

RMK® HANDLEBAR KIT



P/N 2883835; 2883836; 2883837

APPLICATION

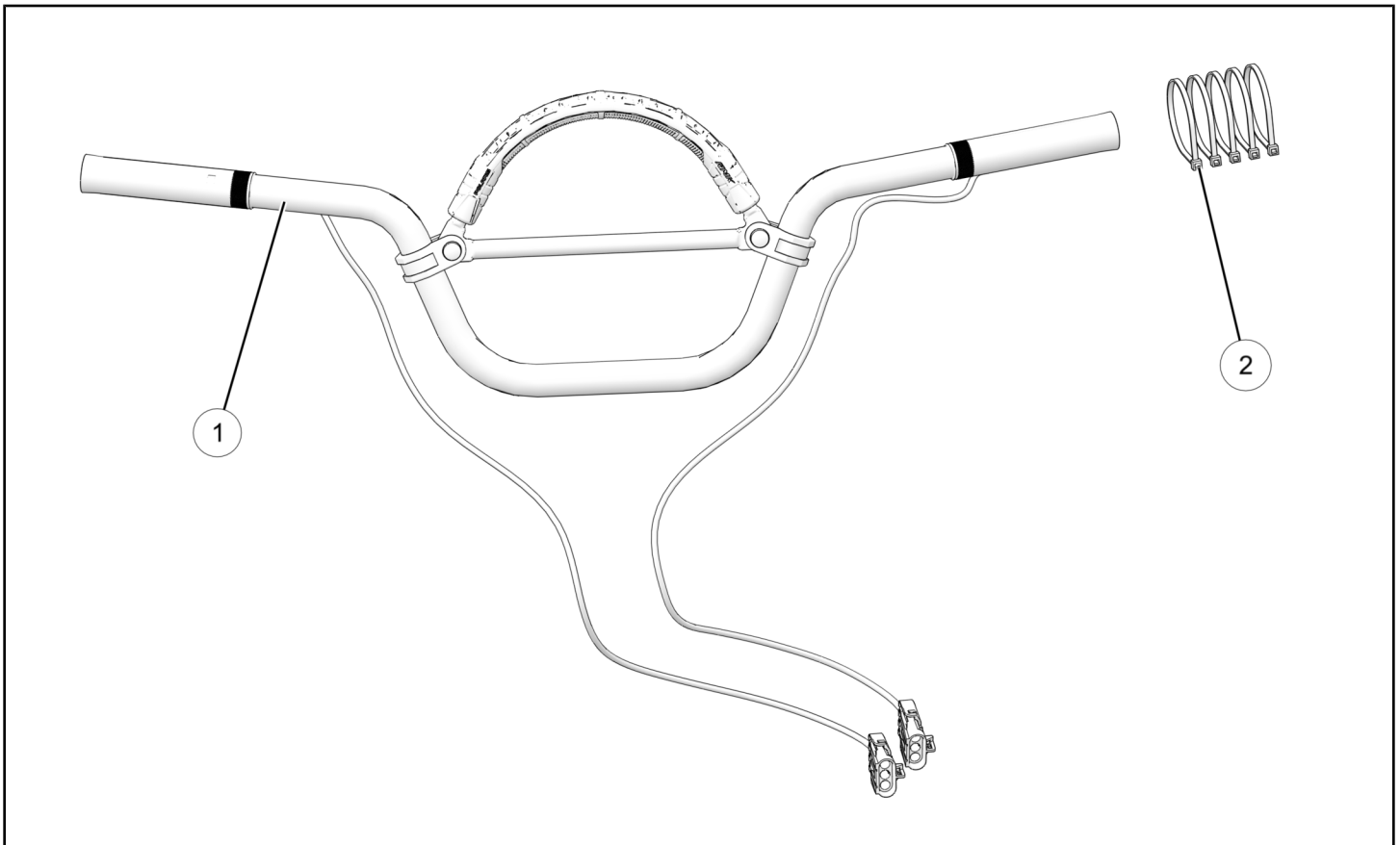
Verify accessory fitment at Polaris.com.

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	KIT PN 2883835	KIT PN 2883836	KIT PN 2883837
1	1	Handlebar - Low Rise Handlebar - Mid Rise Handlebar - High Rise	1824840 - -	- 1824839 -	- - 1824838
2	5	Cable Tie	7080138	7080138	7080138
	1	Instructions	9929059	9929059	9929059

TOOLS REQUIRED

- Safety Glasses
- Pliers, Push Pin Rivet
- Pliers, Side Cutting
- Socket Set, Hex Bit, Metric
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric
- Screwdriver, Phillips

IMPORTANT

Your RMK® HANDLEBAR 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

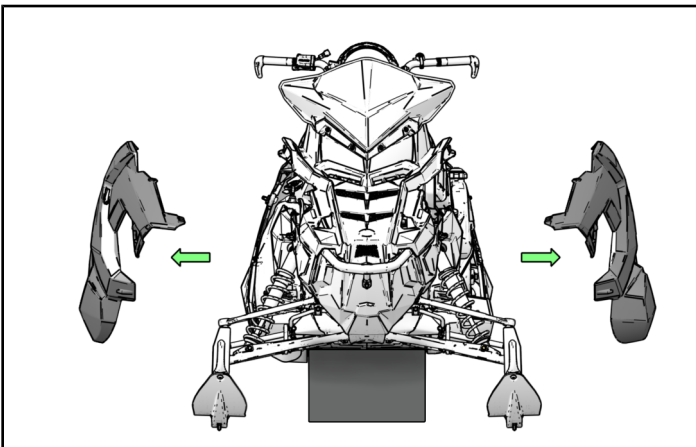
Additional time may be required for optional steps, or to accommodate other installed accessories.

