

# RCA PLUG KIT



P/N 2883824

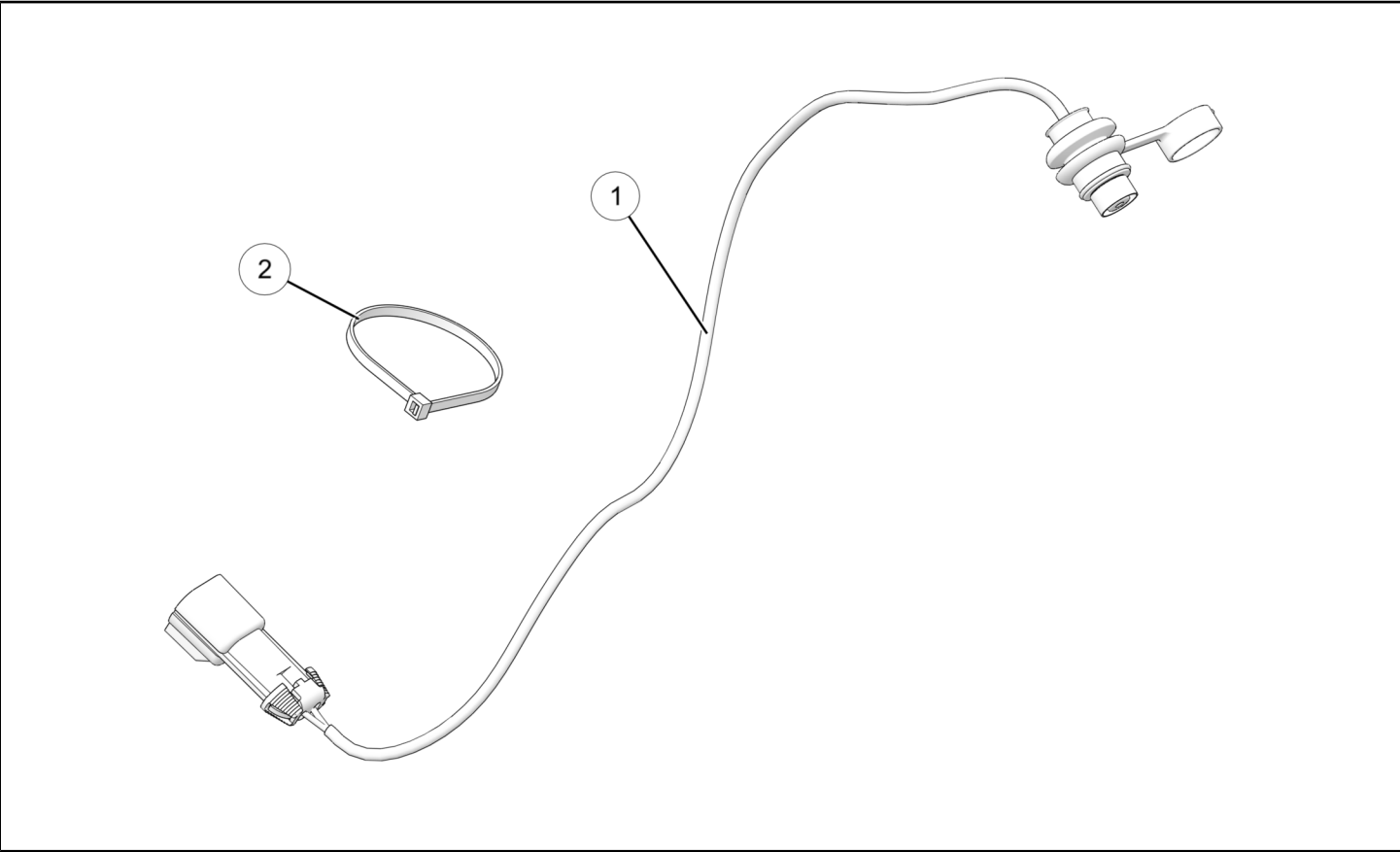
## BEFORE YOU BEGIN

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).

## KIT CONTENTS



REF	QTY	P/N AVAILABLE SEPARATELY	P/N AVAILABLE SEPARATELY
1	1	RCA	2414662
2	1	Cable Tie	7080138

## TOOLS REQUIRED

- Safety Glasses
- Drill
- Hole Saw:
  - 3/4 in (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.

## INSTALLATION INSTRUCTIONS

### VEHICLE PREPARATION

#### GENERAL

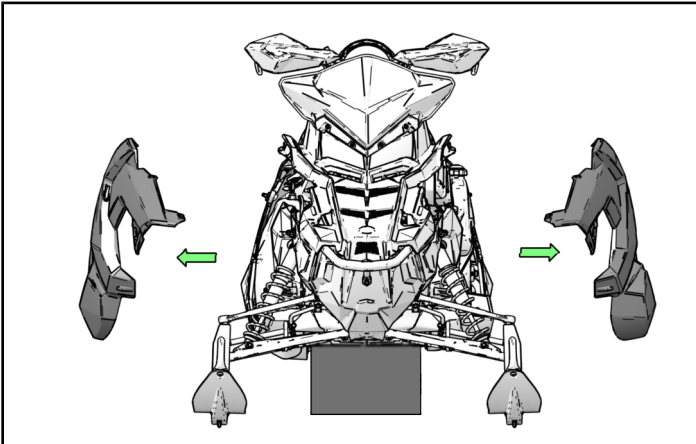
1. Park vehicle on a flat surface.
2. Push engine stop switch to OFF position.
3. Turn key to OFF position and remove key.

#### AXYS MODELS: REMOVE CONSOLE

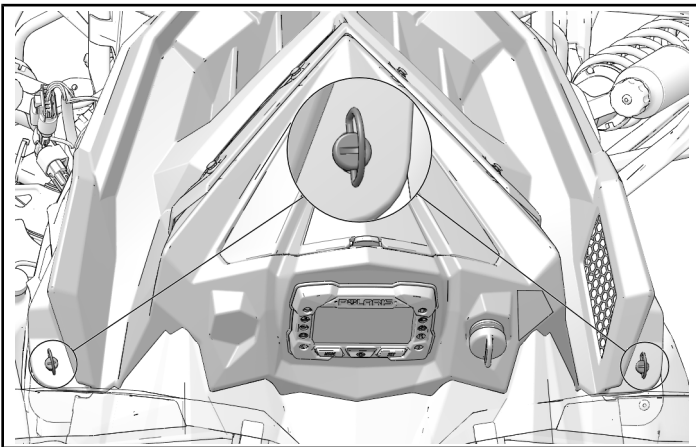
##### IMPORTANT

Protect all finished surfaces during these operations.

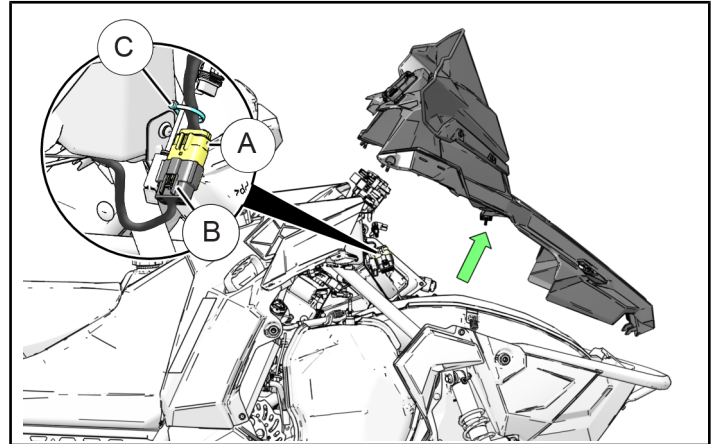
1. Remove side panels as shown in Owner's Manual.



