

SEAT HEATER KIT



P/N 2882905

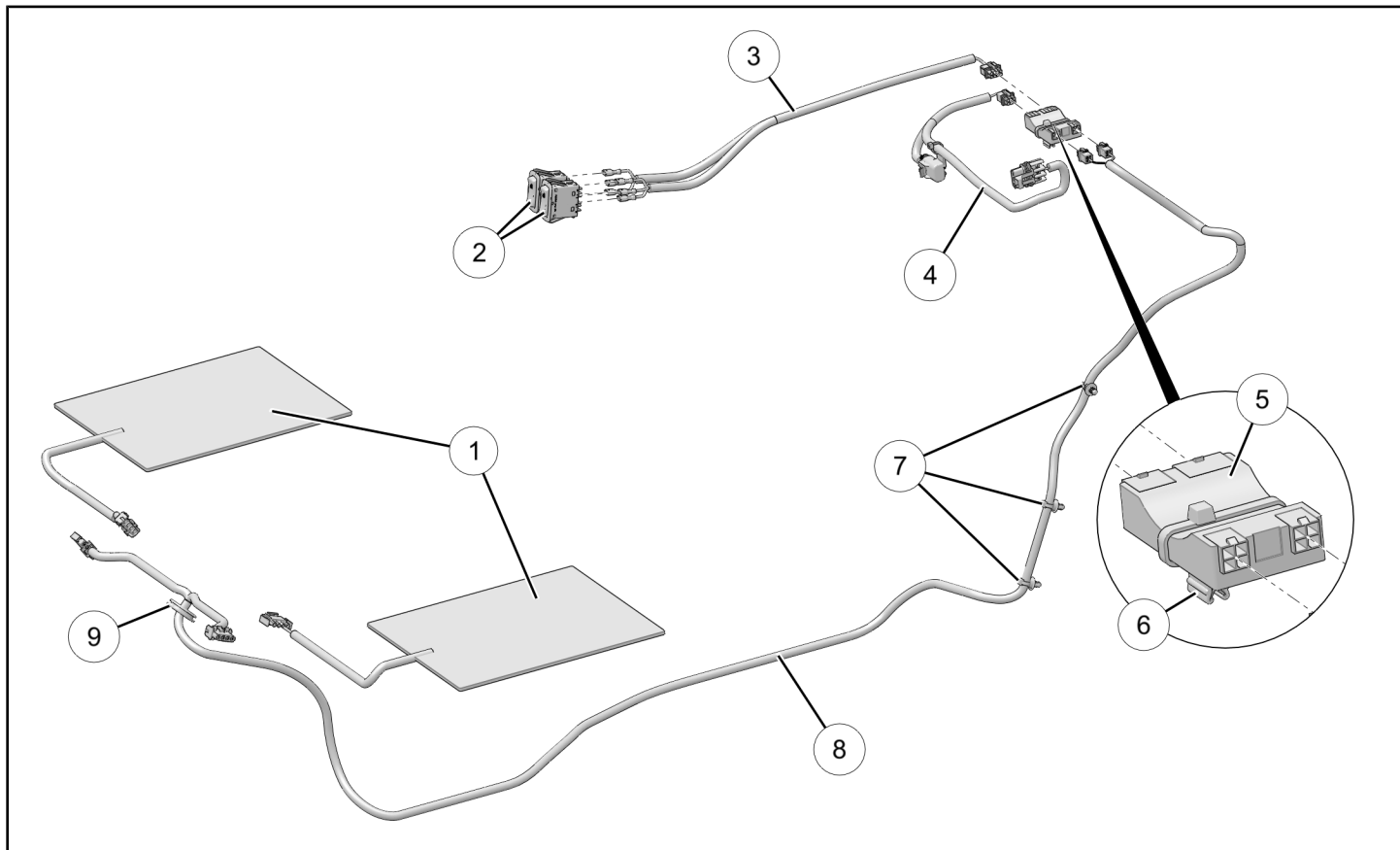
APPLICATION

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



REF	QTY	PART DESCRIPTION	PART NUMBER
1	2	Heating Element, Seat	2412575
2	2	Switch	4017132
3	1	Harness, Switch	2412959
4	1	Harness, Power	2414314
5	1	Controller	4015080
6	1	Edge Clip (with cable tie)	7082427
7	3	Routing Clip	7081496
8	1	Harness, Heater Element	2412574
9	1	Grommet	-

REF	QTY	PART DESCRIPTION	PART NUMBER
10	4	Cable Tie	7080138
	1	Instructions	9928572

TOOLS REQUIRED

- Safety Glasses
- Cutting Tool
- Deburring Tool
- Hole Saw: 1.25 inch (32 mm)
- Pliers, Push Pin Rivet
- Pliers, Side Cutting
- Screwdriver Set, Torx®
- Staple Gun, Upholstery (electric or pneumatic, extended nose)
- Socket Set, Metric
- Wrench Set, Metric

CONSUMABLES REQUIRED

- Staples, Upholstery, Stainless Steel - 3/8 inch (10 mm)