INSTALLATION INSTRUCTIONS

CAUTION

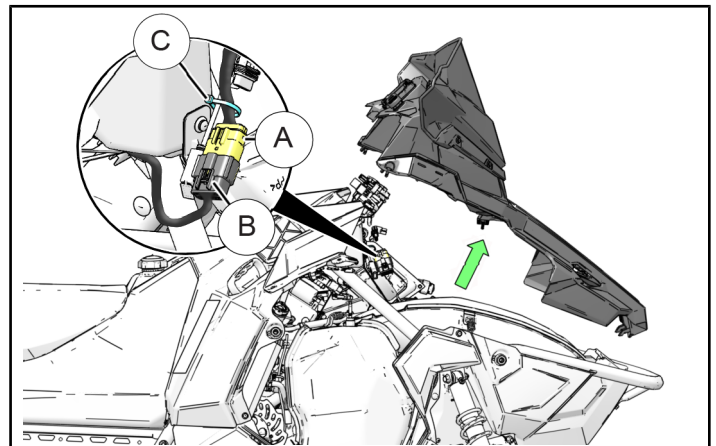
BEFORE STARTING INSTALLATION, always ensure vehicle is properly secured on a flat stable surface to avoid accidental tipping, unwanted movement and to prevent personal injury and/or damage to equipment. Turn key to "OFF" position and remove from vehicle.

1. REMOVE SIDE PANELS.



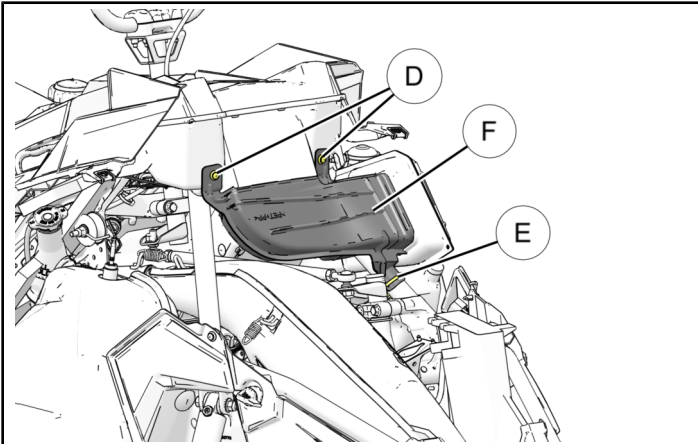
2. REMOVE HOOD.

- 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.

