

RCA PLUG KIT



P/N 2883824

APPLICATION

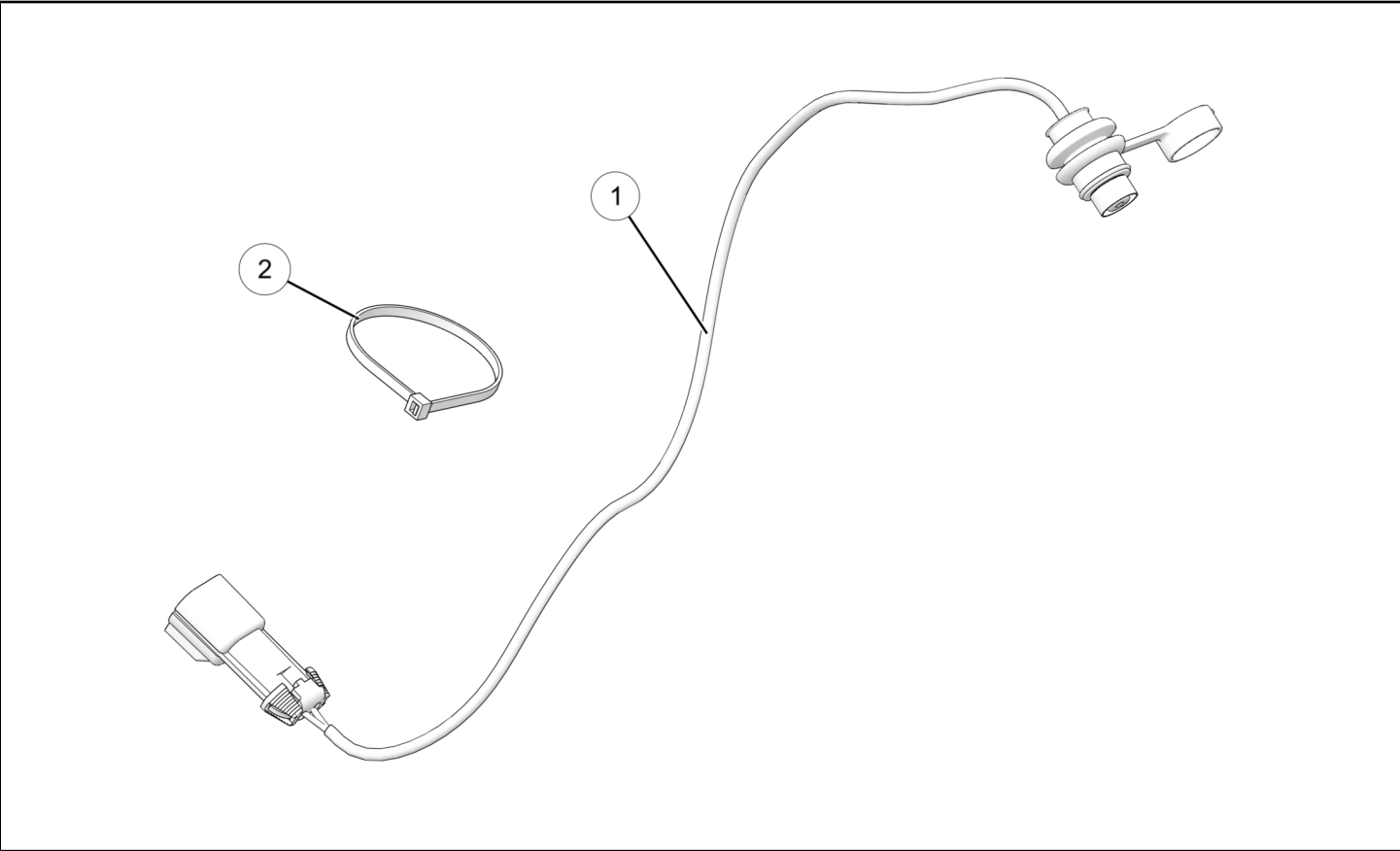
Verify accessory fitment at Polaris.com.

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	RCA	2414662
2	1	Cable Tie	7080138
	1	Instructions	9929005

TOOLS REQUIRED

- Safety Glasses
- Drill
- Hole Saw: 3/4 inch (19 mm)
- Pliers, Push Pin Rivet
- Pliers, Side Cutting
- Socket Set, Torx® Bit

IMPORTANT

Your RCA Plug 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 30 minutes

NOTE

Additional time may be required for optional steps, or to accommodate other installed accessories.

