

DEFEND HANDGUARD SIGNATURE LIGHT KIT



P/N 2884933

APPLICATION

Verify accessory fitment at www.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.

REQUIRED SOLD SEPARATELY

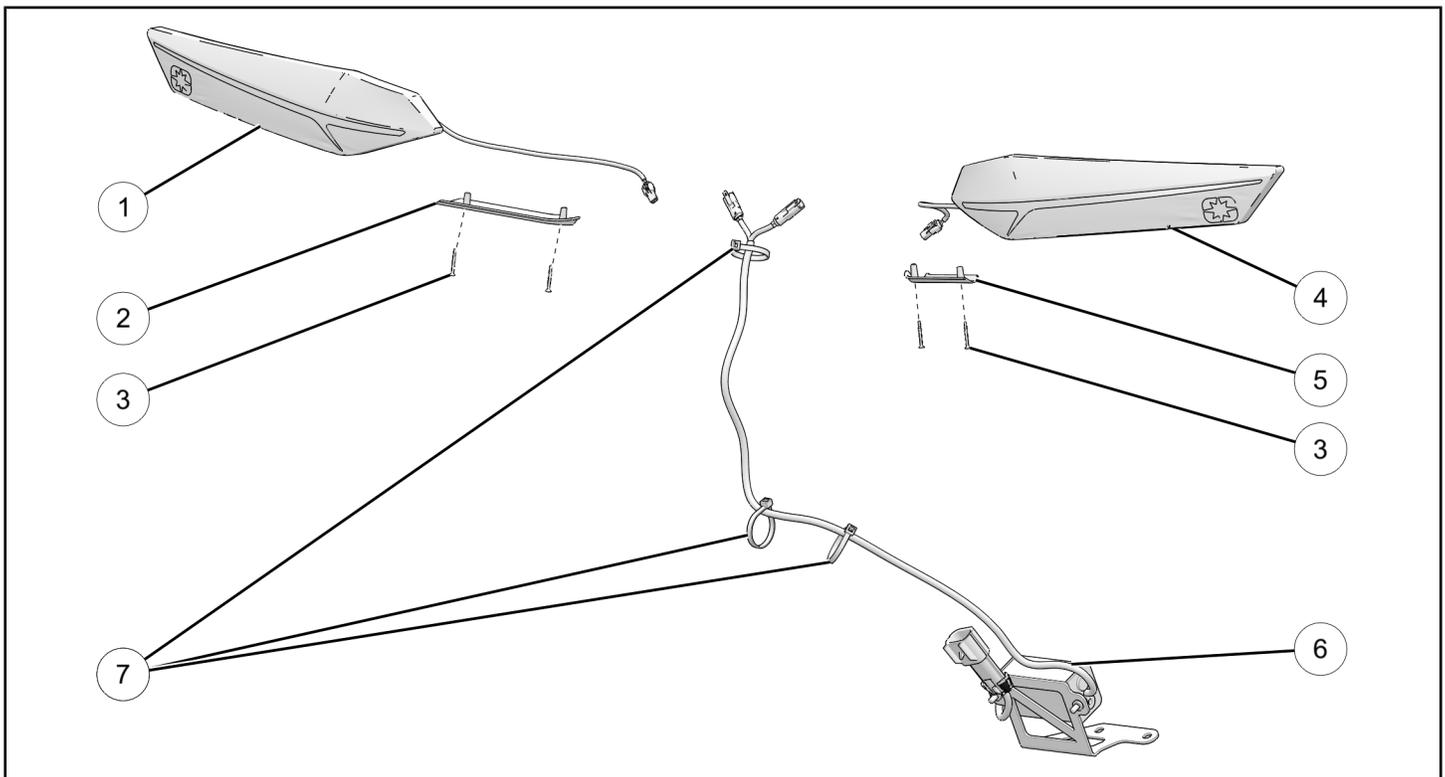
Only parts for installation of the Defend Handguard Signature Light Kit are included. Prior installation of the following additional kits is also required (sold separately):

- *Defend Handguards*, P/N 2884616-XXX
- *Defend Handguard Mounts*, P/N 2884617

NOTICE

XXX = Polaris® color code (For example: 266 = Black)

KIT CONTENTS

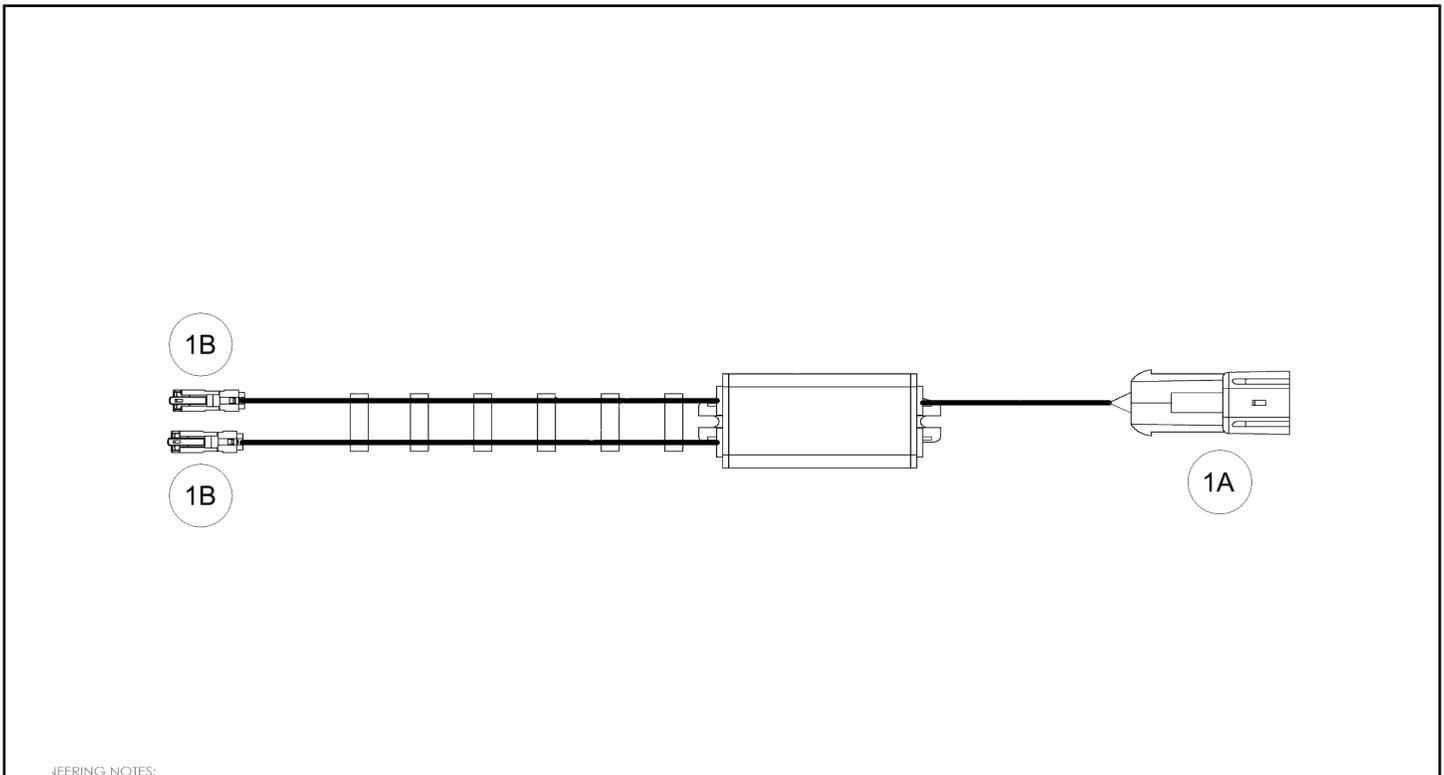


REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	RH Lighted Cap Assembly	N/A
2	1	RH Wire Cover	N/A
3	4	Screw, Thread Forming, M4 2.2 X 12	N/A