IMPORTANT

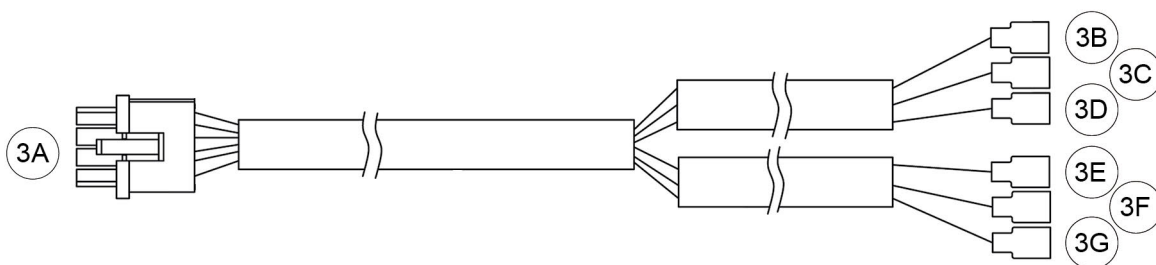
Your Seat Heater Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly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

ASSEMBLY TIME

Approximately 3–4 hours

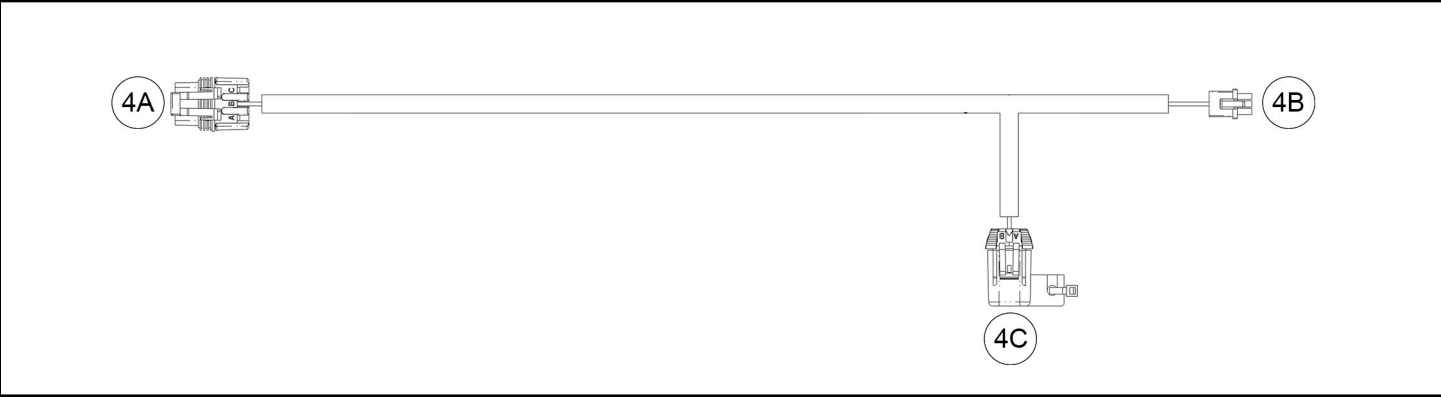
HARNESS DETAIL

SWITCH HARNESS ③:



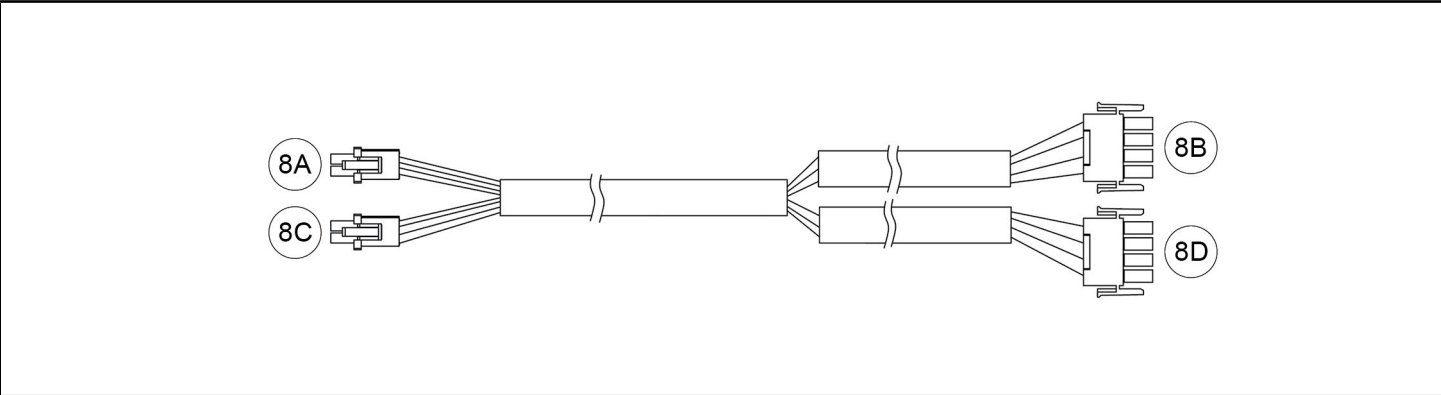
REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
3A	Connector, Switch	-	8 female	Controller ⑤, 8-pin connector (identified as 5)
3B	Terminal, Spade (1/4 inch), Switch	Red	1 female	Switch ② (driver), terminal 2
3C	Terminal, Spade (1/4 inch), Switch	Brown	1 female	Switch ② (driver), terminal 4
3D	Terminal, Spade (1/4 inch), Switch	Orange	1 female	Switch ② (driver), terminal 9
3E	Terminal, Spade (1/4 inch), Switch	Blue	1 female	Switch ② (passenger), terminal 2
3F	Terminal, Spade (1/4 inch), Switch	Green	1 female	Switch ② (passenger), terminal 4
3G	Terminal, Spade (1/4 inch), Switch	Gray	1 female	Switch ② (passenger), terminal 9

