

# SEAT HEATER KIT P/N 2879271



## Application

All Ranger 900 XP Models

Before you begin, read these instructions twice and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

## This Kit Includes:

| <u>Qty</u> | <u>Part Description</u> | <u>Part Number</u> |
|------------|-------------------------|--------------------|
| 1.....     | Harness-Heater-Seat     | 2412574            |
| 2.....     | Heater-Element, Seat    | 2412575            |
| 2.....     | Switch-Heater, Seat     | 4014380            |
| 1.....     | Instructions            | 9924237            |

## Tools Required:

|                  |   |                          |
|------------------|---|--------------------------|
| T-30 Torx Wrench | 3/8" Socket Wrench                      | Sharp Knife or Small Saw |
| Staple Gun       | 3/8" Stainless Steel Upholstery Staples |                          |

**IMPORTANT:** For your safety and to ensure a satisfactory installation, please read the installation instructions thoroughly before beginning. Perform all installation steps correctly and in the sequence shown.

**APPROXIMATE ASSEMBLY TIME (R&R):** 45 minutes

## INSTALLATION PREPARATIONS

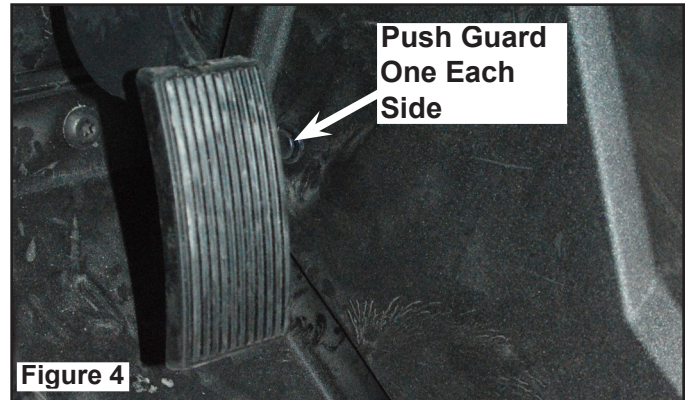
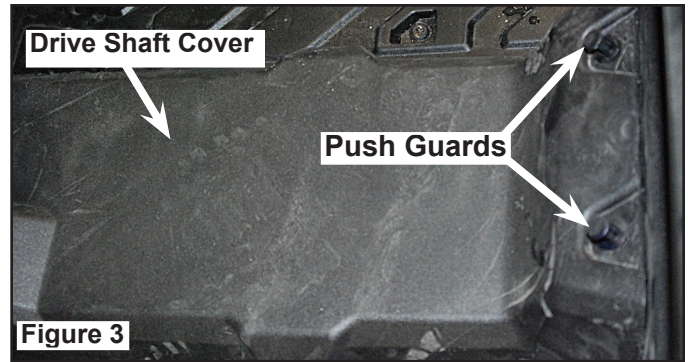
1. Put vehicle in park. Turn key to "OFF" position and remove key from vehicle.
2. Remove passenger seat and storage tray. Disconnect black negative battery cable from battery. Disconnect red positive cable from battery. Figure 1.



3. Remove hood from vehicle. Figure 2.



4. Remove four push dart fasteners from drive shaft cover. One on each side by foot pedal. Figures 3 and 4. Save fasteners for reinstallation. Remove the drive shaft cover.

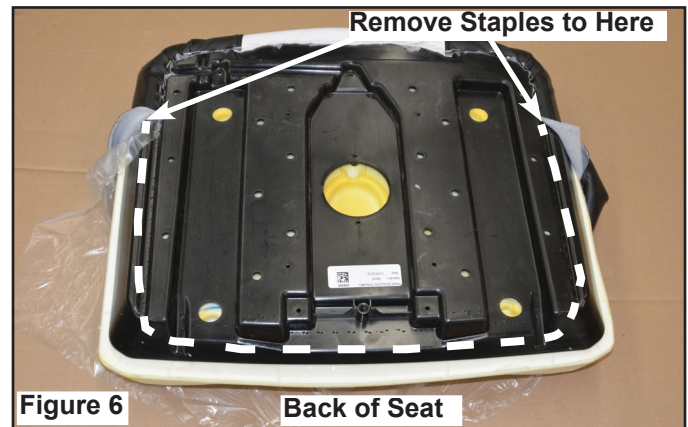


5. Remove dash cap by removing the four plastic darts. Figure 5.

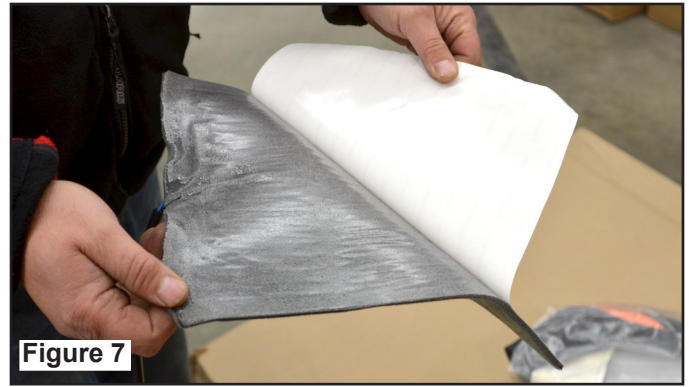


## INSTALLATION INSTRUCTIONS

1. Remove the staples from the seat bottom, rear of the seat toward the front. Leave the staples in the seat front. Peel the vinyl and the plastic to reveal the seat foam. Figure 6.



