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# SERVICE BULLETIN

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Classification: EL10-030	Reference: NTB10-139	Date: November 23, 2010
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## ALTIMA SEDAN, COUPE, AND HYBRID; ENGINE NO CRANK / NO START

**APPLIED VEHICLES:** 2007 – 2010 Altima Sedan (L32) with CVT only  
2008 – 2010 Altima Coupe (CL32) with CVT only  
2007 – 2010 Altima Hybrid (L32HV)

### IF YOU CONFIRM:

The engine will not crank (or go to READY MODE – Hybrid) when pressing the push-button ignition switch and applying the brake pedal.

- ACCESSORY and IGNITION ON modes can be turned on and off during this condition.

### ACTION:

Install a new brake lamp switch and sub-harness with those listed in **PARTS INFORMATION**.

For parts replacement and installation, refer to **SERVICE PROCEDURE** starting on Page 4.

### NOTE:

- This bulletin does not apply to manual transmission equipped vehicles.
- This bulletin does not apply to Hybrid vehicles with HEV related CONSULT-III DTCs.
- This bulletin does not apply for this incident, should it occur, if ACCESSORY and IGNITION ON modes cannot be turned on.
  - Go back to ASIST and the Electronic Service Manual (ESM) for further diagnostic and repair information.

**IMPORTANT:** The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** (starting on page 4) as it contains information that is essential to successfully completing this repair.

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.

## PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
HARN SUB – STOP LAMP	24167-ZX00J	1
SWITCH ASSY – STOP LAMP (1)	25320-JN00A	1
BAND – HOSE (tie strap)	24216-W1000	4

(1) Old and new stop lamp switches are not interchangeable. The stop lamp switch listed above must be used when installing the sub-harness.

## CLAIMS INFORMATION

### Altima Sedan / Coupe

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Sub-Harness, replace Stop Lamp Switch	(1)	PX57AA	ZE	32	0.5

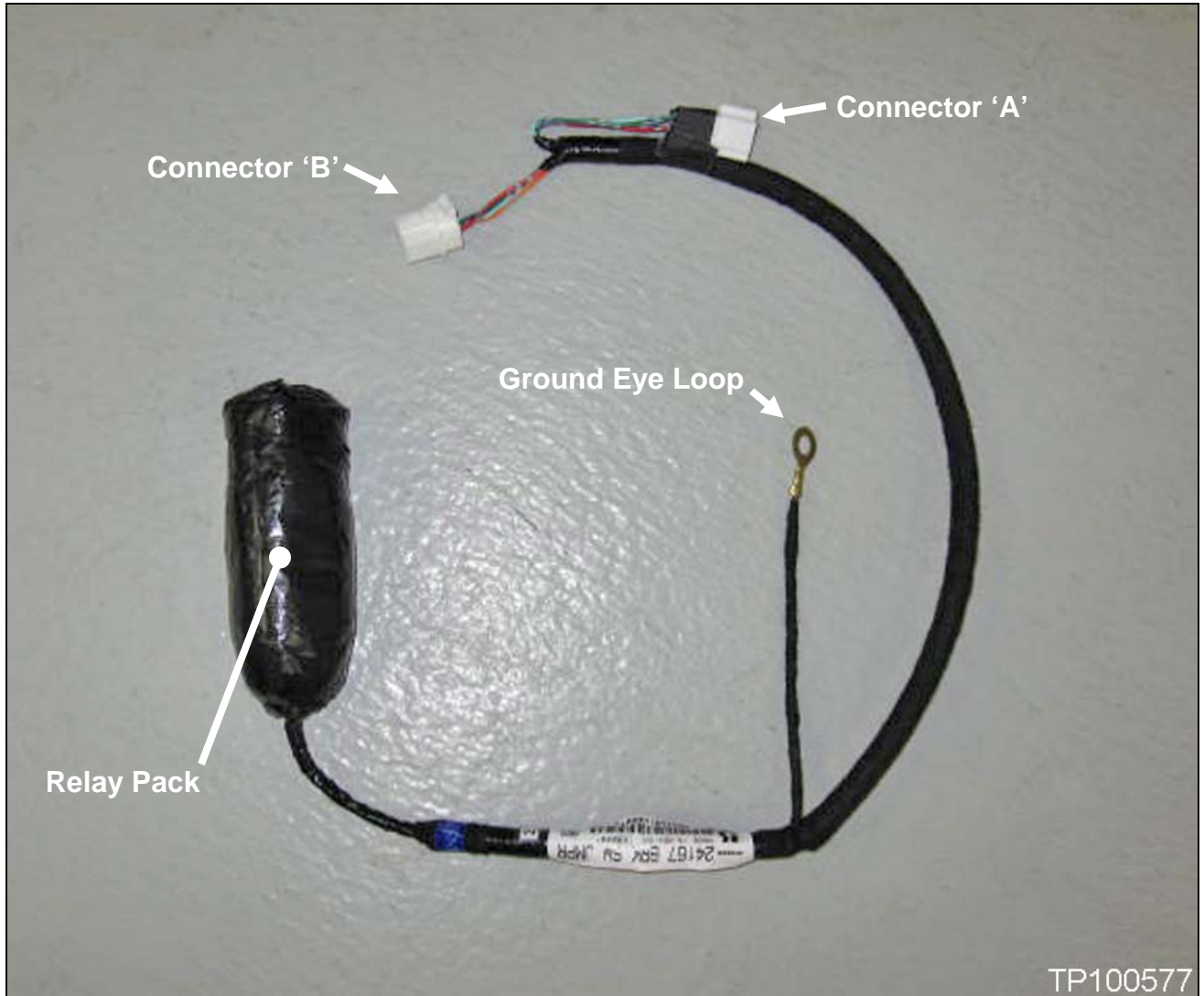
(1) Refer to the electronic parts catalog (FAST or equivalent) and use the appropriate Stop Lamp Switch part number as the Primary Failed Part (PFP).