POWER HARNESS ④:



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
4A	Connector, Terminal Block	-	3 female	Vehicle terminal block
4B	Connector, Power	-	6 female	Controller ⑤, 6–pin connector (identified as 4)
4C	Fuse Block	-	-	Nothing (secured to itself using integral cable tie)

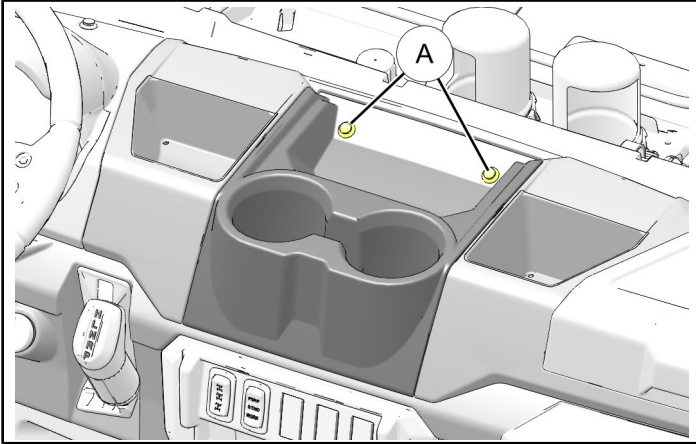
HEATING ELEMENT HARNESS ⑧:



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
8A	Connector, Controller	Brown, Yellow, Red, Orange	4 female	Controller ⑤, 4–pin connector (identified as 1)
8B	Connector, Heating Element		4 female	Seat heating element ①
8C	Connector, Controller	Green, Gray, Blue, Purple	4 female	Controller ⑤, 4–pin connector (identified as 3)
8D	Connector, Heating Element		4 female	Seat heating element ①

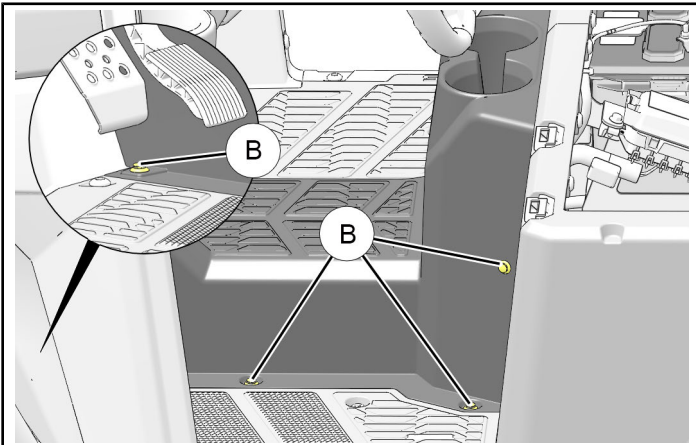
INSTALLATION INSTRUCTIONS

1. Shift vehicle transmission into "PARK". Turn ignition switch to "OFF" position and remove key.
2. Flip up driver and passenger seat bottoms, remove center underseat storage compartment, then disconnect black negative (-) cable from battery.
3. Gain access.
 - a. Remove hood.
 - b. Remove upper dash cupholder by removing two push pin rivets (A), then slide cupholder rearward. Retain rivets.



- c. Remove four push pin rivets (B) from each side of center floor console. Retain rivets.

Lift back of console, disengage tab at front of console, then remove console from vehicle.



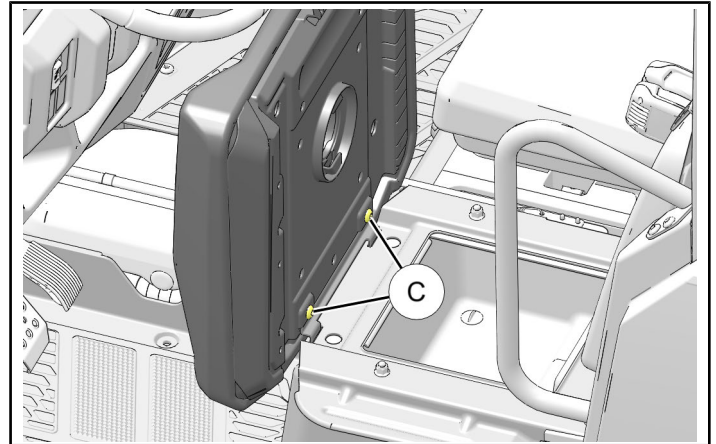
4. Install seat heating elements.

