

# FT2 HANDWARMER KIT



**P/N 2883851**

## APPLICATION

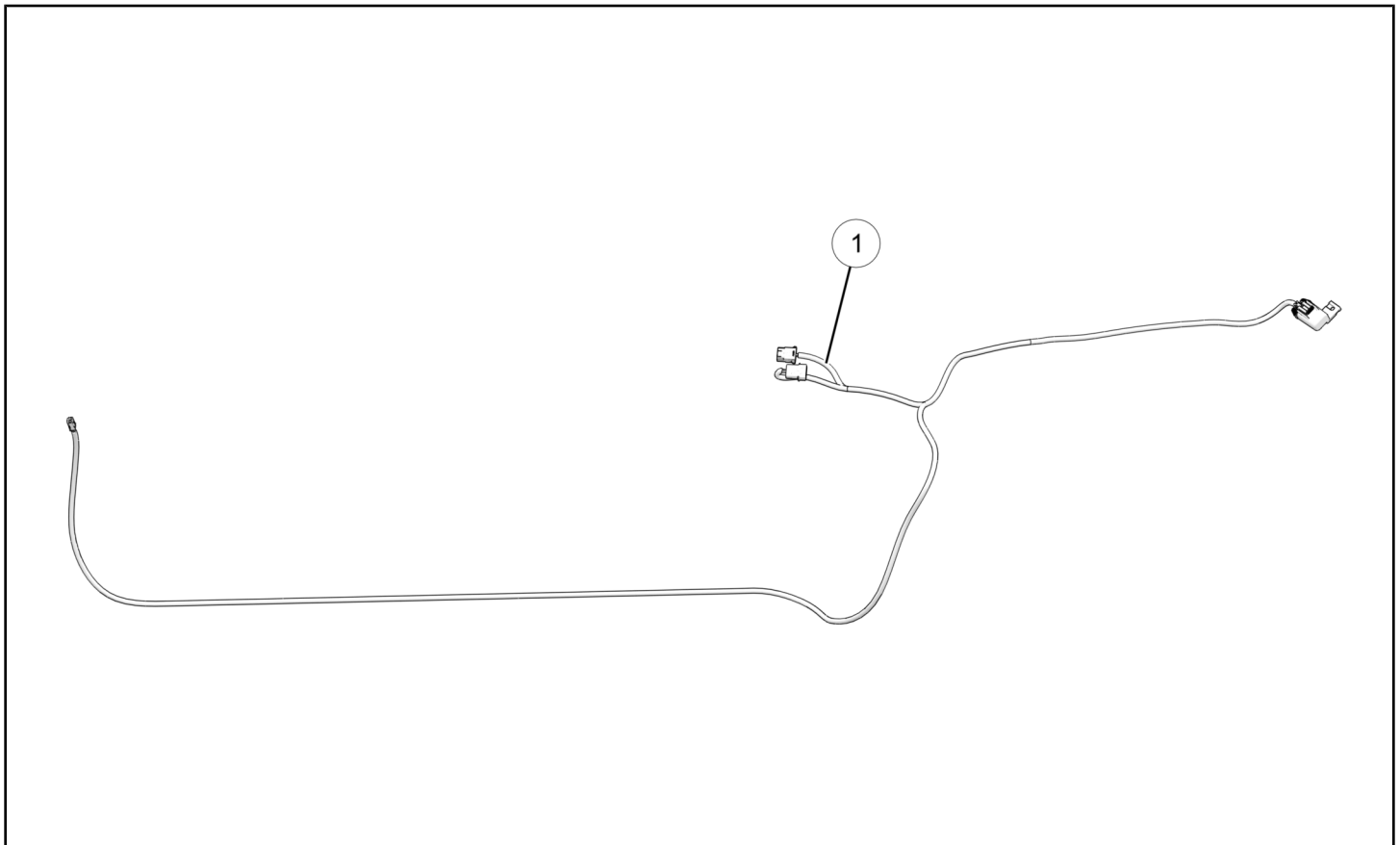
Verify accessory fitment at [Polaris.com](http://Polaris.com).

## BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

## KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Electrical Harness	2414692
	1	Instructions	9929097

## TOOLS REQUIRED

- Safety Glasses
- Pliers, Slip Joint
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric

## IMPORTANT

Your FT2 Handwarmer Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

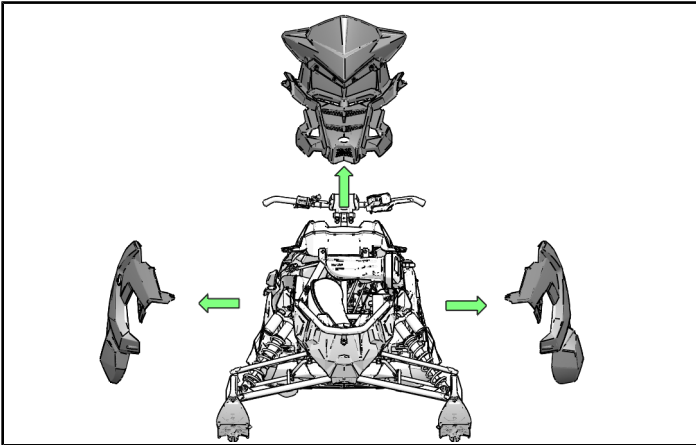
## ASSEMBLY TIME

Approximately 60 minutes

## INSTALLATION INSTRUCTIONS

### 1. Gain access.

- Remove hood and side panels.

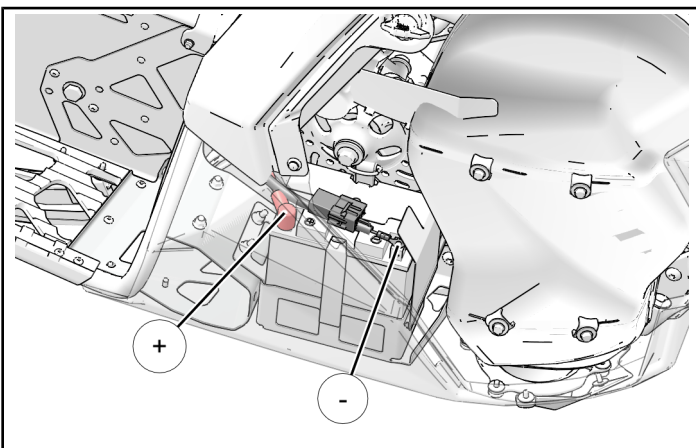


### 2. Disconnect battery (if equipped).

#### ⚠ WARNING

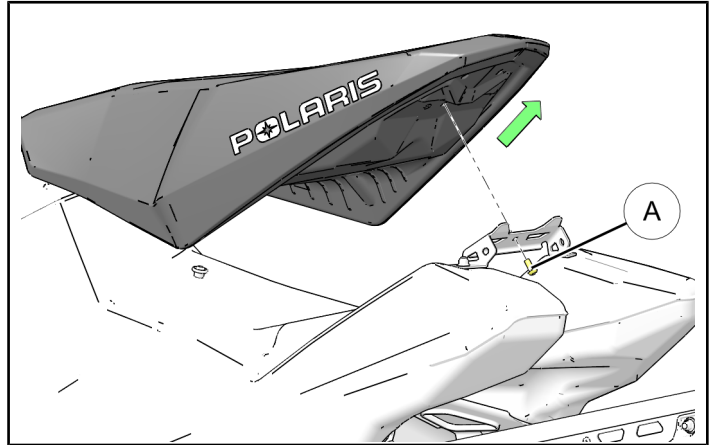
**ALWAYS** disconnect black negative (-) cable from battery **FIRST**. Failure to do so will result in a high current electrical arc, and may result in battery explosion, if tool touches grounded frame. Death or serious personal injury may occur.

- Disconnect black negative (-) cable from battery **FIRST**, then disconnect red positive (+) cable from battery.



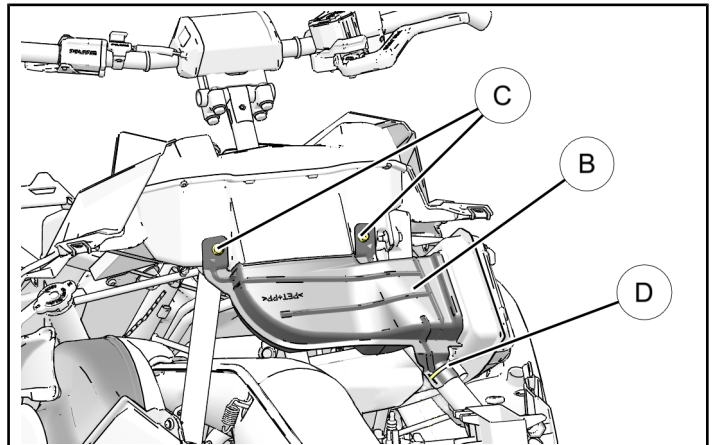
### 3. Remove seat.

