

Classification:

EL19-048

Reference:

ITB19-039

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Date:

November 13, 2019

## 2019 QX30; CLOCK RESETS AFTER EACH IGNITION CYCLE

**APPLIED VEHICLE:** 2019 QX30 (H15)**APPLIED VIN:** Vehicles built on or after SJK(\*)H5(\*\*\*)KA 010351**APPLIED DATE:** Vehicles built on or after November 19, 2018

### IF YOU CONFIRM

The clock has to be reset each time the ignition is turned OFF, and then ON again.

- The ignition may need to be OFF for at least 15 minutes for the incident to occur.

### ACTION

Install a blue fuse holder to the fuse, fusible link and relay box (fuse block), and then move and rewire a fuse from fuse position # 42 to # 55.

- For blue fuse holder install and fuse rewire, refer to **SERVICE PROCEDURE** on page 3.

**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.

Infiniti 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 Infiniti retailer to determine if this applies to your vehicle.

## SPECIAL TOOL

Flameless Heat Gun J-46538

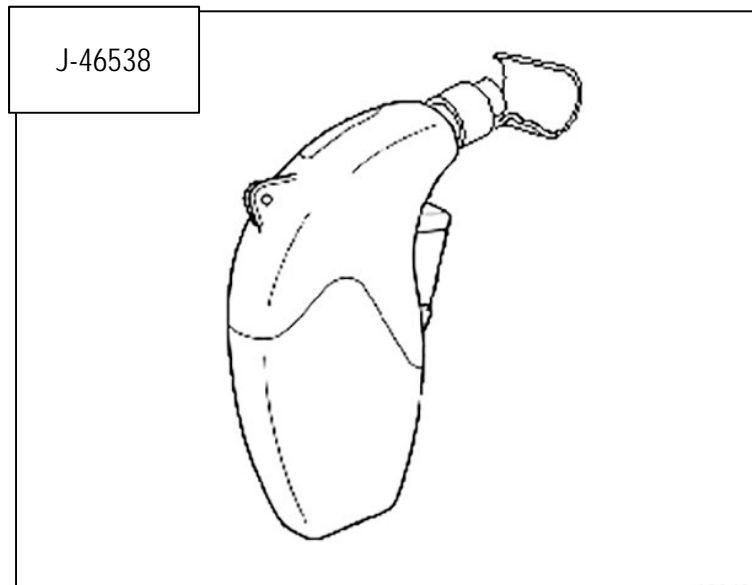


Figure 1

Tool J-46538 is available from TECH•MATE: 1-800-662-2001 or [nissantechmate.com](http://nissantechmate.com).

## SERVICE PROCEDURE

### Add Blue Fuse Holder, Reposition and Rewire Fuse # 42

1. Disconnect both main battery cables, negative cable first, at least 30 seconds after the ignition has been turned OFF.
  - Wait at least three (3) minutes before continuing to step 2.
2. Carefully pull back the front passenger carpet.

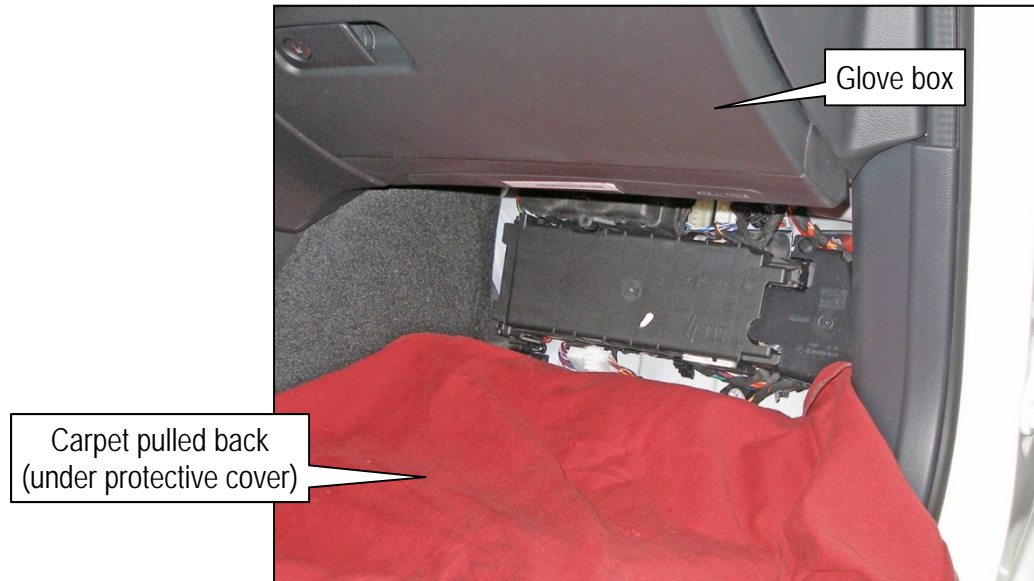


Figure 2

3. Remove the instrument lower cover RH (lower cover):
  - a. Remove the two (2) clips, pull down to unsnap the pawl, and then pull the lower cover rearward.