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
4	1	LH Lighted Cap Assembly	N/A
5	1	LH Wire Cover	N/A
6	1	Lighted Handguard Harness	2415684
7	3	Cable tie	7080138

HARNESS DETAIL

LIGHTED HANDGUARD HARNESS



WIRING NOTES:

REF	PART DESCRIPTION	PIN QTY/ GENDER	CONNECTS TO
1A	Main Harness Connector	2/Female	Main Harness
1B	Lighted Cap Connectors	2/Female	Lighted Handguards

TOOLS REQUIRED

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

IMPORTANT

Your Defend Handguard Signature Light 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.

INSTALLATION INSTRUCTIONS

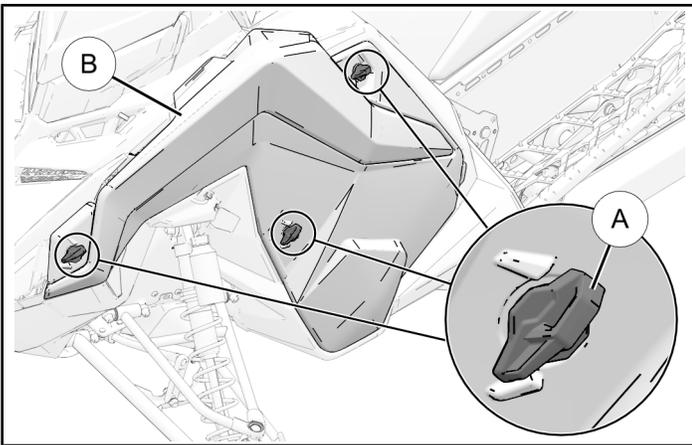
VEHICLE PREPARATION

GENERAL

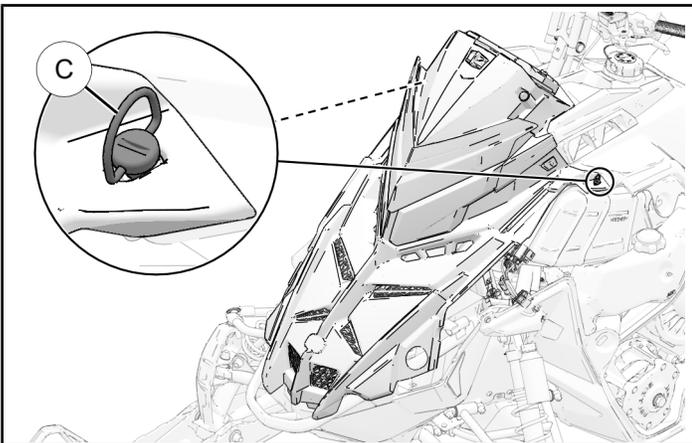
IMPORTANT

Protect all finished surfaces during these operations.

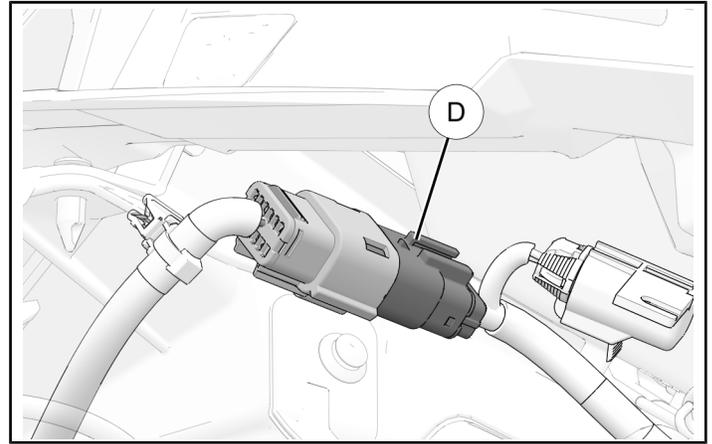
1. Park snowmobile on a flat surface.
2. Push the engine stop switch down to the OFF position.
3. Turn the key to the OFF position and remove key.
4. Rotate the three 1/4 turn latches (A) and remove the side panel (B) by pulling the panel outward to release the tabs at the bottom. Repeat this step to remove the side panel from opposite side of the snowmobile.



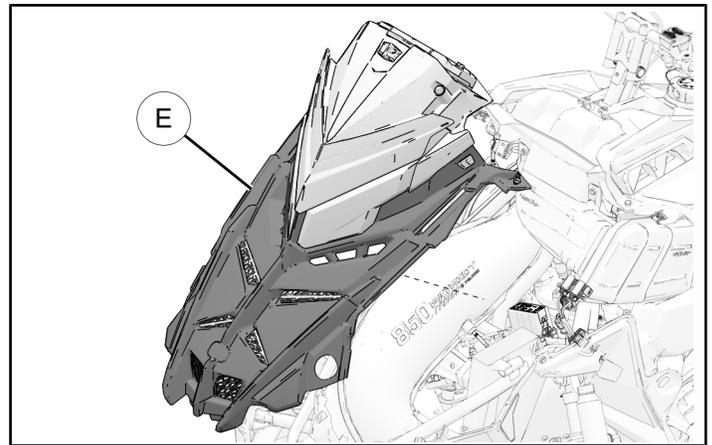
5. Rotate the 1/4 turn fasteners (C) at the rear corners of the hood.



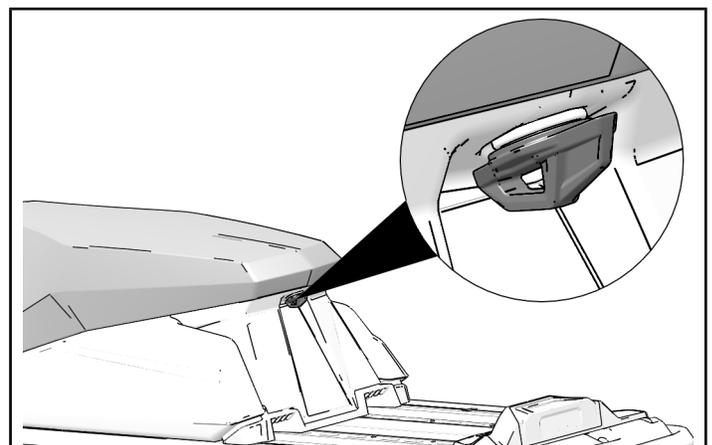
6. Disconnect the hood harness connector (D) from the main harness.



