide the timing pulley on the camshaft, facing the front mark forward.
- (c) Using SST, install the pulley bolt. SST 09960–10010 (09962–01000, 09963–01000) Torque: 81 N·m (810 kgf·cm, 60 ft·lbf)

Author:

Date:

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