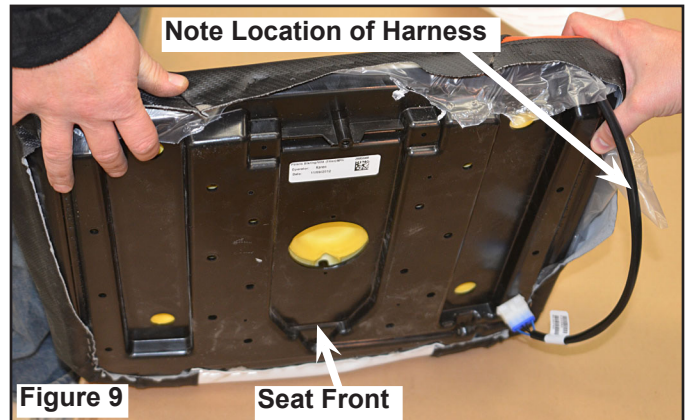
2. Peel the adhesive backing from the heater element. Figure 7.



3. Flip the seat over and place the heater element centered on the seat bun. Make sure the heater harness is placed toward the rear of the seat. Route the heater harness to the side as shown in Figure 8.



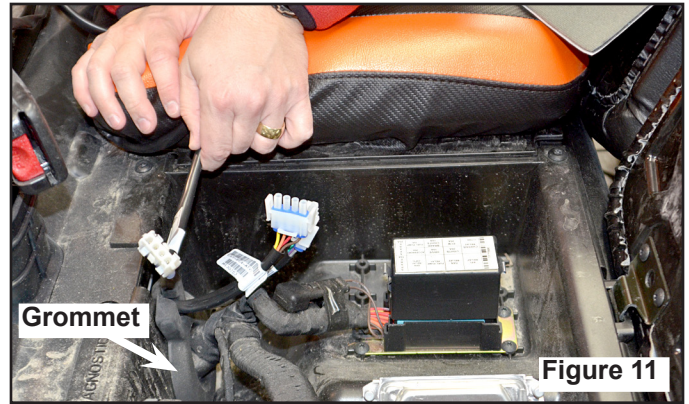
4. Re-stretch vinyl and plastic over seat foam. Note the routing location of the harness. Staple vinyl to seat bottom with 3/8" upholstery staples, being careful not to staple into the heater wire harness. Figure 9.



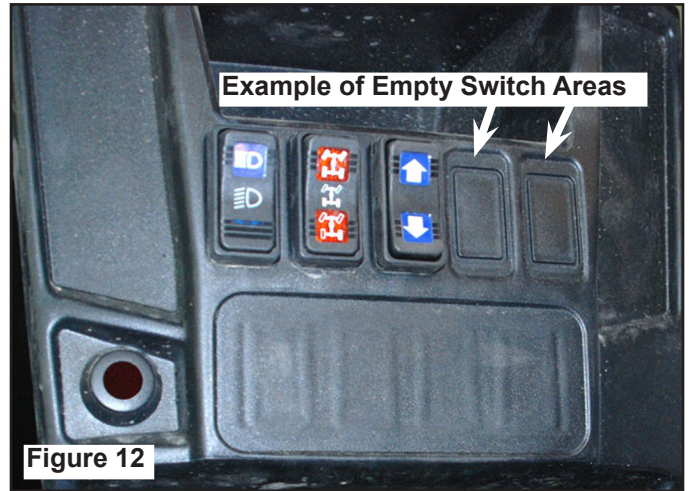
5. Route heater wire harness through center floor tunnel following main harness. Seat heater harness will follow main harness forward up the front side of the floor, then it leaves the main harness and is attached to the passenger side frame next to the upper shock bolt. Finally the harness routes around the edge of the splash tray and onto the splash tray under the hood. Figure 10.



6. The rear section of the seat heater harness follows main harness under the floor and up behind the seats, then follows the main harness through the rubber grommet. Push connectors from the heater harness through the grommet located in the center area under the seats. Figure 11.



7. Depending on location of other switches, find and cut out an appropriate location on the dash. Cut out switch mounting location following the indented cutting guide molded into the switch panel. Figure 12.



8. Push switch connectors from under hood area through grommet and into the area under dash. Route wires toward switch area in dash face. Push wire harness connectors through switch holes cut into the back of dash. Connect switches to heater harness. Push the switch into the dash until it is seated.

9. Connect three power wires from harness. Wires should be located close to the bus bar on the splash tray. Figure 13.

Red wire is continuous battery power

Black wire is ground

Purple wire is keyed power

10. Reconnect battery power (red wire). Turn on key and test for functionality to see if seat heats up. Secure wires with panduits to keep from chafing or moving parts.

11. Reinstall dash cap and drive shaft cover and seat.