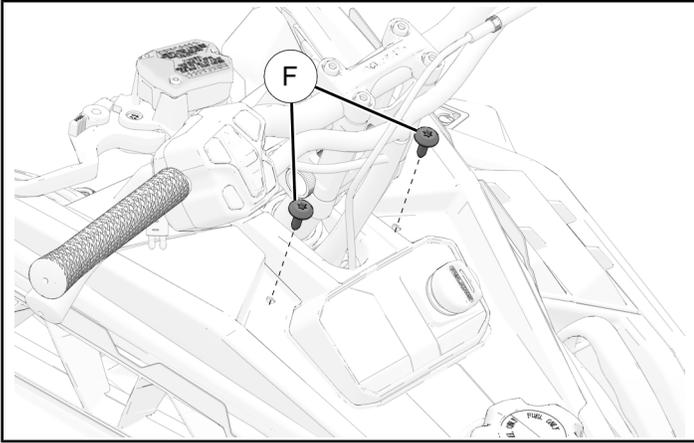
7. Remove the hood assembly (E).



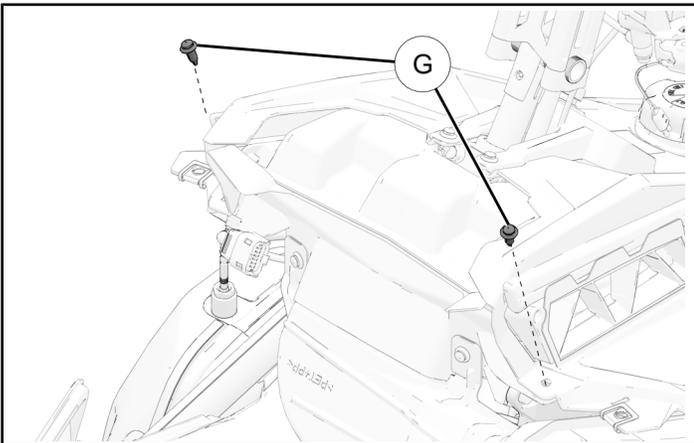
8. Turn the 1/4 turn latch at the rear of the seat and lift up to remove the seat.



9. Remove the two fasteners (F) that secure the console and lower intake plenum to the over-structure.



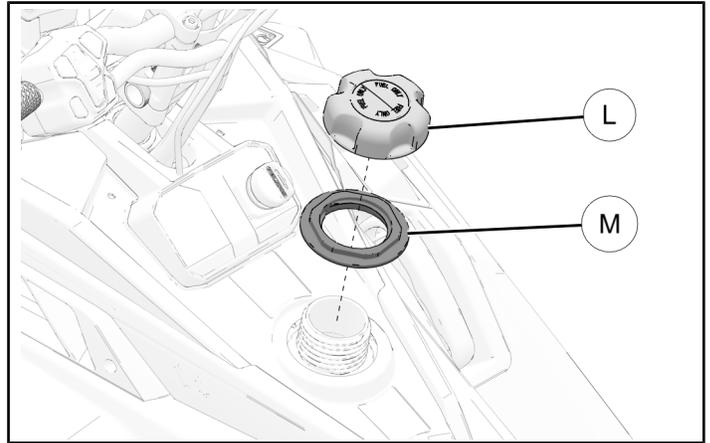
10. Remove the two push-pin rivets (G) that secure the front of the console to the lower intake plenum.



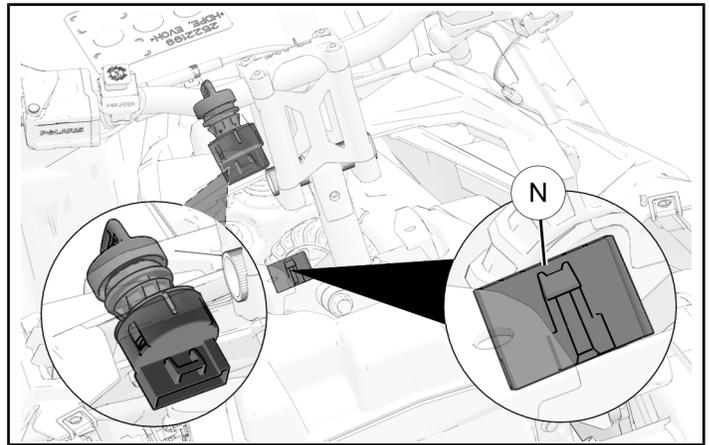
11. Remove the two fasteners (H), push-pin rivet (J) and clutch tool (K) that secure the lower portion of the console.



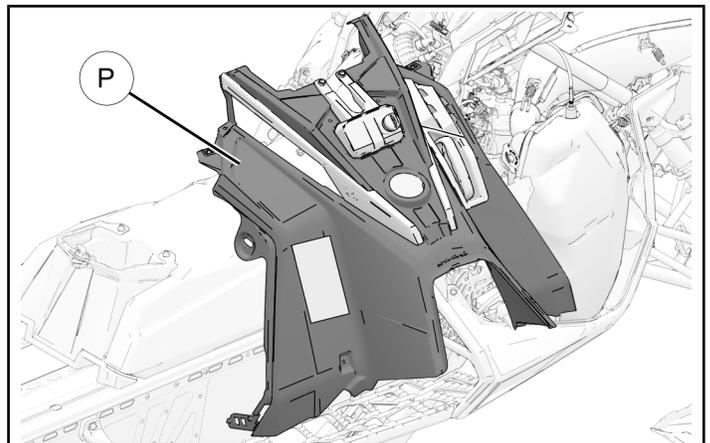
12. Remove fuel cap (L) and plastic fuel filler neck nut (M).



13. Lift up the center of the console and disconnect the key switch connector (N) from the key switch.



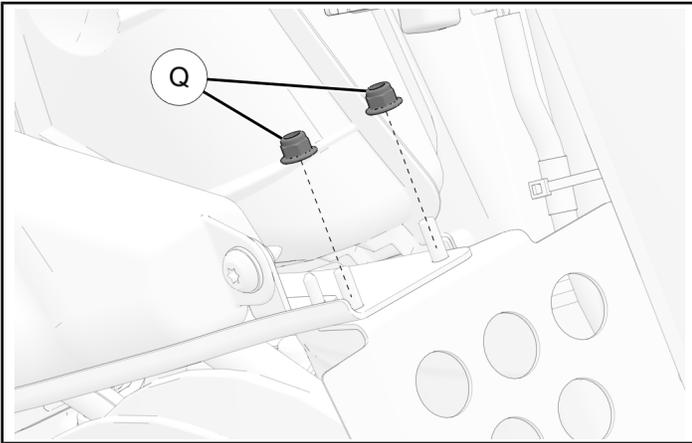
14. Carefully remove console (P) and set to the side with the starter rope still attached to the console.



15. Reinstall the fuel cap.

ACCESSORY INSTALLATION

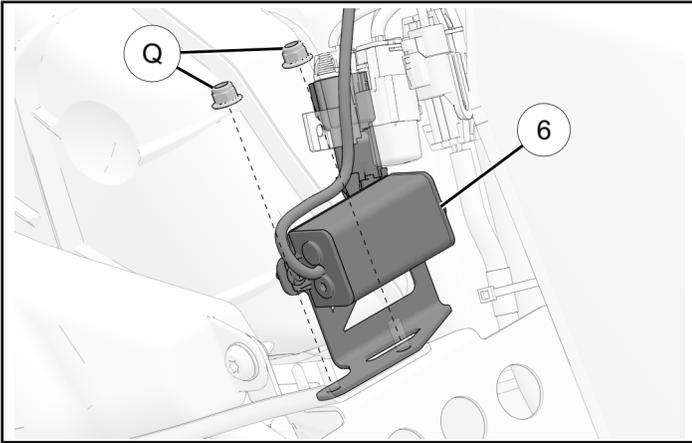
1. Remove the two nuts ① that secure the clutch guard to the studs of the clutch guard support.



