



SERVICE BULLETIN

Classification: EC17-012	Reference: NTB17-086	Date: July 25, 2017
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2016 – 2017 TITAN AND TITAN XD IGNITION WILL NOT TURN OFF

APPLIED VEHICLES: 2016 Titan XD (A61) **not** equipped with remote start
2017 Titan and Titan XD (A61) **not** equipped with remote start

APPLIED VIN // DATE: 2016 Models: All VINs and Dates
2017 Models built before:
1N6(*)A1(**)HN 541812 // March 29, 2017

IF YOU CONFIRM

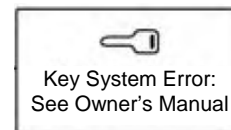
While driving, the “Key System Error” warning displays,

and

When parking the vehicle and pushing the Start/Stop switch, the ignition/engine does not turn OFF,

and

The connector cap for the hood switch harness connector (connector E94) is missing or damaged.



NOTE: Refer to Figures A and B on the next page for examples of missing and damaged connector cap.

ACTION

Replace the hood switch harness connector (connector E94) with the **new** one (Service Kit) listed in the 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 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.

Examples of Missing or Damaged Connector Cap

- Open the engine hood and look to the passenger side of the hood latch.
- Locate the hood switch harness connector (connector E94).
- Inspect connector for missing or damaged cap (dummy cap).

NG – connector cap missing.

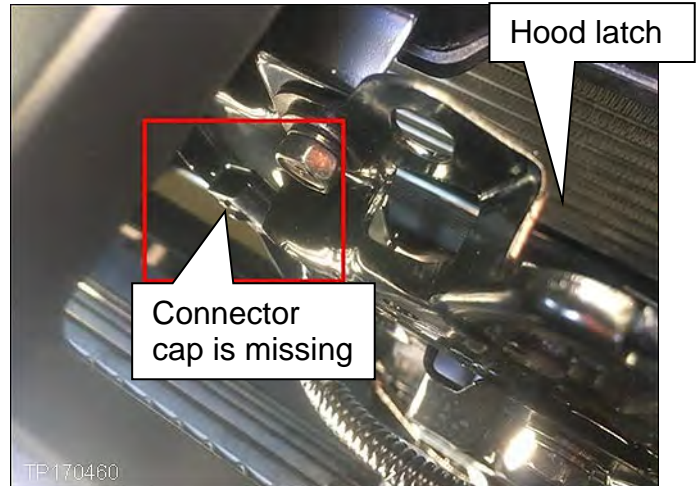


Figure A

NG – connector cap broken and partly missing.

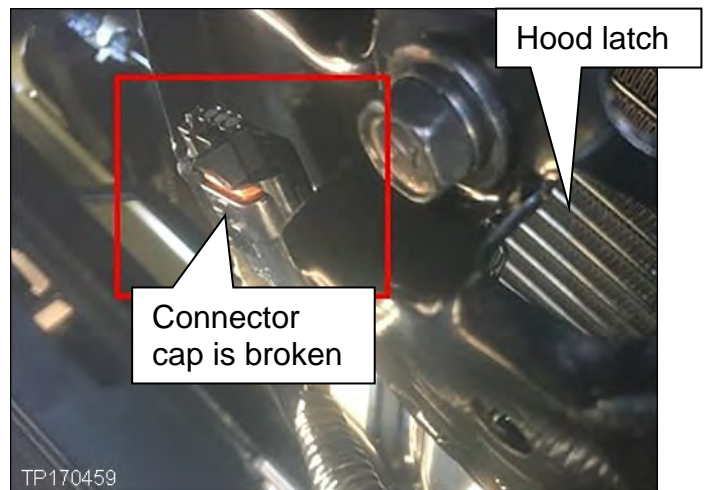


Figure B

OK – connector cap is in place.