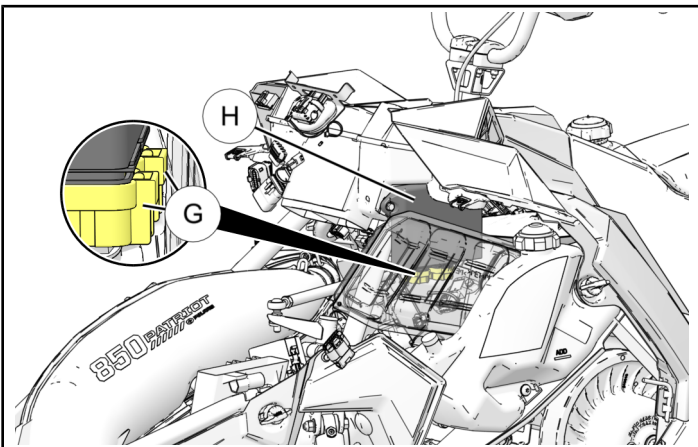


3. REMOVE UPPER INTAKE PLENUM.

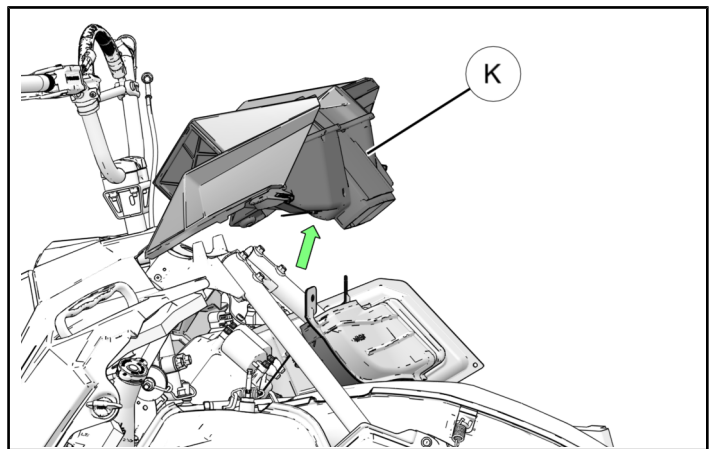
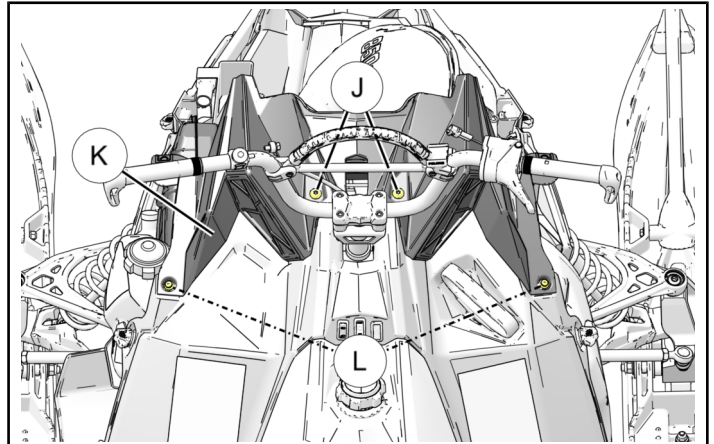
- a. To do so, first remove the two dart clips **D** and cable tie **E** that fasten the intermediate intake tube **F** to the upper intake plenum..



- b. Next, unplug the two electrical connectors **G** from the ECU **H**.

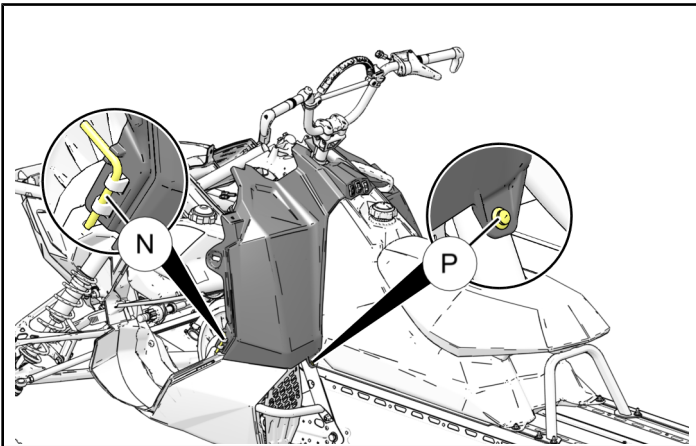
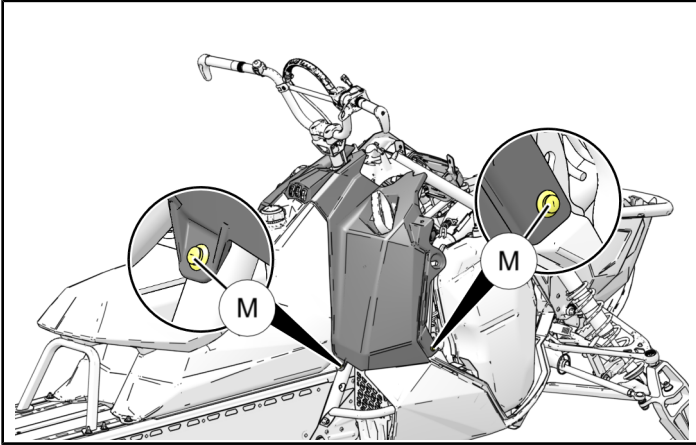


- c. Remove the two screws **J** that attach the upper intake plenum **K** to the over-structure along with the two dart clips **L** as shown. Once complete, remove upper intake plenum **K**.



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.



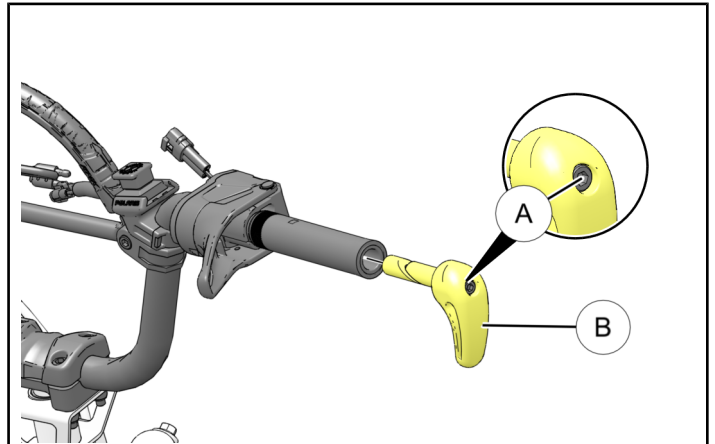
The console should now be in a position to allow you to access the fabric electrical connections bag in the following steps.

