AC381-01

INSTALLATION

- 1. INSTALL COMPRESSOR
- (a) Install the compressor with the stud bolt.

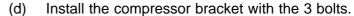
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

(b) Install the 2 bolts and nut.

Torque:

Bolt: 52 N·m (530 kgf·cm, 38 ft·lbf) Nut: 52 N·m (530 kgf·cm, 38 ft·lbf)

(c) Connect the connector.



Torque:

bolt A: 39 N-m (400 kgf-cm, 29 ft-lbf) bolt B: 52 N-m (530 kgf-cm, 38 ft-lbf)

(e) Install the PS pump bracket with the bolt.

Torque: 52 N·m (530 kgf-cm, 38 ft-lbf)

2. INSTALL PS PUMP

(a) Install 2 PS pump set bolt.

Torque: 58 N-m (590 kgf-cm, 43 ft-lbf)

(b) Connect the engine wire.

(c) Connect the PS pump connector and wire harness clamp.

3. CONNECT DISCHARGE AND SUCTION HOSES

Connect the both hoses with 2 nut.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

NOTICE:

Hose should be connected immediately after the caps have been removed.

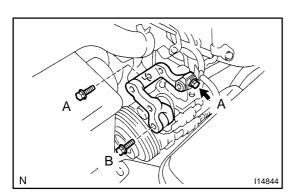
HINT:

Lubricate 2 new O-rings with compressor oil and install them to the hoses.

- 4. INSTALL DRIVE BELT (See page AC-18)
- 5. INSPECT DRIVE BELT TENSION (See page AC-16)
- 6. CONNECT NEGATIVE (-) TERMINAL CABLE TO BATTERY
- 7. EVACUATE AIR FROM REFRIGERATION SYSTEM AND CHARGE SYSTEM WITH REFRIGERANT Specified amount: 600 ± 50 g (21.16 ± 1.76 oz.)
- 8. INSPECT FOR LEAKAGE OF REFRIGERANT

Using a gas leak detector, check for leakage of refrigerant. If there is leakage, check the tightening torque at the joints.

9. INSPECT A/C OPERATION



2005 LEXUS IS300 (RM1140U)

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