SERVICE BULLETIN

Classification:	Reference:	Date:
EL15-028	NTB15-112	December 22, 2015

2013-2015 PATHFINDER; LOW POWER / STOP LAMPS STAY ON

APPLIED VEHICLE: 2013-2015 Pathfinder (R52) **2WD with V6 engines only**

IF YOU CONFIRM

The following, or the customer reports the following:

- Intermittently there is low power when accelerating,

  And/or

- The stop lamps (brake lights) stay ON after releasing the brake pedal, with the ignition ON or OFF.

ACTION

- Delete the stop lamp relay and bypass the stop lamp relay circuit.
- Replace the stop lamp switch with the one listed in **PARTS 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 as it contains information that is essential to successfully completing the repair.

SERVICE PROCEDURE

1. Remove the stop lamp fuse (#10) from the “junction box” fuse block in the Instrument panel.

2. Remove “fuse and relay box” (fuse box) cover and locate stop lamp relay (Figure 1).
   - Fuse box located on bulkhead above engine.

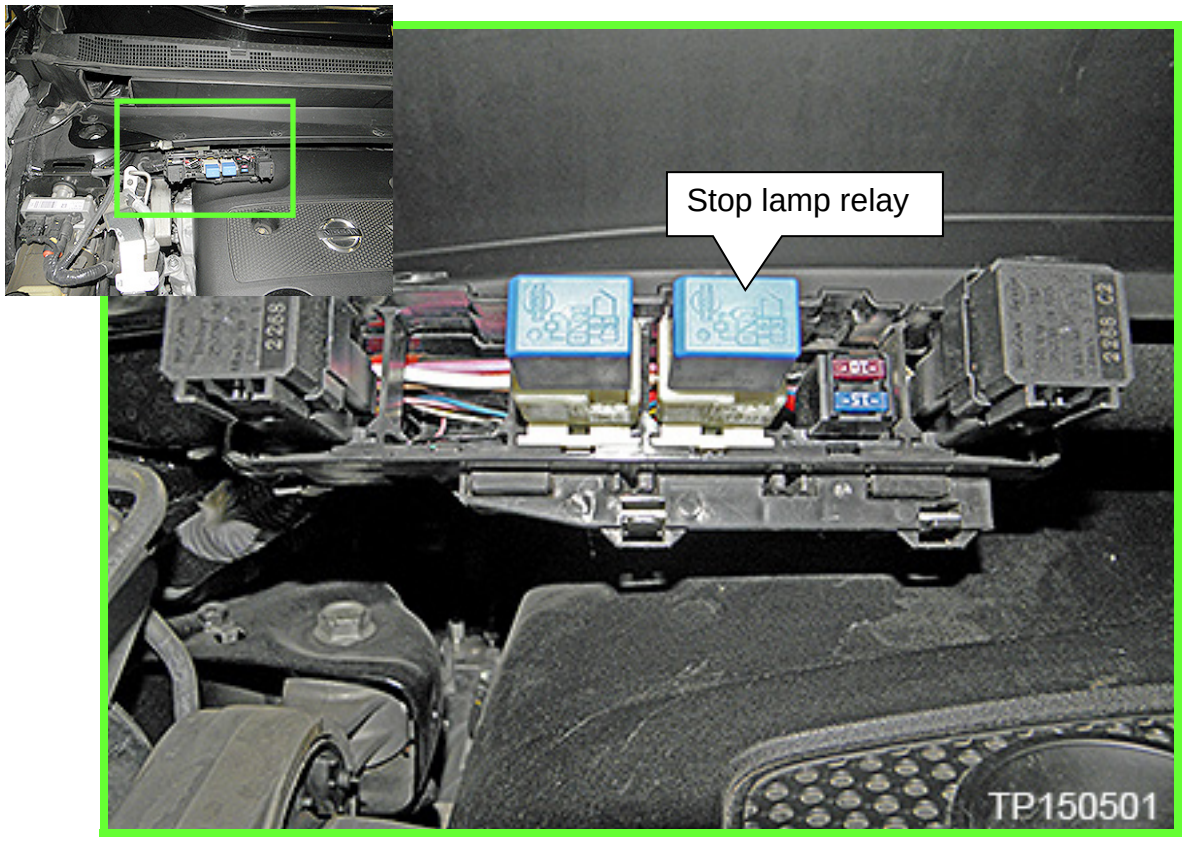

Figure 1

3. Remove the stop lamp relay (Figure 2).

   NOTE: This relay will not be reinstalled.

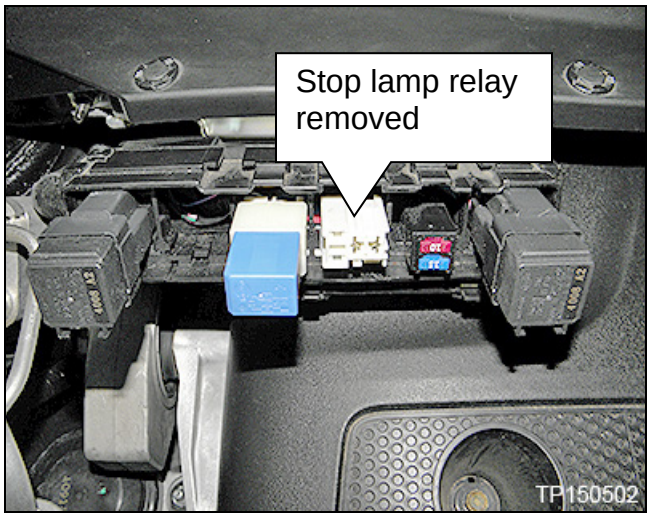

Figure 2

4. Release the fuse box from its mounting bracket.

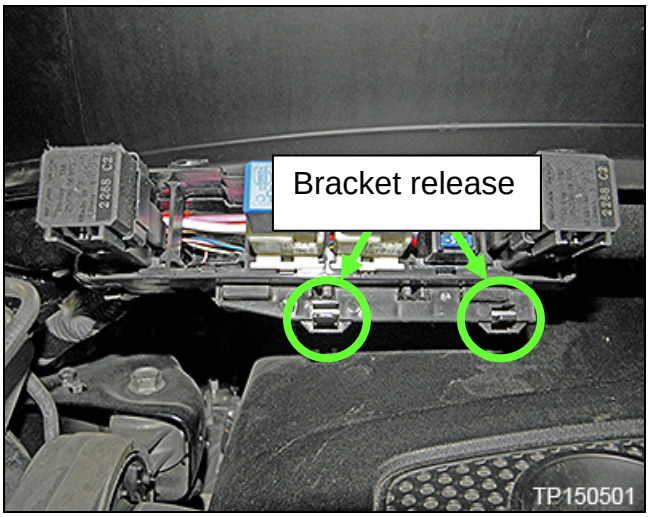

Figure 3

5. Remove the back cover of the fuse box.

   NOTE: Do not remove the back cover from the harness.