- Remove the fastener (A) that secures the seat to the chassis and remove seat as shown.



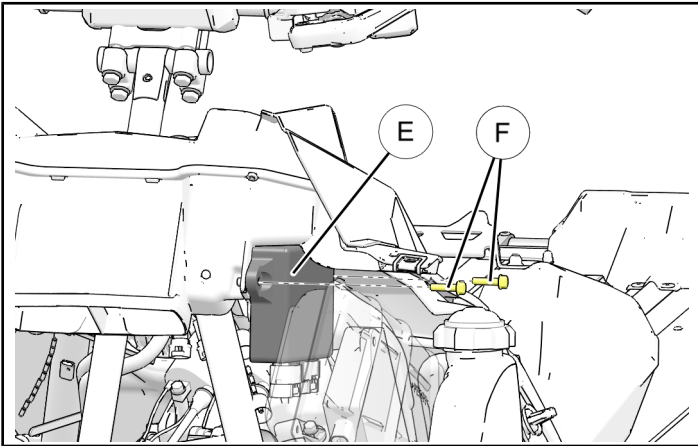
### 4. Remove intermediate intake tube.

- Remove the two dart clips (C) and cable tie (D) that fasten the intermediate intake tube (B) to the upper intake plenum. Then remove intermediate intake tube.



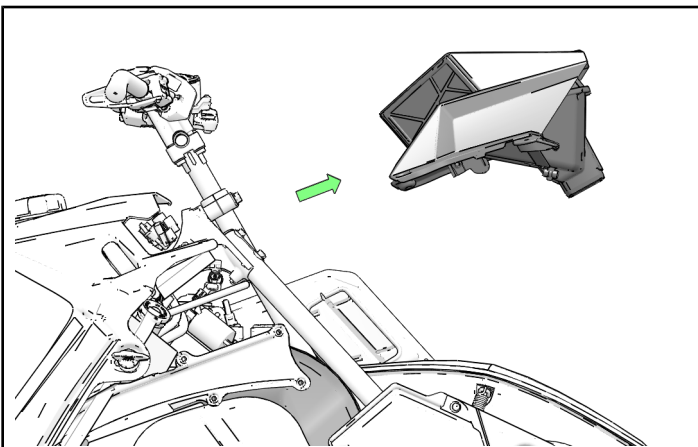
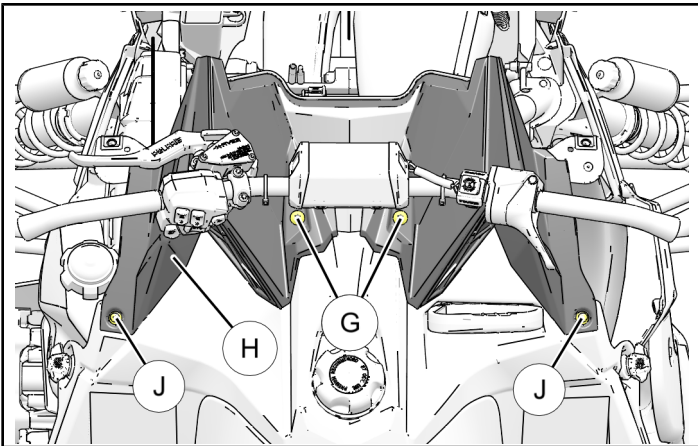
## 5. Remove ECU.

- a. Remove the two fasteners that attach the ECU to the upper intake plenum and remove ECU as shown.