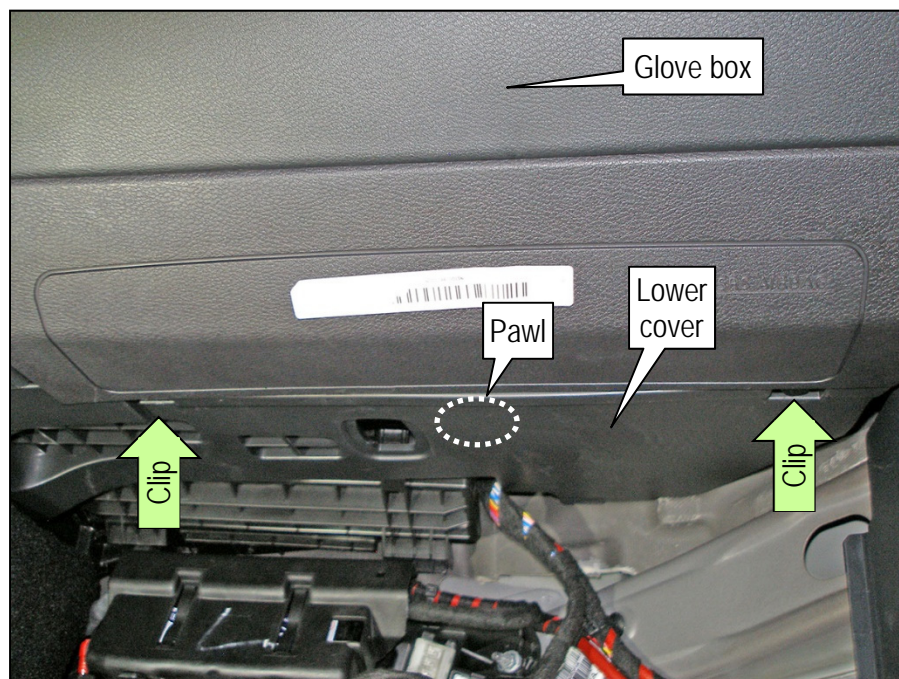


Figure 3

4. Unfasten the locks, and then remove the flitter cover.

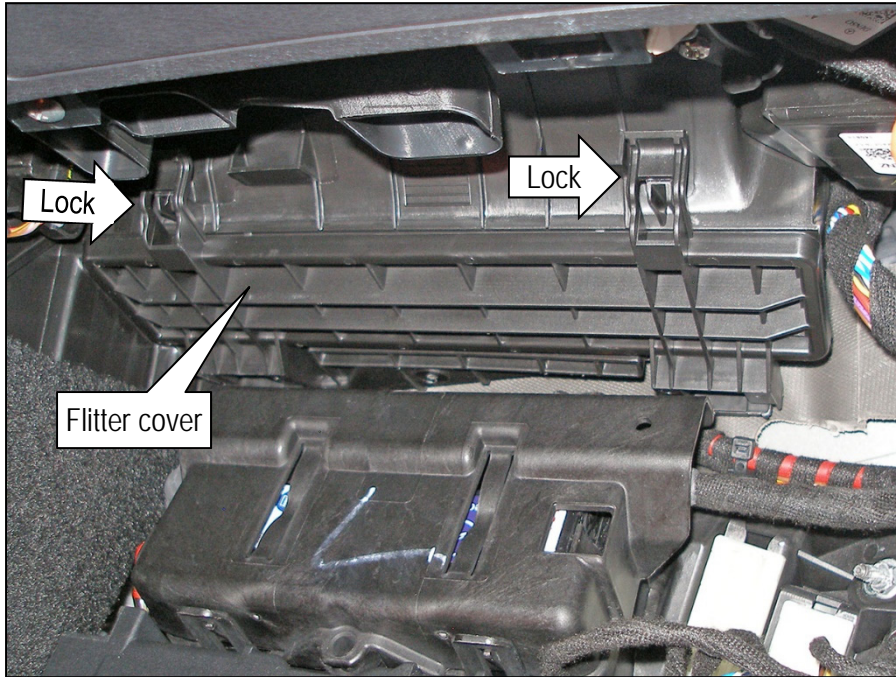


Figure 4

5. Unfasten the locks, and then remove the sub battery cover.

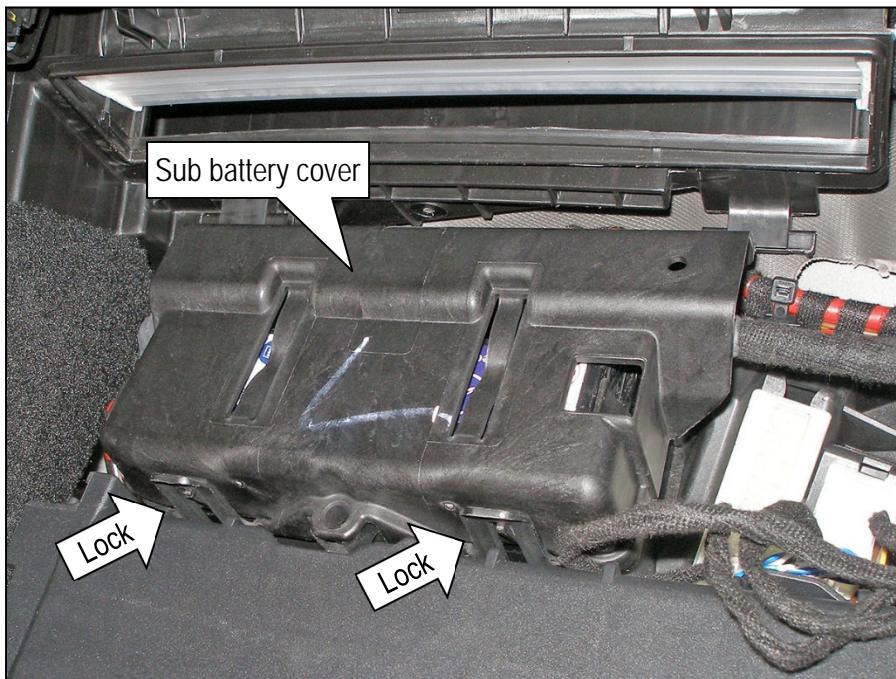


Figure 5

6. Disconnect both sub battery cables, negative cable first.