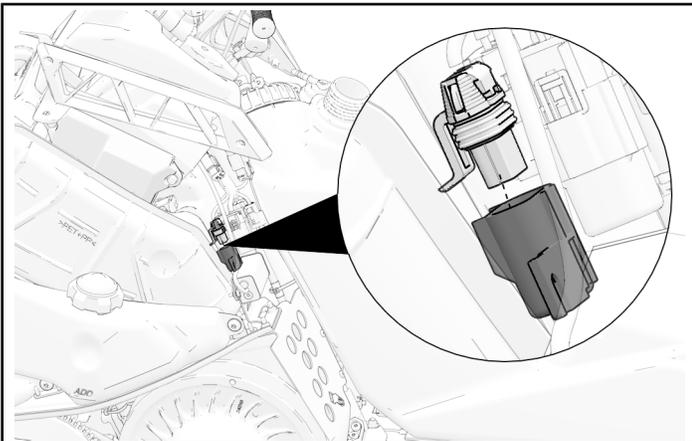
2. Place the bracket of the lighted handguard harness ⑥ onto the studs of the clutch guard support and reinstall nuts ①. Torque nuts to specification.

TORQUE

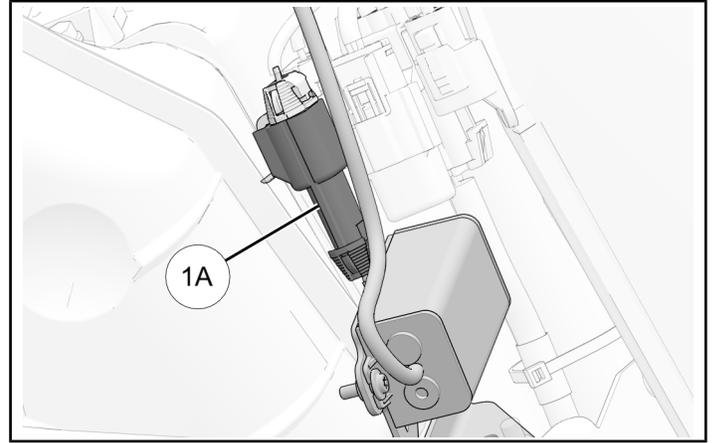
Clutch Guard Nuts:
7 ft-lbs (10 N·m)



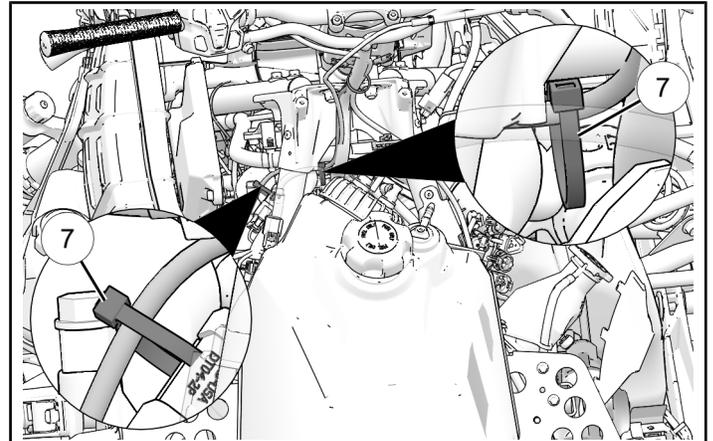
3. Remove the cap from the LED handguard accent connector.



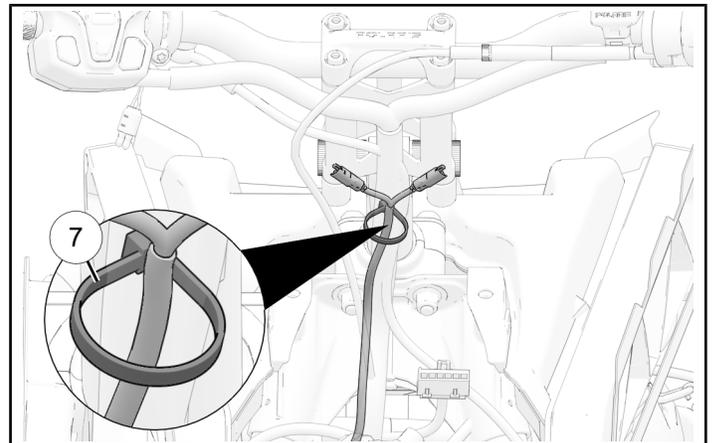
4. Connect the main harness connector 1A of the lighted handguard harness to the LED handguard accent connector of the main harness.



5. Carefully route the lighted handguard harness ① upward and along the main harness. Secure the lighted handguard harness to the main harness at the locations shown with the provided cable ties ⑦.



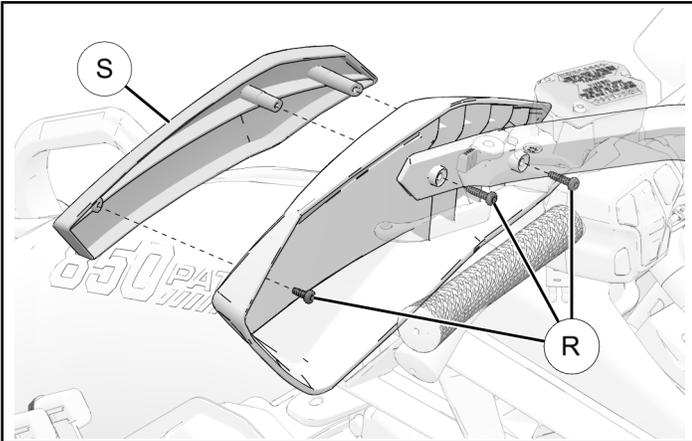
6. Continue to route the lighted handguard harness up the handlebar harness and secure with provided cable tie ⑦.



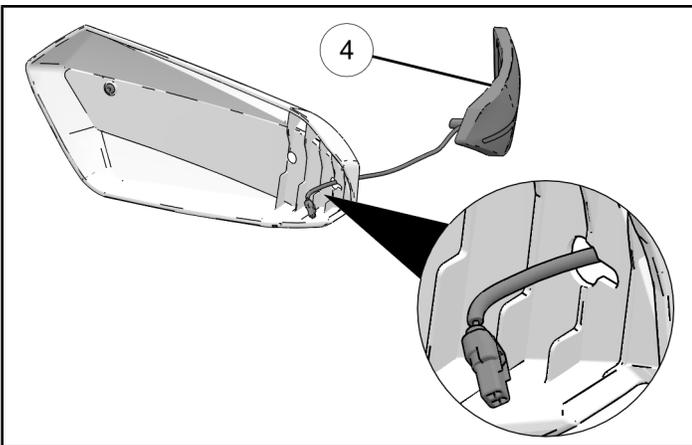
7. Remove the three fasteners (R) securing the LH handguard cap (S) to the LH handguard.