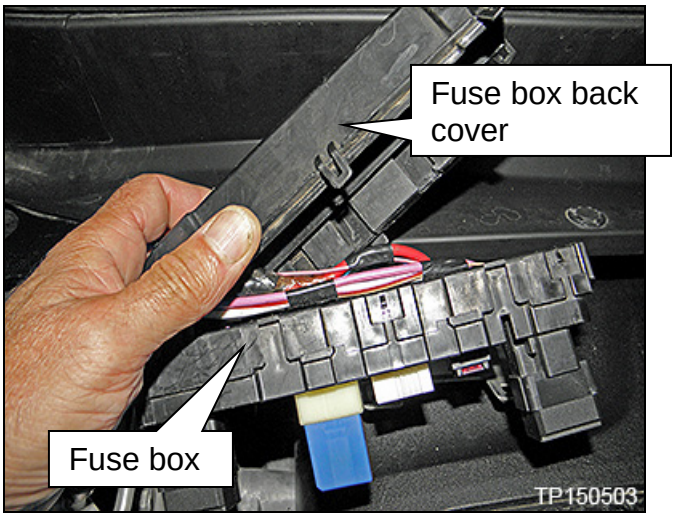

Figure 4

6. Release the stop lamp relay connector from the fuse block.

7. Locate the red and the white wires on the bottom of the stop lamp relay connector (Figure 5).

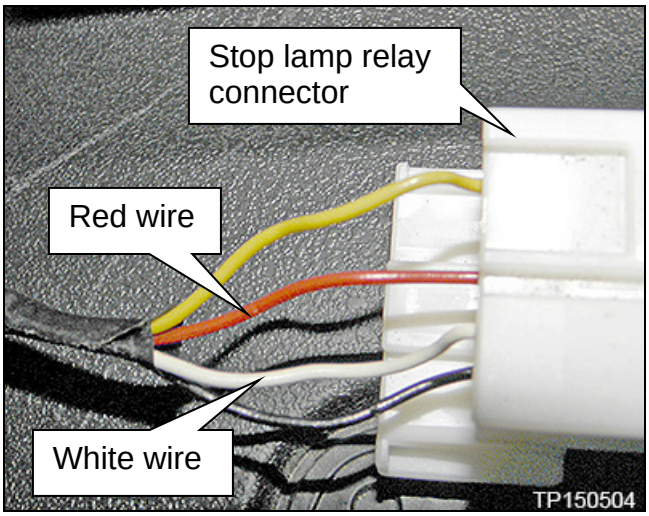

Figure 5

8. Cut the red and white wires of the stop lamp relay connector (Figure 6).

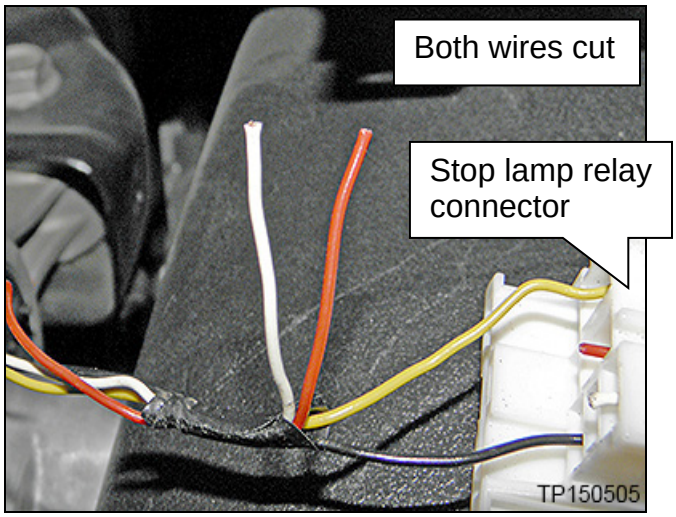

Figure 6

9. Strip approximately 1/4" of insulation from the ends of both the red and the white wires (Figure 7).

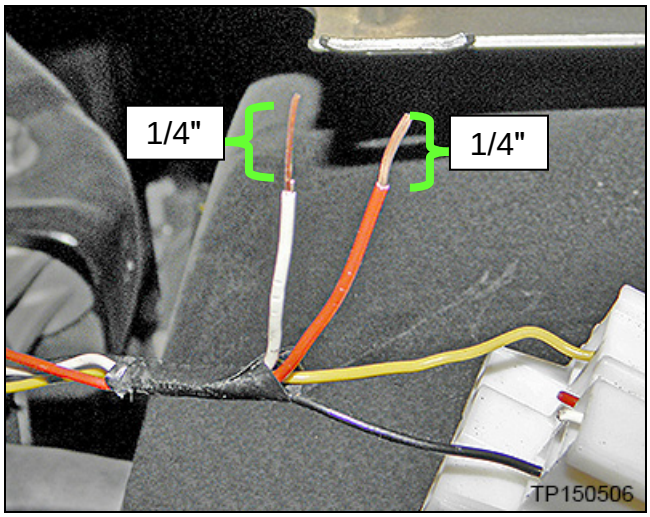

Figure 7