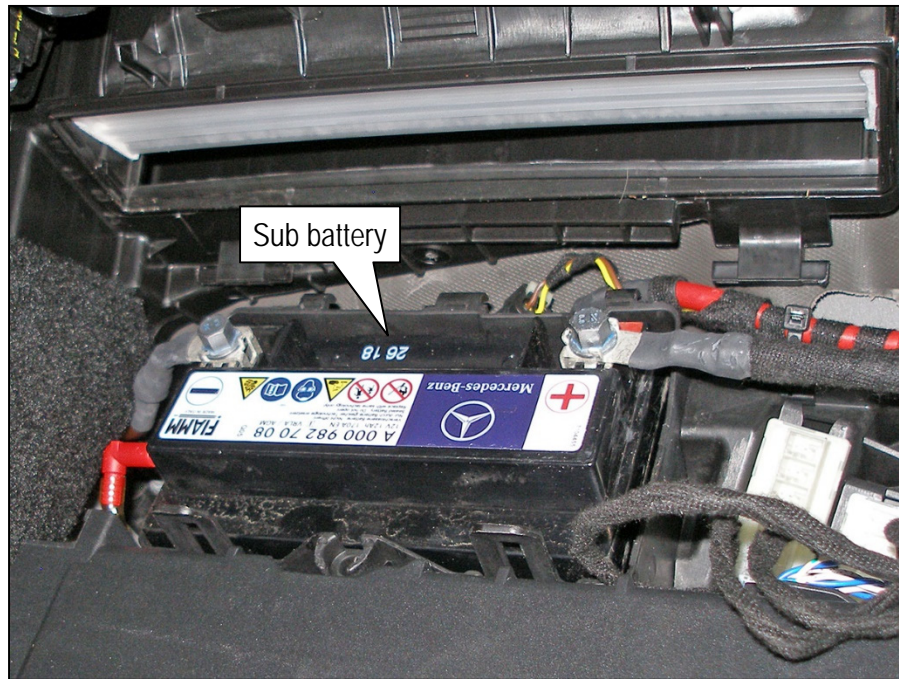


Figure 6

7. Remove the three (3) nuts and one clip.
8. After removing the clip, remove the small cover.

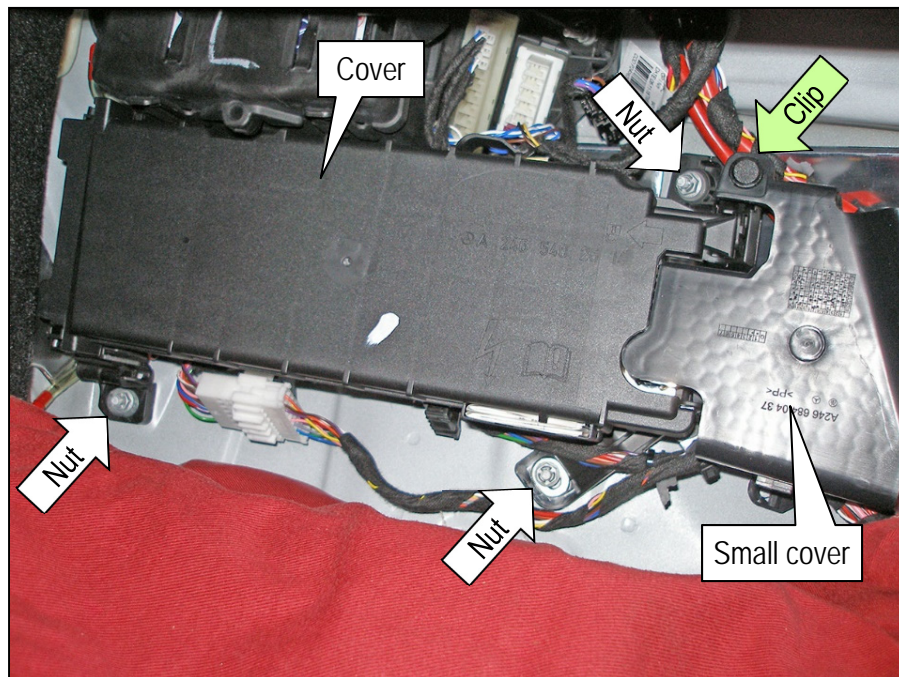


Figure 7

9. Pull out the fuse block, and then remove the cover.
10. Locate the yellow wire going to fuse # 42, and then cut it where shown in Figure 5.