NOTICE

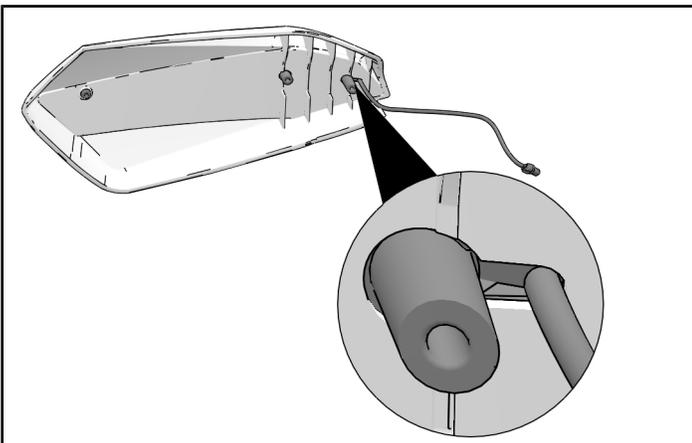
The inner two fasteners secure the handguard to the mount.



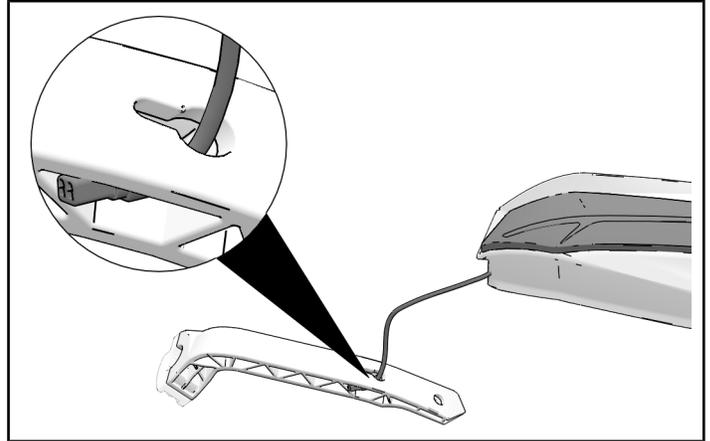
8. Pass the connector of the LH lighted cap (4) through the connector hole of the handguard.



9. Move the LH lighted cap wire harness into the wire harness slot and carefully install the LH lighted cap onto the handguard.



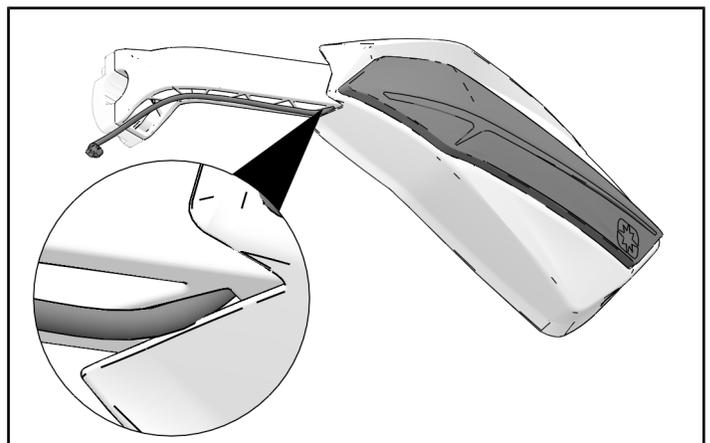
10. Next, pass the connector of the LH lighted cap through and down the connector hole of the mount.



11. Move the LH lighted cap wire harness into the wire harness slot.



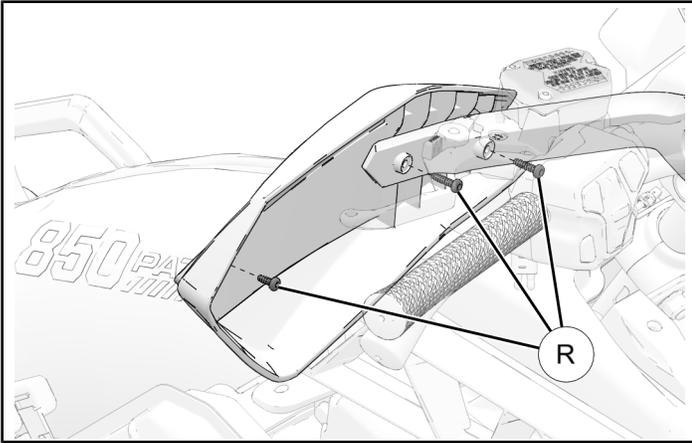
12. Carefully install the LH lighted cap / handguard onto the mount and make sure the wire is not pinched between the mount and handguard.



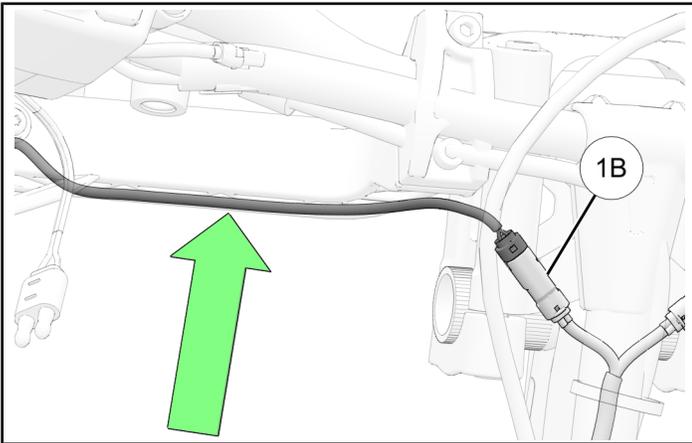
13. Reinstall three fasteners **R** to secure the handguard. DO NOT overtighten.

TORQUE

Handguard Fasteners:
Tighten Until Fully Seated



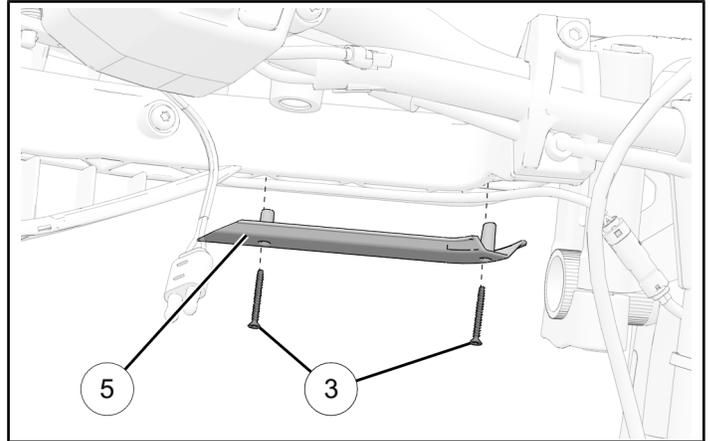
14. Route the LH lighted cap harness under the mounting arm and connect to the lighted cap connector **1B** of the lighted handguard harness