### Altima Hybrid

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Sub-Harness, replace Stop Lamp Switch	(1)	PX58AA	ZE	32	0.7

(1) Refer to the electronic parts catalog (FAST or equivalent) and use the appropriate Stop Lamp Switch part number as the Primary Failed Part (PFP).



Stop Lamp Sub-Harness

## SERVICE PROCEDURE

1. Write down all radio station presets.

Presets	1	2	3	4	5	6
A						
B						
C						

2. Disconnect the negative battery cable (12v auxiliary battery – Hybrid).

3. Remove the driver side instrument side mask (see Figure 1).

4. Remove the fuse block cover.



Figure 1

5. Remove the screw behind the fuse block cover shown in Figure 2.

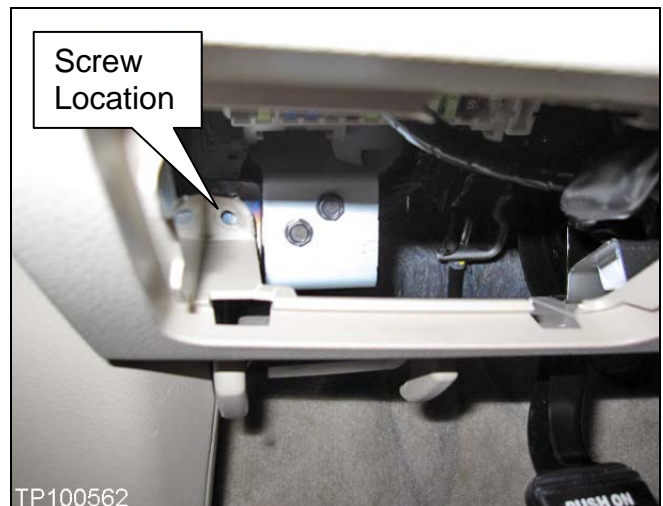


Figure 2

6. Detach the driver side instrument lower cover (see Figure 3).



Figure 3

7. Disconnect the in-vehicle sensor tube and connector (if so equipped) See Figure 4.



Figure 4

8. Swing out of the way and position the instrument lower cover outside the door opening (see Figure 5).
- Use suitable protection between the instrument lower cover and surrounding areas.