INSTALLATION INSTRUCTIONS

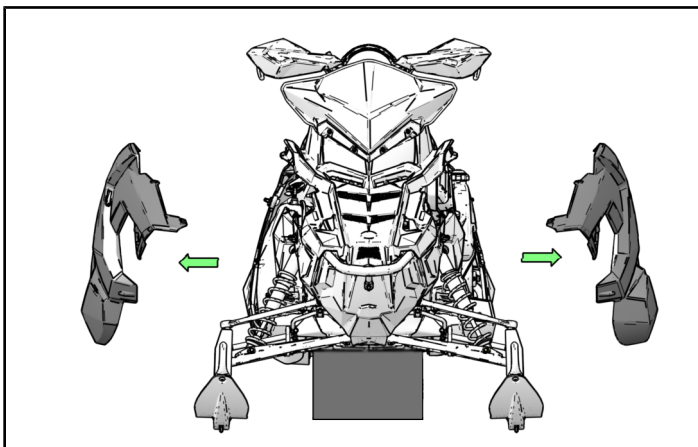
CAUTION

BEFORE STARTING INSTALLATION, always ensure vehicle is properly secured on a flat stable surface to avoid accidental tipping, unwanted movement and to prevent personal injury and/or damage to equipment. Turn key to "OFF" position and remove from vehicle.

NOTE

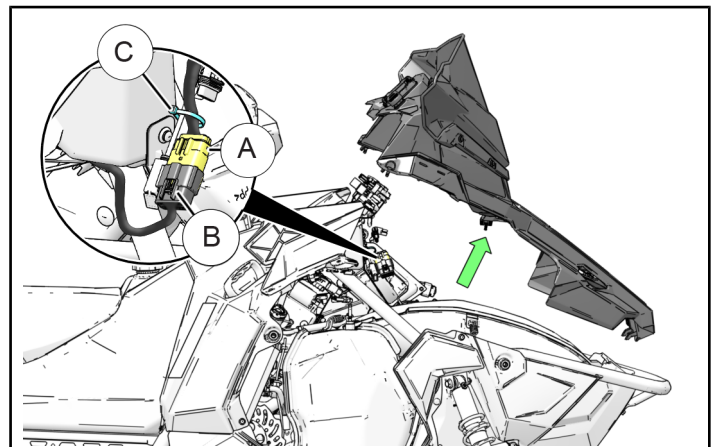
Images are for REFERENCE ONLY and may vary slightly from your model vehicle. Procedures are the same for all models unless otherwise noted.

1. REMOVE SIDE PANELS.



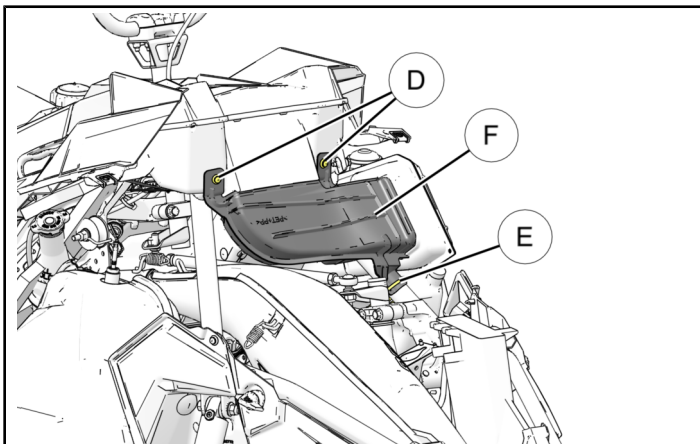
2. REMOVE HOOD.

- Slightly lift the rear of the hood assembly to gain access to the main hood harness connector (A) and disconnect from main chassis harness connector (B). If applicable, cut the cable tie (C) securing the hood harness to the chassis and remove hood.