10. Twist the red and white wires together (Figure 8).

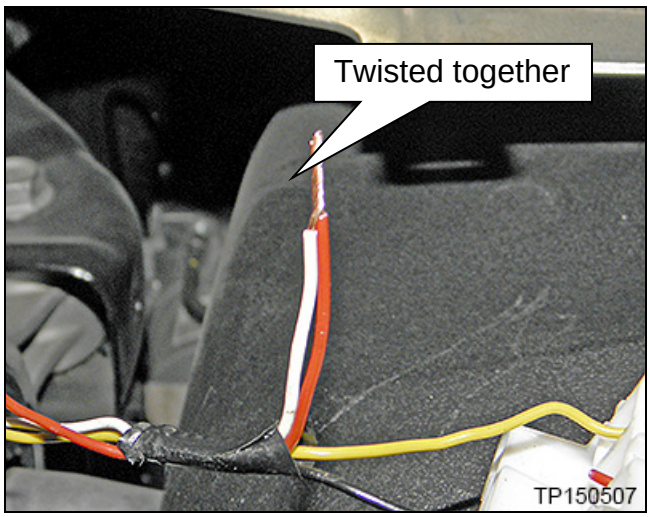

Figure 8

11. Slide a solder sleeve connector (#J-47003-2) over the twisted pair (Figure 9).
    - Confirm that the bare wires are aligned with the solder in the center of the connector.

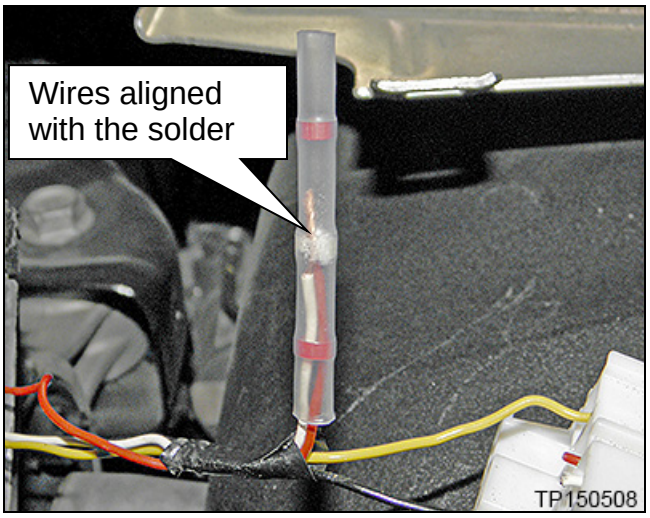

Figure 9

12. Apply heat (Figure 10) with a Flameless Heat Gun (#J-46538) until:
    - The solder completely melts

    And
    - Both ends of the shrink tube have been sealed.

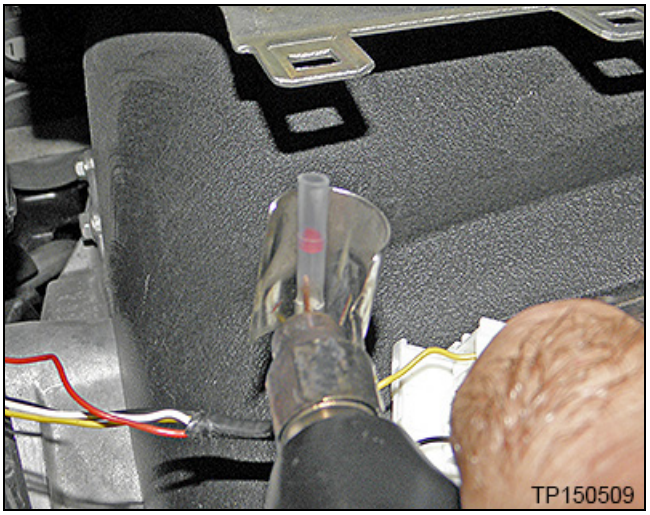

Figure 10

- Figure 11 shows completed solder connection.