Figure 5

9. Remove the driver side console side finisher (see Figure 6).



Figure 6

10. Remove the connector duct (see Figure 7).

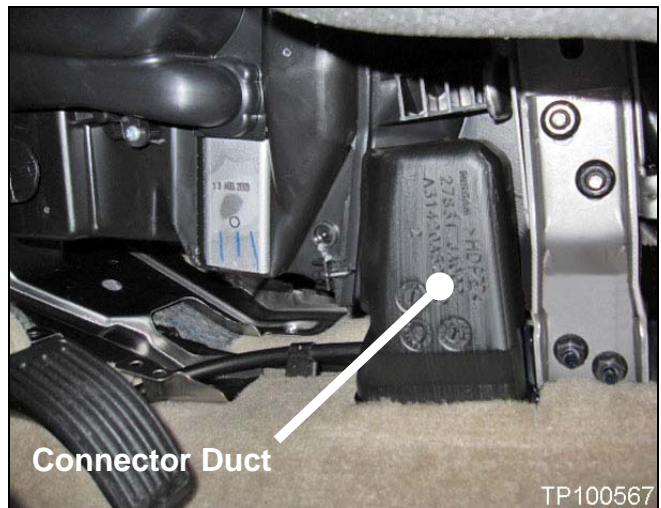


Figure 7

11. Position the relay pack of the stop lamp sub-harness under the heater and cooling assembly where shown in Figure 8.

- This sub-harness is listed in **PARTS INFORMATION** and also pictured on Page 3.
- Route the harness end of the relay pack to the rear.

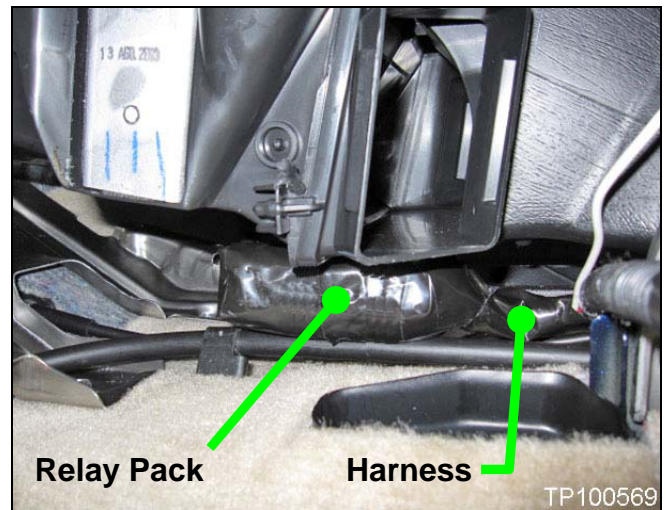


Figure 8

12. Route the sub-harness over the top of the steering member stay (see Figure 9).



Figure 9

13. Disconnect the E38 stop lamp switch connector, and then replace the stop lamp switch (see Figure 10).

**NOTE:** Old and new stop lamp switches are not interchangeable. The stop lamp switch listed on Page 2 in **PARTS INFORMATION** must be used when installing the sub-harness.



Figure 10

14. Connect connector 'A' to connector E38 (see Figure 11).

15. Connect connector 'B' to the stop lamp switch (see Figure 11).

- Refer to Page 3 for connector identification.



Figure 11



16. Use two (2) tie straps (P/N 24216-W1000) to secure the sub-harness to the tire pressure antenna bracket and steering member stay as shown in Figure 12.

**CAUTION:** Make sure the sub-harness does not come in contact with the steering column lower shaft.

- Cut off tie strap excess.