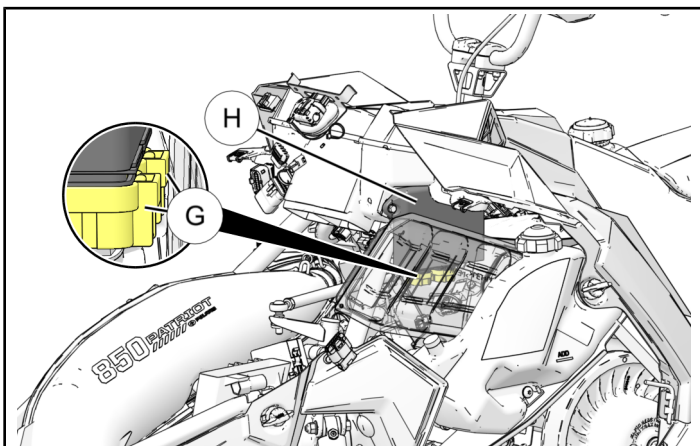


3. REMOVE UPPER INTAKE PLENUM.

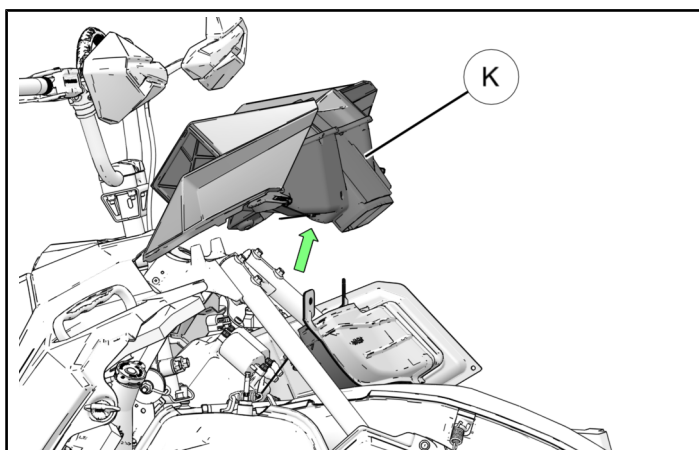
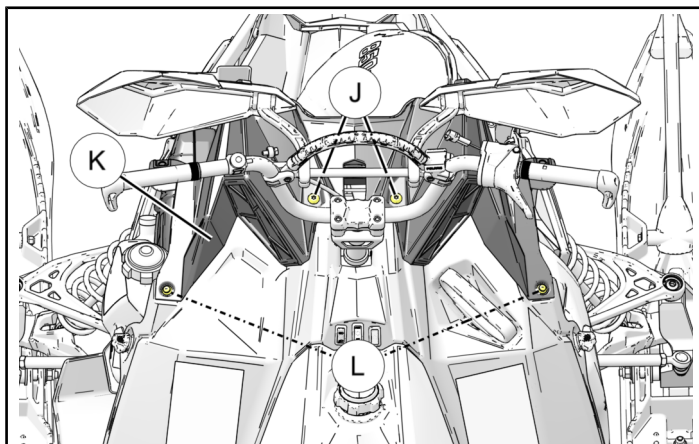
- a. To do so, first remove the two dart clips ① and cable tie ② that fasten the intermediate intake tube ③ to the upper intake plenum..



- b. Next, unplug the two electrical connectors ④ from the ECU ⑤.

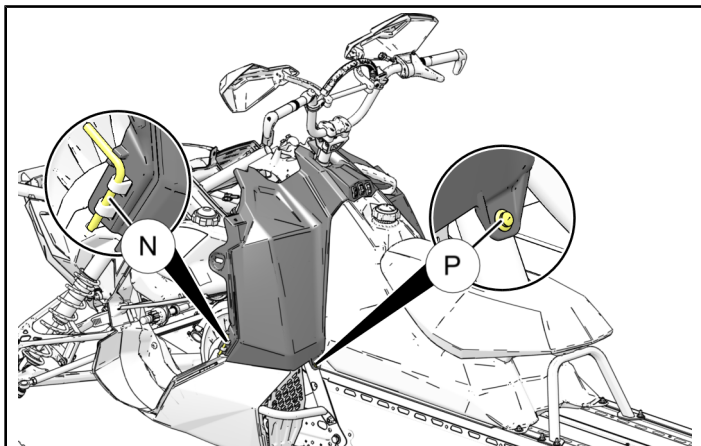
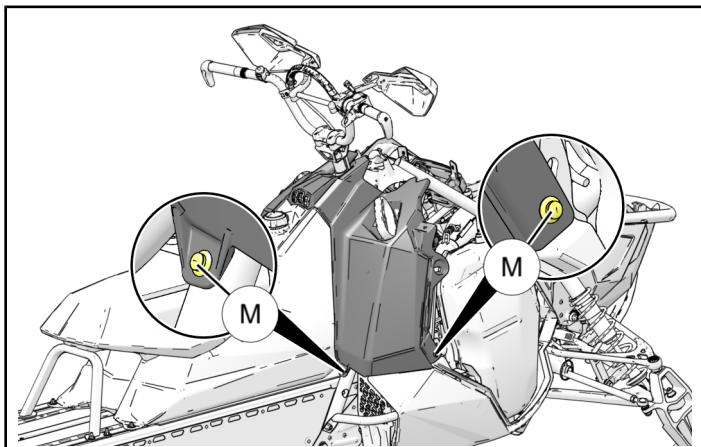