5. REMOVE HANDLEBAR CONTROLS.

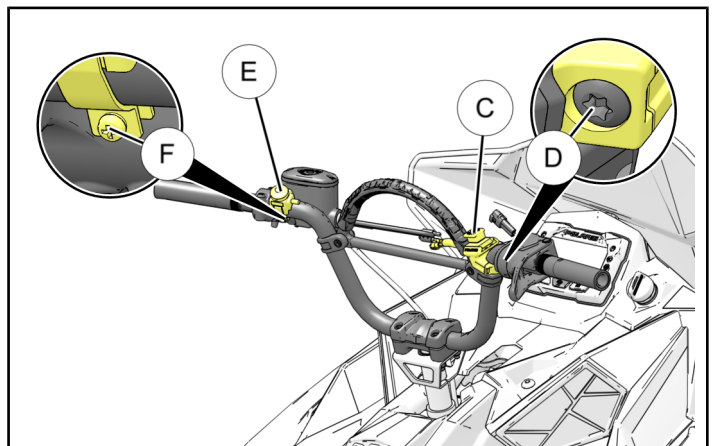
IMPORTANT

Pay close attention to ALL electrical wire, brake line and throttle cable routing BEFORE removing the handlebar controls to ensure proper routing when reinstalling handlebar controls.

- a. Loosen fastener **(A)** securing handlebar hook **(B)** into position just enough to allow the handlebar hook assembly to slide out of the handlebar. DO NOT completely remove fastener from handle bar hook. Once handlebar hook is loose, remove from handlebar. Repeat for opposite side.

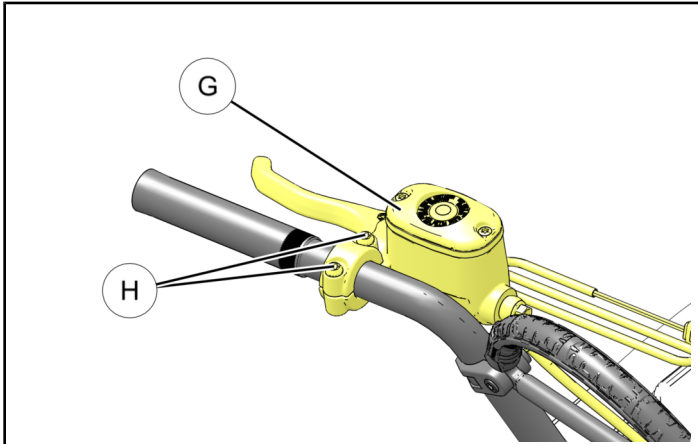


- b. Use a side cutter to remove all cable ties that are securing the electrical wires to the handlebars.
- c. Remove auxiliary shut off switch assembly **(C)** by completely removing fastener **(D)** and then removing auxiliary shut off assembly. Set aside for later reinstallation.



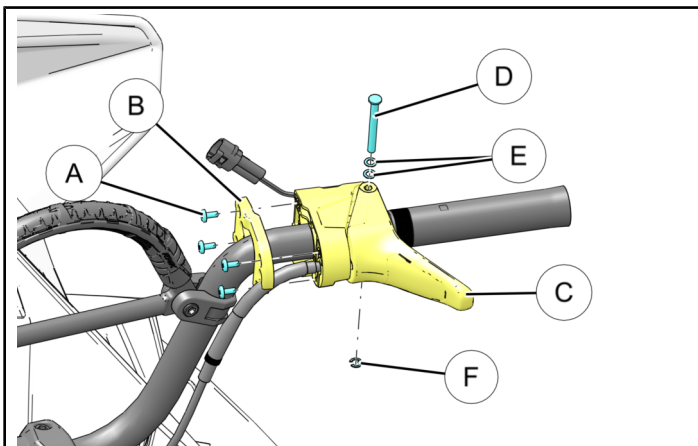
- d. Remove reverse switch **(E)** by removing screw **(F)**. Set aside for later reinstallation.

- e. Remove brake master cylinder assembly ⑥ by removing the two mounting screws ⑧ as shown. Lay aside for later reinstallation.

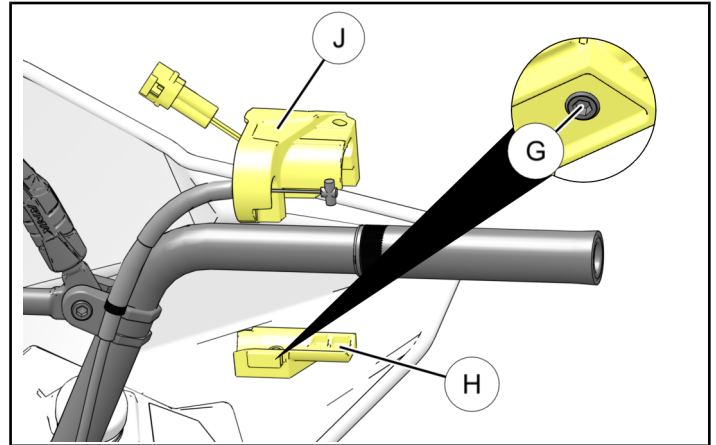


- f. Remove throttle assembly by first removing the four mounting screws ① and throttle cover plate ②.

Next remove throttle retaining ring ③ and removing throttle lever retaining pin ④. Be sure to not to lose the two spacer washers ⑤. Remove throttle cable from throttle lever ③ to complete removal of throttle lever.



