

# 7S DISPLAY KIT



P/N 2884972; 2890275

## 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.

## APPLICATION

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

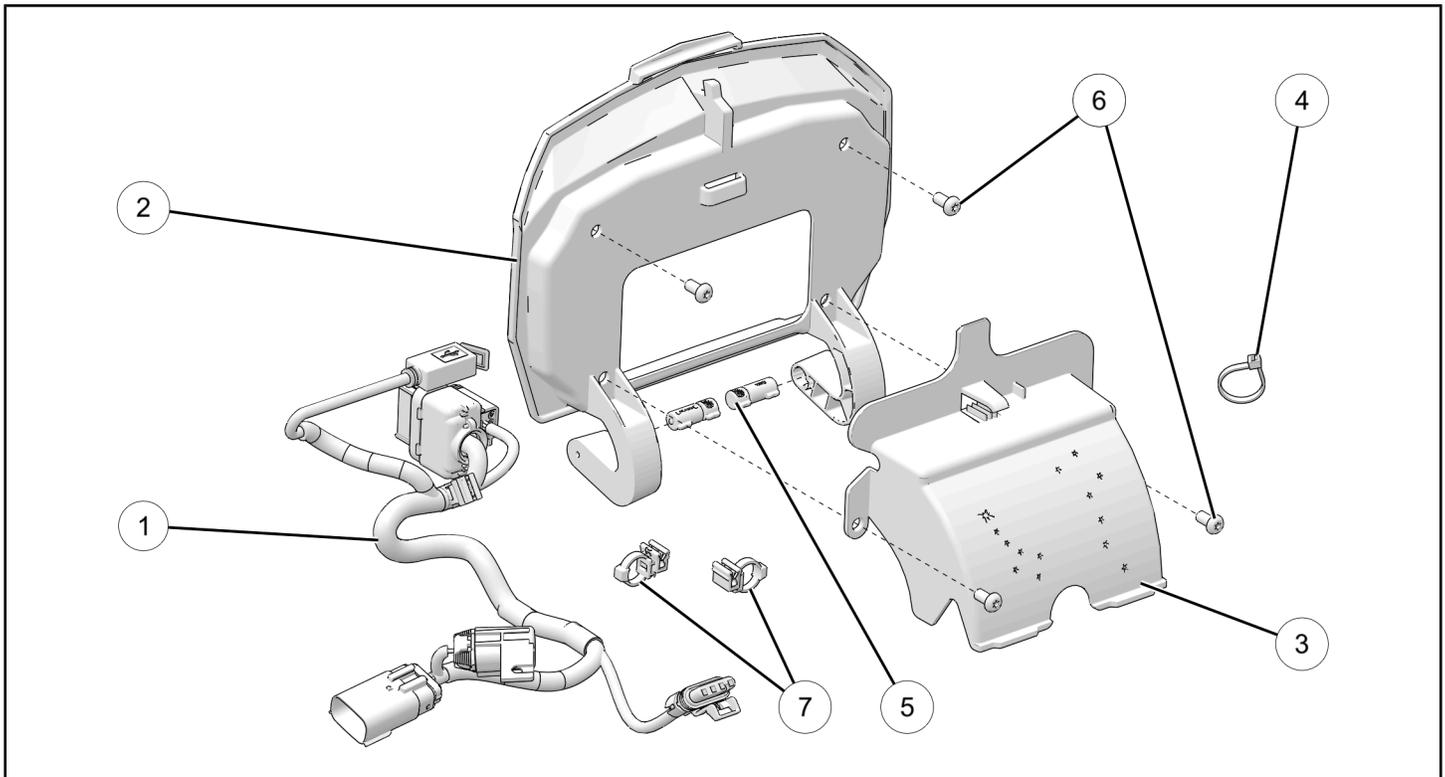
## REQUIRED SOLD SEPARATELY

Only parts for installation of the 7S Display Kit are included. For complete installation, the following additional kit is required (sold separately):

- Ride Command 7S Touch Display, P/N 2891346

## KIT CONTENTS

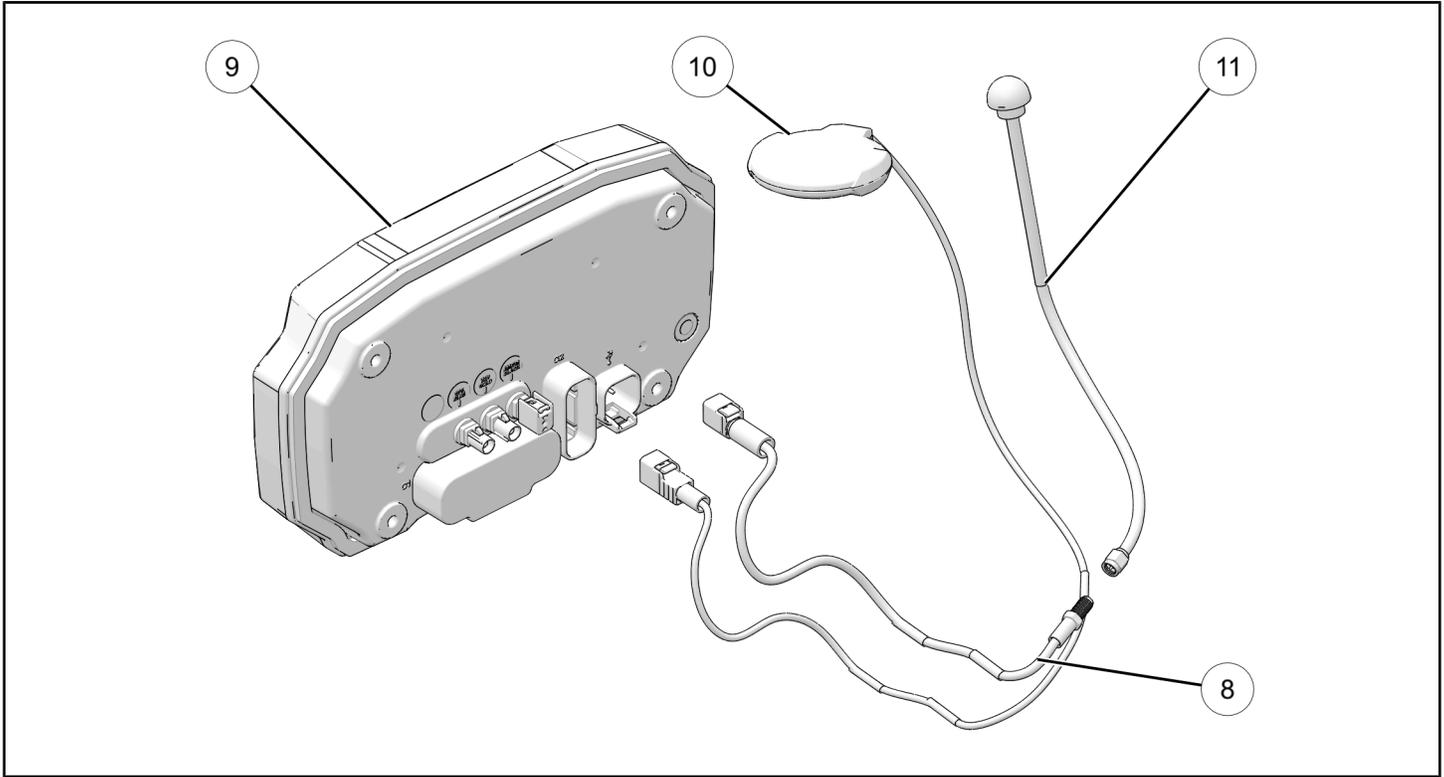
### RIDE COMMAND 7S TOUCH DISPLAY INSTALL KIT - P/N 2884972