2. Turn two hood latch fasteners at rear corners of hood.



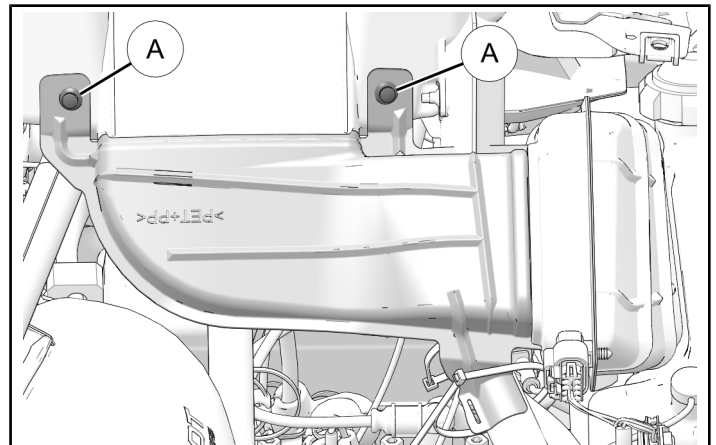
3. Slightly lift rear of hood and disconnect hood harness **A** from main chassis harness **B**. Cut cable tie **C** attaching hood harness to chassis, if applicable.



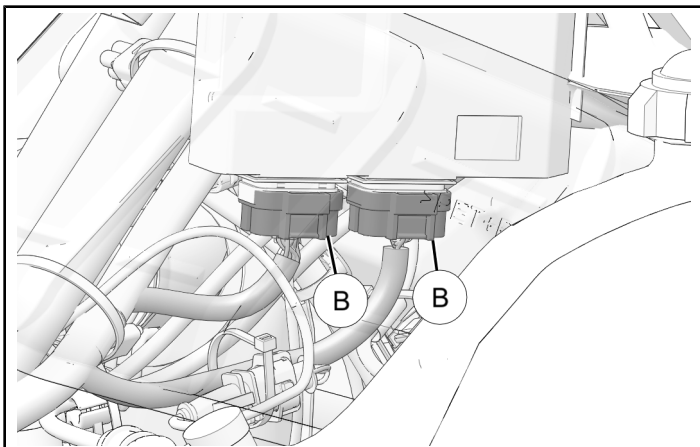
4. Remove hood and carefully set aside.

#### REMOVE UPPER INTAKE PLENUM

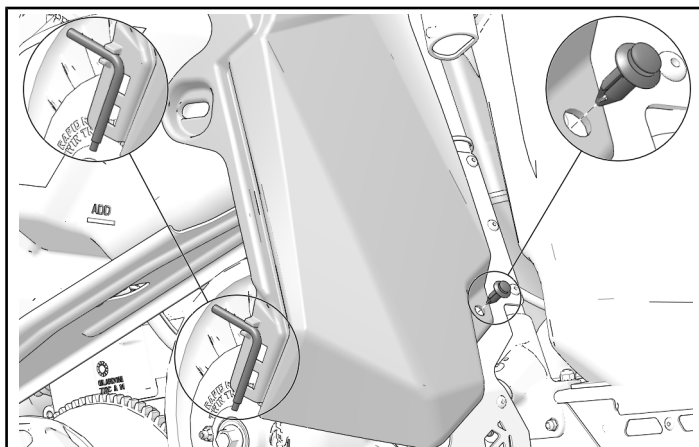
1. Remove and keep two dart clips **A**. Remove and set aside intake tube.



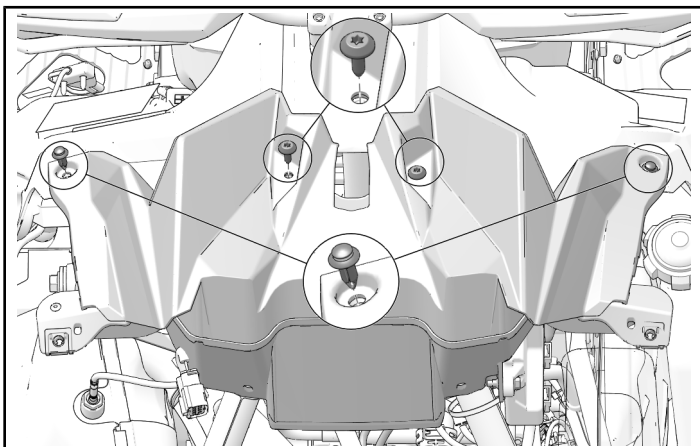
2. Unplug two electrical connectors ② from the ECU.



2. Remove clutch tool and dart clip from left side of console.



3. Remove and keep two screws and two dart clips.



3. Slide console rearward slightly. Disconnect console switch harness from chassis harness.
4. Carefully remove console and set aside.

#### NOTICE

Keep starter rope/handle attached to console.

#### MATRYX MODELS: REMOVE CONSOLE

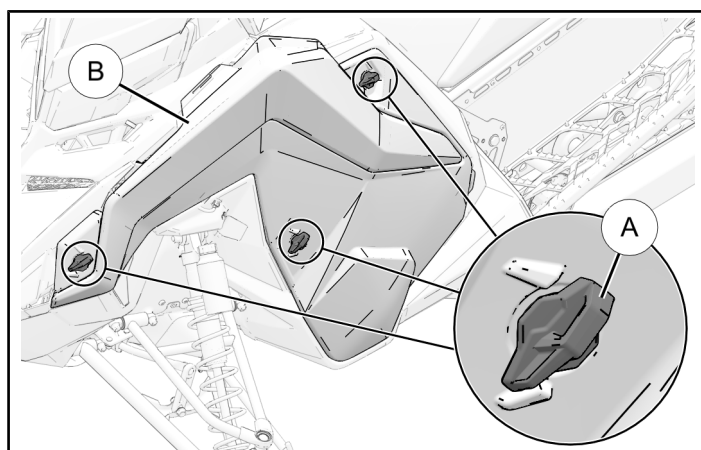
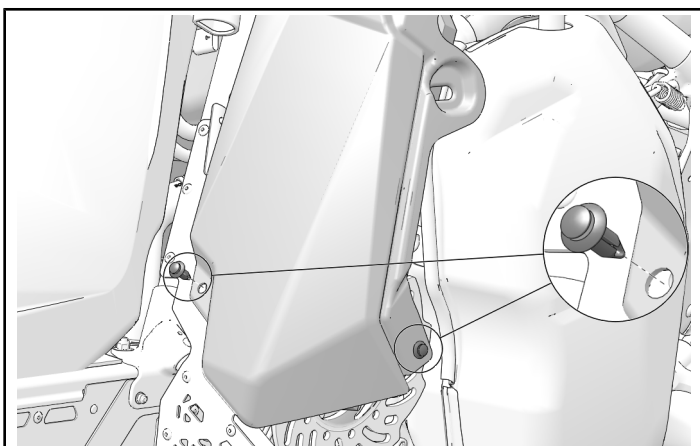
#### IMPORTANT

Protect all finished surfaces during these operations.

