



# SERVICE BULLETIN

Classification: HA16-005	Reference: NTB17-032	Date: March 24, 2017
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## 2014-2016 TAXI; A/C SOLENOID VALVE REPLACEMENT

APPLIED VEHICLE: 2014-2016 Taxi

### SERVICE INFORMATION

The Air Conditioning (A/C) Solenoid Valve shown in Figure 1 is now available as a separate service part. If replacement is needed, follow the Service Procedure on the next page.

**NOTE:** The A/C Solenoid Valve is located at the passenger side rear engine compartment area next to upper strut mount.

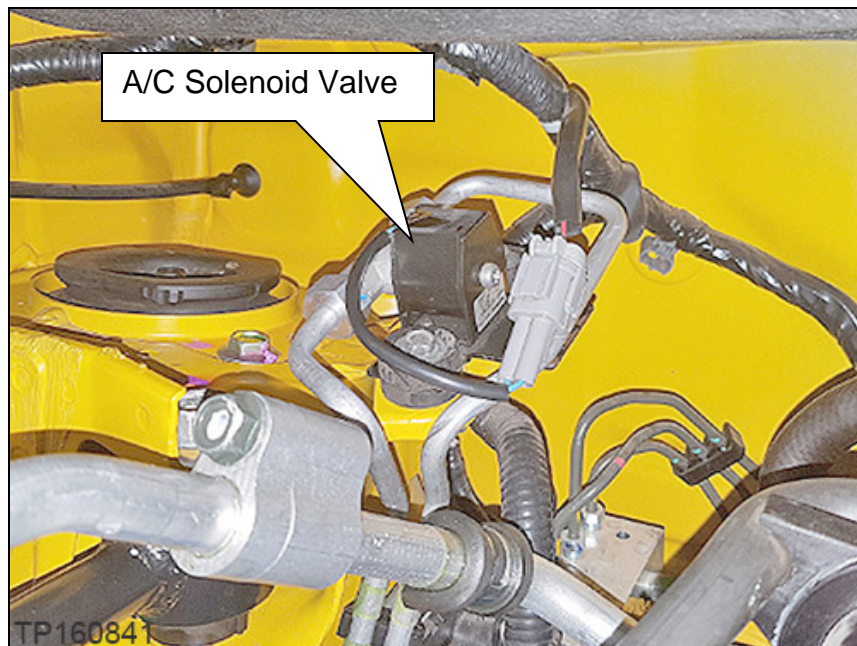


Figure 1

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

1. Evacuate the A/C system.
  - Refer to the Electronic Service Manual (ESM), section **HA – Heater & Air Conditioning System**, for evacuation information.