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Hood Harness	2415186/2416776
2	1	7" Display Door	5456644-070
3	1	7" Display Wire Cover	5457107
4	1	Cable Tie	7080138
5	2	Friction Hinge	7082631

REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
6	4	Screw, Torx Drive Button Head, M6 X 1.0 X 12	7519063
7	2	Edge Clip	7082403

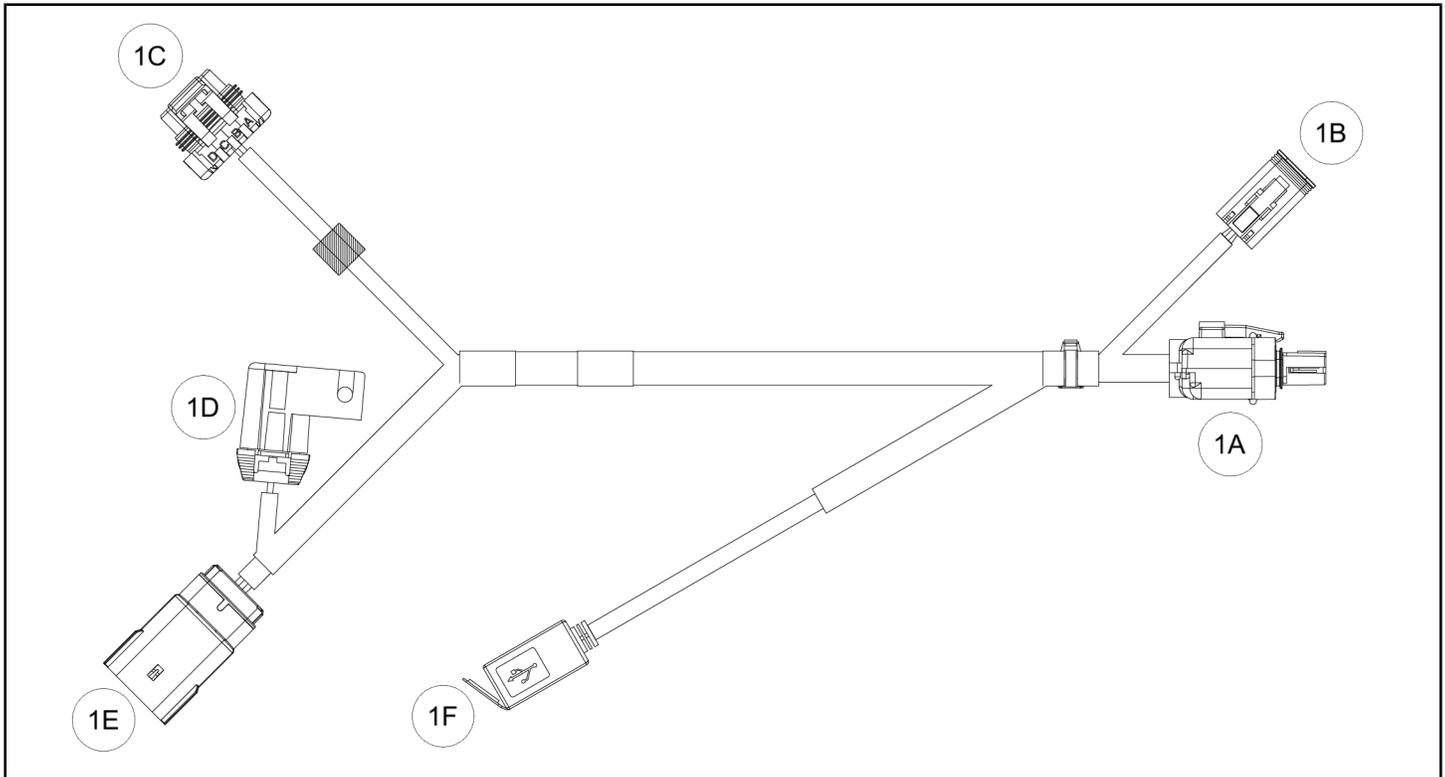
**RIDE COMMAND 7S TOUCH DISPLAY - P/N 2891346 (SOLD SEPARATELY)**



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
8	1	V2V / Antenna Harness	2415461
9	1	7" Display	3286998
10	1	GPS Antenna	4019311
11	1	V2V Antenna	4019211

# HARNESS DETAIL

## 2415186/2416779 HOOD HARNESS



REF	PART DESCRIPTION	PIN QTY/ GENDER	CONNECTS TO
1A	Display Connector	16/Male	Display
1B	Display USB Connector	6/Male	Display
1C	Headlight Connector	4/Male	Headlight
1D	12V Accessory Power Connector	2/Male	-
1E	Main Harness Connector	12/Male	Main Harness
1F	USB Port	-	-

### TOOLS REQUIRED

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

### CONSUMABLES REQUIRED

- Gloves, Chemical Resistant
- Solvent Wipe (99% Isopropyl Alcohol)

### IMPORTANT

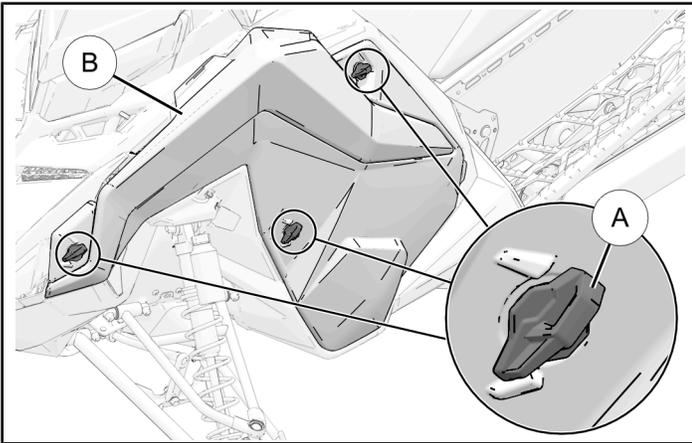
Your 7S Display Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