IMPORTANT

Polaris recommends use of UPHOLSTERY staple gun (electric or pneumatic, extended nose), not general purpose staple gun.

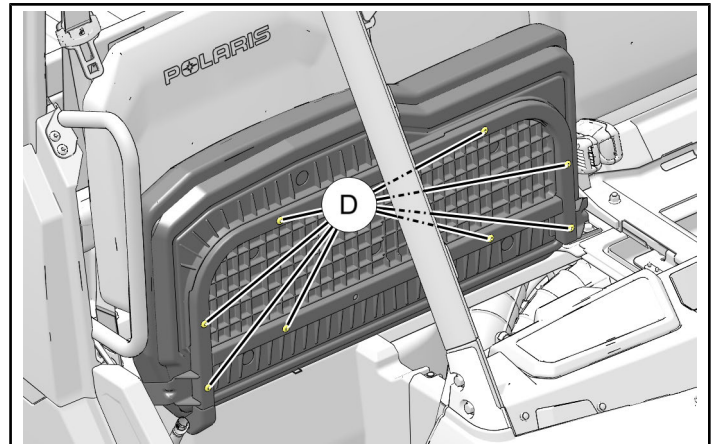
- a. Remove seat bottom from vehicle.

DRIVER SIDE, SLIDING: Flip seat forward, then remove two screws (C) securing seat bottom to hinge bracket. Place seat bottom on protective surface. Retain screws and hinge bracket.



DRIVER SIDE, NON-SLIDING: Remove seat bottom and set aside.

PASSENGER SIDE: Flip seat rearward, then remove eight screws (D) securing seat bottom to frame. Place seat bottom on protective surface. Retain screws.



b. Detach seat cover.

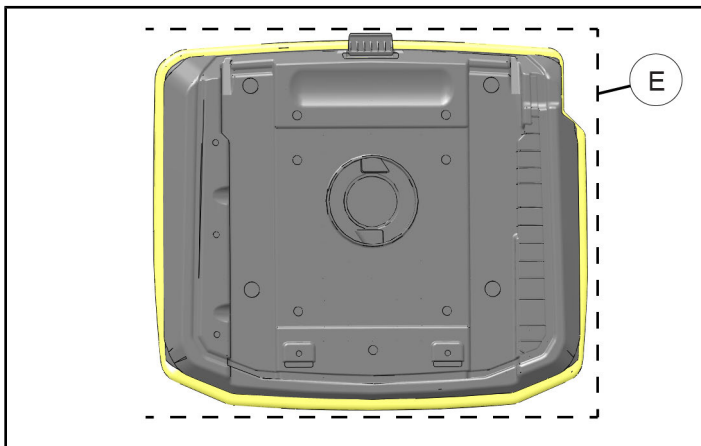
TIP

Remove only enough staples to peel back cover and expose upper surface of foam cushion. Do not remove staples from more than three sides of cover to facilitate reinstallation.

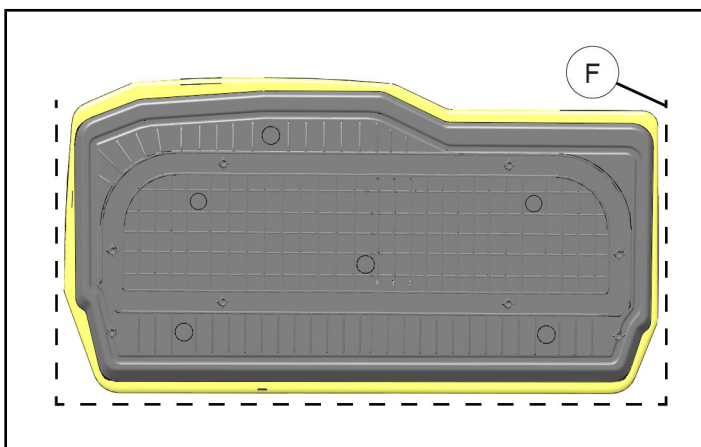
NOTE

Staples may be hidden beneath cover edge flaps.

DRIVER SIDE: Remove seat cover staples from front, rear, and inboard sides (E) as required. Do not remove staples from outboard side.



PASSENGER SIDE: Remove seat cover staples from rear, inboard, and outboard sides (F) as required. Do not remove staples from front side.



c. Orient heating element ① so electrical harness exits REAR side of foam cushion, remove adhesive backing from FRONT edge of element, then gradually press element into cushion as remainder of backing is peeled away.