15. Install the LH wire cover **5** and provided fasteners **3** onto the mounting arm. DO NOT overtighten.

TORQUE

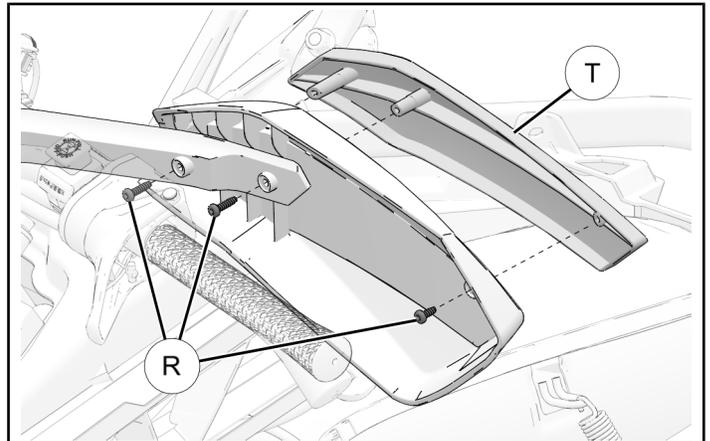
Wire Cover Fasteners:
Tighten Until Fully Seated



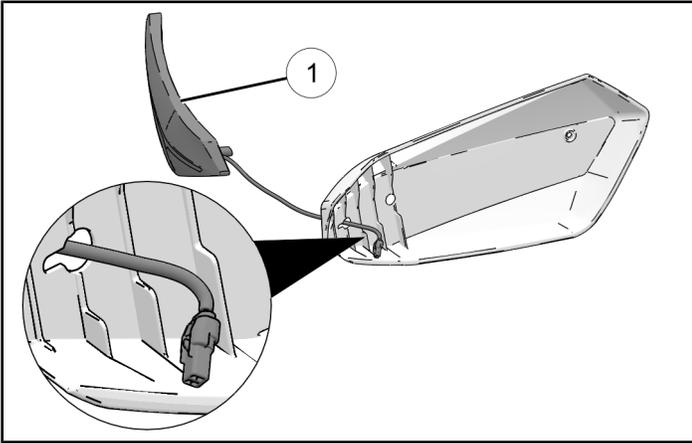
16. Next, remove the three fasteners **R** securing the RH handguard cap **T** to the RH handguard.

NOTICE

The inner two fasteners secure the handguard to the mount.



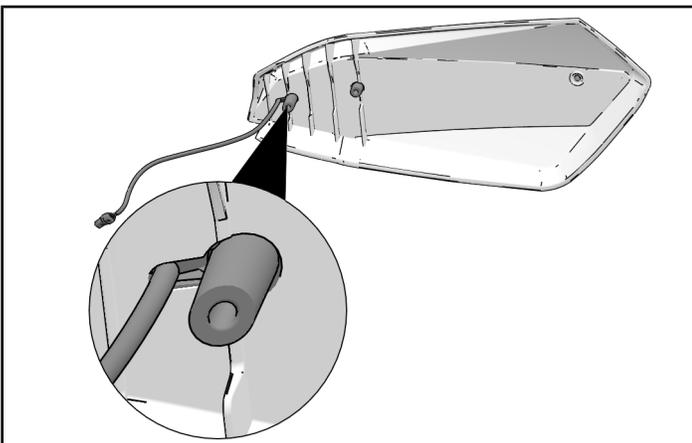
17. Pass the connector of the RH lighted cap ① through the connector hole of the handguard.



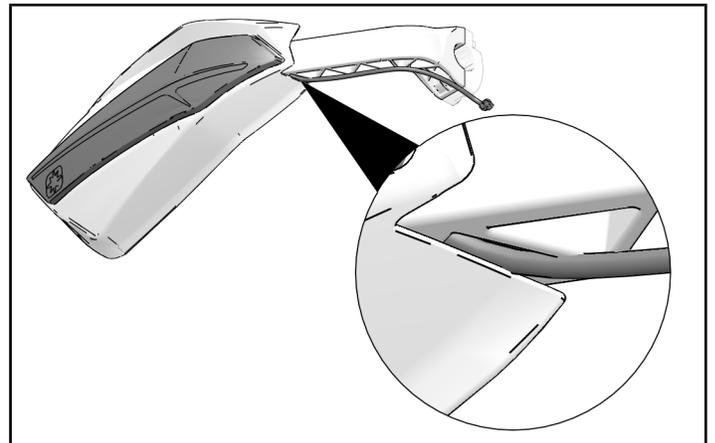
20. Move the RH lighted cap wire harness into the wire harness slot.



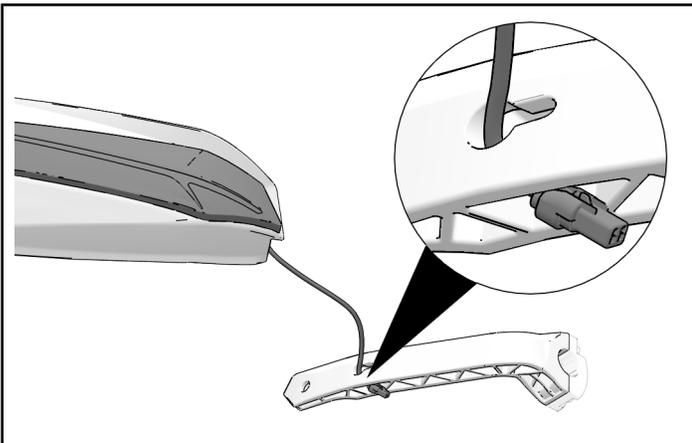
18. Move the RH lighted cap wire harness into the wire harness slot and carefully install the RH lighted cap onto the handguard.



21. Carefully install the RH lighted cap / handguard onto the mount and make sure the wire is not pinched between the mount and handguard.