# INSTALLATION INSTRUCTIONS

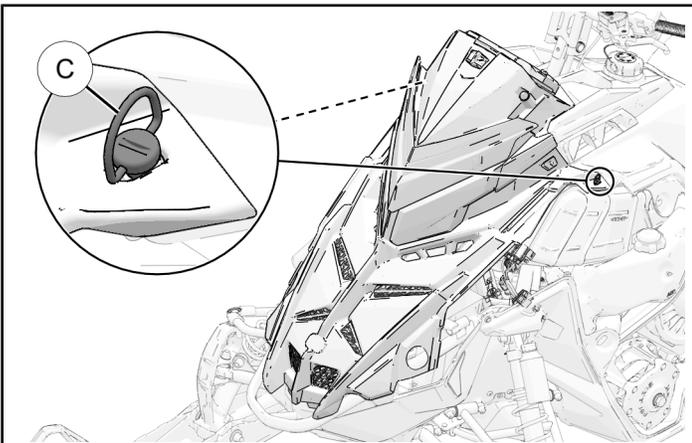
## VEHICLE PREPARATION

### GENERAL

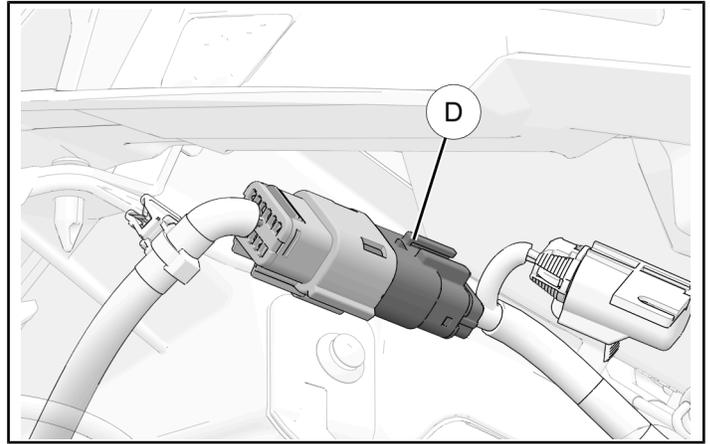
1. Park snowmobile on a flat surface.
2. Push the engine stop switch down to the OFF position.
3. Turn the key to the OFF position and remove key.
4. Rotate the three 1/4 turn latches (A) and remove the side panel (B) by pulling the panel outward to release the tabs at the bottom. Repeat this step to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



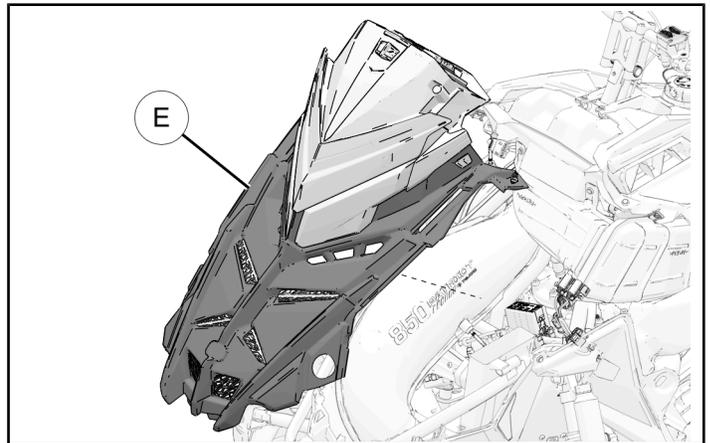
6. Disconnect the hood harness connector (D) from the main harness.



7. Remove the hood assembly (E).

### NOTICE

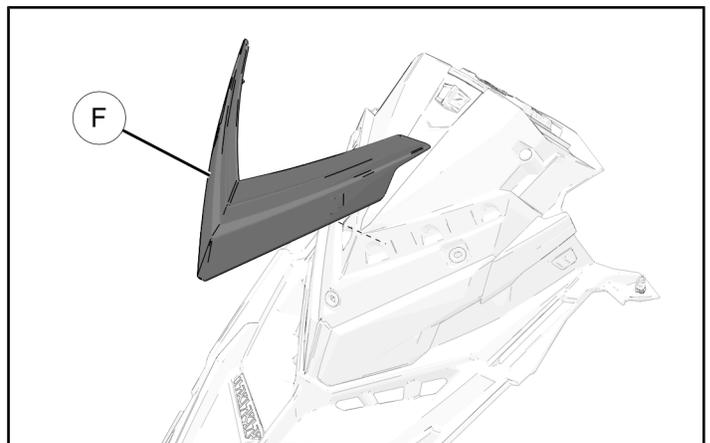
Place the hood on a blanket or cardboard to protect the hood finish.



8. Remove the windshield by freeing the windshield pegs from the rubber grommets.

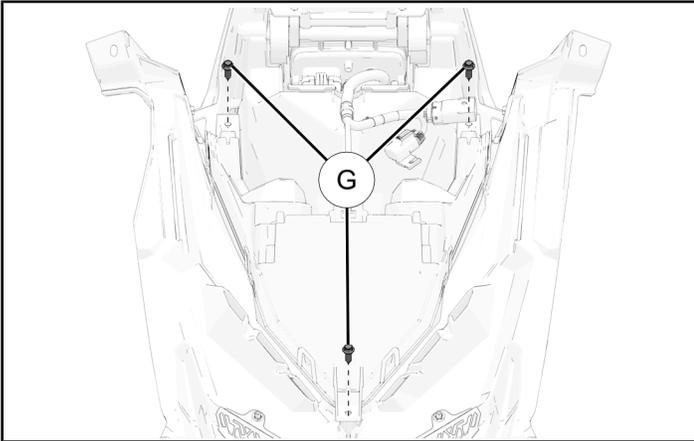
### NOTICE

Pull windshield from rear corners first.

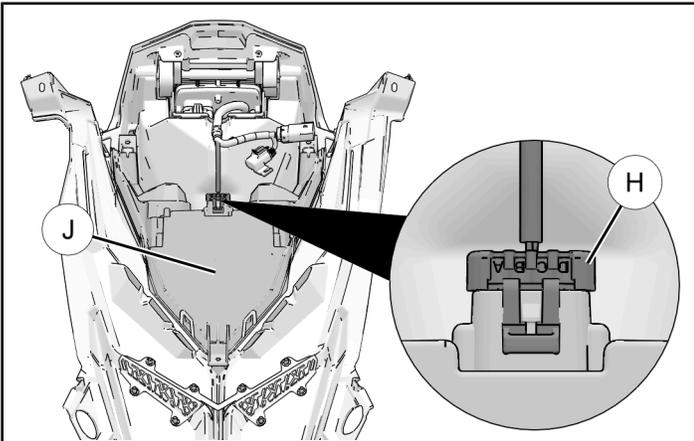


9. Place the hood upside down on a flat surface.

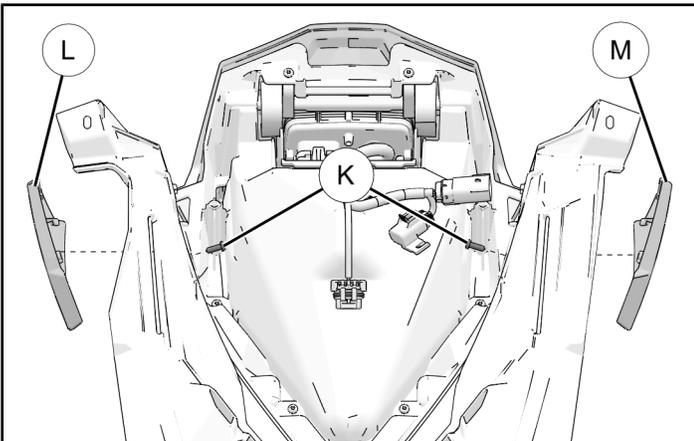
10. Remove the three fasteners ⑥ securing the headlight.



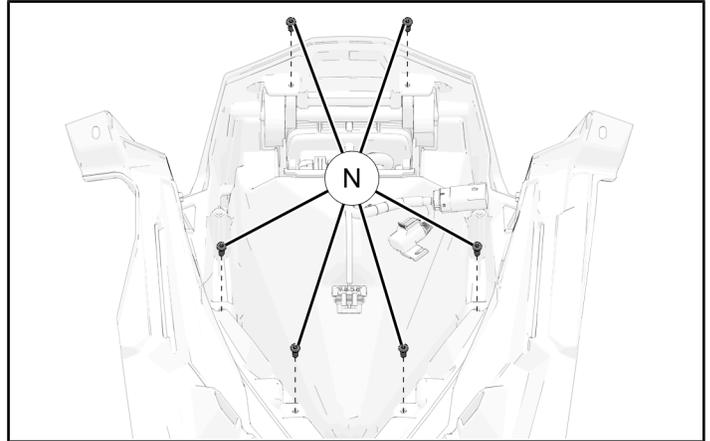
11. Disconnect the headlight connector ⑨ from the headlight and remove the headlight ⑩.