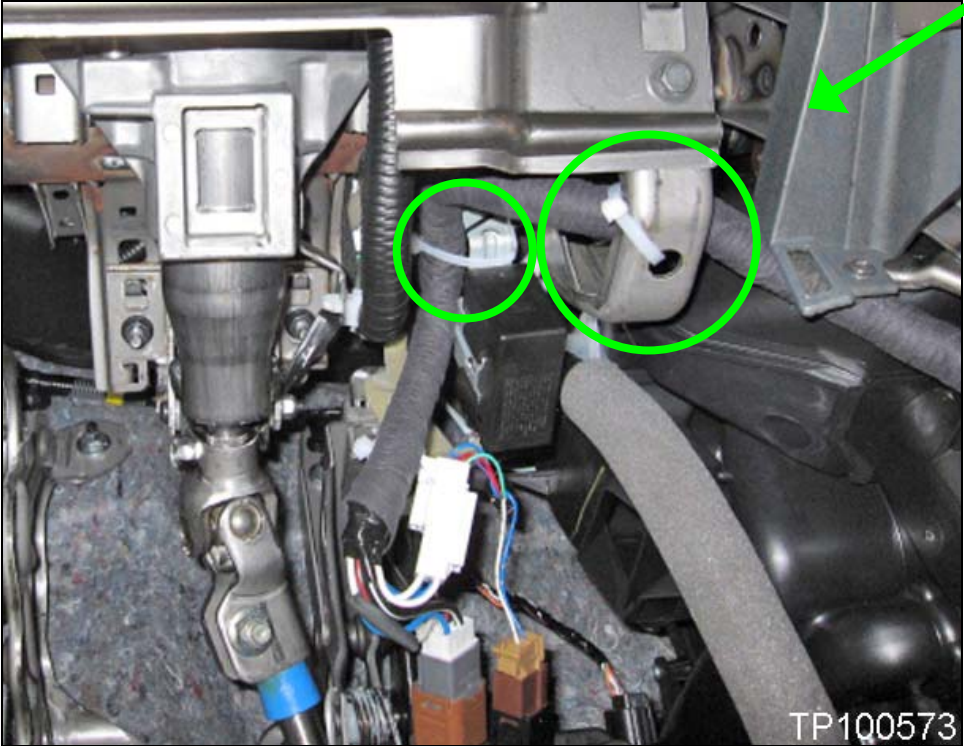


Figure 12

17. Secure the relay pack of the sub-harness to the shift cable where shown in Figure 13.

- Use two (2) tie straps (P/N 24216-W1000).



Figure 13

- Secure the tie strap by holding down the lock portion and pulling (twisting) the other end through.
- See Figure 14 for example.
- Cut off tie strap excess.

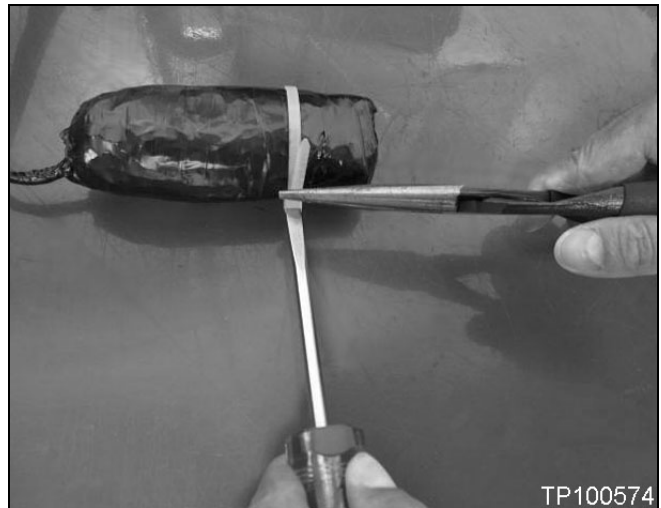


Figure 14

18. Remove the nut, install the ground eye loop on the stud, and then reinstall the nut where shown in Figure 15.

- Nut torque: 14 – 20 N•m (1.4 – 2.0 kg-m, **123.9 – 177.0 in-lb**)



Figure 15

19. Reconnect the negative battery cable.

20. Verify the engine starts normally.

21. Reinstall removed parts in reverse order, starting at Page 6, Step 10.

22. Reprogram the radio presets.

23. Reset / initialize all applied systems i.e., power windows, clock, sunroof, etc.

- Refer to the ESM as needed.

24. For Hybrid vehicles only: The VDC light will be ON after the 12v auxiliary battery is disconnected. To turn off the light, drive the vehicle straight for five (5) seconds at or above 22 MPH.