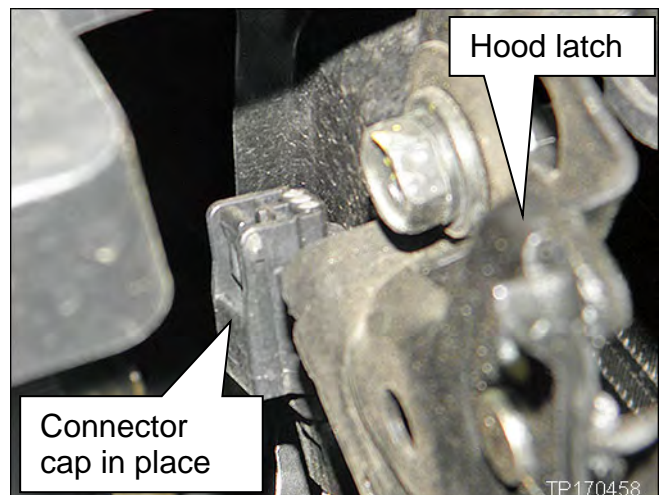




Figure C

NOTE: If this connector (E94) has a hood switch attached to it, this bulletin does not apply. This bulletin only applies to vehicles **not** equipped with a hood switch.

SERVICE PROCEDURE

1. Remove the front grille.
 - a. Release the pawls (A) and clips (B & C) shown in Figure 1.

 = Clips

 = Pawl

- b. Pull the front grill forward, away from the vehicle to remove.

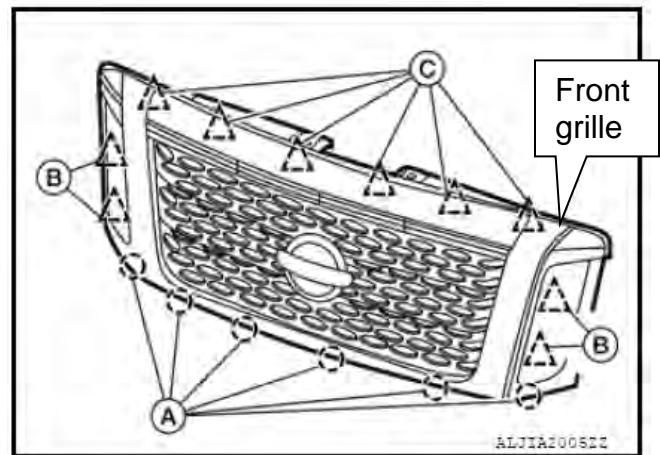


Figure 1

2. Locate the hood switch harness connector - connector E94 (see Figure 2).
 3. Release the harness connector from its mounting location.

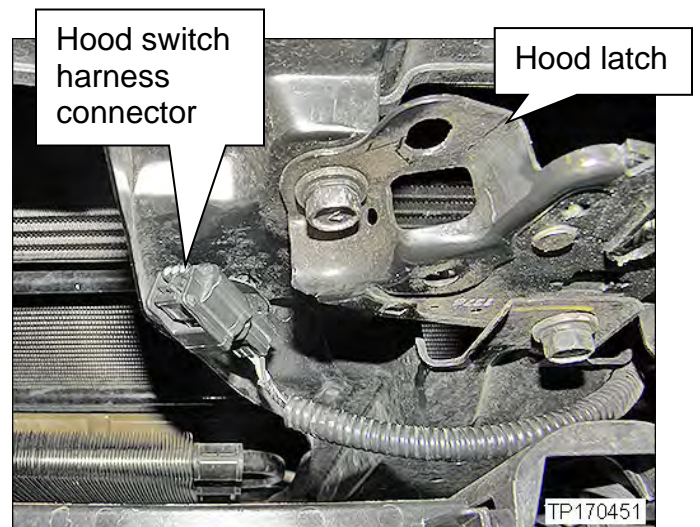


Figure 2

NOTE:

- If this connector (E94) has a hood switch attached to it, this bulletin does not apply.
- This bulletin only applies to vehicles **not** equipped with a hood switch, which is part of the remote start option.

4. Remove electrical tape and separate a few inches of wire from the corrugated cover as shown in Figure 3.
5. Measure 1.5 inch from the connector and cut the wires (see Figure 3).