⚠ WARNING

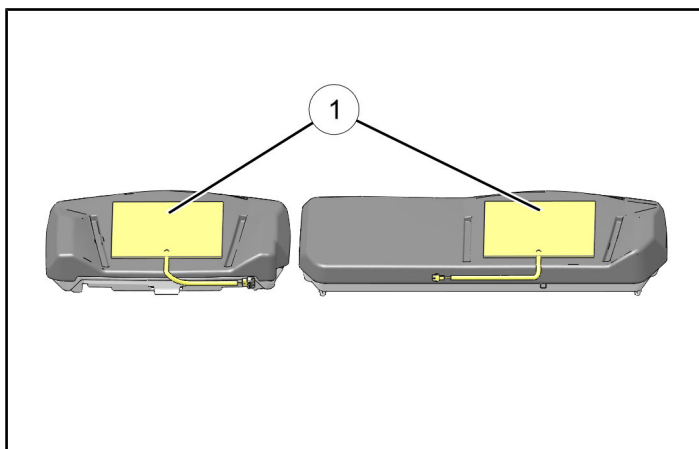
Heating element must not be wrinkled or folded back on itself, and adhesive backing must be completely removed. Failure to comply may result in fire, resulting in serious personal injury or death.

Ensure the following:

- Element is not wrinkled or folded back on itself
- Adhesive backing is completely removed at end of this step

NOTE

View looking forward.



d. Re-attach seat cover.

⚠ WARNING

Ensure staples do NOT pass through electrical harness. Stapling through harness may cause electrical short and fire, resulting in serious personal injury or death.

CAUTION

Avoid repositioning and re-stapling cover multiple times to plastic seat pan. Excessive staple holes in cover and/or pan may reduce material strength and retention ability.

- Stretch cover from ATTACHED side across to OPPOSITE (unattached) side, then secure using only a few staples placed in middle of that side.
- Stretch cover to each remaining side and secure in middle. Ensure staples do NOT pass through electrical harness.
- Secure remainder of cover, starting from middle of each side and working towards corners.

5. Install switches and switch harness.

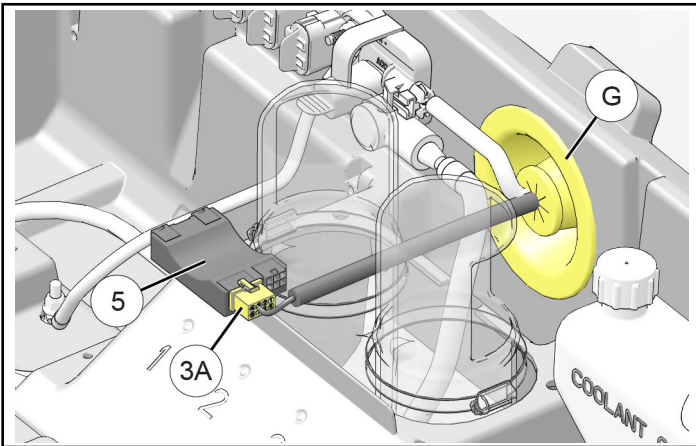
NOTE

See previous section, **HARNESS DETAIL**, for connector identification.

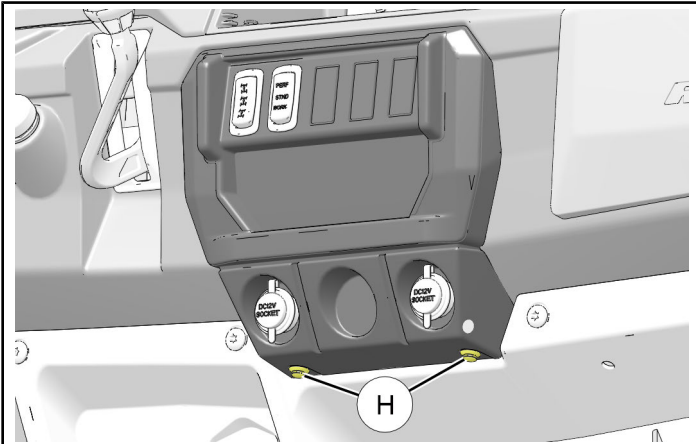
- a. Join connector 3A on harness ③ to 8-pin connector (identified as 5) on controller ⑤.

NOTE

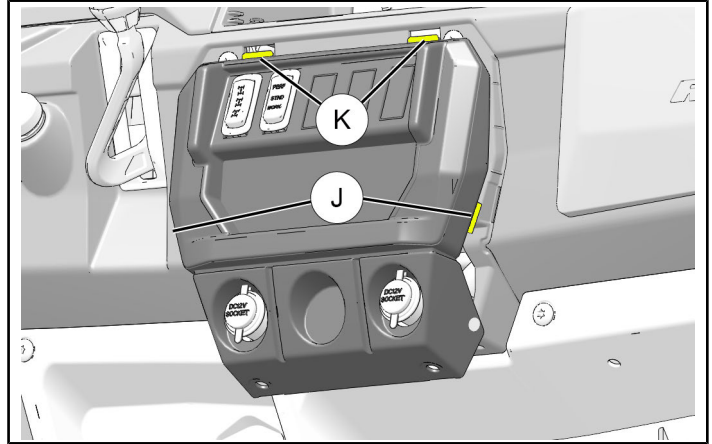
Do not install controller to under-hood liner until Step 8. Identification numbers on bottom of controller must remain visible until all connections are made. Intake ducts shown partially transparent for clarity.