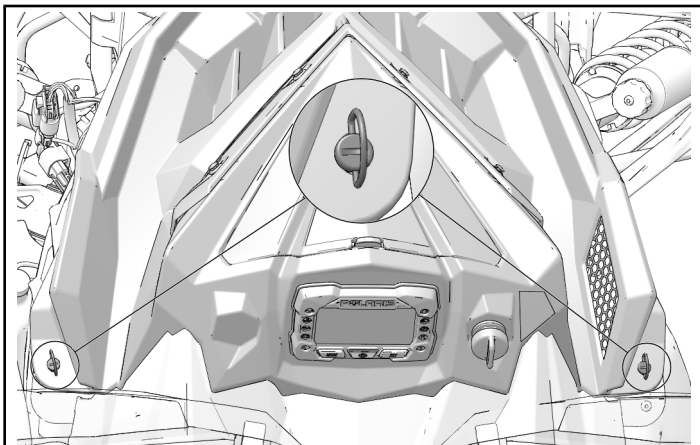
4. Lift off and set aside upper intake plenum.

#### REMOVE CONSOLE

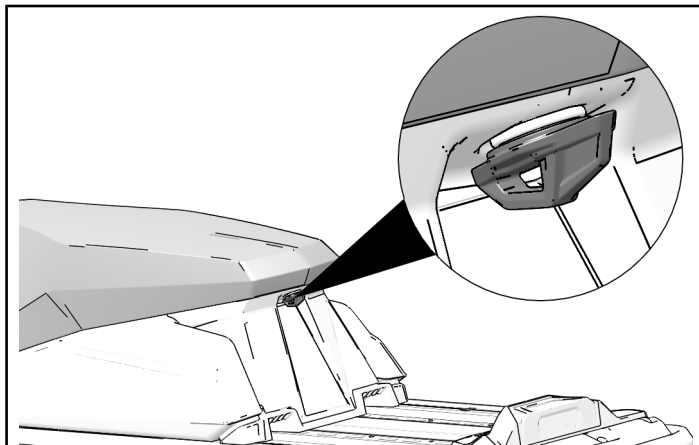
1. Remove two dart clips from right side of console.



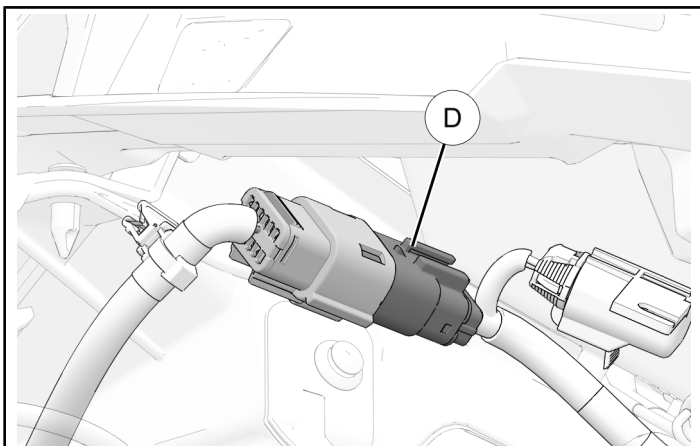
2. Turn the two 1/4 turn fasteners at rear corners of hood.



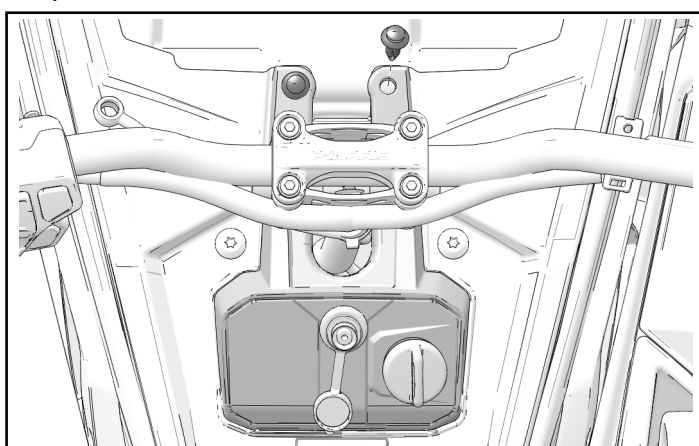
5. Turn the 1/4 turn latch at rear of seat and lift up to remove seat.



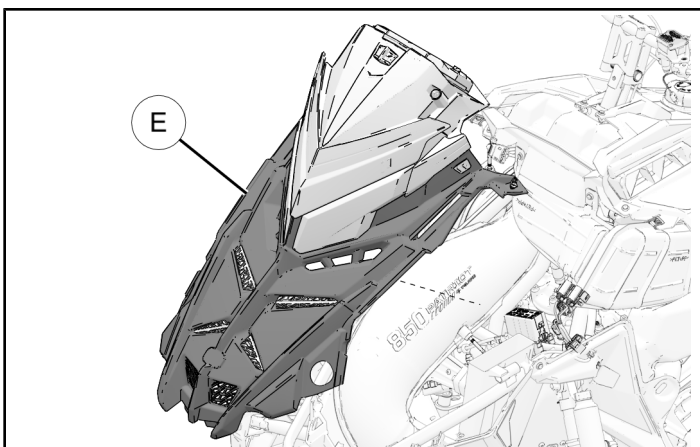
3. Slightly lift rear of hood and disconnect hood harness connector ① from main harness.



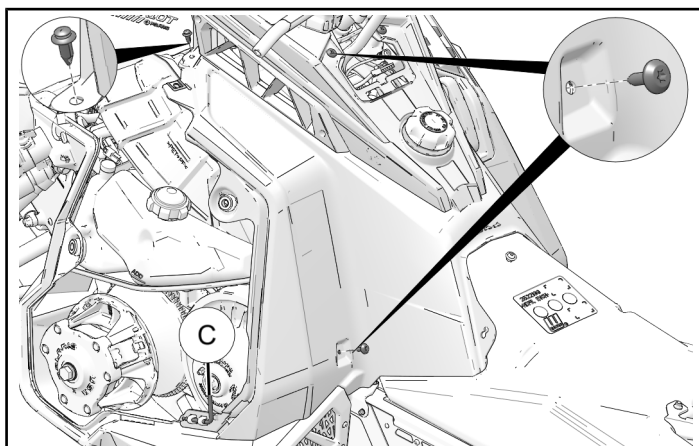
6. Remove and keep two push darts. Lift off switch panel.