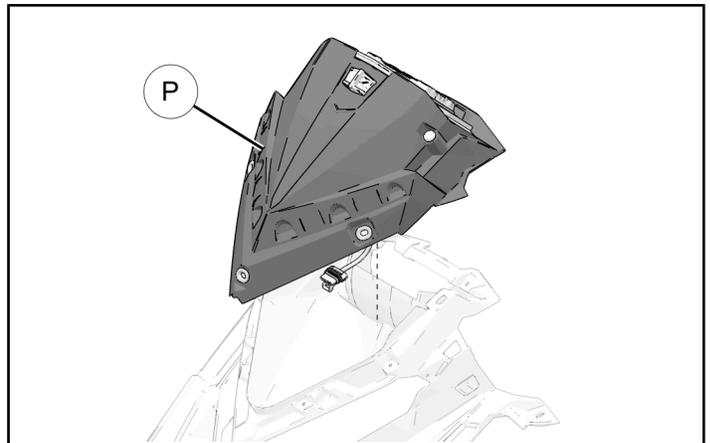
12. Remove the two fasteners ⑫ that secure the LH hood trim ⑬ and RH hood trim ⑭. Remove both hood trim pieces.



13. Remove the six fasteners ⑮ that secure the hood cap to the hood.



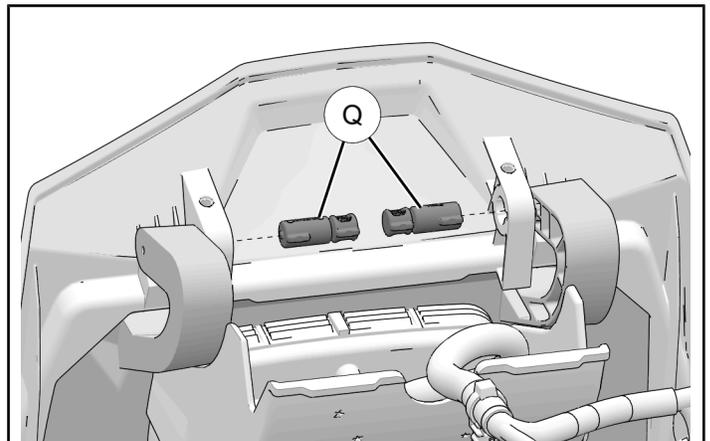
14. Carefully remove the hood cap ⑯.



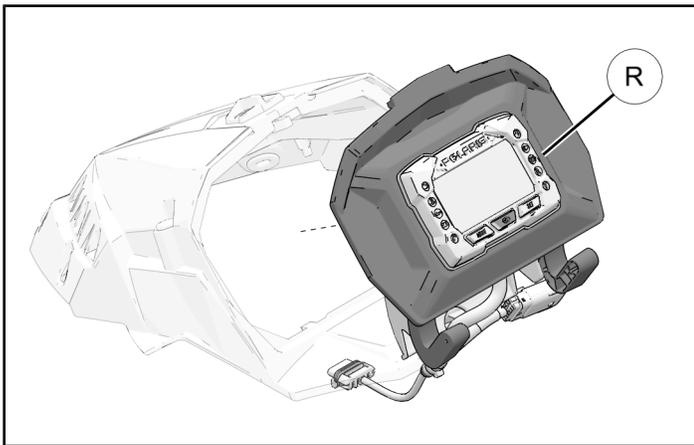
15. Remove the friction hinges ⑰.

**NOTICE**

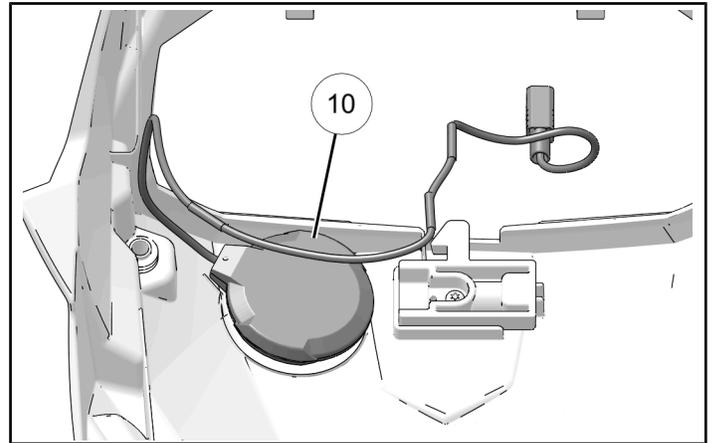
Remove by using a small punch or other object that fits in the holes on the side.



16. Remove the display door / display <sup>®</sup>.



2. Install GPS antenna <sup>®</sup> following the orientation marks on top inside of hood cap.

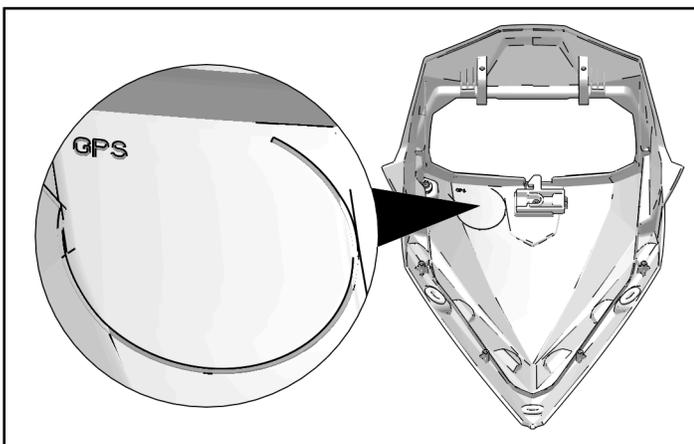


## ACCESSORY INSTALLATION

1. Use a solvent wipe to clean the area on top inside of hood cap labeled "GPS".

### **⚠ WARNING**

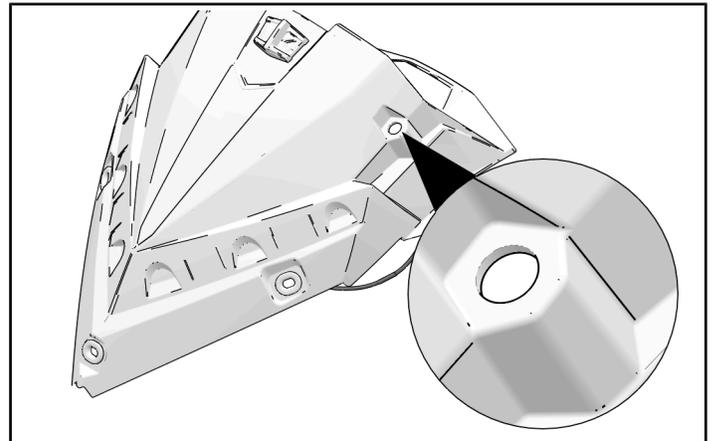
Isopropyl alcohol is hazardous to your health. See isopropyl alcohol packaging for proper handling instructions, including recommended personal protective equipment such as goggles and chemical resistant gloves.