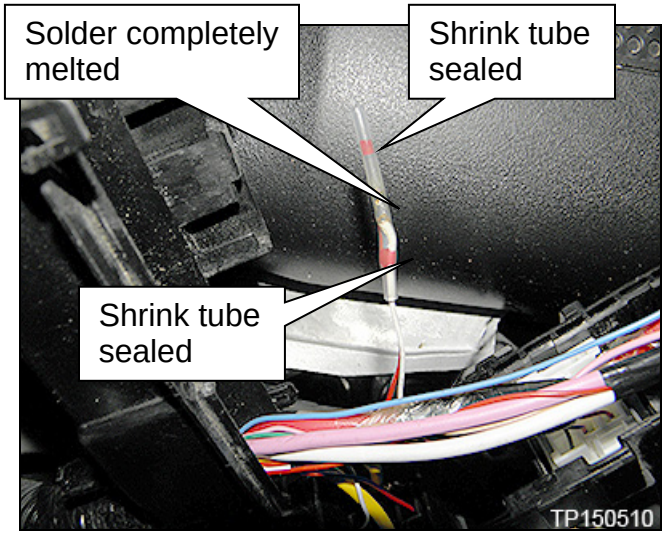

Figure 11

13. Cut the remaining two wires (yellow and black; Figure 12) to the stop lamp relay connector, and discard the connector.
    a. Tape the ends of the yellow and black wires.
    b. Tuck all wires from stop lamp relay out of the way and reinstall the back cover of the fuse box.
    c. Reattach the fuse box to its bracket.
    d. Reinstall fuse box cover.

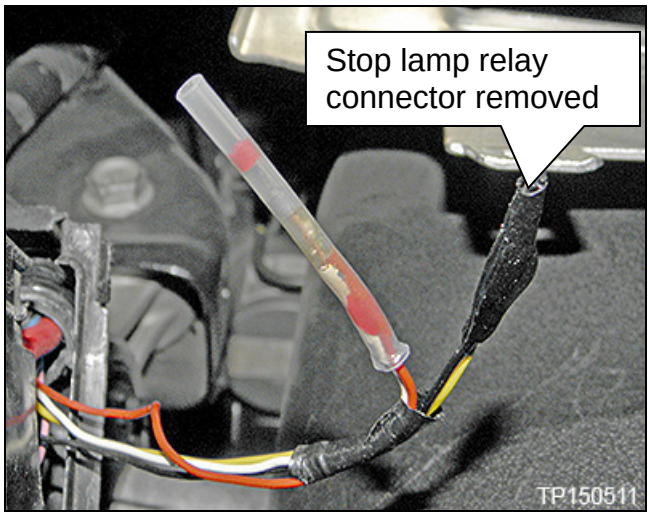

Figure 12

14. Replace the stop lamp switch with the part listed in **PARTS INFORMATION**.
    - Refer to the Electronic Service Manual (ESM), section **BR – Brake System / Brake Pedal** for replacement information and adjustment.

15. Reinstall the stop lamp fuse #10 into the instrument panel junction box.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Stop Lamp Switch	25320-AX10A	1
Solder Sleeve Connector	J-47003-2	1

CLAIMS INFORMATION

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

OPERATION	PFP	OP CODE	SYM	DIAG	FRT
Delete stop lamp relay	25320-AX10A	PX82AA	ZE	32	0.4