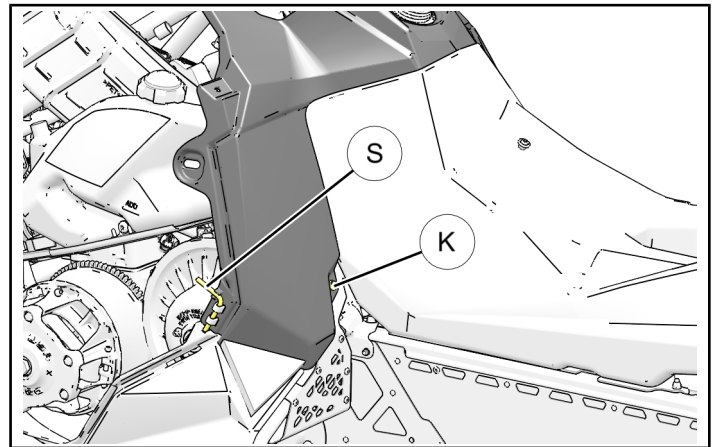
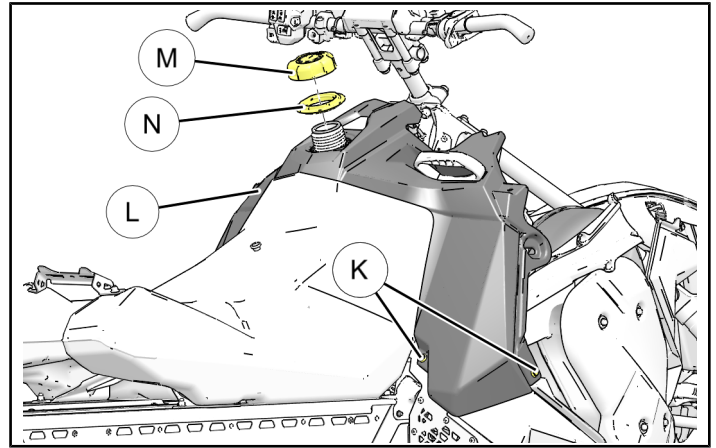
## 6. Remove upper intake plenum.

- a. Remove the two screws (G) that attach the upper intake plenum (H) to the over-structure along with the two dart clips (J) as shown. Once complete, remove upper intake plenum (H).



## 7. Remove console.

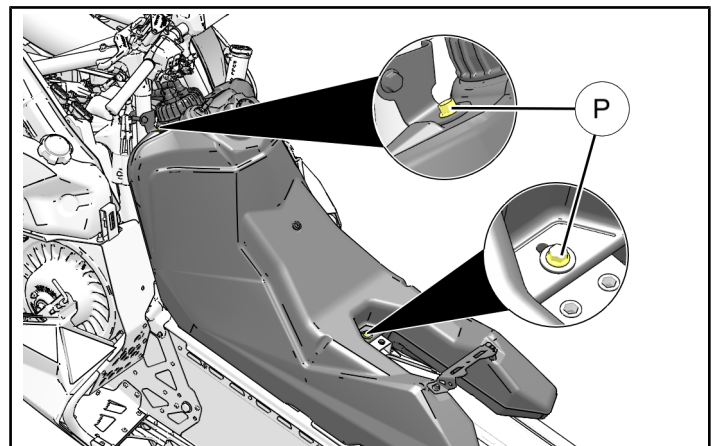
- a. Remove dart clips (K) on right side along with clutch tool (S) and dart clip (K) from left side.
- b. Remove fuel cap (M) and plastic fuel filler neck nut (N).



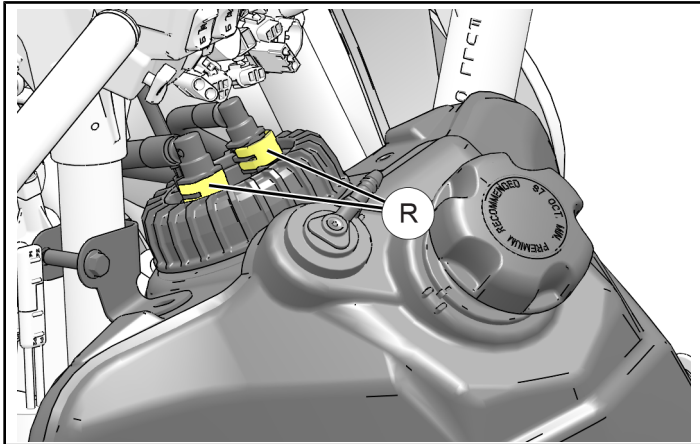
- c. Remove console (L) and set to the side with the starter rope still attached to the console.
- d. Replace fuel cap onto fuel tank.

## 8. Remove fuel tank.

- a. Remove the two fuel tank retaining fasteners (P) as shown.