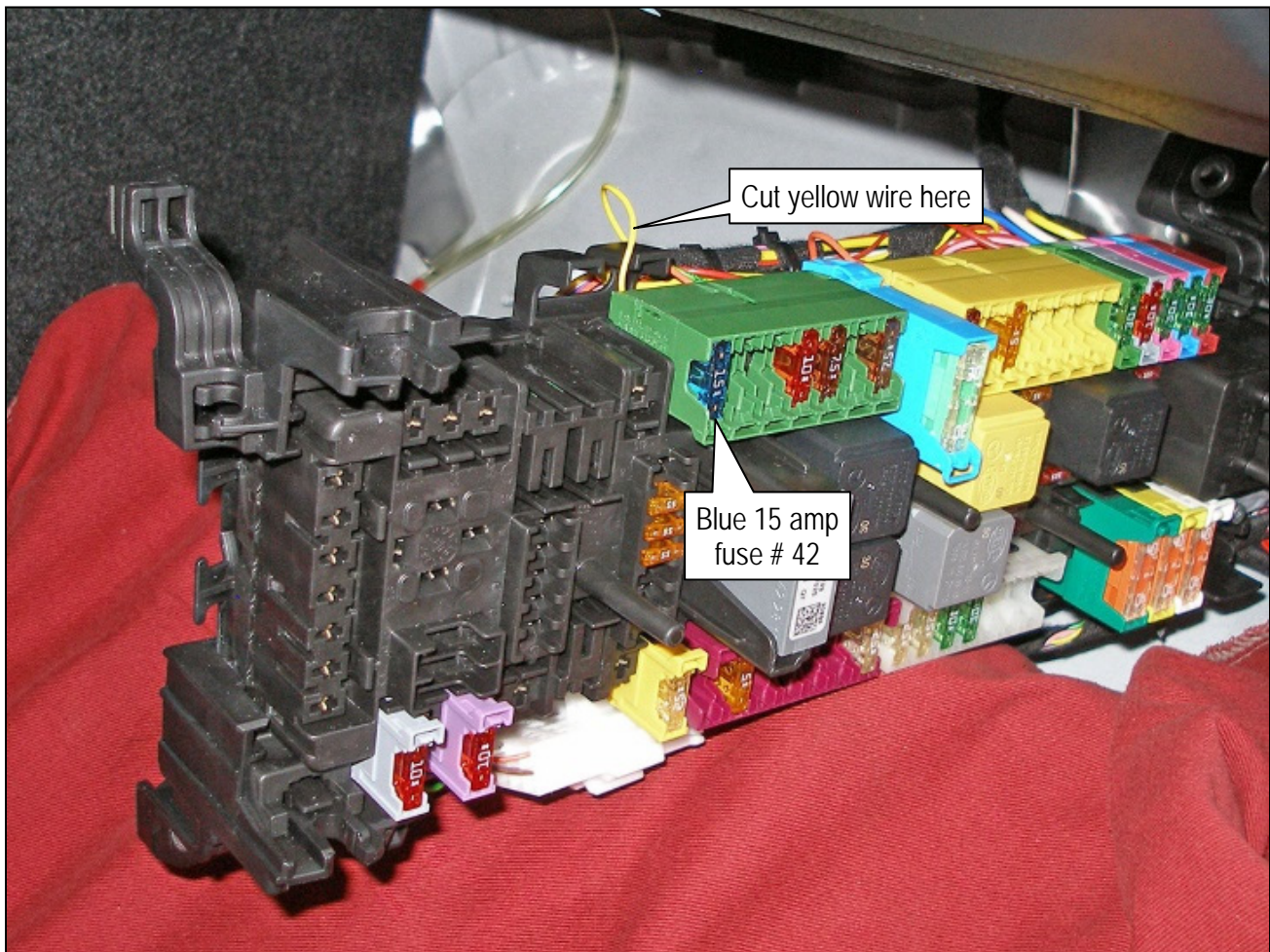


Figure 8

11. Place the blue fuse holder with yellow wire onto the fuse block but DO NOT snap it in place.
  - The blue fuse holder with yellow wire is included in the Rework Harness Kit.
    - See **PARTS INFORMATION** on the last page of this bulletin.
12. Strip off about 10 mm (3/8 in) of insulation from the end of each yellow wire.