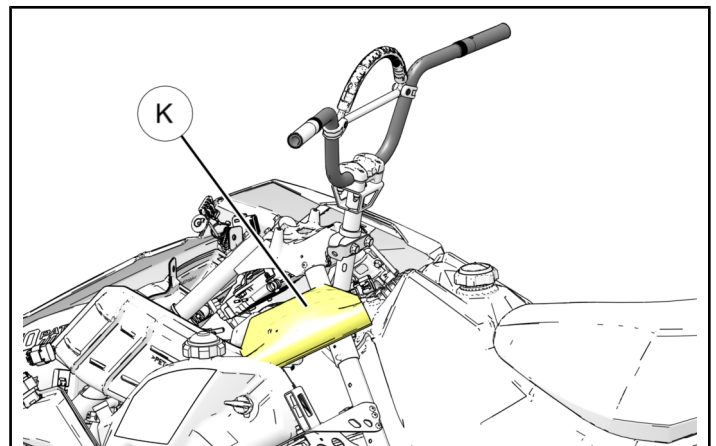
After removing throttle lever, remove the main throttle block assembly by loosening the set screw ⑦ on the lower throttle block assembly ⑧ and sliding the lower throttle block assembly out of the upper assembly ⑨. Lay assembly aside for later reinstallation.



- g. Before removing handlebars you will need to disconnect the connections for the hand warmers that are located inside the fabric electrical connection bag ⑩ in the area indicated.

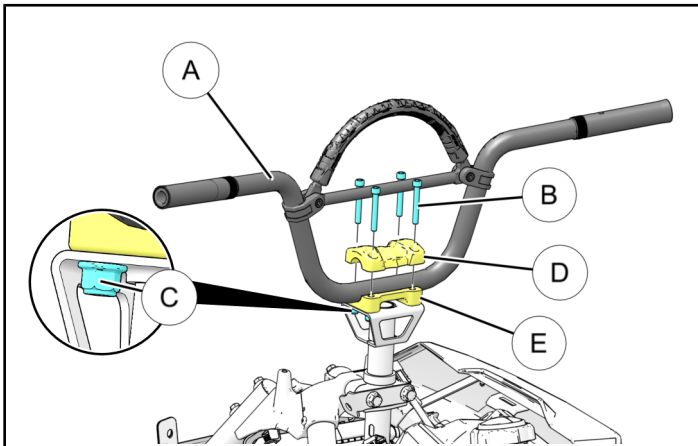
TIP

It is recommended to mark the two hand warmer connections before disconnecting to ensure proper reinstallation.



6. REMOVE ORIGINAL HANDLEBARS.

- a. Remove mounting fasteners (B)/(C) from upper mounting block (D) and set aside for later reinstallation.

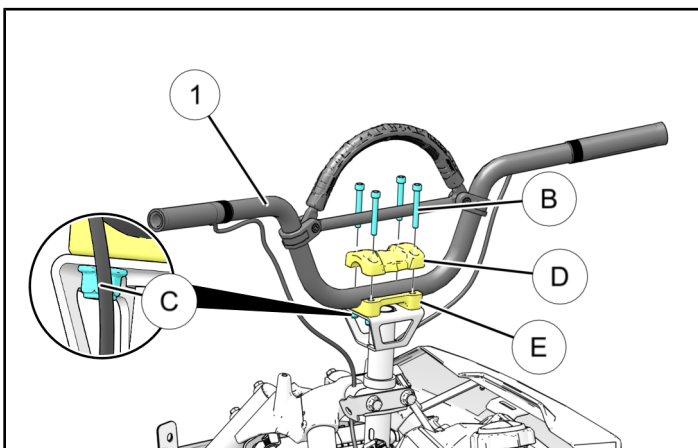


7. INSTALL NEW HANDLEBARS.

- a. Place new handlebars (1) between upper (D) and lower mounting block (E) and reinstall fasteners (B)/(C). Torque to specification provided.

TORQUE

7 ft. lbs. (9.5 Nm)



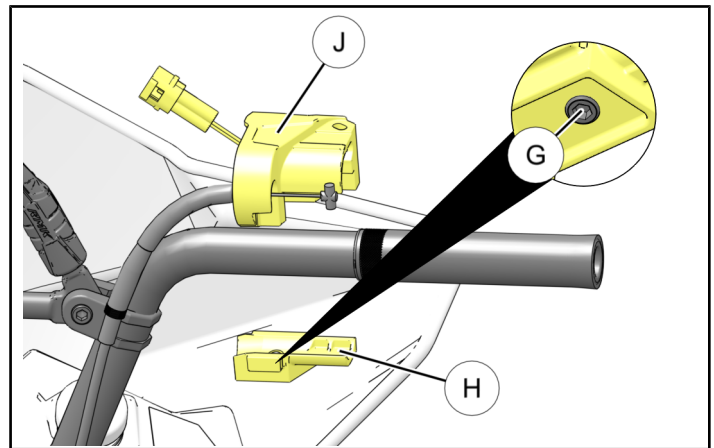
8. REINSTALL HANDLEBAR CONTROLS.

- a. Route hand warmer wires to the fabric connections bag as originally routed and connect hand warmer connections to previously marked connectors.

- b. Reinstall the main throttle block assembly by placing the upper throttle block assembly (J) on top of the handlebar and sliding the lower throttle block assembly into the mating groove of the upper assembly. Tighten the set screw (G) on the lower throttle block assembly to specification provided.