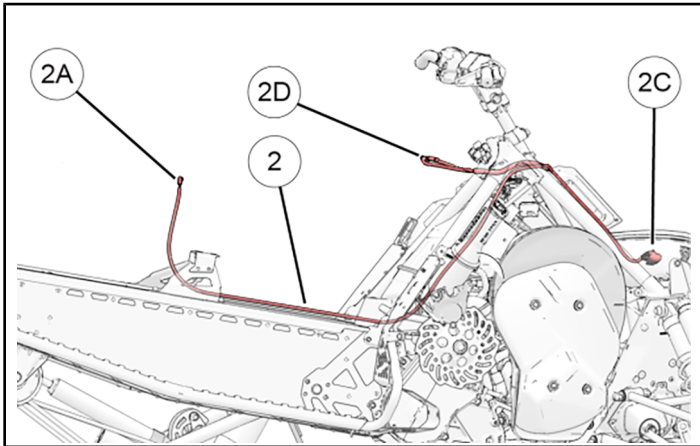


- b. Disengage the two fuel line clips **®** from the fuel line fittings and remove the fuel lines from the fuel tank. Next, unplug the fuel pump electrical connection **Ⓥ** and remove fuel tank.

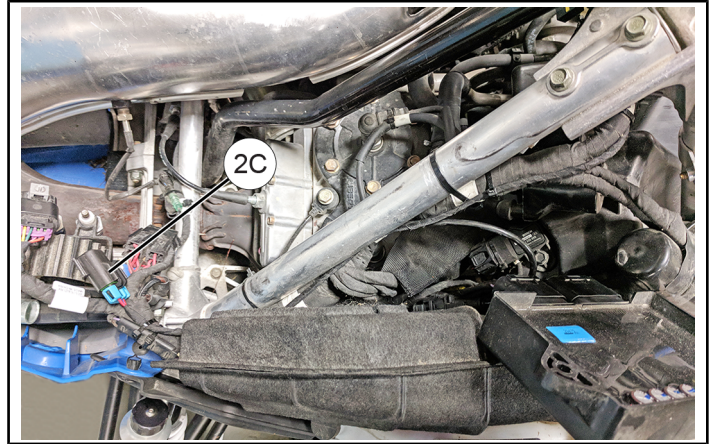


**9. Install heated grip electrical harness.**

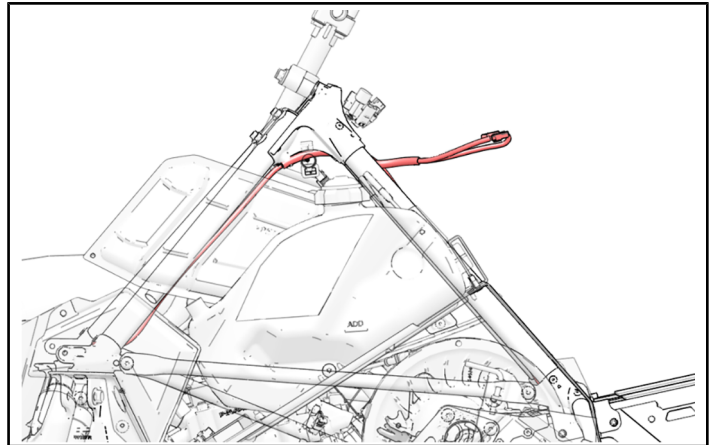
- a. Route heated grip harness **②** as shown being sure to keep harness away from any moving parts and high temperature surfaces. Secure with cable ties.



Start by placing fuse holder in the approximate position shown below. Secure into position with a cable tie.



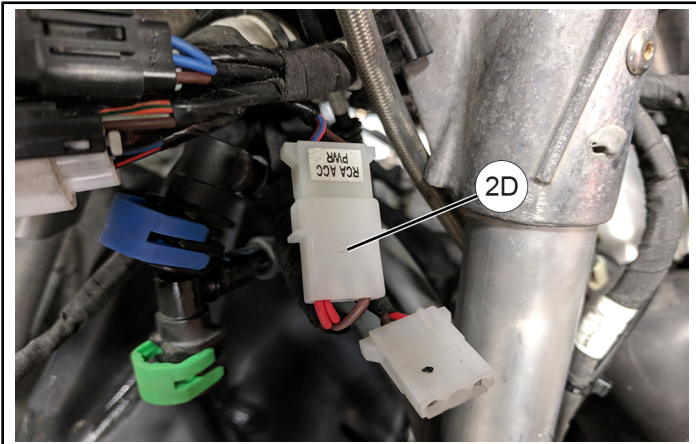
Continue upward along the front left hand over-structure tube routing the harness underneath the steering support structure so the white 12V power connector is in the approximate location shown. Secure to support tube with cable ties.