- c. Remove the two screws ⑥ that attach the upper intake plenum ⑦ to the over-structure along with the two dart clips ⑧ as shown. Once complete, remove upper intake plenum ⑦.



4. REMOVE CONSOLE.

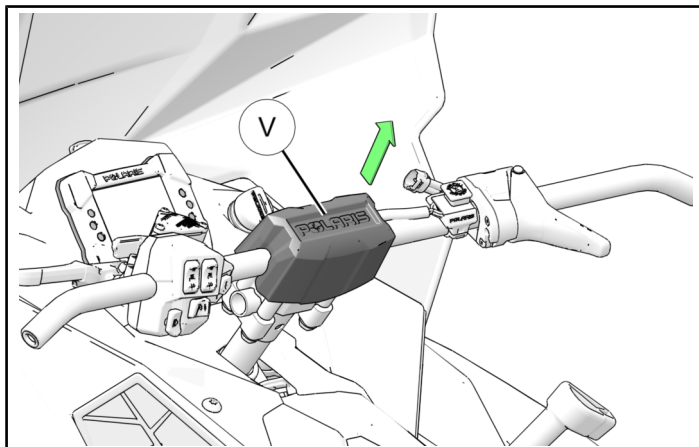
- a. Remove two dart clips **M** on right side along with clutch tool **N** and dart clip **P** from left side and slide the console rearward leaving the starter rope attached.



The console should now be in a position to allow you to drill the power plug mounting hole in the following steps.

5. REMOVE HANDLEBAR COVER. (TRAIL PERFORMANCE/TITAN MODELS ONLY)

- a. If installing RCA power plug onto handlebar cover **V** you will need to remove the cover by firmly pulling upward on the lower edges of the cover.



6. DRILL MOUNTING HOLE.

NOTE

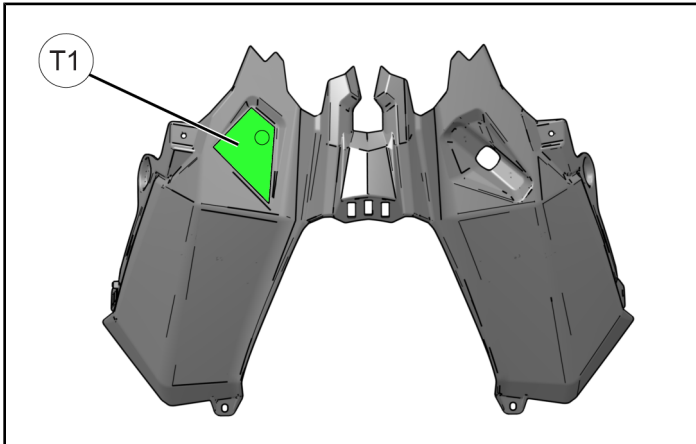
This step requires the use of the vehicle specific templates. Ensure you have the correct template for your specific vehicle as indicated on the template.

Templates are located on the last page of the instruction manual. Verify the REFERENCE DIMENSION is exactly 4 inches (10.16 cm).