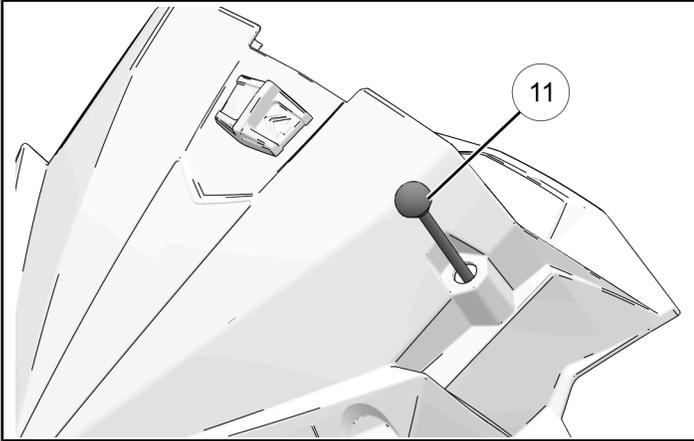
3. Use a solvent wipe to clean the area on top of hood cap where the V2V antenna is to be installed.

### **⚠ WARNING**

Isopropyl alcohol is hazardous to your health. See isopropyl alcohol packaging for proper handling instructions, including recommended personal protective equipment such as goggles and chemical resistant gloves.



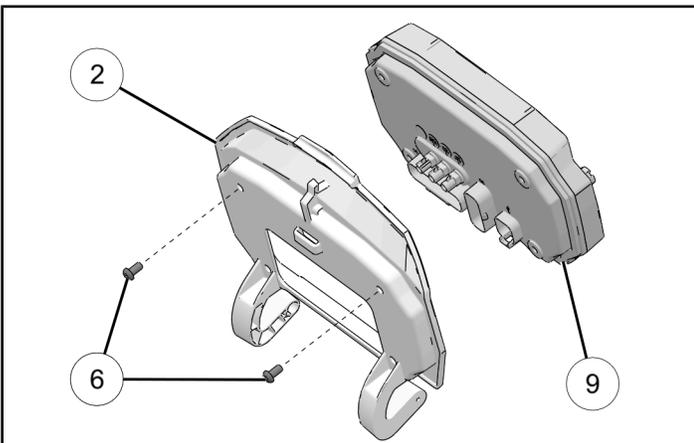
4. Install V2V antenna ⑪ by removing red adhesive protector. Tighten nut until snug against underside of hood cap.



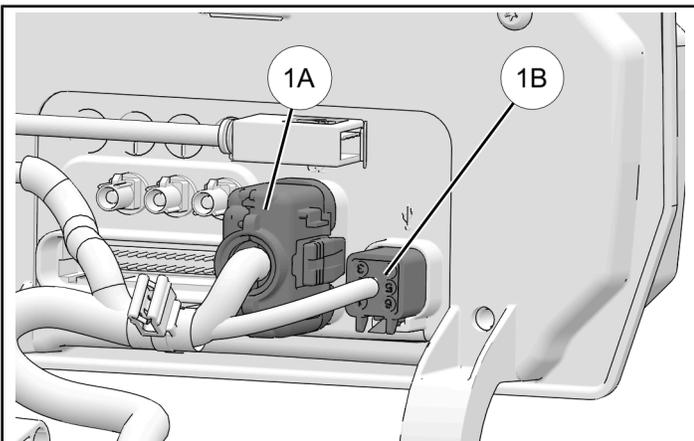
5. Install the 7" display ⑨ onto the 7" display door ② using the top two fasteners ⑥. Torque fasteners to specification.

#### TORQUE

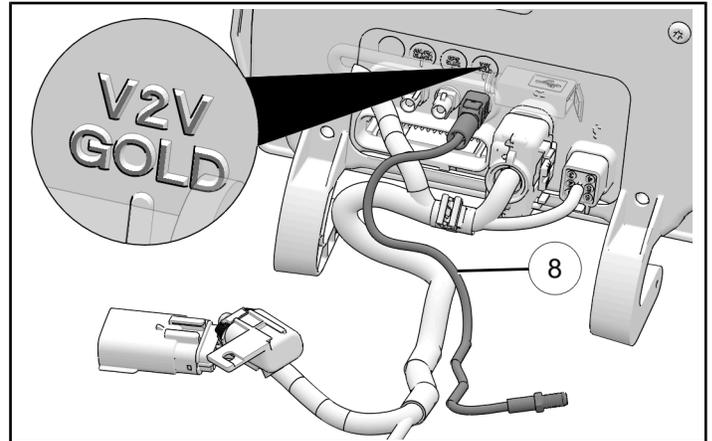
Display Fasteners:  
**53 in-lbs (6 N·m)**



6. Connect display connector 1A and display USB connector 1B to the display.



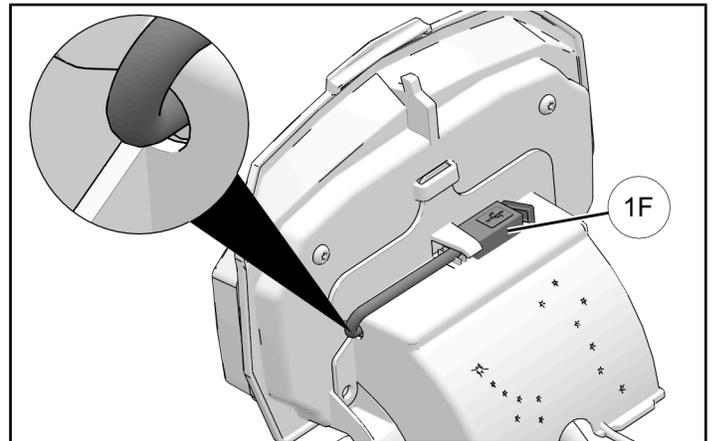
7. Connect the V2V/antenna ⑧ to the display in the location labeled "V2V GOLD".



8. Position the display wire cover near the 7" display/door. Route USB cable and secure the USB port 1F in the display wire cover clamp.

#### NOTICE

Make sure the USB cable is not pinched between the display wire cover and the back of the display door.



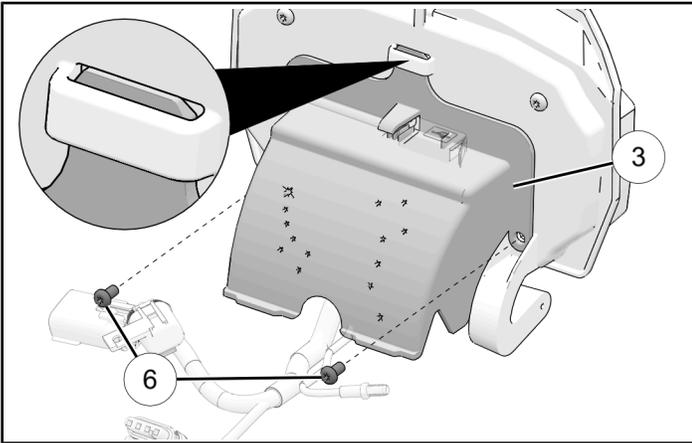
9. Install the display wire cover ③ onto the 7" display/door using the bottom two fasteners ⑥. Torque fasteners to specification.