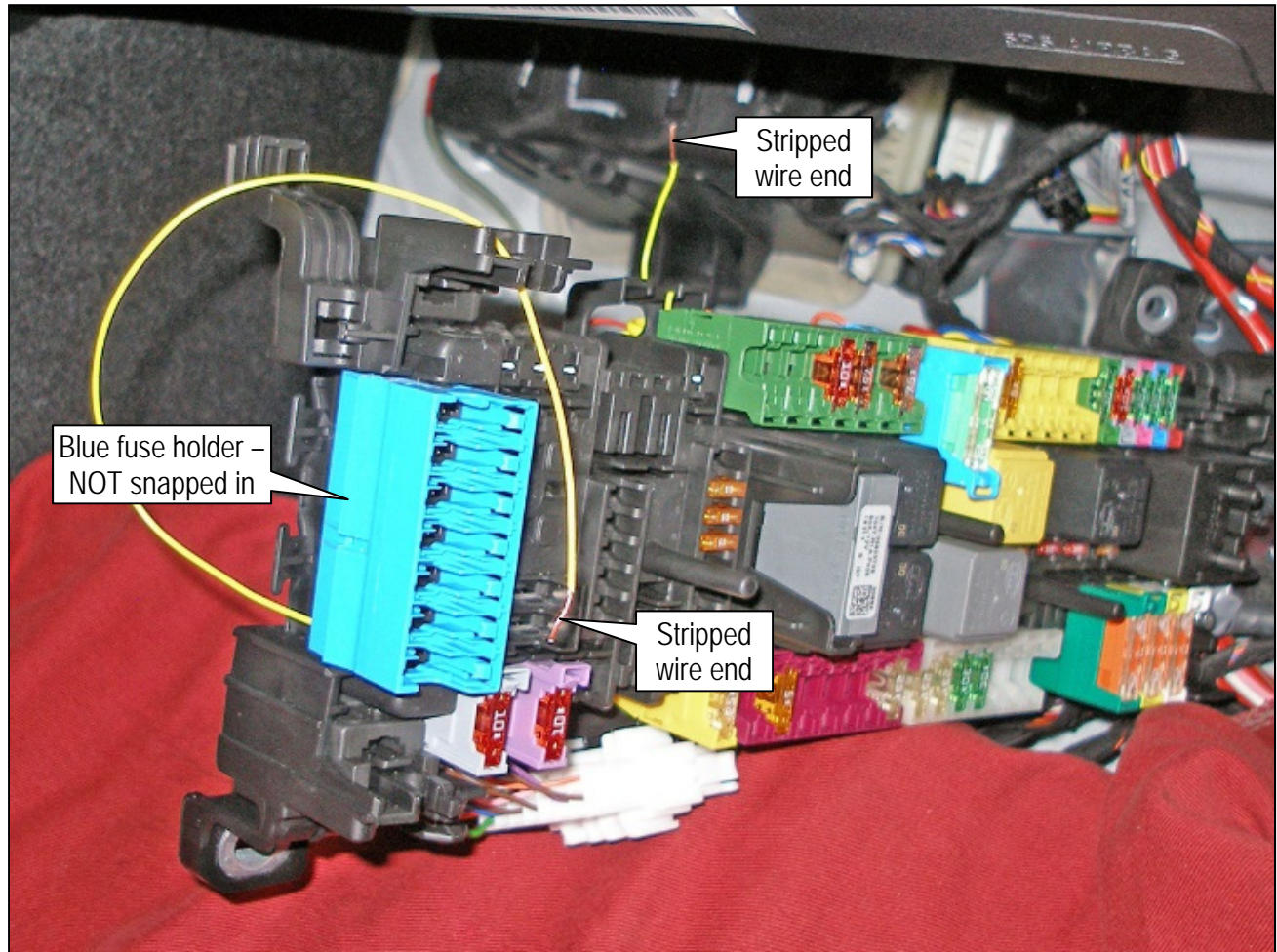


Figure 9

13. Slide a solder sleeve connector over the longer yellow wire.
  - For solder sleeve connectors, see **PARTS INFORMATION** on the last page of this bulletin.