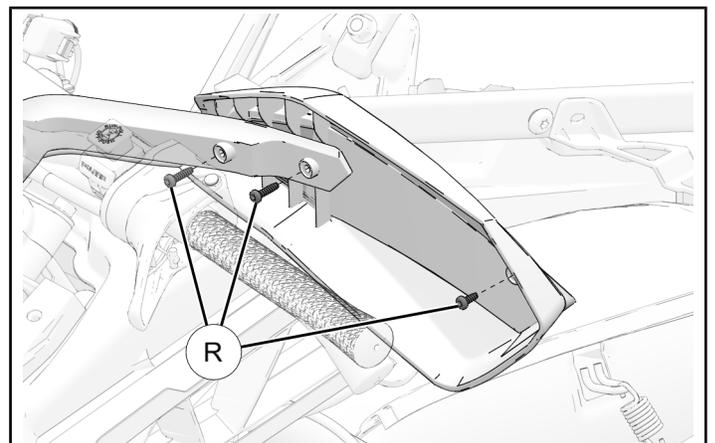


19. Next, pass the connector of the RH lighted cap through and down the connector hole of the mount.

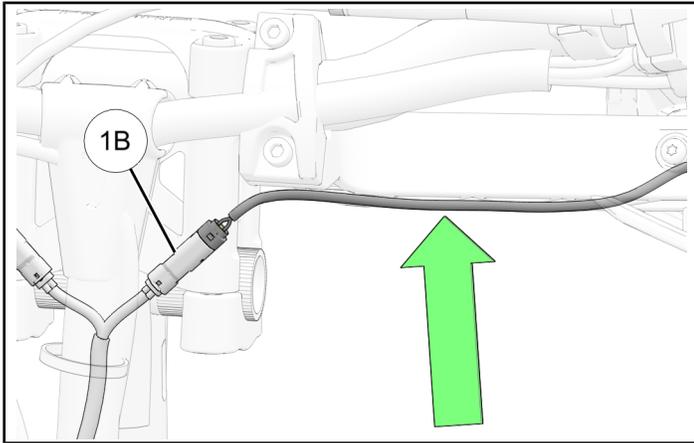


22. Reinstall three fasteners ① to secure the handguard. DO NOT overtighten.

TORQUE
Handguard Fasteners:
Tighten Until Fully Seated



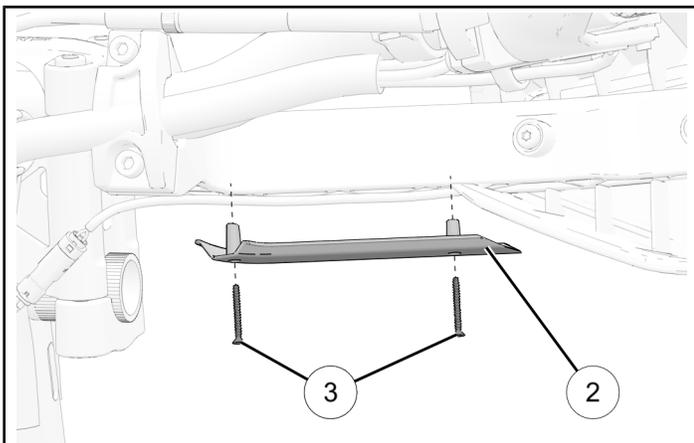
23. Route the RH lighted cap harness under the mounting arm and connect to the lighted cap connector **1B** of the lighted handguard harness.



24. Install the RH wire cover **2** and provided fasteners **3** onto the mounting arm. DO NOT overtighten.

TORQUE

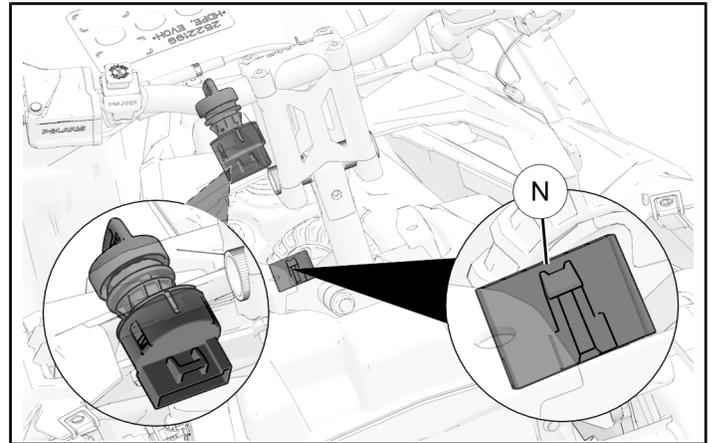
Wire Cover Fasteners:
Tighten Until Fully Seated



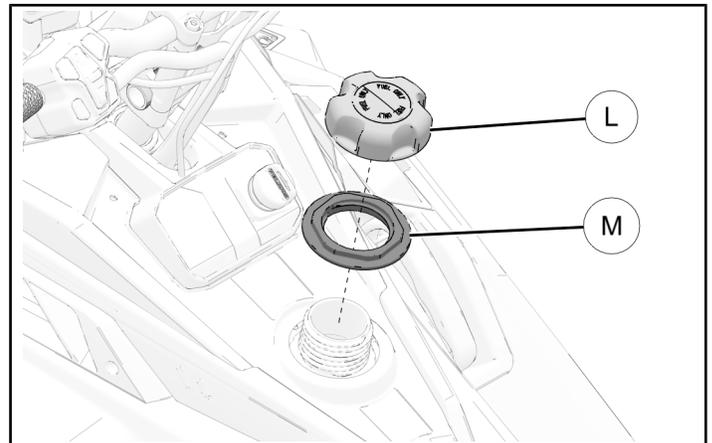
VEHICLE REASSEMBLY

GENERAL

1. Place console near its installed position and connect the main harness key switch connector **N** to the key switch.



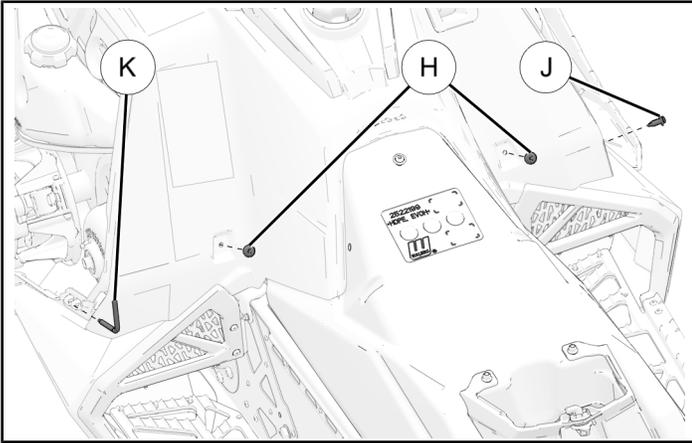
2. Remove the fuel cap and install the console into position. Install the plastic fuel filler neck nut **M** and fuel cap **L**.



3. Install the two fasteners (H), push-pin rivet (J) and clutch tool (K) that secure the lower portion of the console. Torque fastener to specification.

TORQUE

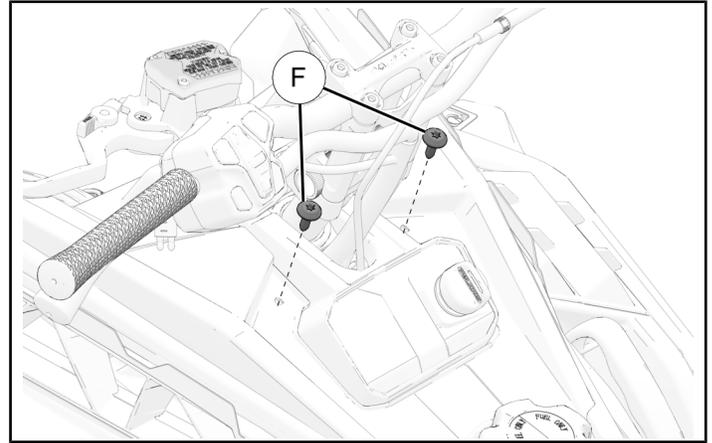
Console Fasteners:
71 in-lbs (8 N·m)



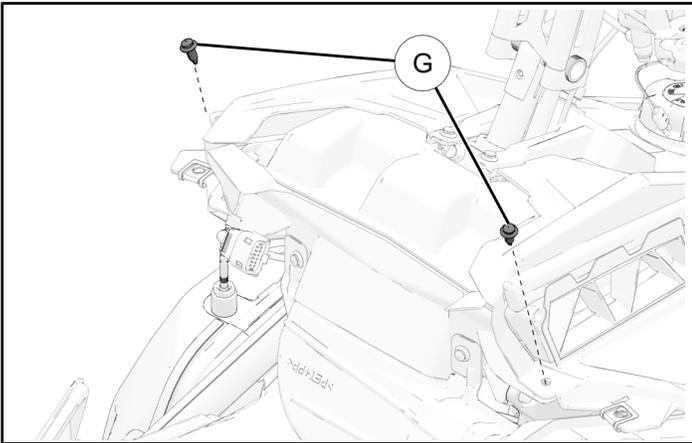
5. Install the two fasteners (F) that secure the console and lower intake plenum to the over-structure. Torque fastener to specification.