2. Disconnect the A/C Solenoid Valve harness connector.

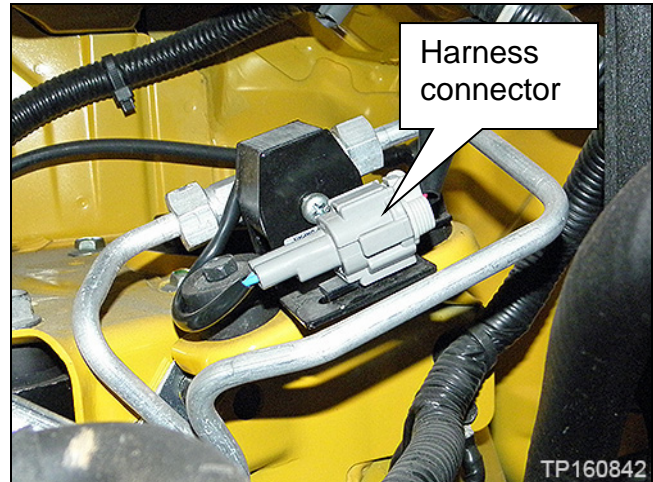


Figure 2

3. Disconnect the two refrigerant lines from the A/C Solenoid Valve.

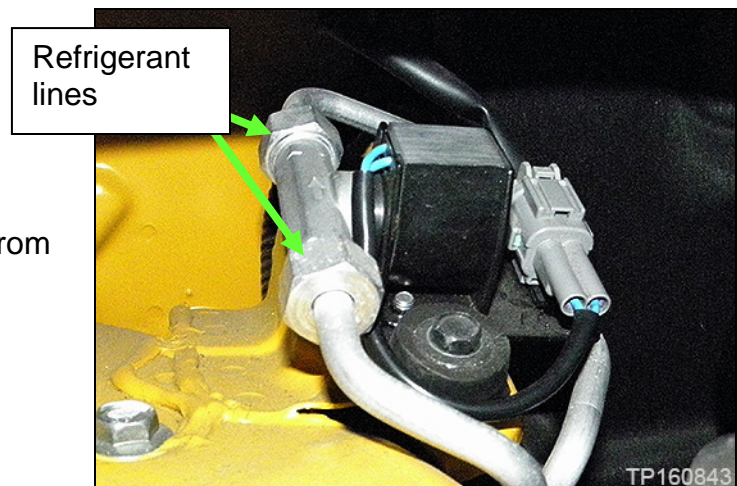


Figure 3

4. Remove the two A/C Solenoid Valve mounting bolts.

5. Remove the A/C Solenoid Valve.

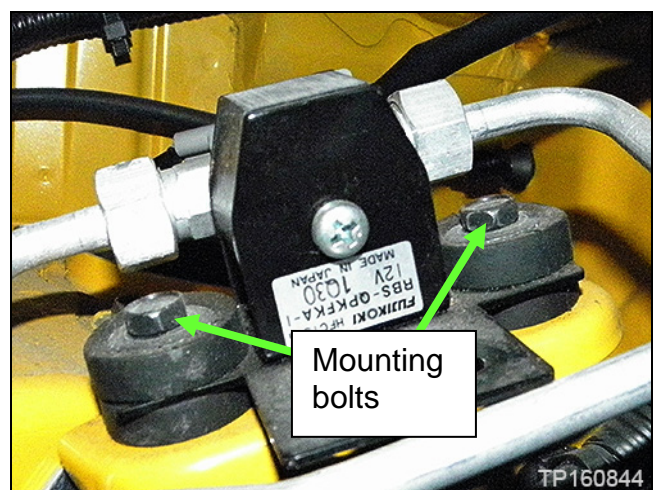


Figure 4

6. Remove the old O-rings from the refrigerant lines.
7. Remove any dirt or debris from the refrigerant line O-ring sealing surfaces.
8. Install new O-rings to the refrigerant lines.
  - Apply “Type S” A/C lubricant to the new O-rings after installation.

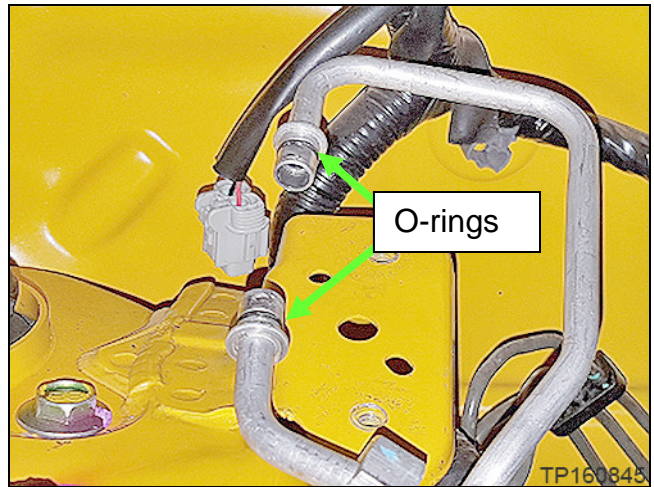


Figure 5

9. Carefully install the A/C Solenoid Valve onto the refrigerant lines, but do not reattach the nuts yet.
 

**NOTE:** Take care to avoid O-ring damage.

10. Install the two mounting bolts that attach the A/C Solenoid Valve to the vehicle.
  - Bolt torque:  
5.5 N•m (0.56 kg-m, **49 in-lbs.**)

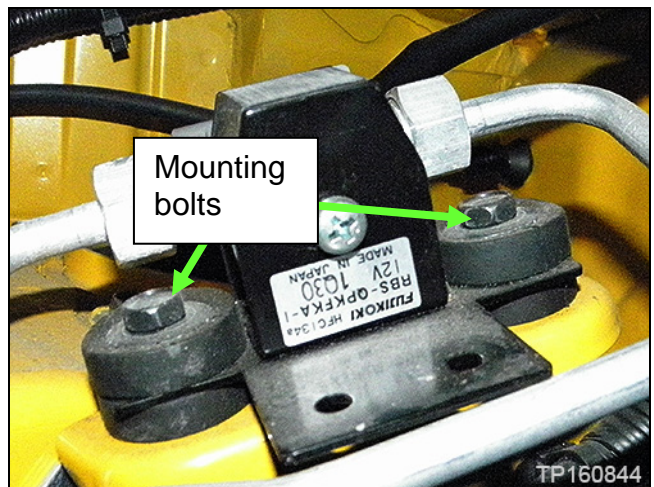


Figure 6

11. Reattach the refrigerant line nuts to the A/C Solenoid Valve.
  - Nut torque:  
9.8 N•m (1.0 kg-m, **86 in-lbs.**)
12. Connect the A/C Solenoid Valve harness.
13. Recharge the A/C system.
  - Refer to the Electronic Service Manual (ESM), section **HA – Heater & Air Conditioning System**, for recharging information.

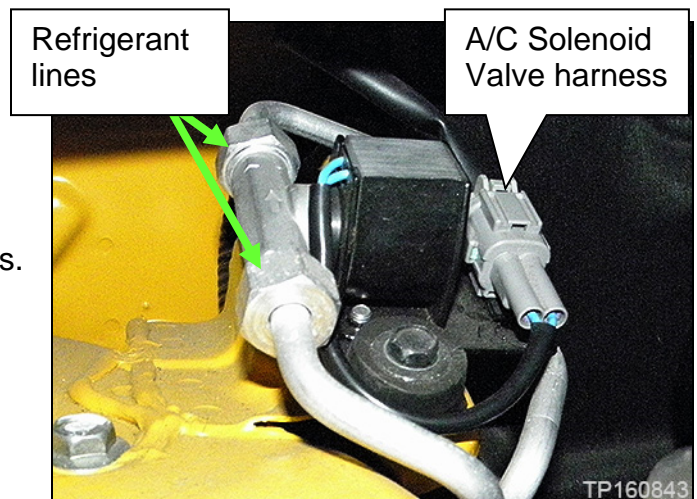


Figure 7

**PARTS INFORMATION**

DESCRIPTION	PART NUMBER	QUANTITY
A/C Solenoid Valve	92487-3LN0A	1
Seal, O-ring	92471-N823A	2

**CLAIMS INFORMATION**

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL A/C SOLENOID VALVE	(1)	TX45AA	(2)	(2)	1.2 hrs.

- (1) Reference the Parts Information table and use the A/C Solenoid Valve Part Number as the PFP.
- (2) Use the Symptom and Diagnostic codes that apply to the customer complaint and technician findings for this repair.