**NOTICE**

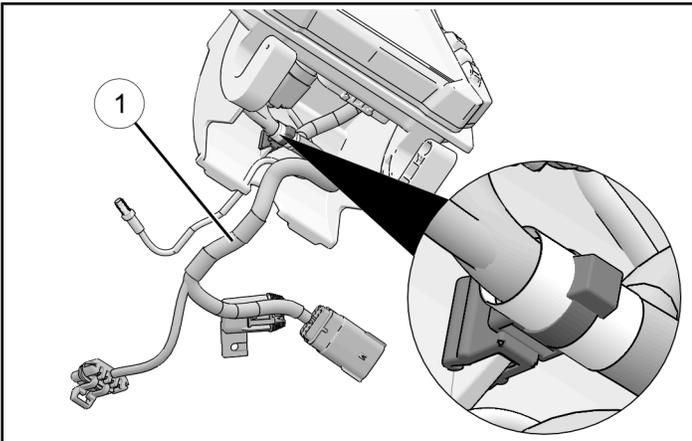
Make sure the tab of the display wire cover is installed into the holder on the back of the display door.

**TORQUE**

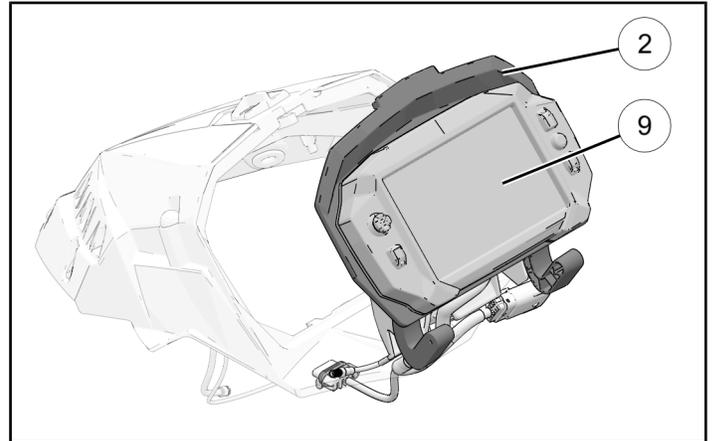
Display Fasteners:  
**53 in-lbs (6 N·m)**



10. Secure the hood harness ① to the tab on the display wire cover with the preinstalled edge clip. Route the hood harness and V2V/antenna out the notch in the rear of the display wire cover



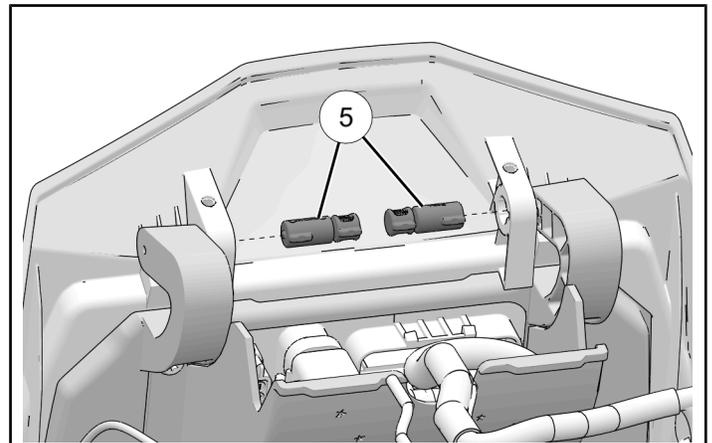
11. Assemble new display door ② and display ⑨ assembly onto hood cap and align hinges with new friction hinges.



12. Install new friction hinges ⑤ orientated as shown below.

**NOTICE**

Slide in until flush with edge of hood cap.



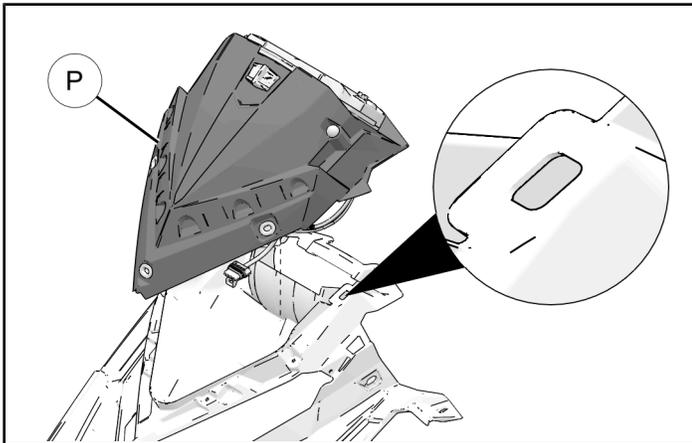
# VEHICLE REASSEMBLY

## GENERAL

1. Carefully install the hood cap **P** onto the hood.

### NOTICE

Make sure to not damage the V2V antenna and GPS antenna as they route through the hole in the hood.



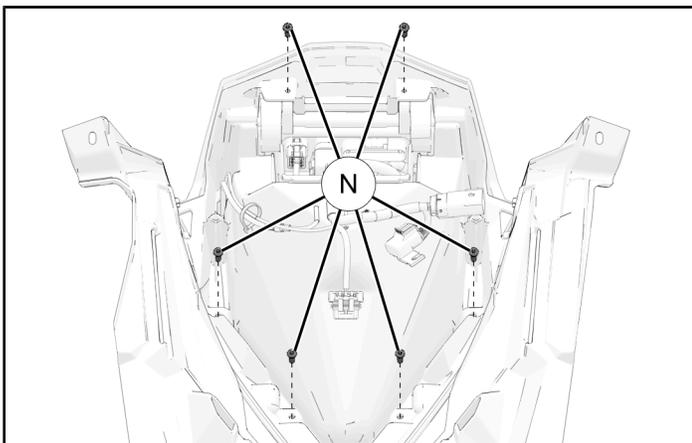
2. Install the six fasteners **N** that secure the hood cap to the hood. Torque fasteners to specification.

### NOTICE

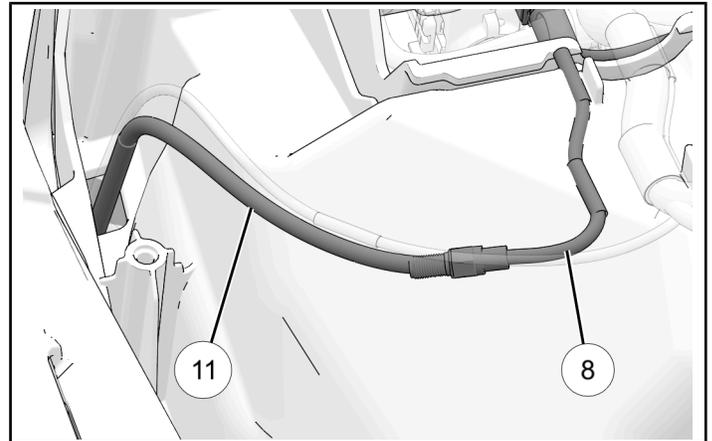
Fasteners can be tightened until snug to prevent fastener head embedding into the plastic or stripping.