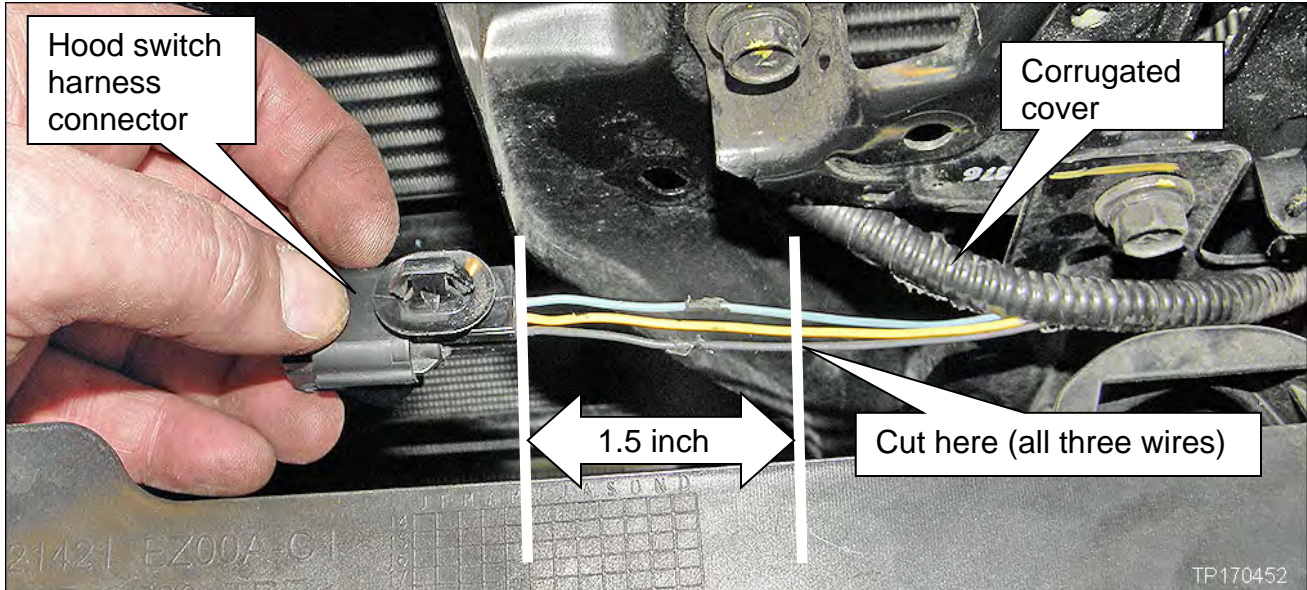


Figure 3

6. On the **new** connector - measure 1.5 inch from the connector and cut the wires (see Figure 4).
- New connector (Service Kit) is listed in the Parts information.