TORQUE

27 in. lbs. (3.05 Nm)

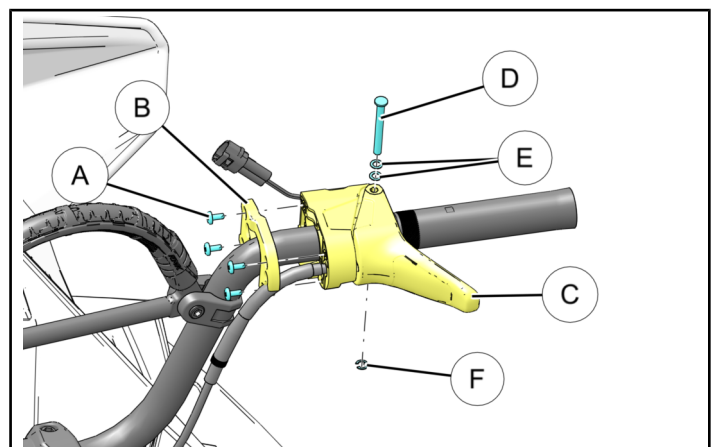


Next, install throttle cover plate (B) with the four mounting screws (A). Torques screws (A) to specification provided.

TORQUE

6 in. lbs. (0.68 Nm)

After installing cover plate, reinstall throttle lever retaining pin (D) along with the two washers (E) as shown. Secure throttle lever retaining pin into position with throttle retaining ring (F).

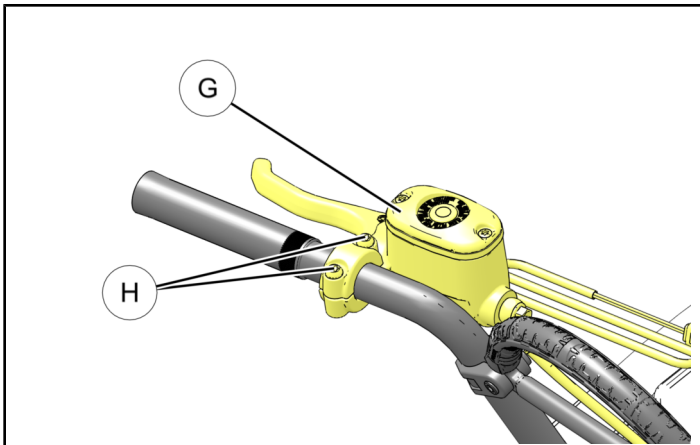


Lastly, reinstall throttle cable into throttle lever (C) to complete installation of throttle assembly.

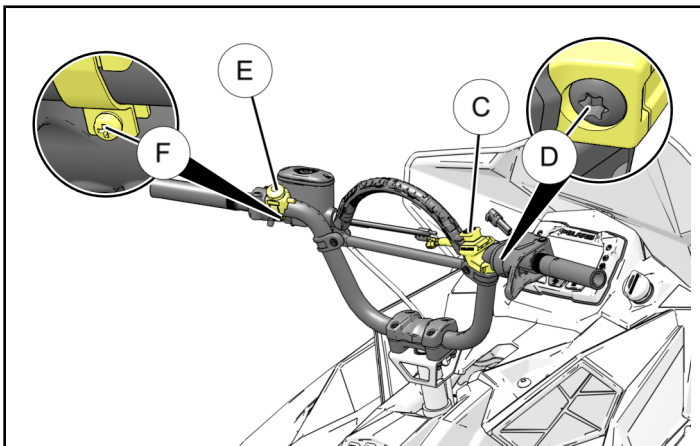
- c. Reinstall brake master cylinder assembly ⑥.
Torque screws ⑧ to specification provided.

TORQUE

60-80 in. lbs. (6.7-9.0 Nm)



- d. Reinstall auxiliary shut off switch assembly as shown ③ by reinstalling fastener ④. Tighten just until there is no gap between switch holder and clamp. Be careful not to overtighten.



- e. Reinstall reverse switch ⑤ with previously removed screw ⑥ as shown. Tighten until snug being sure not to overtighten.

TORQUE

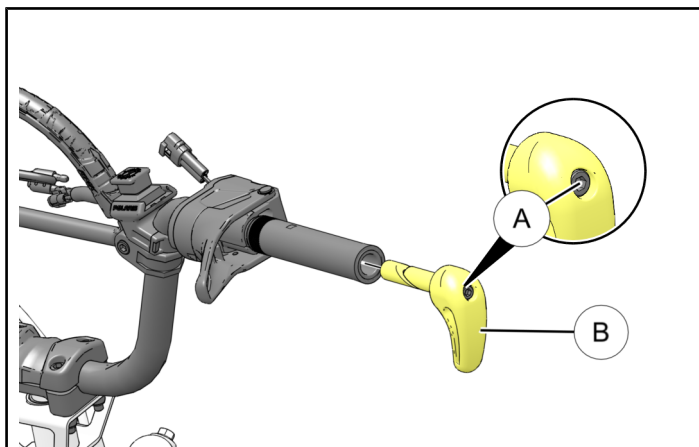
35.4 in. lbs. (4.0 Nm)

- f. Once all wires are properly routed, secure into position with supplied cable ties ②.