**HINT:** Be sure to perform step 13 before step 14.
14. Twist together the exposed portions of both yellow wires.

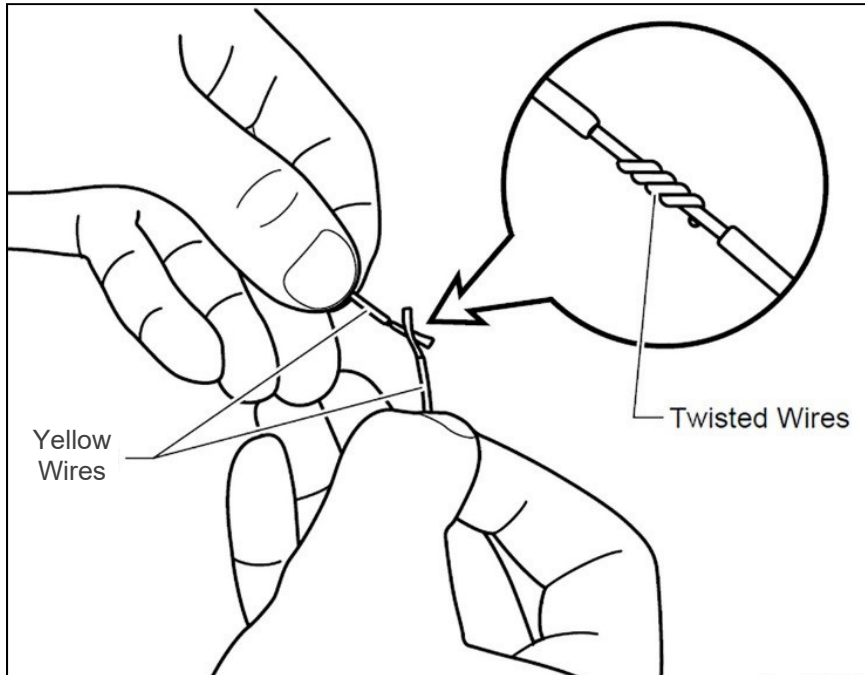


Figure 10

15. Position the solder sleeve connector's solder ring with the center of the twisted wiring.

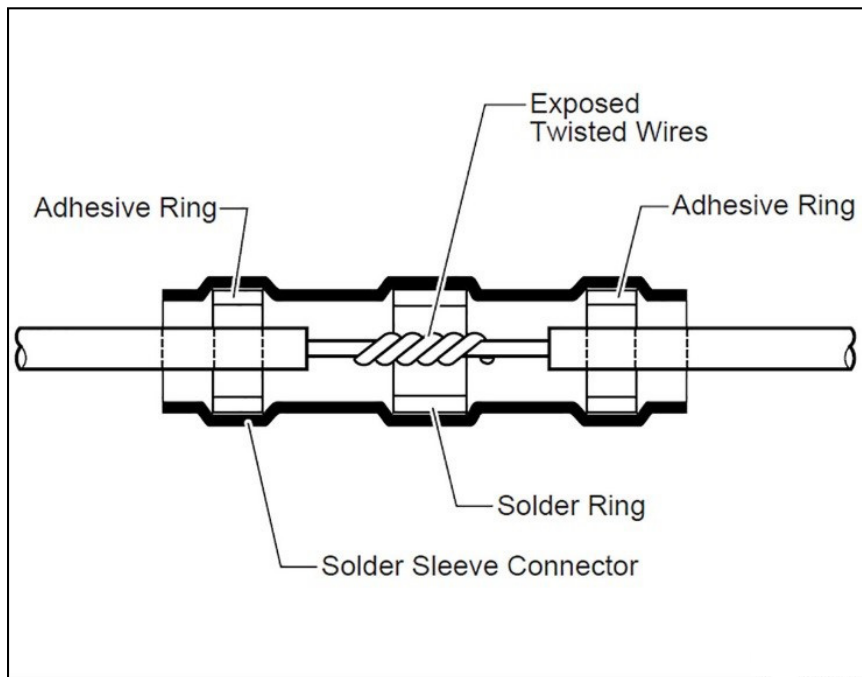


Figure 11



16. Install the solder sleeve connector by shrinking it to the yellow wire with Flameless Heat Gun J-46538 or equivalent tool.

**HINT:** Installing the solder sleeve connector will:

- Melt the solder ring into the exposed twisted wire.
- Melt the sealant (red rings inside the solder sleeve connector) onto the wire.
- Shrink the solder sleeve connector body to the wire.

**NOTICE**

Use Flameless Heat Gun J-46538 or equivalent tool only. Do NOT use an electric type soldering tool in step 16. It may create a current that can cause damage to an ECU(s).