4. Remove hood ② and carefully set aside.

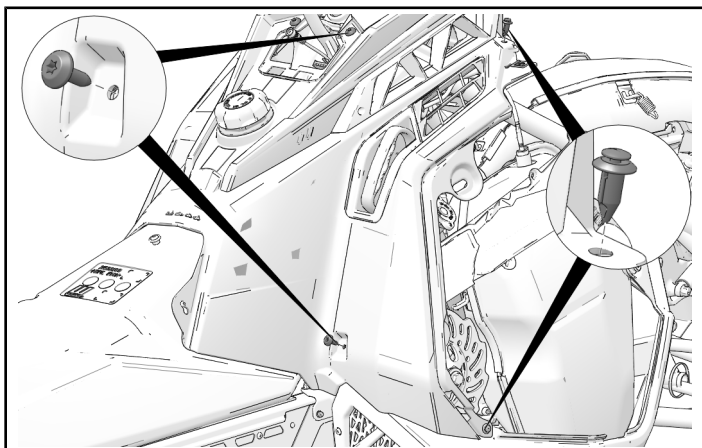


7. Remove and keep one push dart, two screws, and one clutch tool ③ from left side of console.

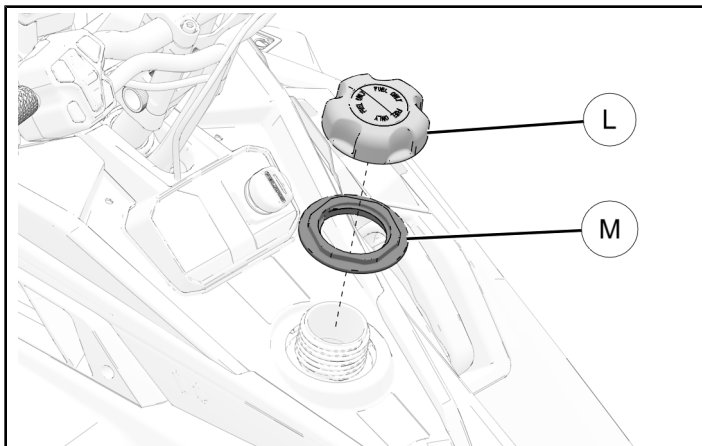




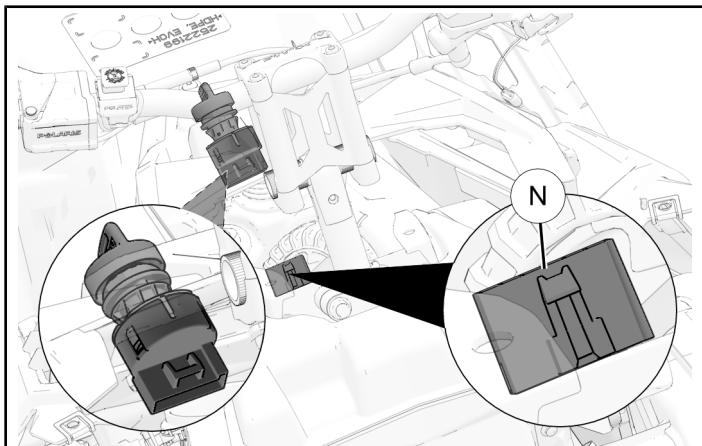
8. Remove and keep two push darts and two screws from right side of console.



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



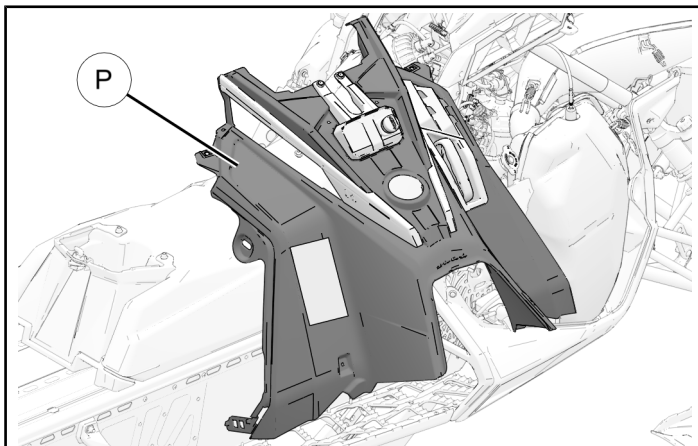
10. Lift up center of console and disconnect key switch connector (N) from key switch.



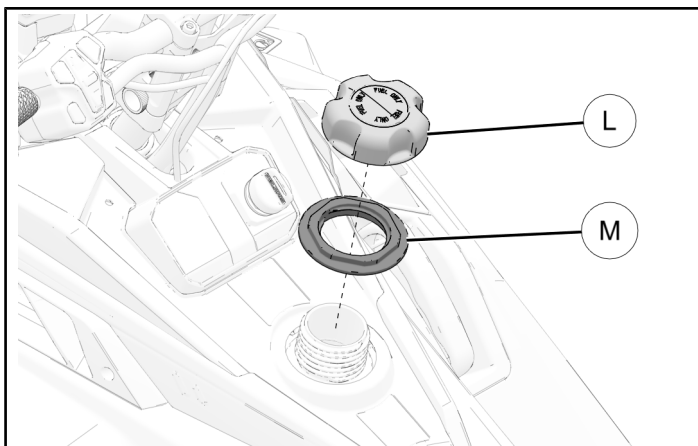
11. Carefully remove console (P) and set aside.

**NOTICE**

Keep starter rope/handle attached to console.



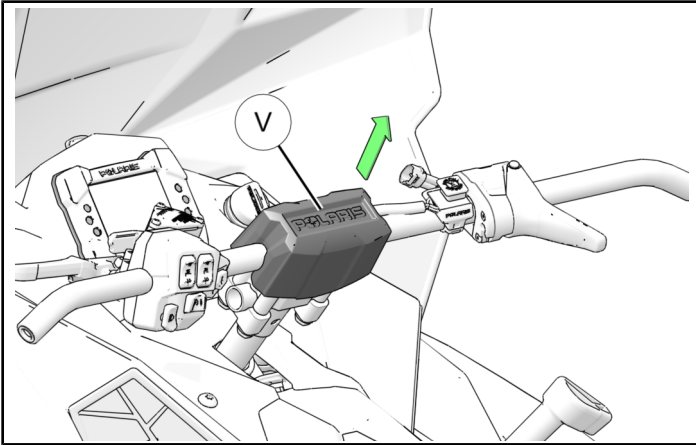
12. Reinstall plastic fuel filler neck nut (M) fuel cap (L).



## ACCESSORY INSTALLATION

### REMOVE HANDLEBAR COVER: TRAIL PERFORMANCE/TITAN MODELS – OPTIONAL INSTALLATION LOCATION

1. Firmly pull upward on lower edges of handlebar cover ⑤ to remove.



### DRILL MOUNTING HOLE

#### ⚠ CAUTION

Reposition and shield ALL electrical wires, connectors, and underlying components 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.

1. Select template.

#### IMPORTANT

Templates are provided at the end of the instructions. Be sure to select the correct one for your snowmobile.

2. Verify the reference dimension is exactly 4 in (10.16 cm).

#### IMPORTANT

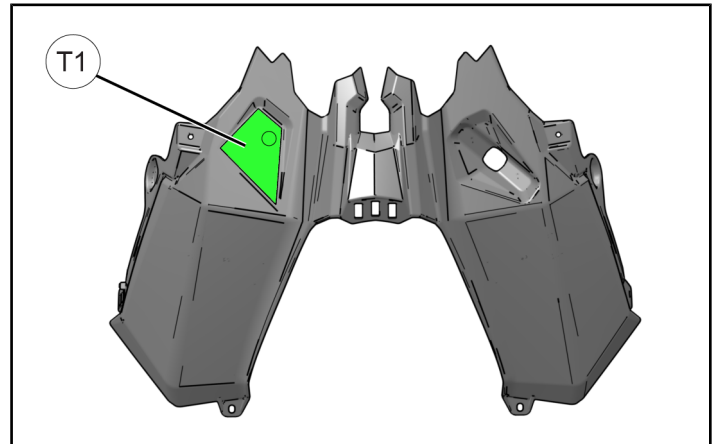
If the measurement is not exactly 4 in (10.16 cm), reprint template using print setting “**Actual Size**” (not “Fit”) to get 1:1 scale.