- g. Reinstall handlebar hooks ⑦ and secure into position by tightening fastener ⑧. Torque to specification provided.

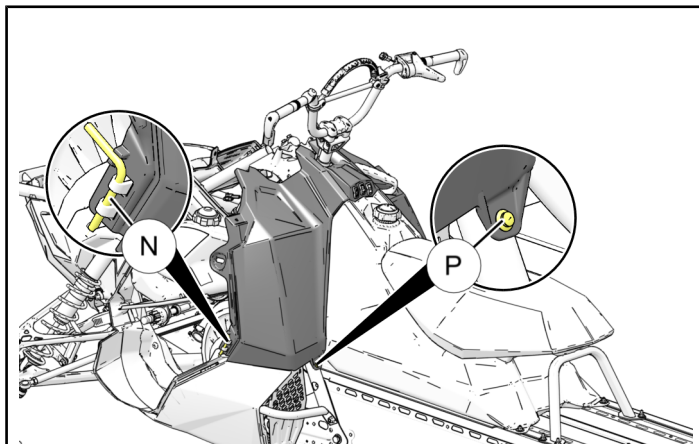
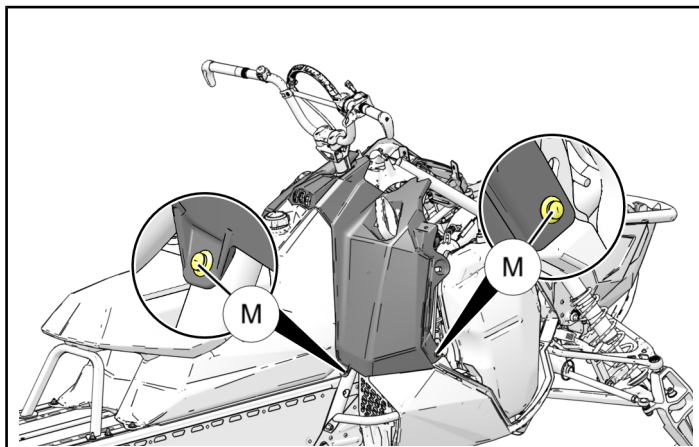
TORQUE

10 ft. lbs. (13.5 Nm)



9. REINSTALL CONSOLE.

- a. Place console into original position and install previously removed dart clips ⑩ on right side along with the clutch tool ⑪ and dart clip ⑫ on left side.

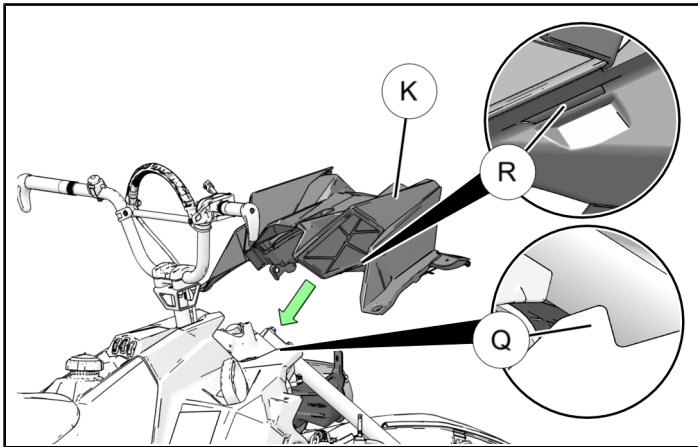


10. REINSTALL UPPER INTAKE PLENUM.

- 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

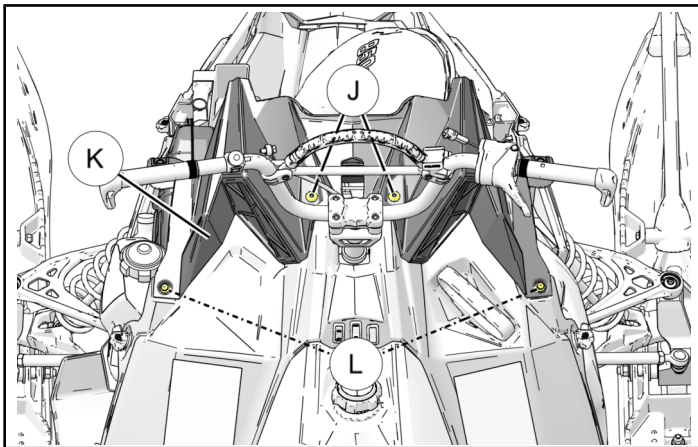
Be careful not to damage the intake screen while installing upper intake plenum.