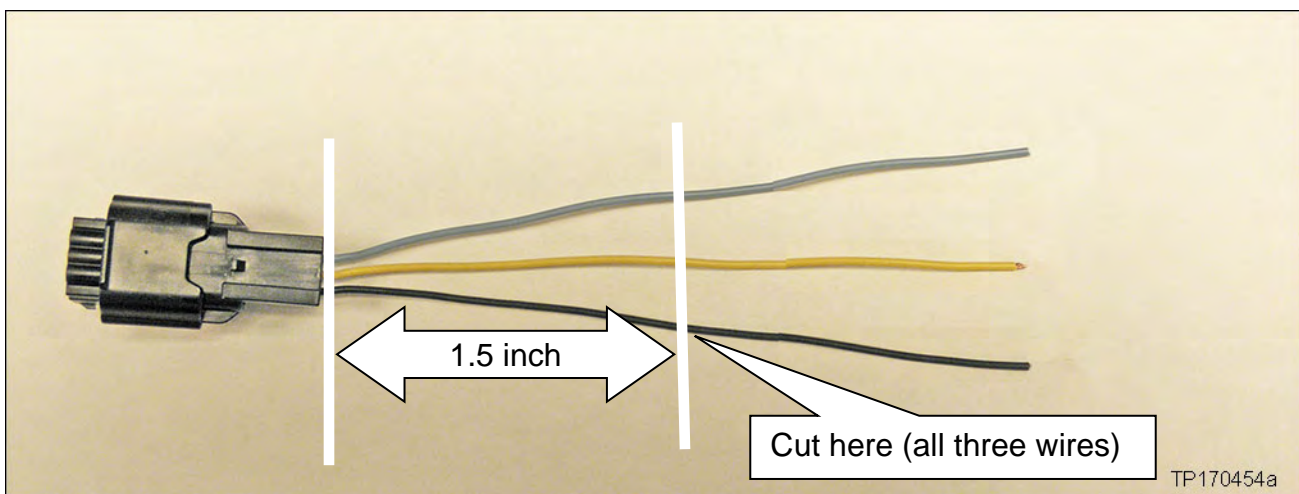


Figure 4

7. Match the wires colors from the **new** connector with the wire colors from the vehicle harness as shown in Figure 5.

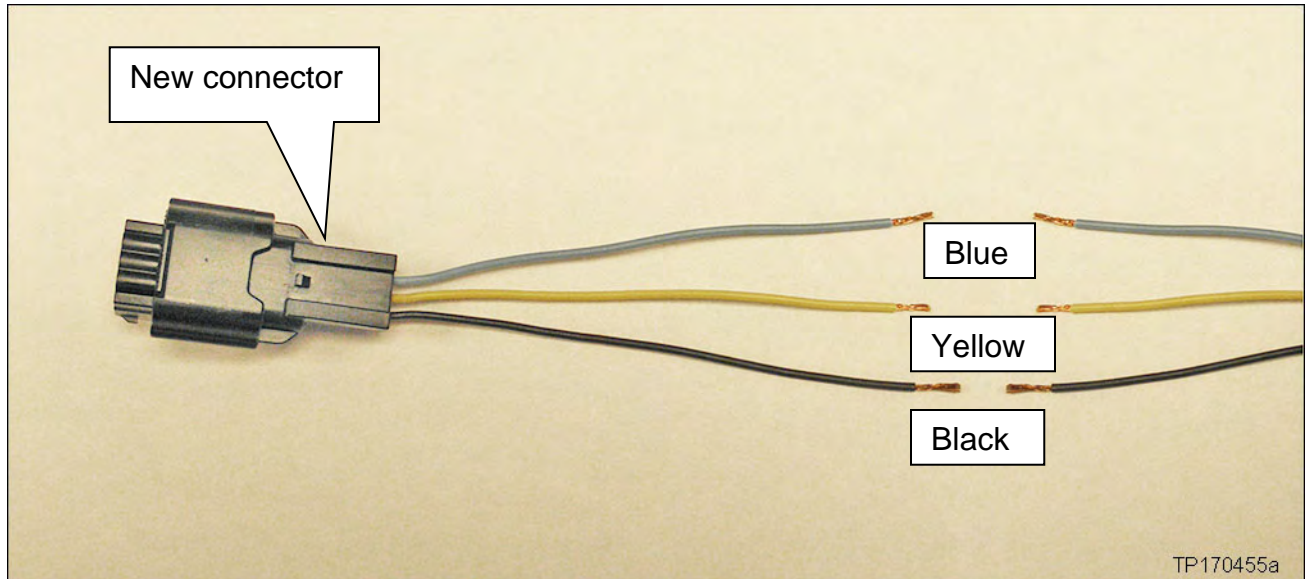


Figure 5

8. Attach/connect the wires together using solder sleeve connectors.
 - Refer to the Solder Sleeve Instructions on pages 6 and 7.
 - Solder sleeve connectors are listed in the Parts Information.

Solder Sleeve Instructions

- A. Strip about 10 mm of insulation from the ends of the wires.