#### NOTICE

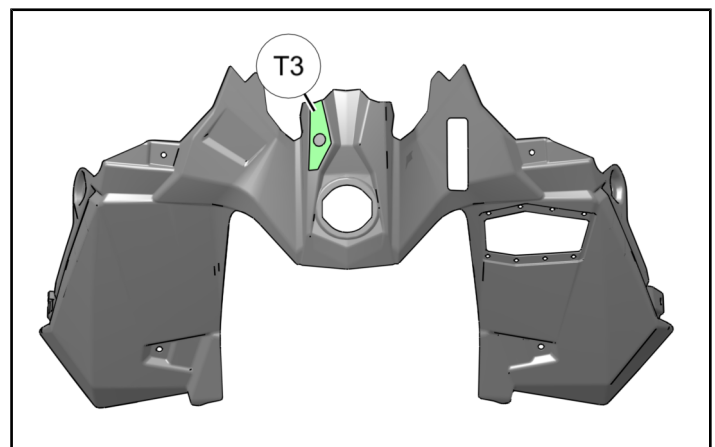
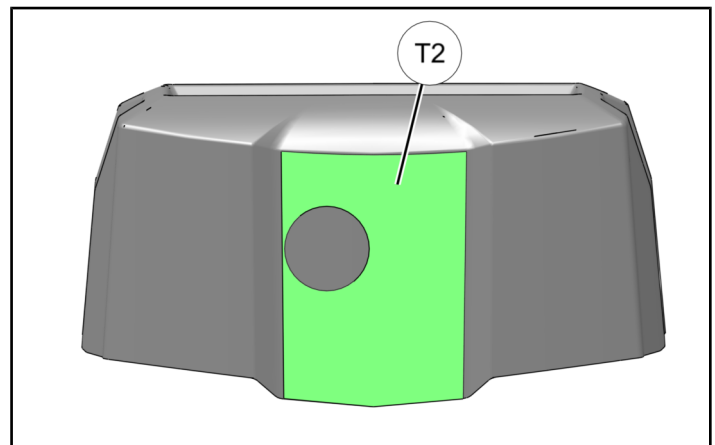
Vehicle hidden for clarity of images.

3. Cut out template and tape to console in location shown.

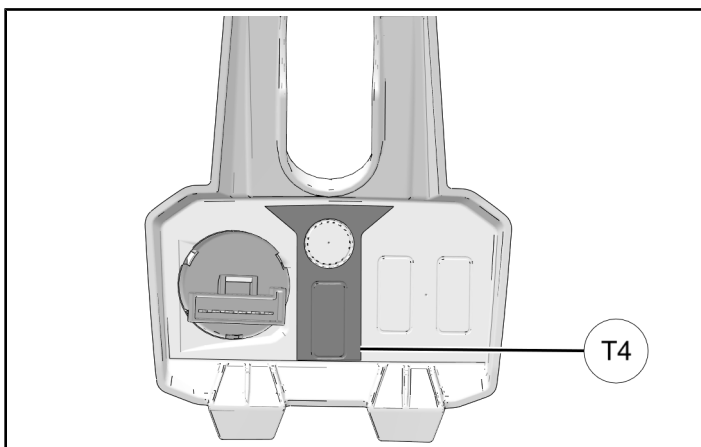
- **Axys RMK:** Template T1



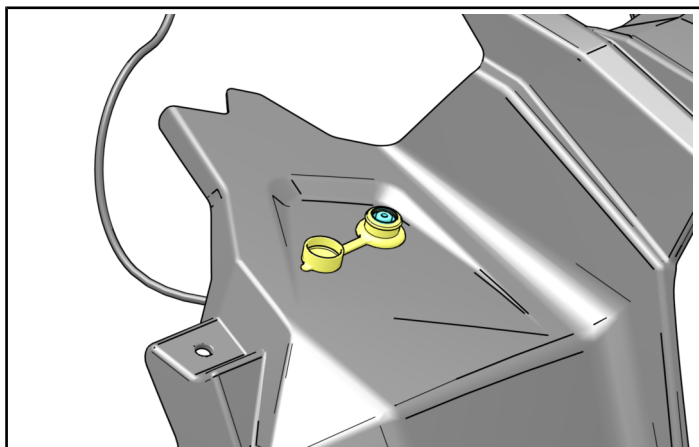
- **Axys Trail Performance / Titan:** Template T2 for handlebar cover mounting OR Template T3 for console mounting



- **Matryx:** Template T4 and the switch panel has an embossed circle to help orient the template.



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



4. Use a center punch or equivalent to mark the center of hole.
5. Drill the 3/4 in (19 mm) hole.

### INSTALL RCA POWER PLUG

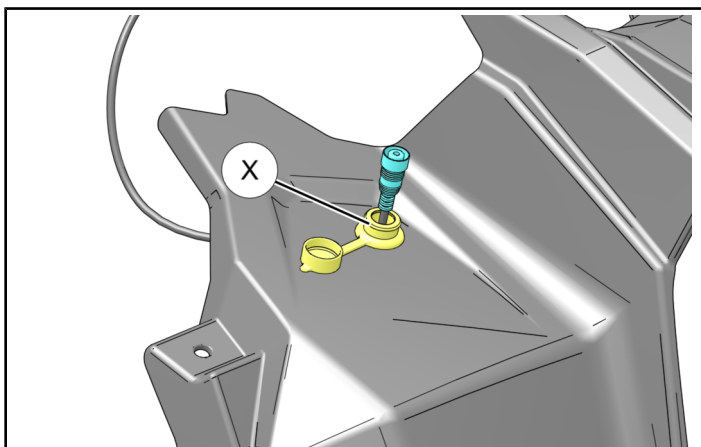
#### NOTICE

Axys RMK shown, other models similar.

1. Move rubber grommet ⓧ on RCA plug away from the end, as shown. Insert plug assembly into hole.

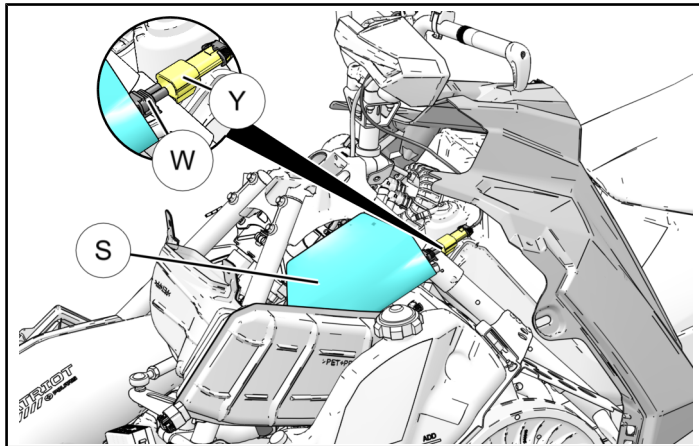
#### NOTICE

Push/pull rubber grommet into position to make sure it is fully seated.

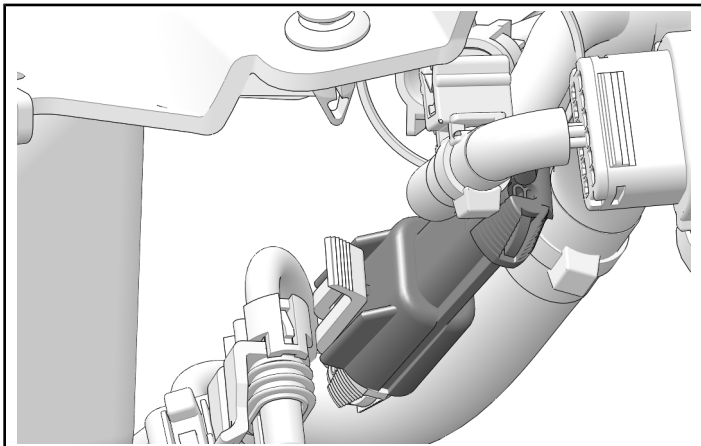


3. **Axys models:** Connect RCA power wire connector Ⓨ to vehicle harness connector Ⓜ in fabric bag.