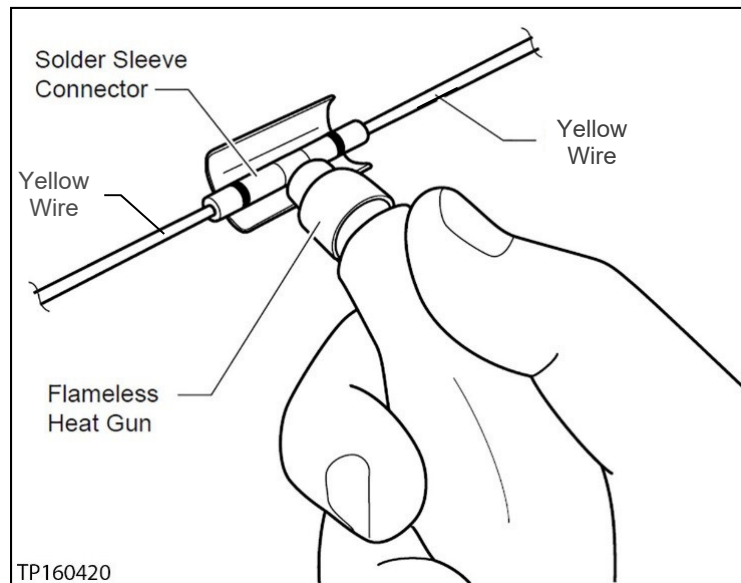


Figure 12

17. Snap in place the blue fuse holder by pressing it into the fuse block.

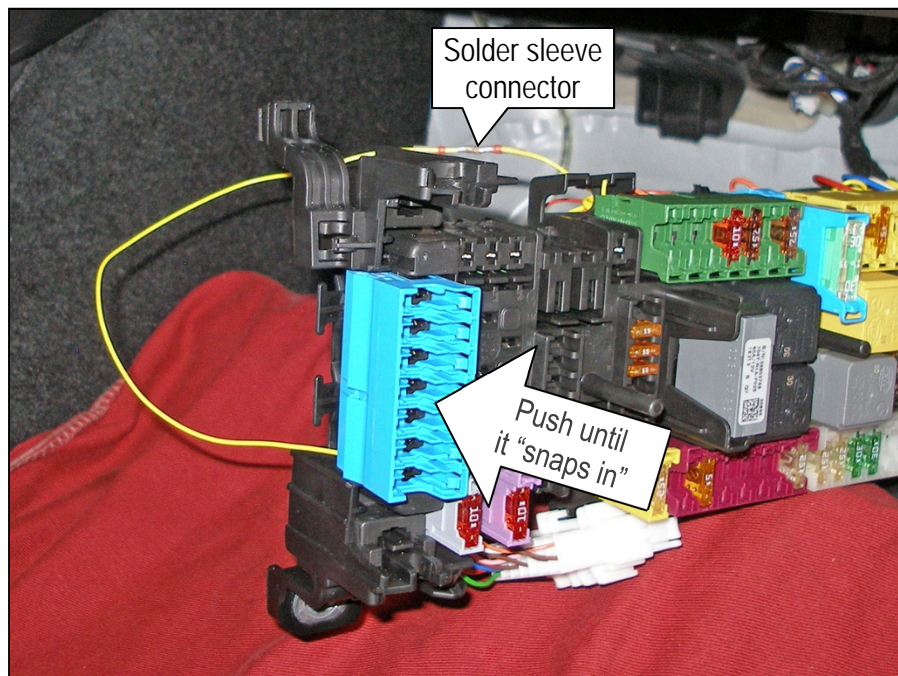


Figure 13

18. Fasten the yellow wire to existing wires on the backside of the fuse block.

- Use the cloth tape that is included in the Rework Harness Kit (see **PARTS INFORMATION** on the last page of this bulletin).