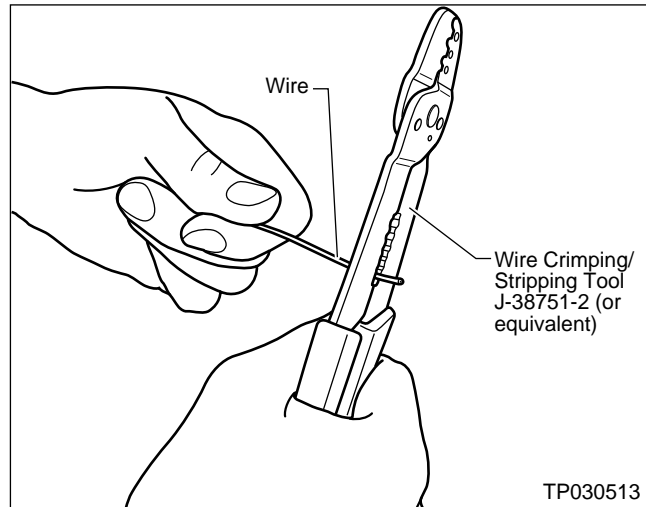


Figure 6

- B. Slide a Solder Sleeve Connector over the wire.

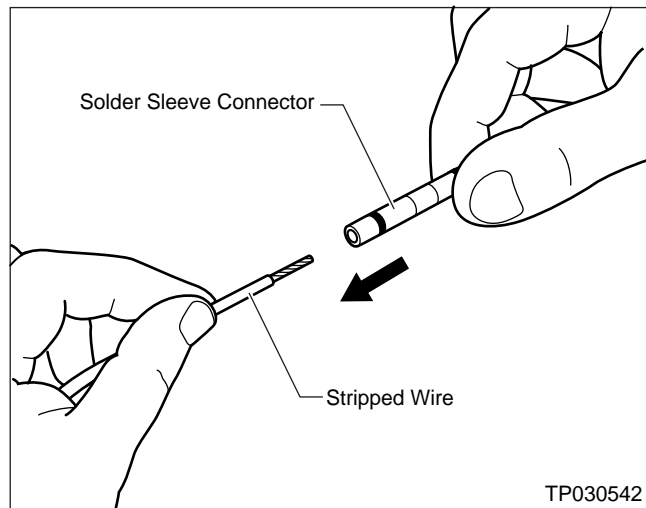


Figure 7

- C. Make sure the wires are securely twisted together.

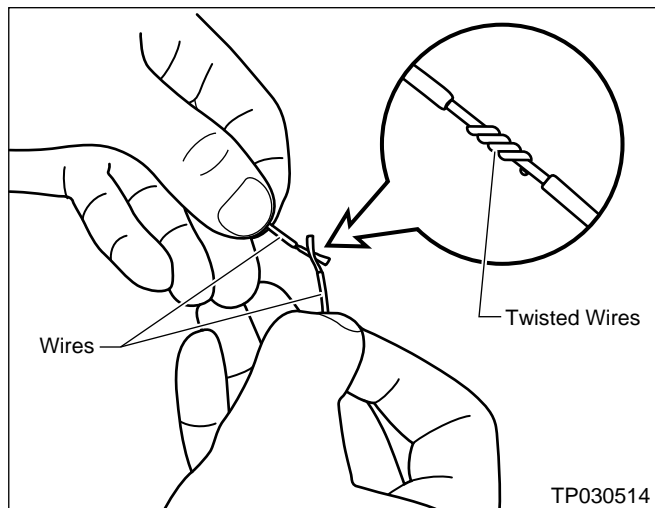


Figure 8

- D. Position the Solder Sleeve Connector so that the solder ring (in the connector) is centered around the exposed twisted wire area (see Figure 9).