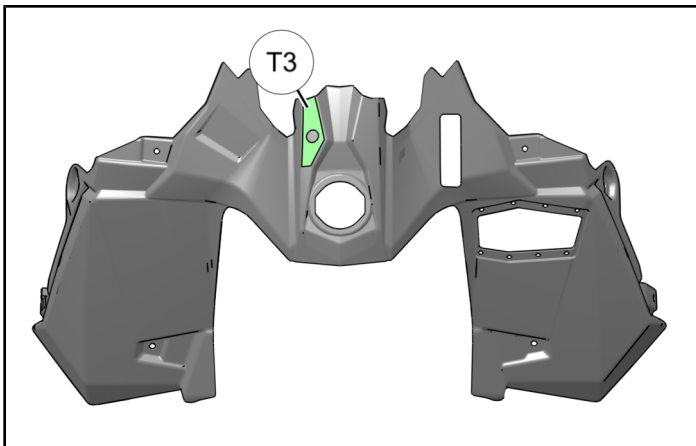
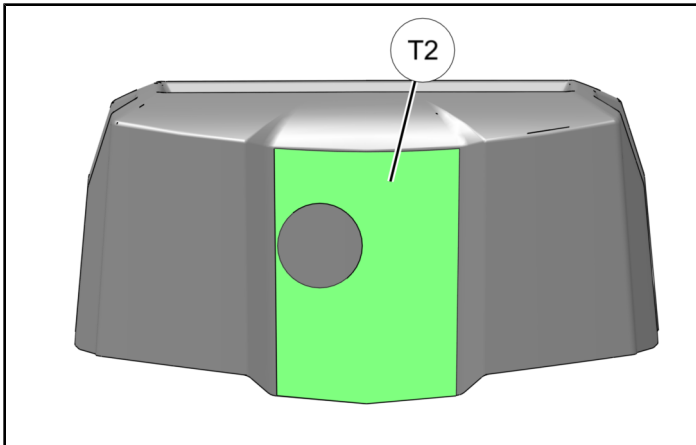
IMPORTANT

If your measurement is not exactly 4 inches (10.16 cm), then reprint template pages from electronic file using print setting **“Actual Size”** (not “Fit”) to obtain proper 1:1 scale. Electronic file available from your **Authorized Polaris Dealer**.

- a. Cut out the template specific to your vehicle and place into position as shown.
- i. **RMK models** use template (T1) as shown.



- ii. **TRAIL PERFORMANCE/TITAN models** can use template (T2) for mounting the RCA plug onto the handlebar cover or use template (T3) for mounting on the console as shown.



- b. Drill the 3/4 inch (19 mm) hole.

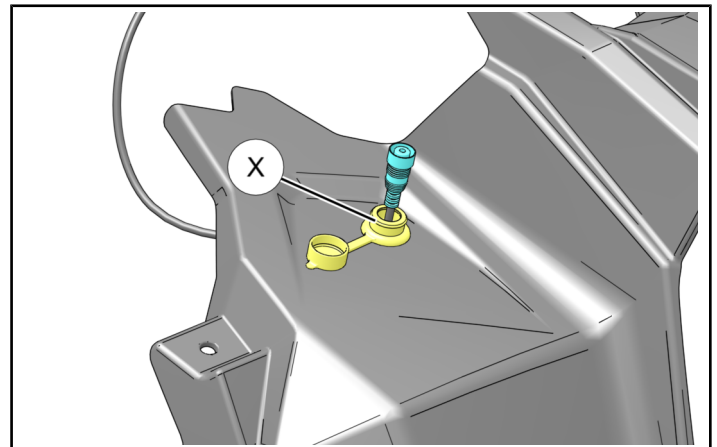
CAUTION

Be sure to reposition and shield ALL electrical wires, connectors and underlying components that are on the backside of the area to be drilled/cut **BEFORE** proceeding to the next step. Failure to comply may result in damage to the electrical system and/or underlying components.

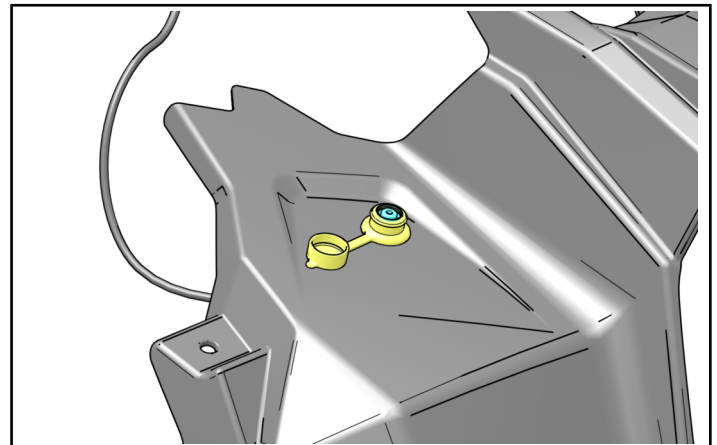
7. INSTALL RCA POWER PLUG ASSEMBLY. (RMK MODEL SHOWN FOR REFERENCE)

- a. Install RCA plug assembly into position by sliding the rubber grommet (X) on the RCA plug back away from the end as shown and inserting the plug assembly through the mounting hole of the console/handlebar cover.