- b. Route all six spade connectors (3B through 3G) on opposite end of harness ③ from under-hood compartment rearward through firewall grommet ⑥ into upper dash compartment.
- c. Remove two push pin rivets ⑨ from lower face of control panel. Retain rivets.



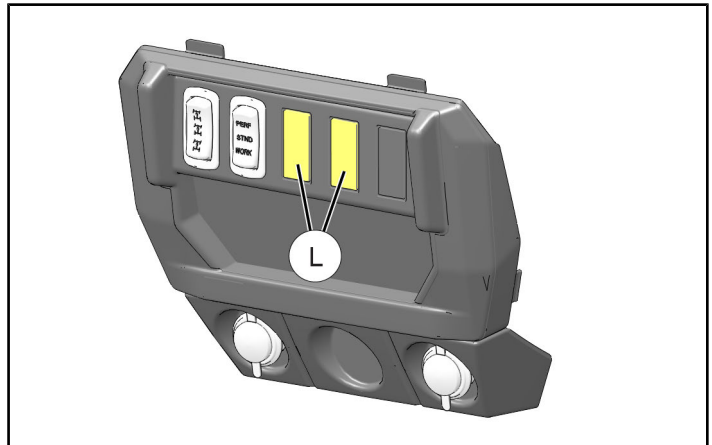
- d. Rotate bottom of control panel rearward, disengaging two side tabs ⑪, then drop two upper tabs ⑫ out of slots in main dash panel.



- e. Label and disconnect electrical harnesses from switches, sockets, or other devices in control panel.
- f. Carefully cut out two rectangular switch blanks ⑬ from control panel. Deburr edges.

NOTE

Any open locations may be used.



- g. Install two switches ⑭ in control panel openings with LED light oriented at top.

NOTE

Switches are identical.

- h. Join harness ③ to switches ② as follows:

NOTE

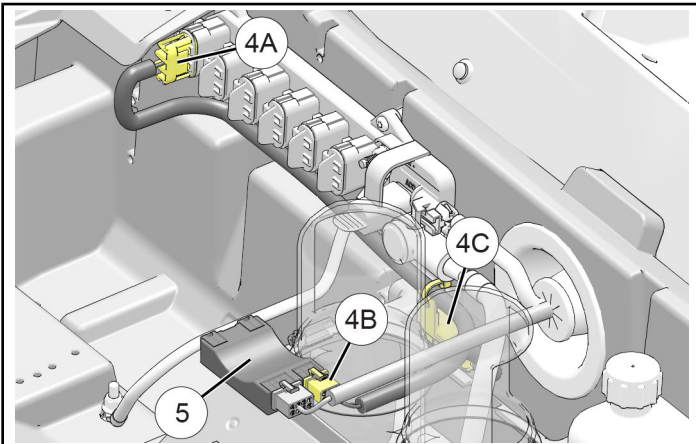
Terminals are marked on back side of switch.

HARNESS ③ CONNECTOR	SWITCH ② - TERMINAL
3B (RED)	DRIVER SIDE – 2
3C (BROWN)	DRIVER SIDE – 4
3D (ORANGE)	DRIVER SIDE – 9
3E (BLUE)	PASSENGER SIDE – 2
3F (GREEN)	PASSENGER SIDE – 4
3G (GRAY)	PASSENGER SIDE – 9

- i. Reconnect electrical harnesses disconnected in Step e. above, then reinstall control panel using two retained rivets ⑧.

6. Install power harness.

- a. Join connector 4B on harness ④ to 6-pin connector (identified as 4) on controller ⑤.



- b. Open power cap on vehicle terminal block at any open location, then plug in connector 4A.

NOTE

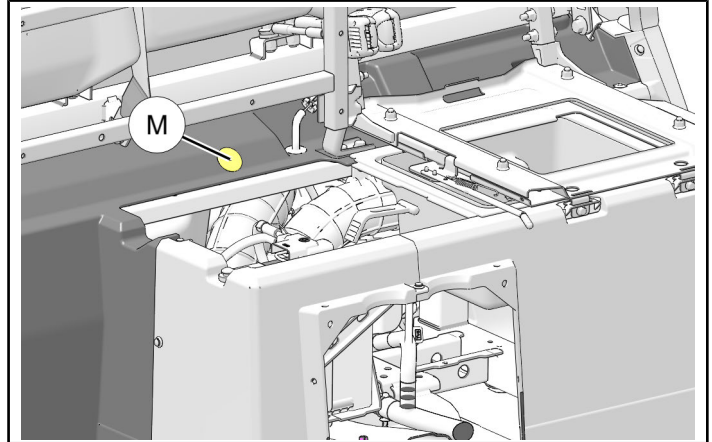
Fuse block 4C shown for reference only.