### TORQUE

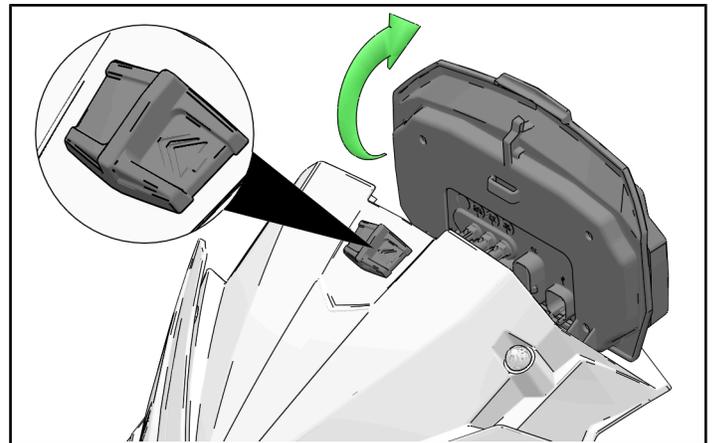
Hood Cap Fasteners:  
**18 in-lbs (2 N·m)**



3. Connect the V2V/antenna harness **11** to the V2V antenna **8**.



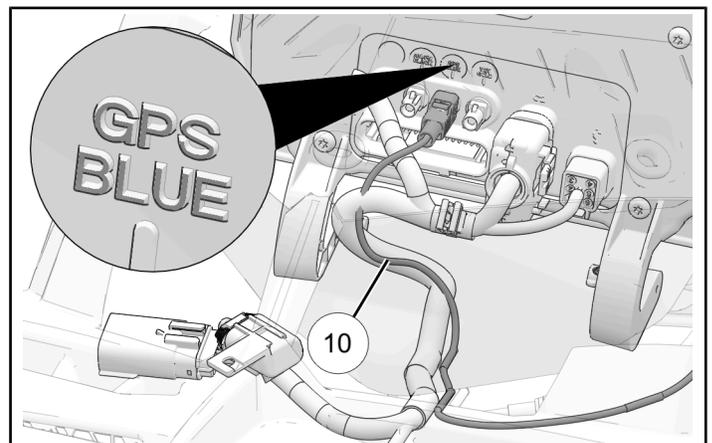
4. If closed, slide the top latch and open the display door.



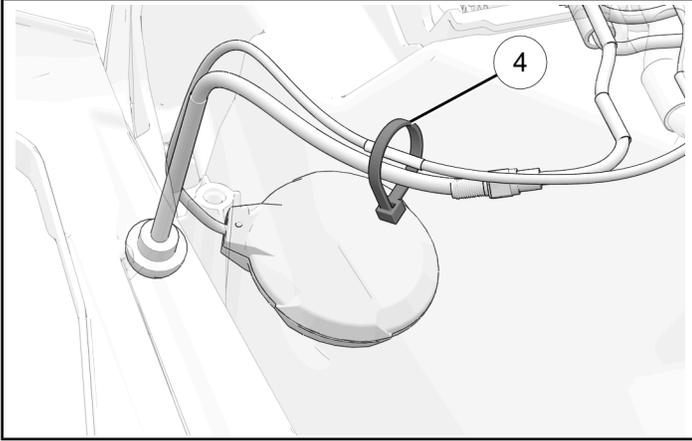
5. Connect the GPS antenna **10** to the display in the location labeled "GPS BLUE".

### NOTICE

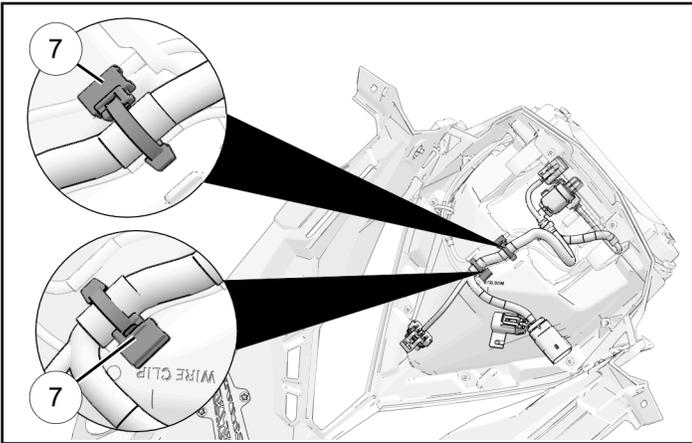
Some components hidden for image clarity.



6. Route V2V and GPS antenna wiring along each other and secure together with cable tie ④ at the locations shown.



7. Secure the two edge clips ⑦ to the tabs on the hood and secure the hood harness at the retention locations with the cable tie portion of the edge clips.



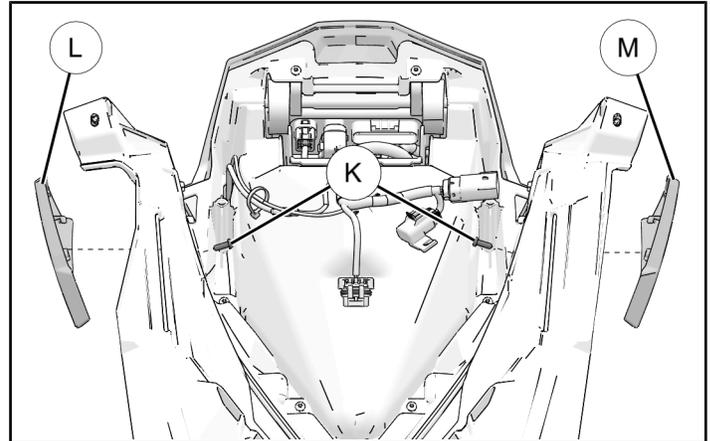
8. Install the LH hood trim ① and RH hood trim ②. Install the two fasteners ③ that secure both hood trim pieces and torque fasteners to specification.

#### NOTICE

Fasteners can be tightened until snug to prevent fastener head embedding into the plastic or stripping.

#### TORQUE

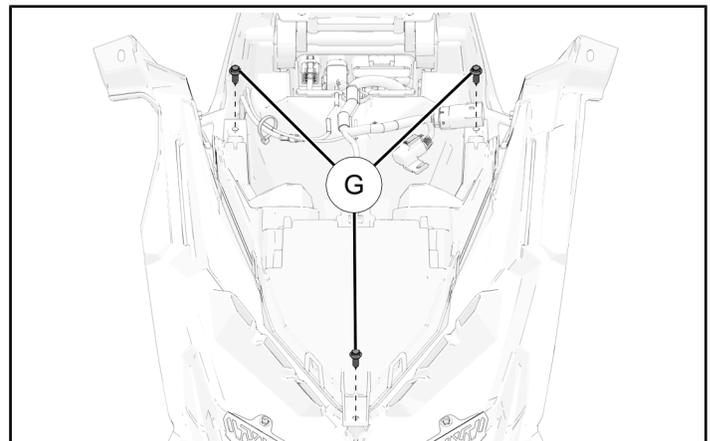
Hood Trim Fasteners:  
**11 in-lbs (1.25 N·m)**



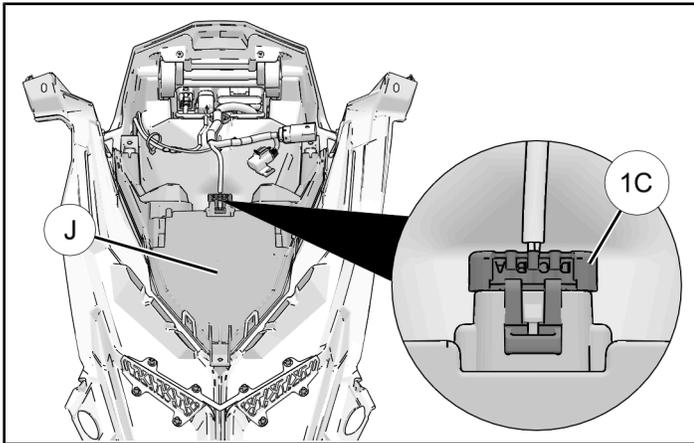
9. Install the headlight and the three fasteners ⑥ that secure the headlight. Torque fasteners to specification.