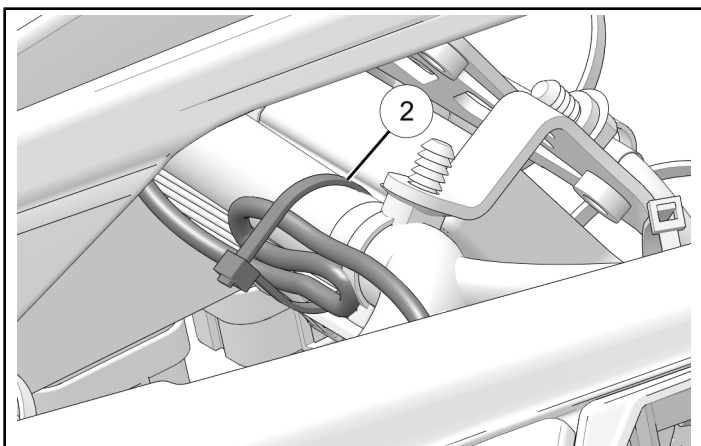
- **Handlebar Mounting:** Put RCA power wire through handlebar from back to front. Firmly press down on top of cover until it is fully seated. Do not pinch power wire when replacing cover.
- Put remaining wire down handlebar electrical harness to vehicle harness connector Ⓜ.
- Attach RCA power wire to handlebar electrical harness with cable ties.



4. **Matryx models:** Connect RCA power wire connector to vehicle harness connector. Vehicle connector will be labelled "RCA plug."



5. Use one cable tie ② to bundle extra length of RCA power wire and attach to main vehicle harness.



## VEHICLE REASSEMBLY

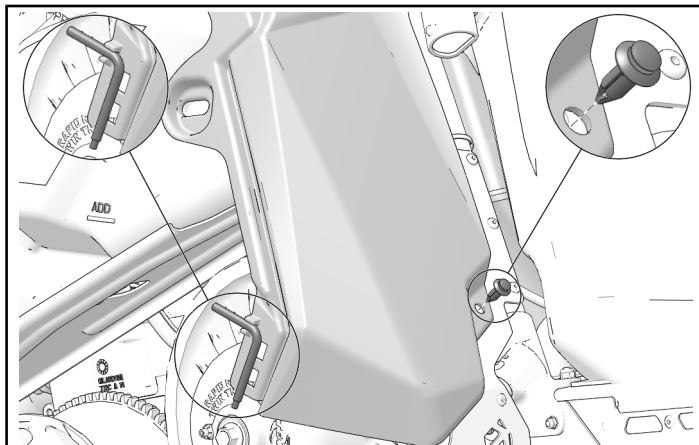
### GENERAL

### AXYS MODELS: REINSTALL CONSOLE

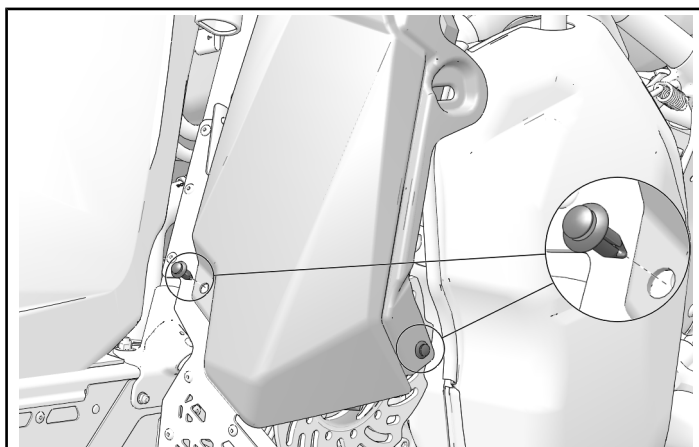
#### REINSTALL CONSOLE

1. Put console in place. Connect console switch harness to chassis harness.

2. Install clutch tool and dart clip on left side of console.



3. Install two dart clips on right side of console.



#### REINSTALL UPPER INTAKE PLENUM

##### NOTICE

Be careful to not damage the intake screen while installing.

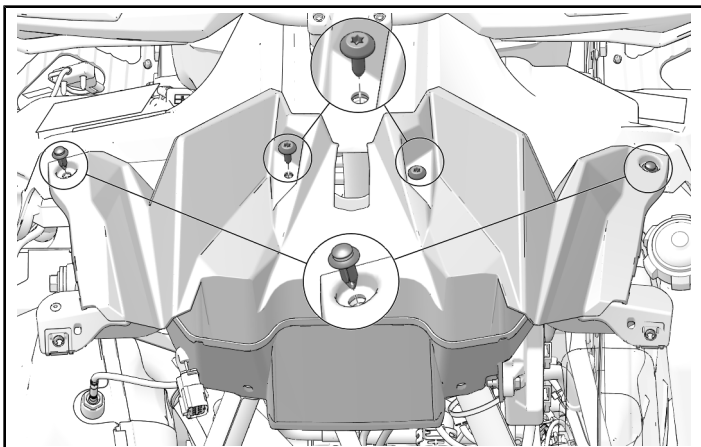
1. Put upper intake plenum in position and make sure console tabs are fully engaged into slots on underside of plenum.



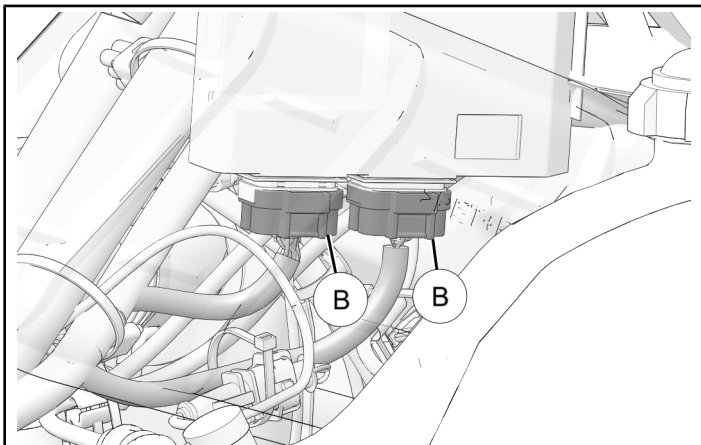
2. Install two screws and two dart clips. Torque screws to specification.

#### TORQUE

Upper Intake Plenum Screws:  
**7 ft-lbs (10 N·m)**



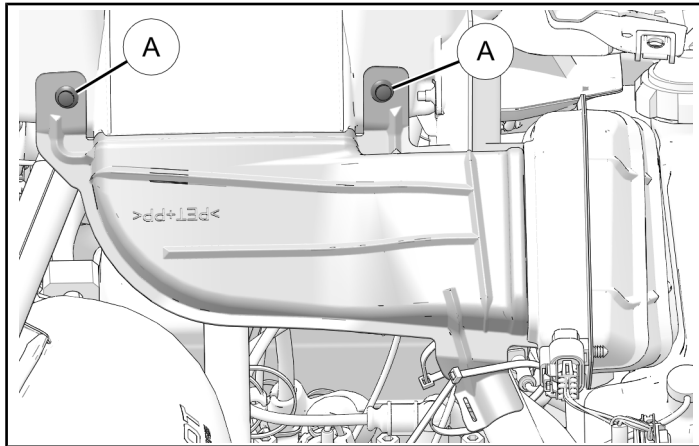
3. Connect two electrical connectors ② to the ECU.