7. Install heating element harness.

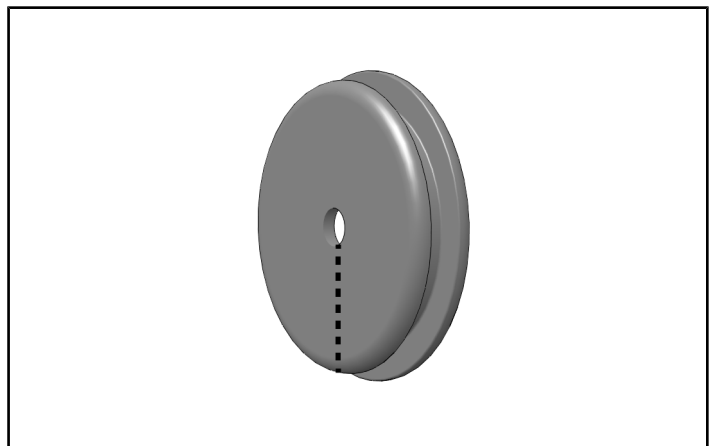
- a. Drill 1.25 inch (32 mm) hole ⑩ through angled portion of lower close-off panel at vehicle centerline.

IMPORTANT

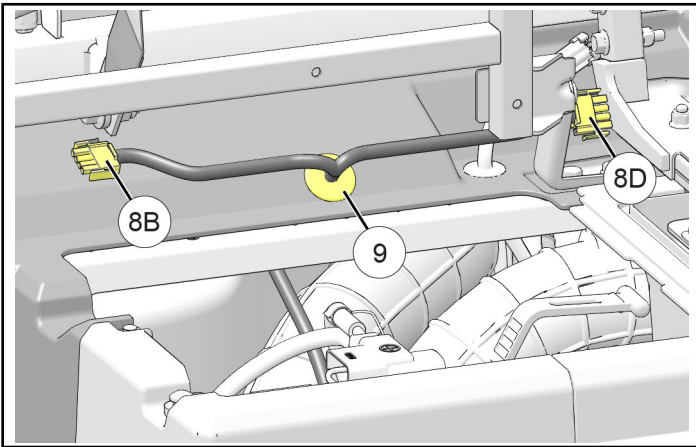
Control drill depth to prevent damage to underlying structure or components.



- b. Cut slit from center of grommet ⑨ radially to outboard edge to facilitate harness passage.



- c. Route connectors 8A and 8C on heating element harness ⑧ down through hole, feed harness through hole until it splits into connector 8B and 8D branches, then install grommet ⑨ at split (where wires are exposed).

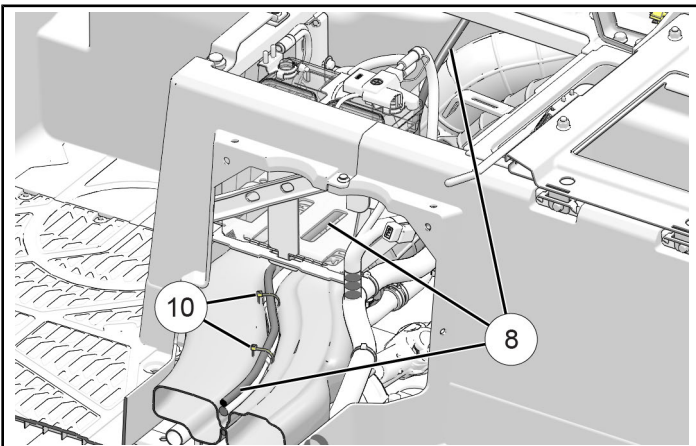


- d. Route heating element harness ⑧ downward and forward beneath battery box, then forward along centerline of intake ducts following battery cables.

Ensure routing will prevent harness contact with hot components, sharp edges, or moving parts. Do not secure with cable ties ⑩ at this time.

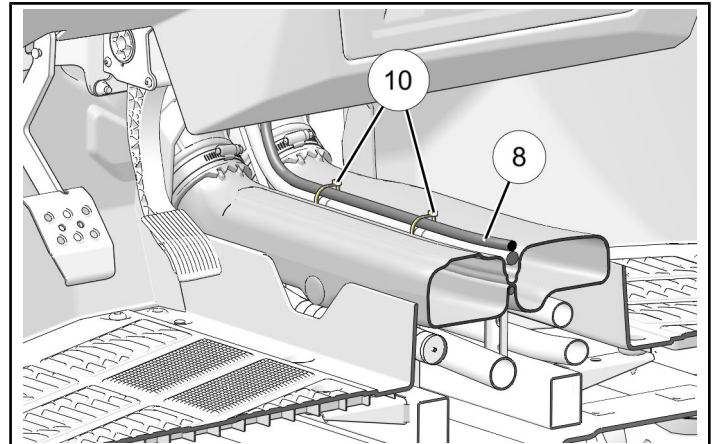
NOTE

Battery shown partially transparent for clarity.



- e. Continue routing heating element harness ⑧ along battery cables, then exit center floor console to forward side of firewall.

Do not secure with cable ties ⑩ at this time.