#### TORQUE

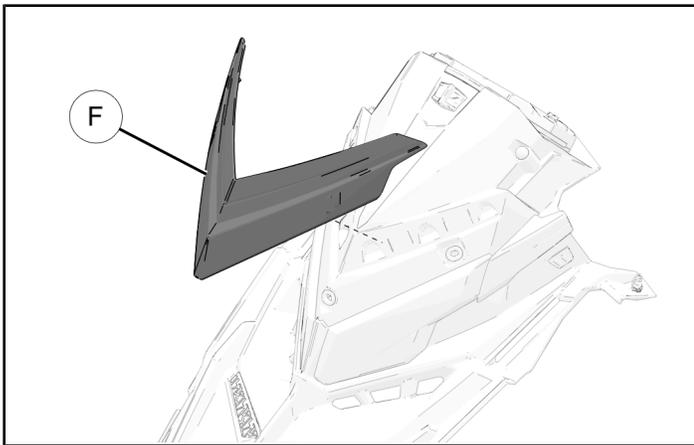
Headlight Fasteners:  
**22 in-lbs (2.5 N·m)**



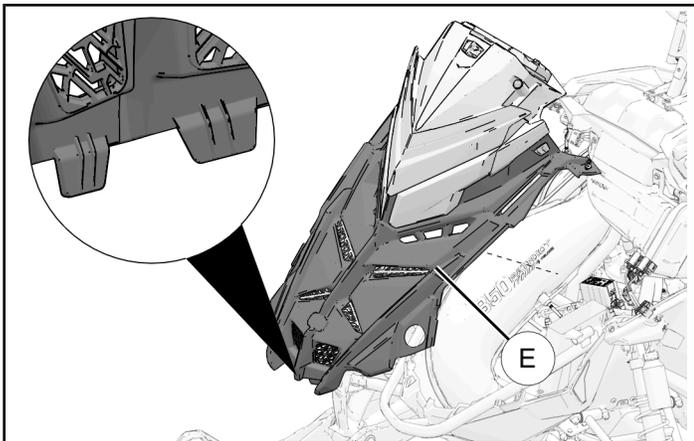
10. Connect the headlight connector **1C** to the headlight **J**.



11. Install the windshield by inserting the windshield pegs into the rubber grommets.



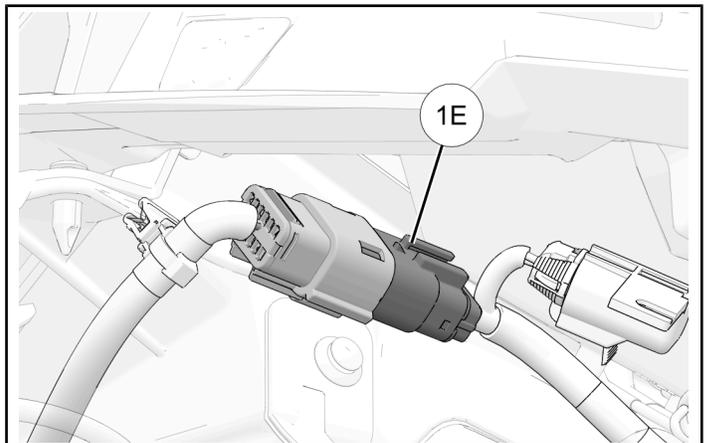
12. Install the hood **E** by inserting the front of the hood into the nosepan.



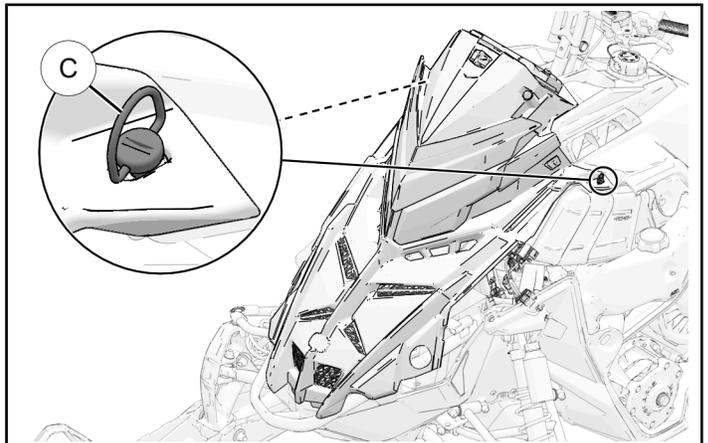
13. Connect the hood harness connector **1E** to the main harness.

**NOTICE**

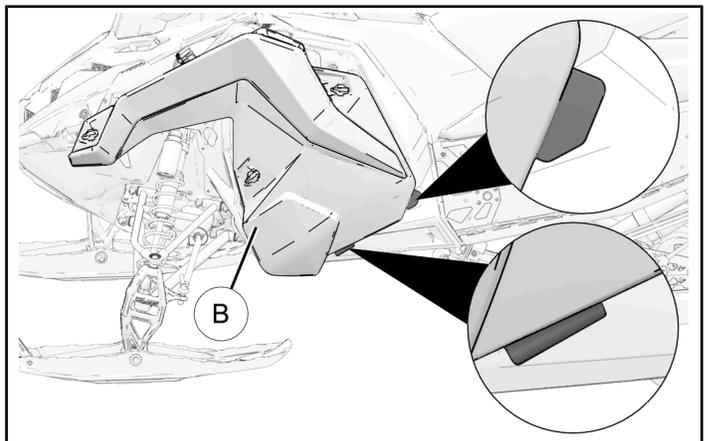
Verify the harness connectors are clean and dry prior to assembly.



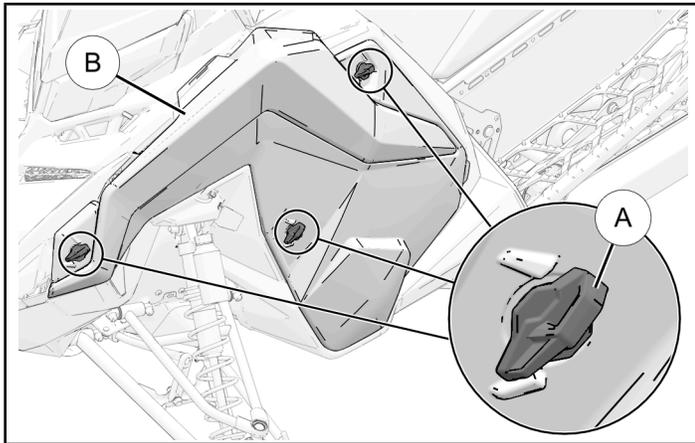
14. Rotate the 1/4 turn fasteners **C** at the rear corners of the hood to secure the rear of the hood to the console.



15. Align the tabs at the bottom of the side panel **B** with the slots in the fender and carefully insert.



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



## OPERATION

Reference the owner's manual for information on display operation.