TORQUE

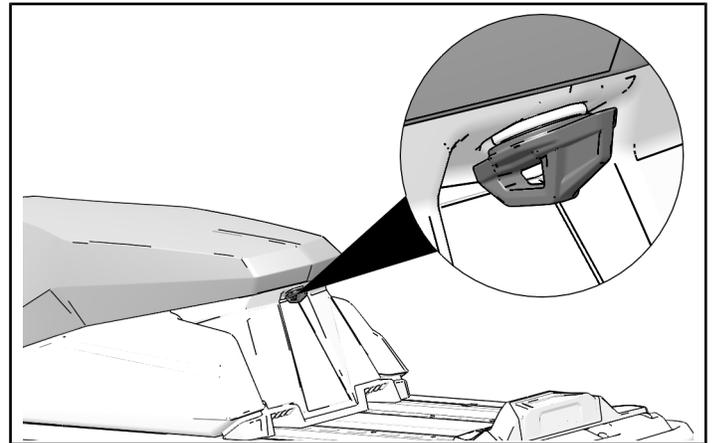
Console Fasteners:
71 in-lbs (8 N·m)



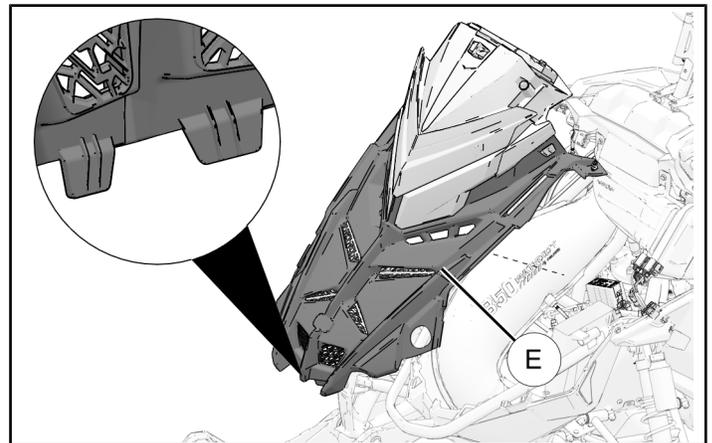
4. Install the two push-pin rivets (G) that secure the front of the console to the lower intake plenum.



6. Install the seat and secure with 1/4 turn latch.



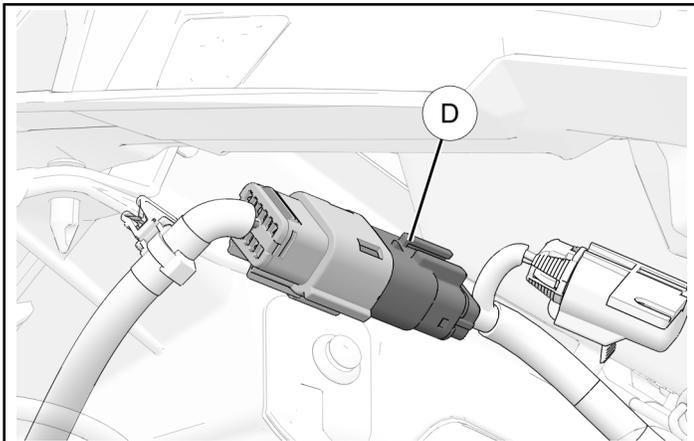
7. Install the hood (E) by inserting the front of the hood into the nosepan.



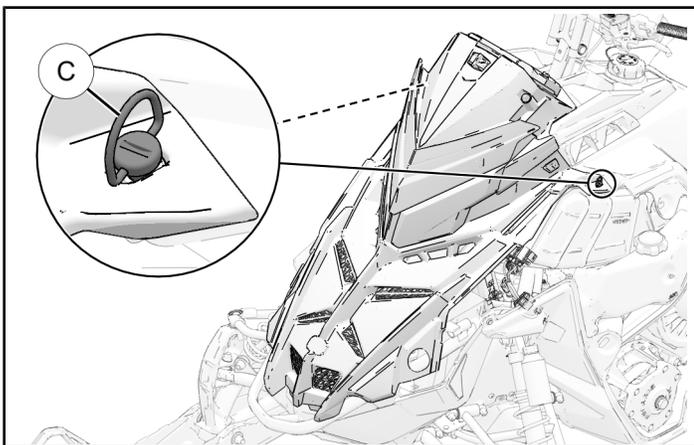
8. Connect the hood harness connector ④ to the main harness.

NOTICE

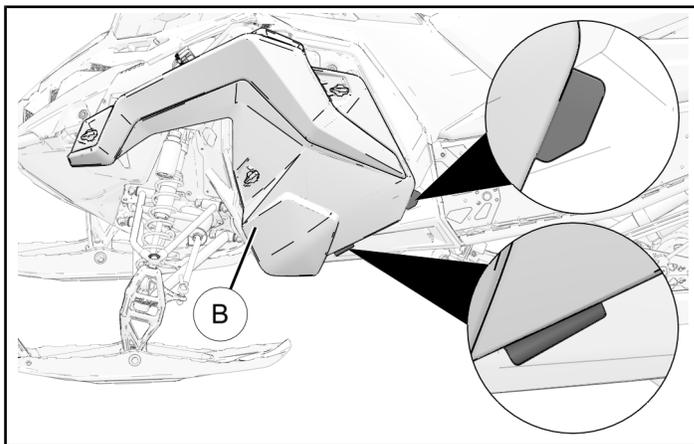
Verify the harness connectors are clean and dry prior to assembly.



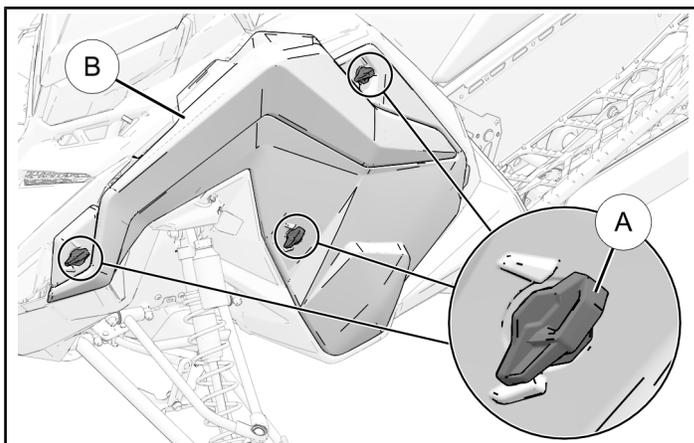
9. Rotate the 1/4 turn fasteners ③ at the rear corners of the hood to secure the rear of the hood to the console.



10. Align the tabs at the bottom of the side panel ⑥ with the slots in the fender and carefully insert.



11. Close the side panel ⑥ and secure by rotating the three 1/4 turn latches ①. Repeat this step to install the side panel onto opposite side of the snowmobile.



INSTRUCTION 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.