4. Put intake tube into position and attach with two dart clips ①.

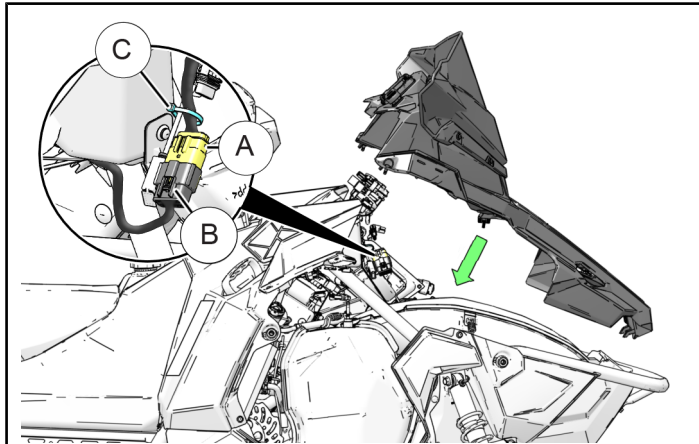
#### IMPORTANT

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



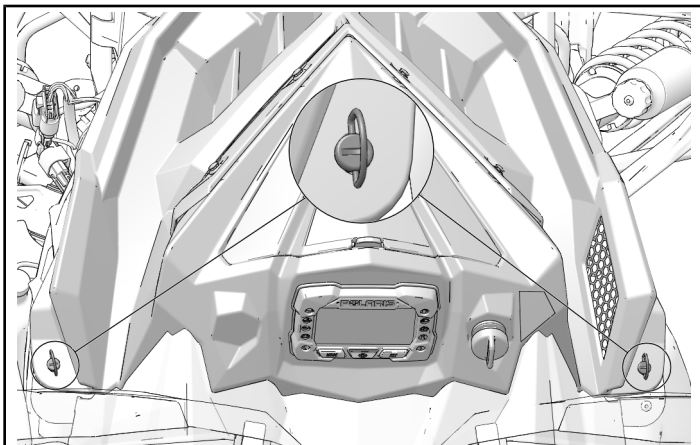
#### REINSTALL SIDE PANELS AND HOOD

1. Put hood in place and connect hood harness ① to main chassis harness ②. Use a new cable tie ③ to attach hood harness to chassis, if one was removed.

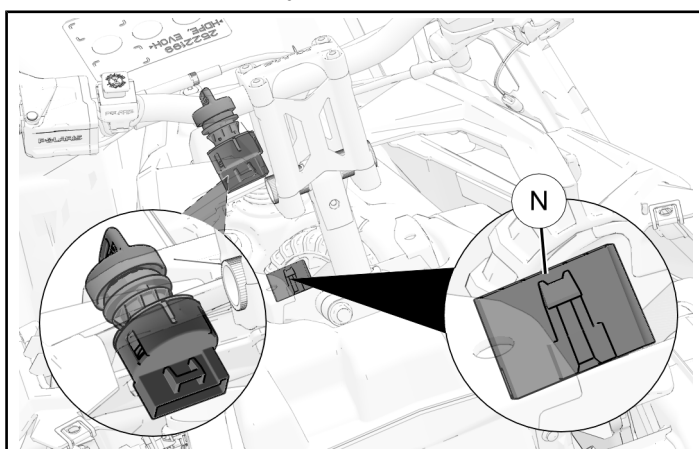




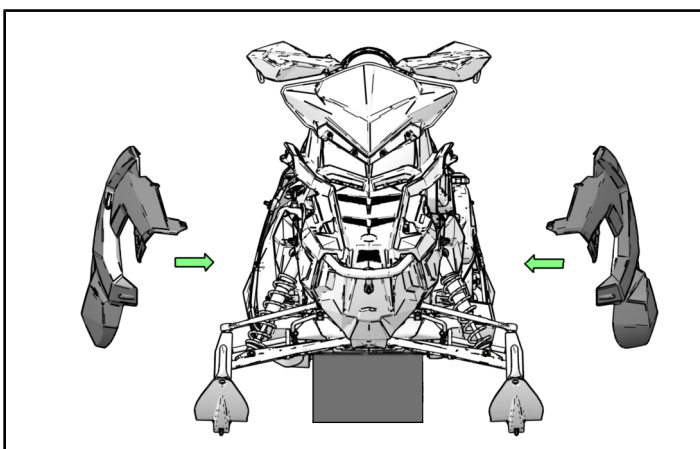
2. Turn two hood latch fasteners at rear corners of hood.



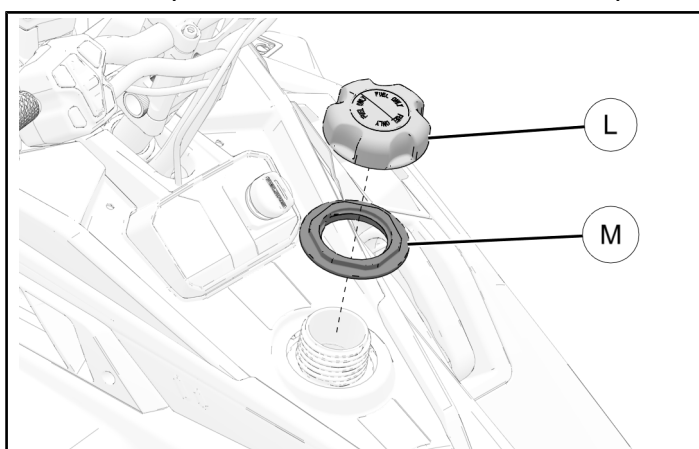
2. Put console in place. Connect key switch connector (N) to key switch.



3. Install side panels as shown in Owner's Manual.



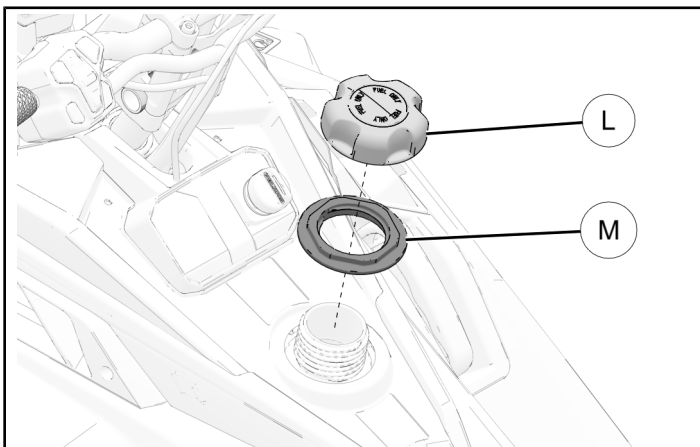
3. Reinstall plastic fuel filler neck nut (M) fuel cap (L).



## **MATRYX MODELS: REINSTALL CONSOLE**

### **REINSTALL CONSOLE AND SWITCH PANEL**

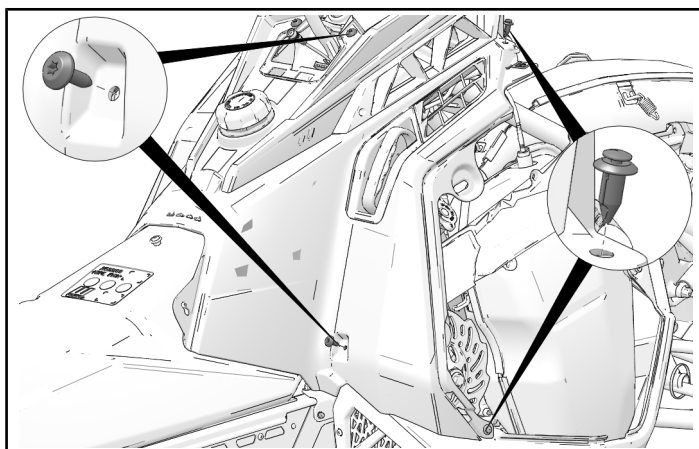
1. Remove fuel cap (L) and plastic fuel filler neck nut (M).