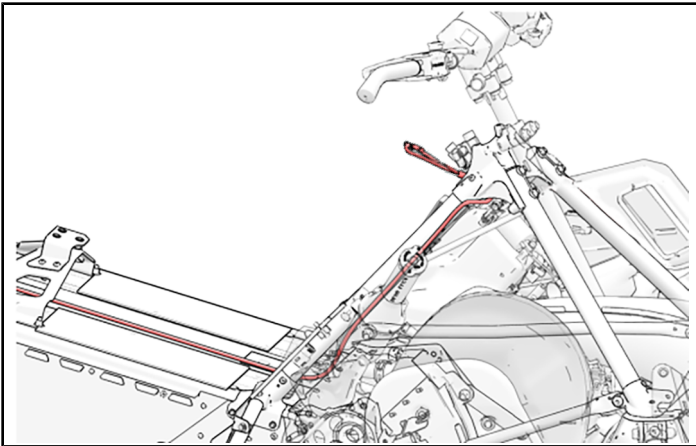
Remove the protective harness connections cover **Ⓤ**.



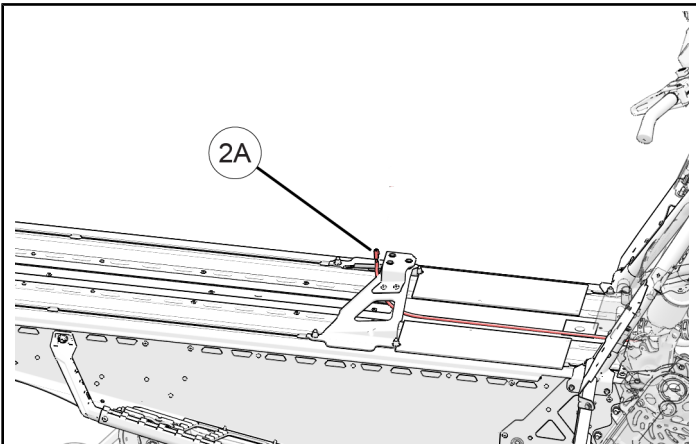
Connect the white 12V power connector to the matching RCA accessory power connector on the main harness as shown and replace protective cover.



Route remaining harness over to and down the rear right hand over-structure tube along side the tail light harness wire. Continue along the top surface of the tunnel along side the tail light harness as shown below. Secure into position with cable ties.

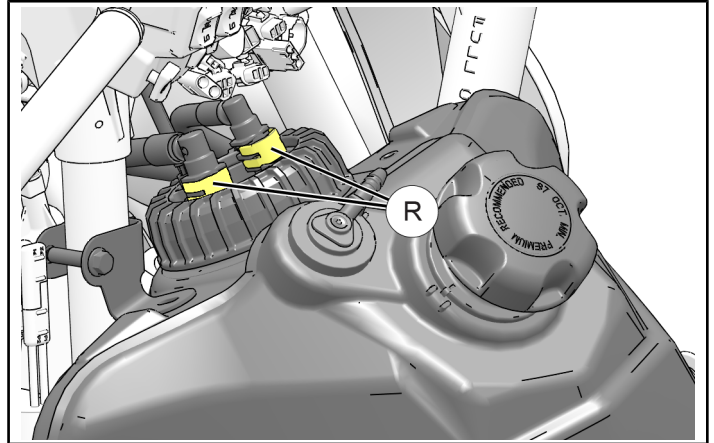


The heated grip connection should end up in the approximate position shown below.