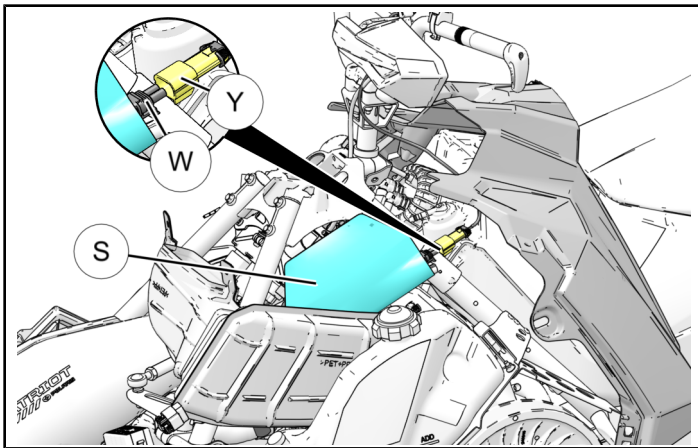
Push/pull the rubber grommet into position being sure it is fully seated in the mounting hole.



Push/pull the remaining portion of the plug into the grommet until it is flush with the end as shown.

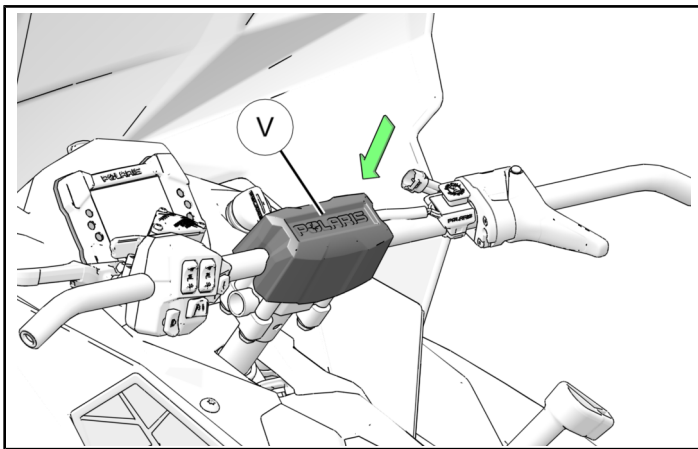


- b. Route wire to mating connector **W** in the fabric bag covering the electrical connections as indicated and connect the RCA power wire connector **Y** to the mating electrical harness connector **W**.
- i. If using the **HANDLEBAR MOUNTING LOCATION** you will need to route the power plug wire through the handlebar from back to front and snap the handlebar cover in place. Route the remaining portion of wire down the handlebar electrical harness to the mating connector in the fabric bag covering the electrical connections. Secure the power wire to the handlebar electrical harness using cable ties.



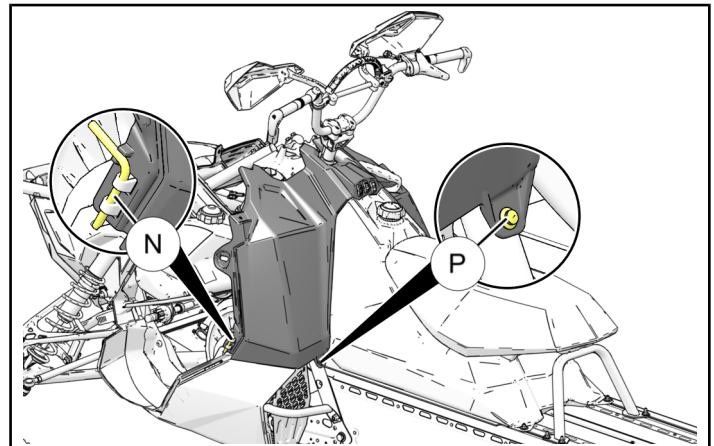
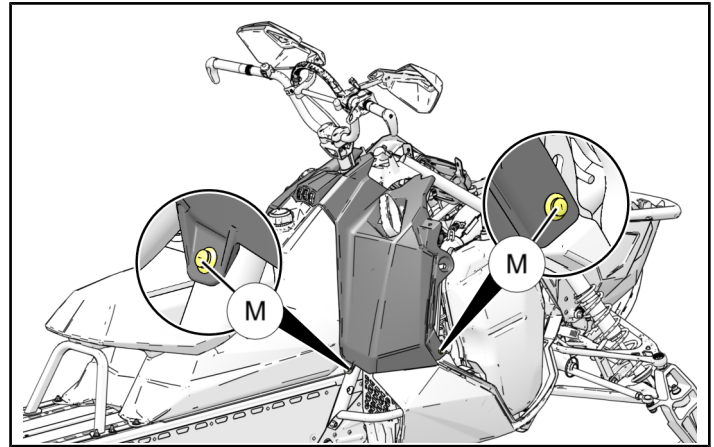
8. REINSTALL HANDLE BAR COVER. (IF APPLICABLE)