4. Install two push darts and two screws on right side of console. Torque screws to specification.

### **TORQUE**

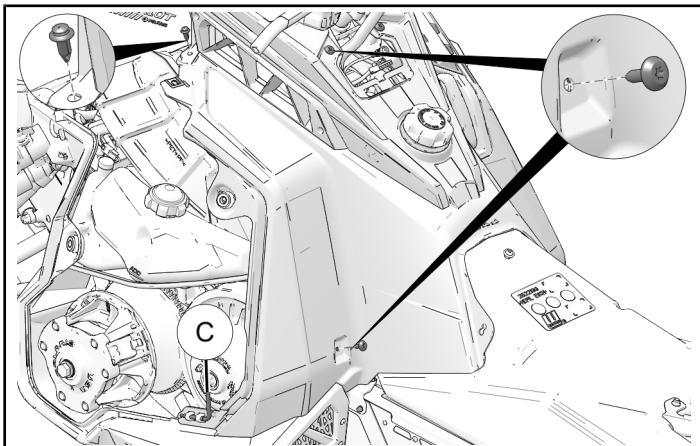
Console Screws:  
70 in-lbs (8 N·m)



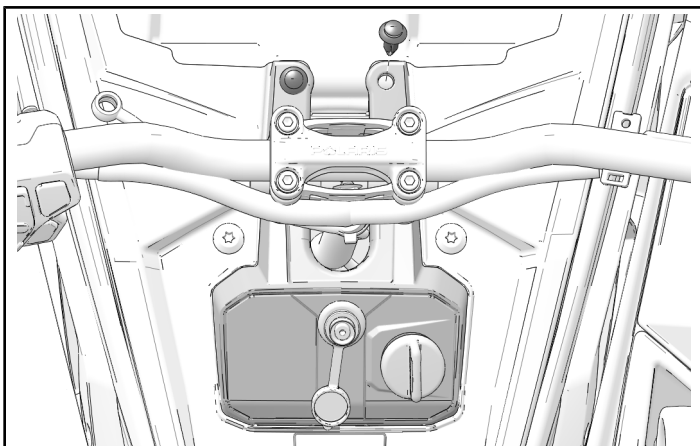
5. Install one push dart, two screws, and one clutch tool © on left side of console. Torque screws to specification.

#### TORQUE

Console Screws:  
70 in-lbs (8 N·m)

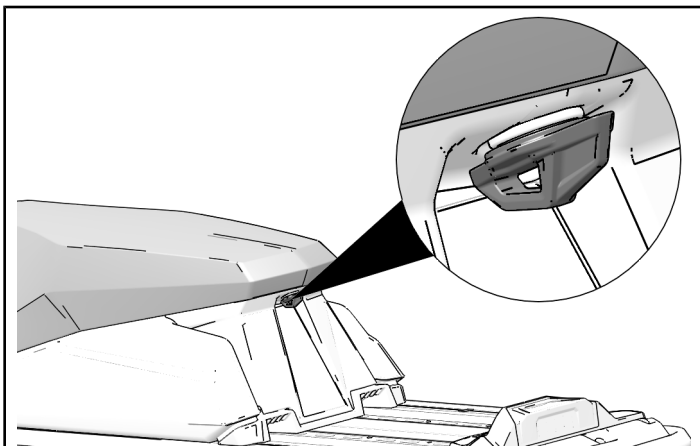


6. Set switch panel in place. Install two push darts.

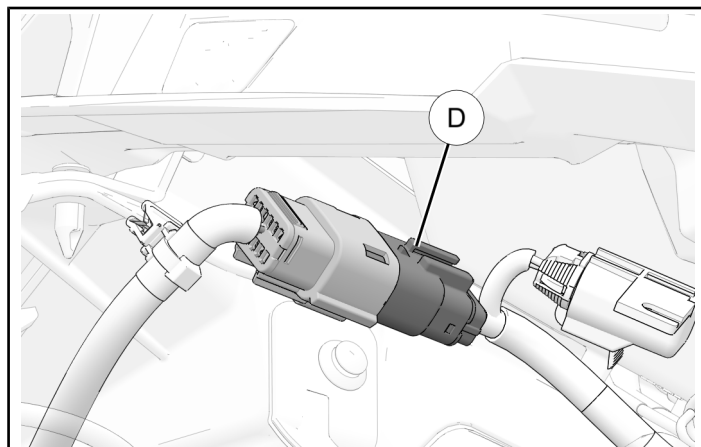


#### REINSTALL SIDE PANELS AND HOOD

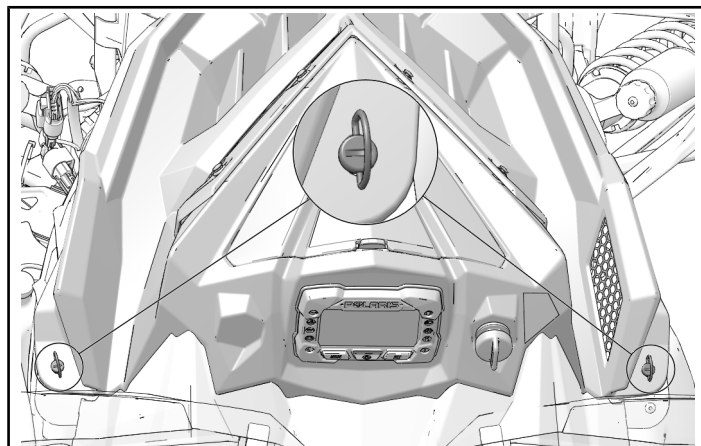
1. Put seat in place and turn 1/4 turn latch.



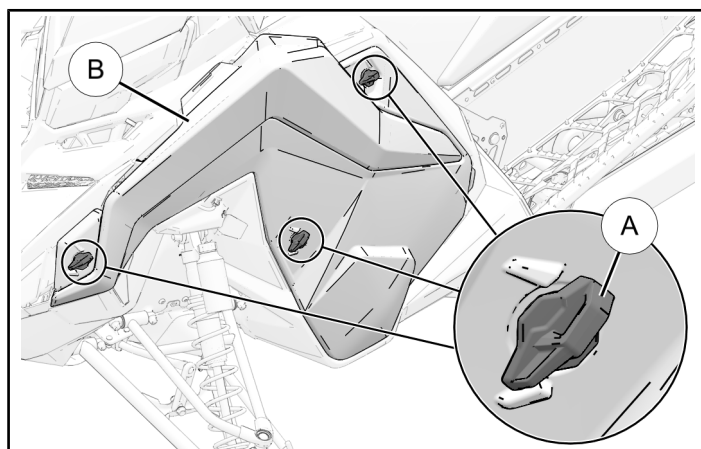
2. Connect hood harness connector (D) to main harness.



3. Put hood in place and turn two 1/4 turn fasteners at rear corners of hood.



4. Install left hand side panel (B) by inserting bottom tabs, setting panel in place, and turning three 1/4 turn latches (A). Repeat to install right hand side panel.



## 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.



TEMPLATES