## 10. Reinstall fuel tank.

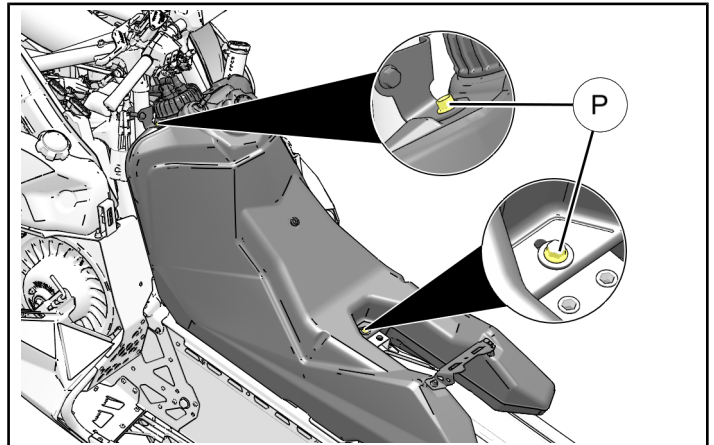
- a. Place fuel tank back into original position and reconnect both fuel lines by pushing in the fuel line retainer clips **(R)** being sure they are seated properly.



- b. Reconnect fuel pump electrical connection.
- c. Reinstall and torque fuel tank fasteners **(P)** to specification provided.

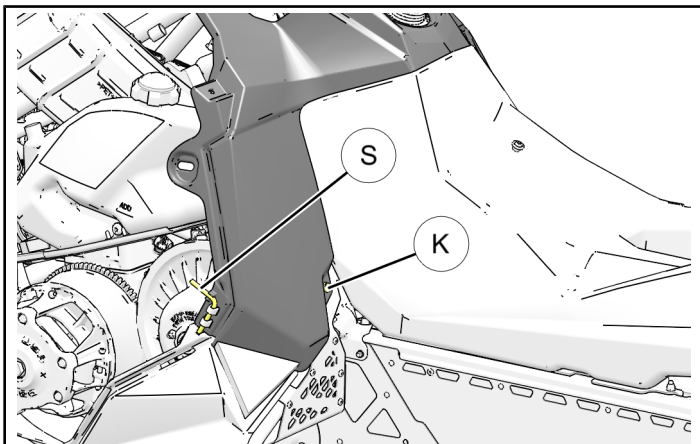
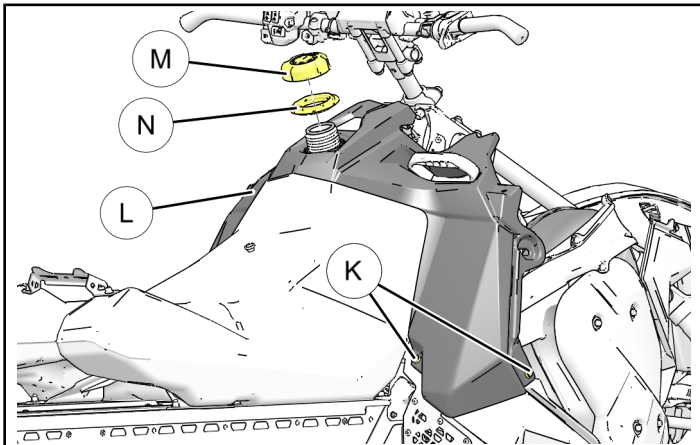
### TORQUE

14 Nm (10 ft. lbs.)



## 11. Reinstall console.

- a. Place console into original position and reinstall previously removed dart clips (K), plastic fuel filler neck nut (N), clutch tool (S) and fuel cap (M).



## 12. Reinstall upper intake plenum.

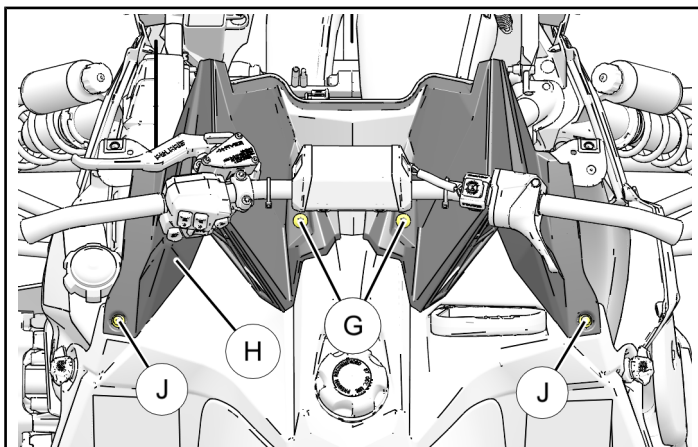
### NOTE

Make sure the plastic console tabs are installed into the slots in the bottom of the intake plenum.