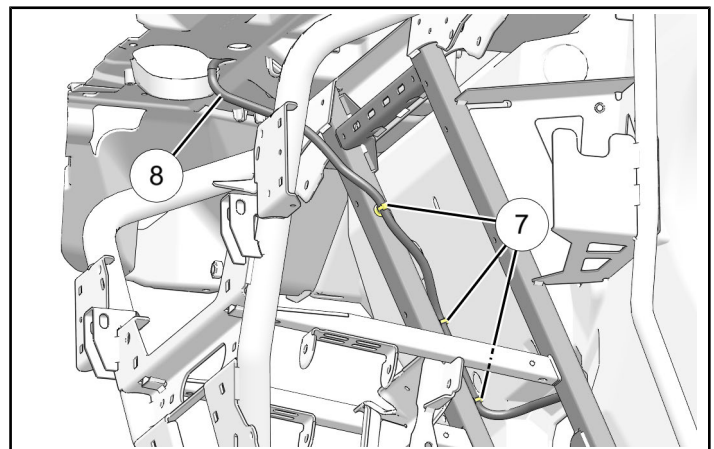
- f. Route heating element harness ⑧ up and forward along chassis structure, then up through under-hood liner at radiator cap opening.

Secure harness to chassis using three routing clips ⑦.

NOTE

All components except chassis and body hidden for clarity.

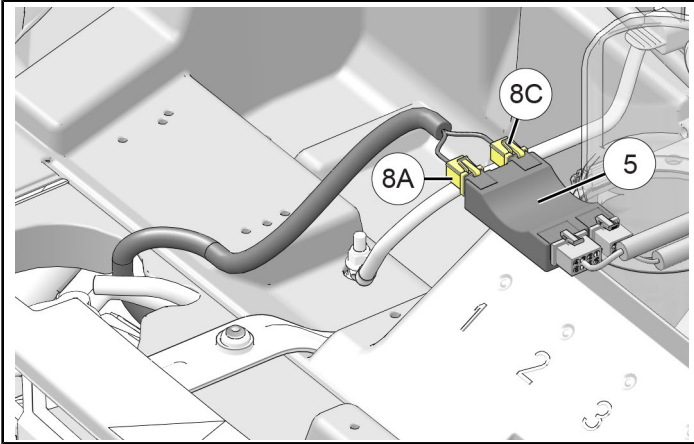
View looking inboard from left front wheel well.



- g. Secure heating element harness ⑧ to battery cables in center floor console using four cable ties ⑩ to prevent contact with hot components, sharp edges, or moving parts.

See previous Steps d. and e. for location detail.

- h. Join heating element harness ⑧ to controller ⑤:
- Connector 8A (Brown, Yellow, Red, Orange) on harness to 4-pin connector (identified as 1) on controller
 - Connector 8C (Green, Gray, Blue, Purple) on harness to 4-pin connector (identified as 3) on controller



8. Ensure controller ⑤ is oriented as previously shown, then install to under-hood liner using edge clip ⑥.
- 4-pin connectors located on **RH (passenger) side**, 6-pin and 8-pin connectors located on **LH (driver) side**
 - Flat side down, concave side up
9. Install driver and passenger seat bottoms into vehicle. Ensure routing of heating element electrical harnesses will prevent contact with sharp edges or moving parts.
10. Join heating element harness ⑧ to heating elements ①:
- Connector 8B (Brown, Yellow, Red, Orange) on harness to DRIVER side heating element
 - Connector 8D (Green, Gray, Blue, Purple) on harness to PASSENGER side heating element
11. Restore access.
12. Reconnect black negative (-) cable to battery, then reinstall under-seat storage compartment.

OPERATION INSTRUCTIONS

⚠ CAUTION

Occupants should exercise extreme caution when using seat heaters due to the possibility of being subjected to excessive heat. Occupants must be able to feel if seat is becoming too warm and turn seat heater off. Occupants unable to feel skin pain due to spinal cord injury or another physical condition are particularly vulnerable.

Do not use a blanket, pillow, additional seat cover, or any other item on seat during seat heater operation. Using such items can alter seat temperatures, resulting in personal injury or damage to seat.

Seat heater operates in a 4-step cycle:

1. To turn seat heater "ON" press and release switch. Heating element will turn to "HIGH" and LED light will illuminate at full brightness.
2. To decrease heat press and release switch again. Heating element will turn to "MEDIUM" and LED light will dim to moderate illumination.

3. To further decrease heat press and release switch again. Heating element will turn to "LOW" and LED light will dim to low illumination.
4. To turn seat heater "OFF" press and release switch again. LED light will extinguish. Seat heater will also turn off automatically after one hour operation.

NOTE

Switch must be toggled through 4-step cycle until desired function is reached.

A flashing LED light indicates improper or incomplete component connection, or possible damage to thermistor or other components. Verify proper connections, turn vehicle ignition switch to "OFF" position to reset controller, then operate seat heater again. If flashing light persists contact an **Authorized Polaris Dealer** for assistance.

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