- 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

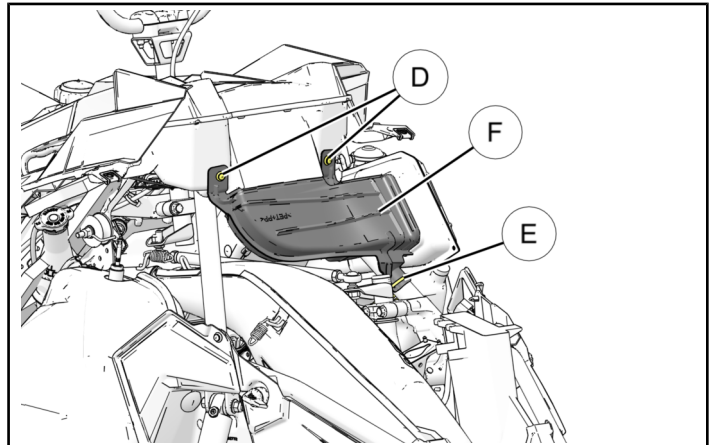
7 ft. lbs. (10 Nm)



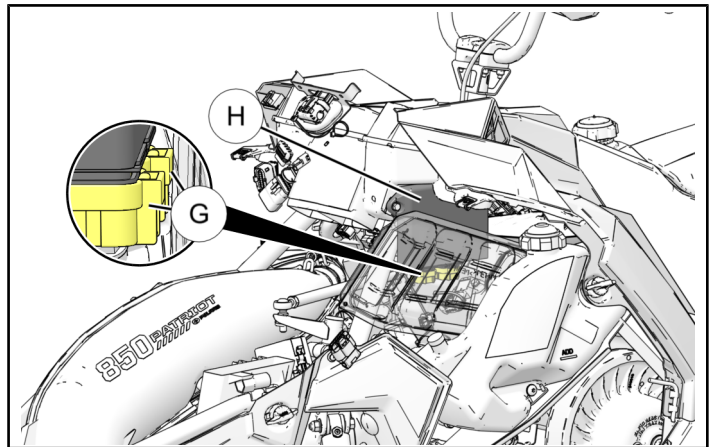
- c. Place intake tube (F) back into position and secure with previously removed dart clip fasteners (D). Replace cable tie (E) to secure lower portion of intake tube.

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.

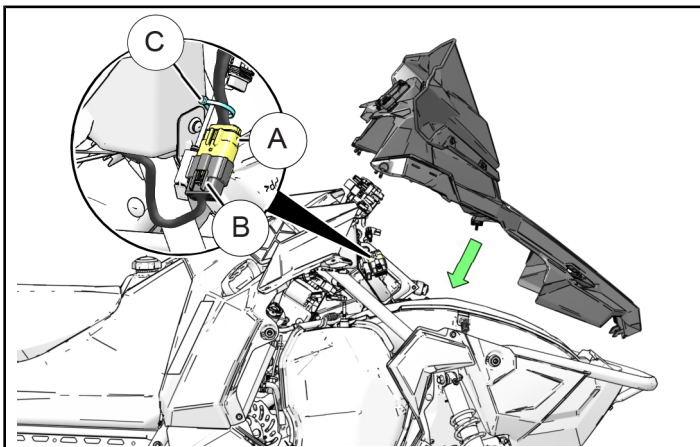


- d. Reconnect ECU by plugging the chassis electrical harness connector (G) in the ECU (H).



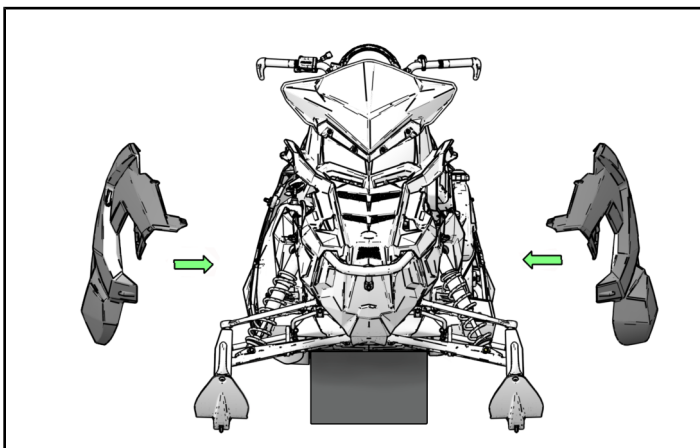
11. REINSTALL HOOD.

- 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.



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



13. VERIFY WORK.

⚠ WARNING

BEFORE FIRST USE you **MUST VERIFY** the throttle cable routing/function. Follow procedure listed below for verification. Failure to do so may result in death or serious personal injury.

- a. Ensure engine is OFF and verify throttle function by first turning the handlebars completely to the left and checking that there is no binding of the cable around any other components causing it to pull the throttle open. Repeat in opposite direction.

TIP

A good way to verify this is to check that there is still the recommended amount of free play in the throttle lever per the service manual when the steering is fully turned in either direction.

- b. After verifying throttle function with engine OFF, transport the vehicle outside and raise the rear of the vehicle using an appropriate lift so the track is no longer making contact with the ground. Start the engine and repeat step 13a by turning handlebars fully in one direction then the other. The engine should remain at a constant RPM throughout this process. If the engine RPM increases as the handlebars are turned you will need to check the throttle cable routing and ensure it is not binding and pulling the throttle open when turned. If binding, re-route the cable until it is free of all binding. Repeat this process until engine no longer increases RPM when handlebars are turned.
- c. Check to ensure all tools are accounted for and all steps have been completed.