- a. Install dart clips (J) and fasteners (G) that secure the intake plenum to the over-structure and torque fasteners (G) to specification provided.

### TORQUE

10 Nm (7 ft. lbs.)

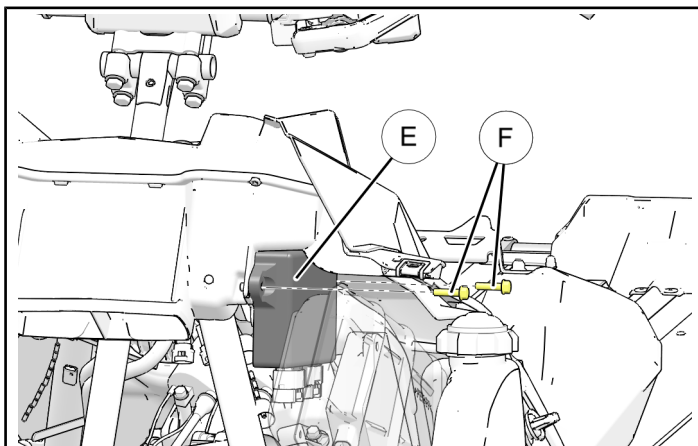


## 13. Reinstall ECU.

- a. Place ECU (E) onto upper intake plenum and secure into position with previously removed fasteners (F). Torque fasteners to provided specification

### TORQUE

7 Nm (5 ft. lbs.)

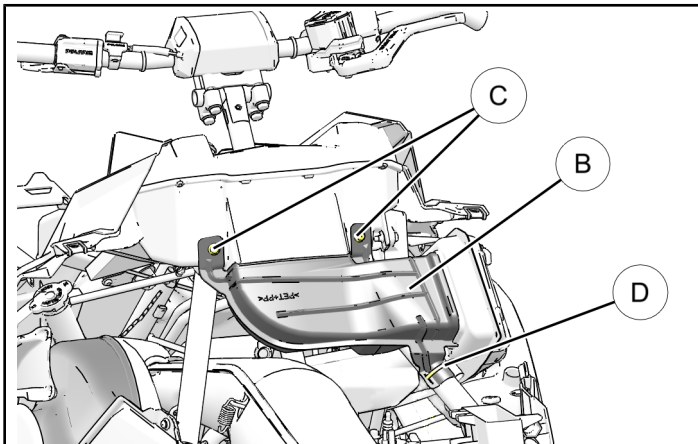


#### 14. Reinstall intermediate intake tube.

- a. Place intake tube **B** into position and secure with previously removed dart clip fasteners **C**. Replace cable tie **D** to secure lower portion of intake tube.

#### NOTE

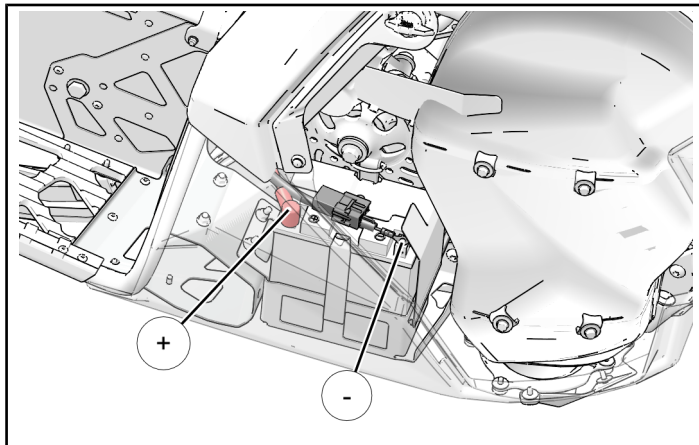
Make sure it is completely installed all the way around the mating joint.



#### 15. Reconnect battery (if applicable).

#### ⚠ WARNING

When BOTH battery cables are disconnected **ALWAYS** reconnect AND tighten red positive (+) cable to positive battery terminal **FIRST**. Failure to do so will result in a high current electrical arc, and may result in battery explosion, if tool touches grounded frame. Death or serious personal injury may occur.



#### 16. Reinstall side panels and hood.

17. Check to ensure all tools are accounted for and all steps have been completed.

## FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

#### FEEDBACK FORM