- a. Ensure power routed is routed as defined in step 7b above and firmly press down on the top of the handlebar cover until it is fully seated. Use caution to avoid pinching power wire when reinstalling.



9. REINSTALL CONSOLE.

- a. Place console into original position and install previously removed dart clips **M** on right side along with the clutch tool **N** and dart clip **P** on left side.

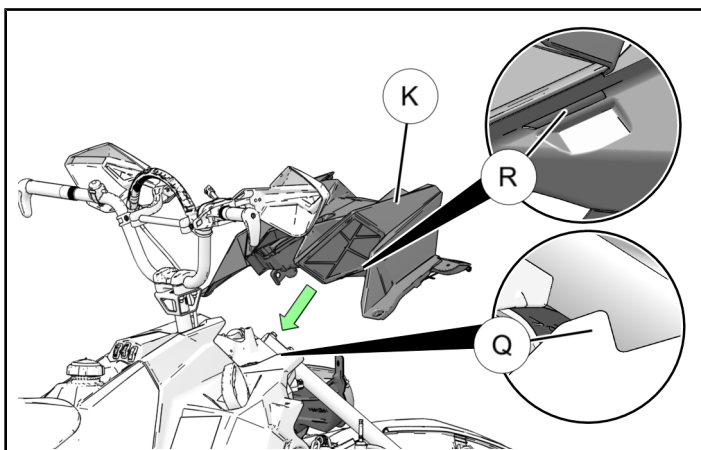


10. REINSTALL UPPER INTAKE PLENUM.

- a. Carefully install upper intake plenum (K) back into original position. Ensure the console tabs (Q) are fully engaged into the slots (R) on the underside of the intake plenum.

NOTE

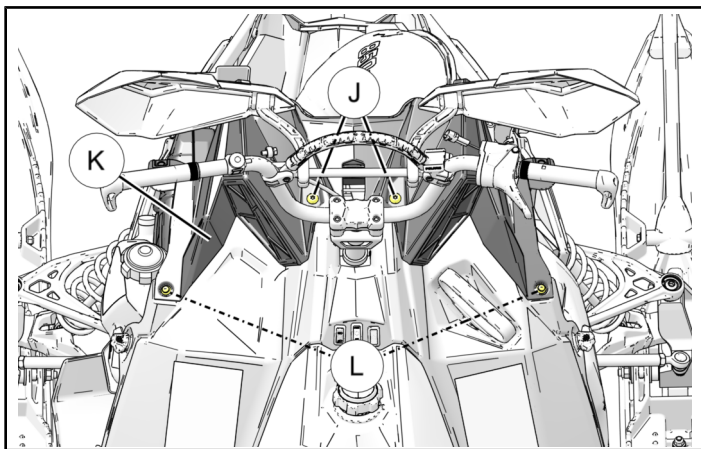
Be careful not to damage the intake screen while installing upper intake plenum.