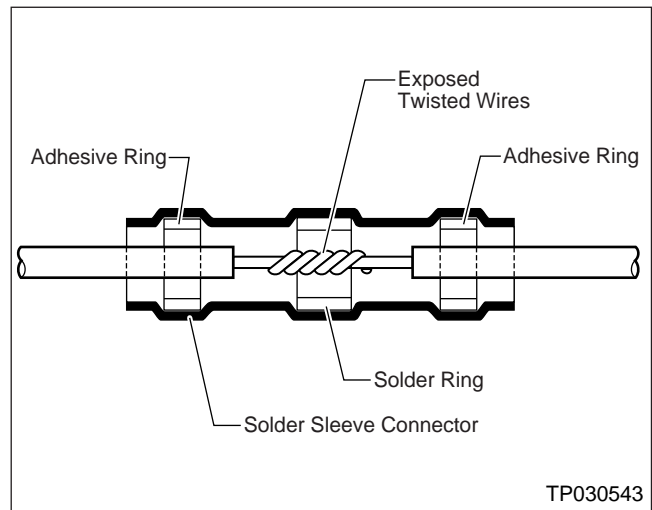


Figure 9

- E. Use the special Flameless Heat Gun—J-46538 to heat the Solder Connector.

This operation will:

- Melt the solder (silver ring inside the Solder Sleeve Connector) into the exposed twisted wire area.
- Melt the sealant (red rings inside solder connector) onto the wires.
- Shrink the plastic sleeve onto the wires.

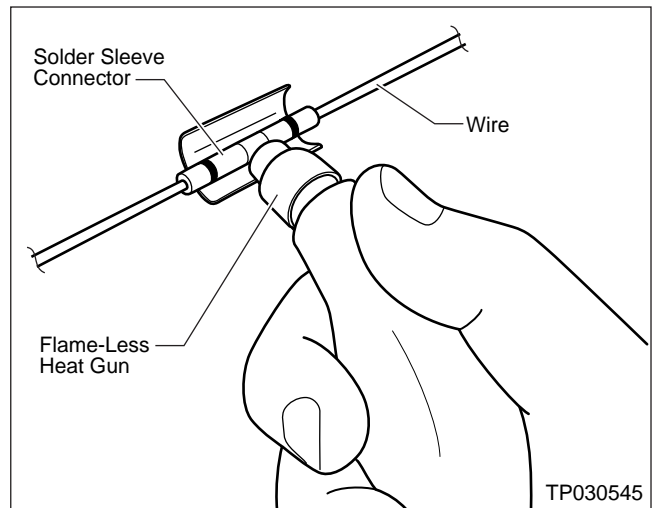


Figure 10

Important Soldering Tips:

- Position the Solder Connector in the middle of the heat shield (of the Heat Gun).
- Start heating the connector from the center and move back and forth (side to side) and around to allow even distribution of the heat to the entire connector.
- Make sure the solder completely flows into the exposed twisted wires and the adhesive properly seals the wire insulation to the connector sleeve. Stop applying the heat immediately after this happens.

WARNING:

- The Flame-Less Heat Gun and the Solder Connectors become HOT during the soldering process.
- Allow the Gun and connectors to cool down before handling them.

CAUTION: Be careful not to damage the connector or wires with the heat gun:

- Do NOT apply heat for more than about 40 seconds.
- Do NOT overheat the connector or wires (i.e., severe darkening of connector sleeve or wire insulation).

9. Tuck the wires back into the corrugated cover and re-tape.

- Use 3M/Scotch Professional Grade Vinyl Super 88 Electrical Tape ($\frac{3}{4}$ in wide) or equivalent.



Figure 11

10. Mount the new connector in the original location.

11. Re-install the front grille.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Service Kit (Includes connector, wires, connector cap, and mounting clip)	240R2 – EZ00A	1
Terminal – Joint (Solder Sleeve Connector)	24361 – 7990A	3
Electrical Tape	3M/Scotch Professional Grade Vinyl Super 88 Electrical Tape (3/4" wide) or equivalent (1)	Shop Supply

(1) This product (or an equivalent) is available at many local automotive supply stores, and many local hardware stores.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Repair Hood Switch Harness Connector	(1)	RX5SAA	ZE	6J	0.4

(1) Reference the electronic parts catalog (FAST or equivalent) and use the engine room harness 24012-xxxxx as the Primary Failed Part (PFP).