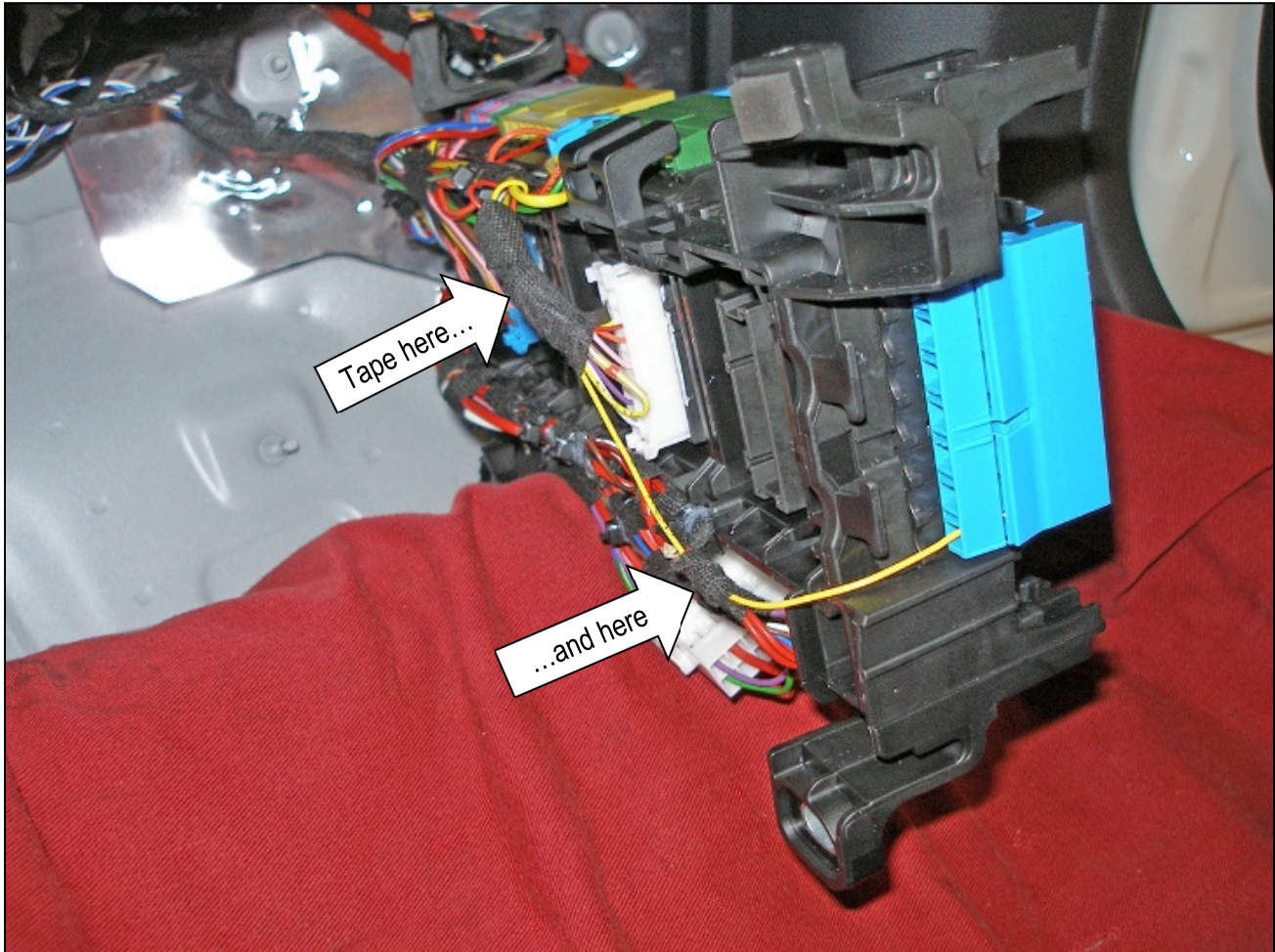


Figure 14

19. Move the 15 amp fuse from position # 42 (old position) to # 55 (new position, in the blue fuse holder).

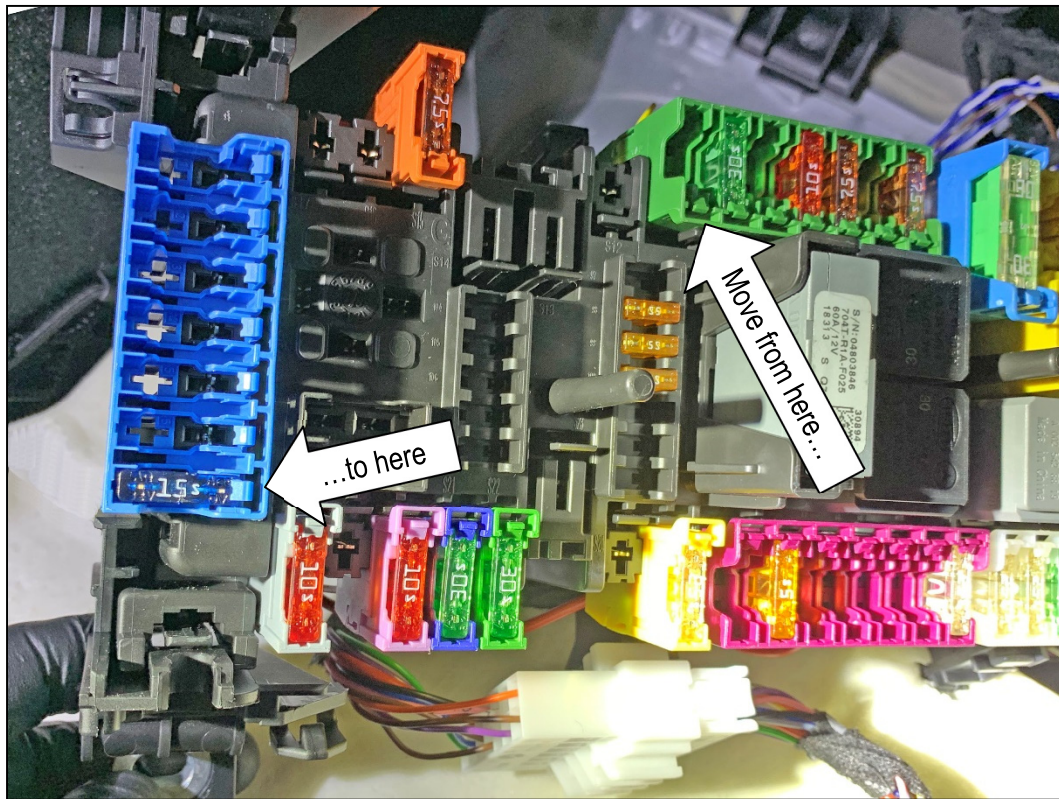


Figure 15

20. Reassemble the vehicle in reverse order of disassembly.
  - Reconnect the backup battery cables, positive cable first.
  - Fuse box nuts torque: 9-11 N•m (0.9-1.1 kg-m, **80-97 in lbs**)
  - Reconnect the under-hood battery cables, positive cable first.
21. Reset the clock, and then turn OFF the ignition.
22. After at least 15 minutes, turn the ignition to ACC or ON and verify the clock is still keeping time.

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
REWORK HARNESS KIT (includes blue fuse block, cloth tape, and Fuse Allocation paper)	24030-HW00D	1
TERM-JOINT (solder sleeve connector)	24361-7990A	1

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Fuse Holder & Rewire	(1)	RX8PAA	ZE	32	0.7

(1) Reference the Parts Information table above and use the Harness Kit as the Primary Failed Part (PFP).

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
November 13, 2019	ITB19-039	Original bulletin published