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

TORQUE

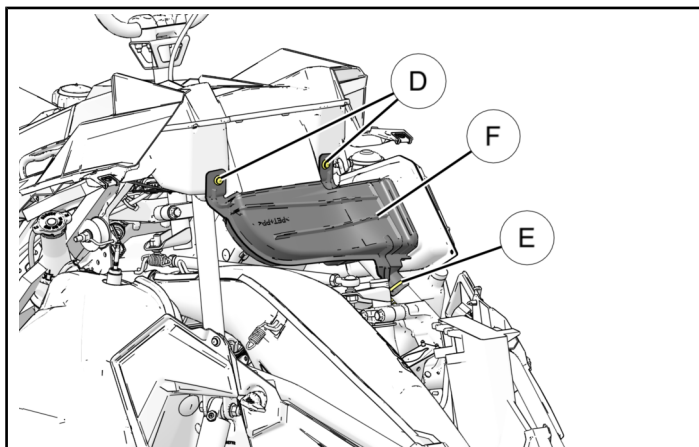
7 ft. lbs. (10 Nm)



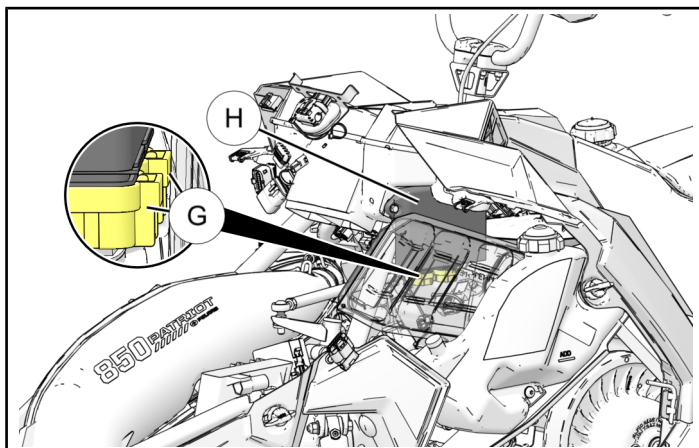
- c. Place intake tube (F) back into position and secure with previously removed dart clip fasteners (D). Replace cable tie (E) to secure lower portion of intake tube.

IMPORTANT

Ensure the mating joint between the upper intake plenum and the intake tube is completely engaged all the way around the mating joint. Failure to do so may result in premature engine failure.

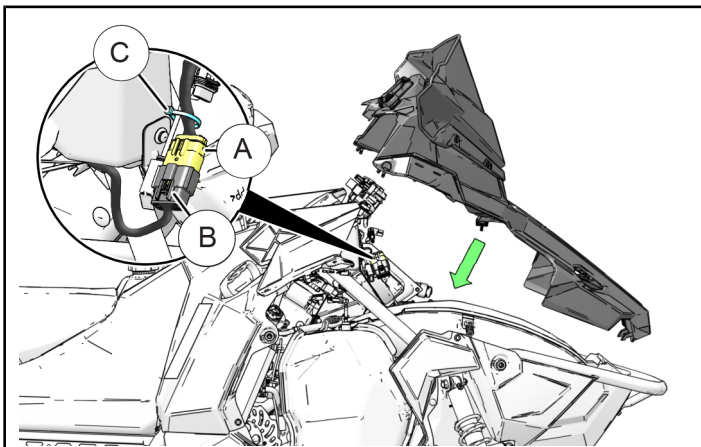


- d. Reconnect ECU.



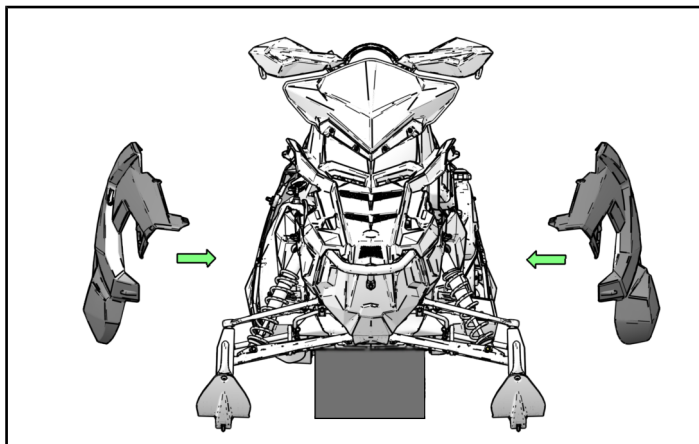
11. REINSTALL HOOD.

- a. Install hood being sure to connect the hood harness **A** and chassis harness **B** connection. Replace cable tie **C** if applicable. Secure hood into position with hood latch fasteners.



12. REINSTALL SIDE PANELS.

- a. After installing hood, install both side panels making sure all hood latches and rubber straps are fully secured.



13. VERIFY WORK.

- a. a. 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



