

WINDSHIELD WIPER KIT

P/N 2879754

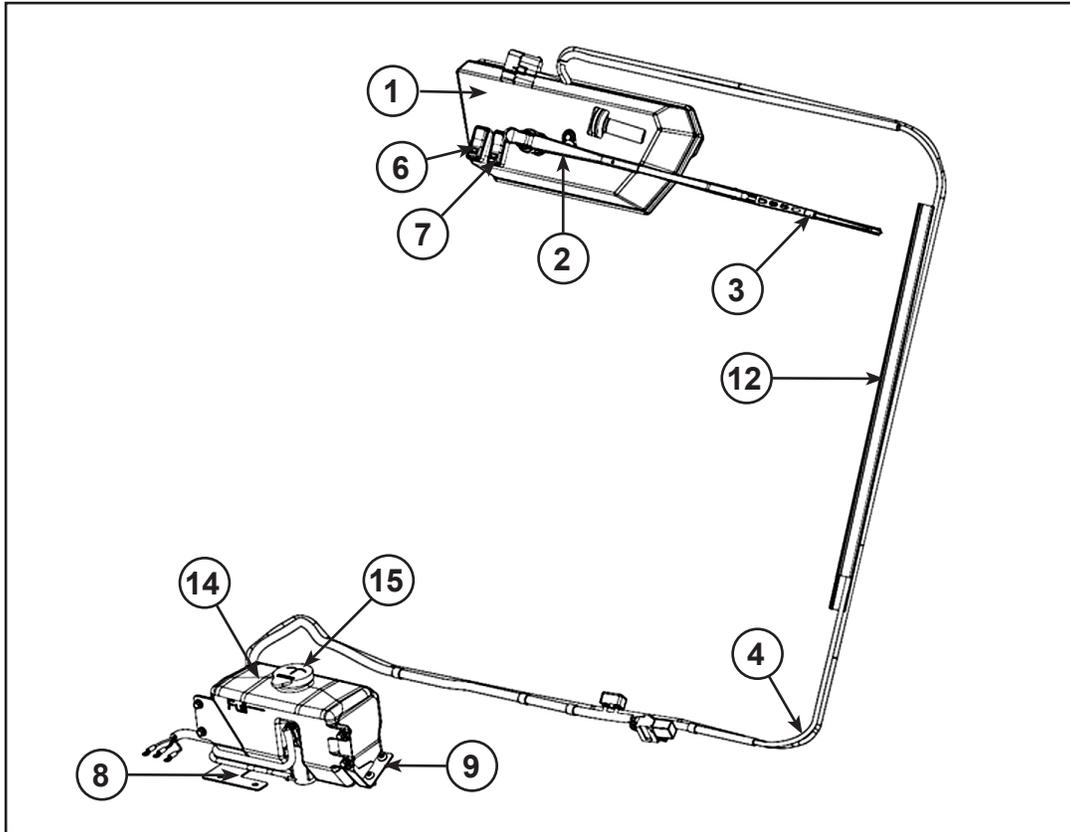


POLARIS[®]

Application

RANGER 900 XP AND BRUTUS 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.



Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	1	Wiper Motor, Windshield	2204914
2	1	Wiper Arm, Windshield	2204915
3	1	Wiper Blade, Windshield	2204916
4	1	Wiper Harness	2412622
5	1	Washer, Water Fluid Pump	2205140
6	1	Wiper Switch, Washer	4014071
7	1	Wiper Switch, Low, High	4014072
8	1	Washer Bottle Bracket, Front	5258010
9	1	Washer Bottle Bracket, Side	5258011
10	1	Retainer, Wiper Motor	5258170
11	1	Wiper Hose, Washer Fluid	5414882
12	1	Harness Guide	5414966
13	2	Harness Guide	5415017
14	1	Washer Bottle, Wiper Fluid	5450700
15	1	Washer Bottle, LID, Bracket	5450701

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
16	1	Wiper Cover, Windshield, Bracket	5450702
17	1	Wiper Mount, Windshield, Bracket	5450703
18	1	Barb, Hose Fitting	7052581
19	1	Mounting Clip	7081936
20	7	Screw	7512026
21	1	Grommet, Washer Bottle	5414883
22	4	Screw #10X3/4-High/Low-T25	7512026
23	4	Nut- M6, Flange, Nyloc	7547274
24	1	Hardware-Wiper Motor Install	2204917
25	1	Grommet, Wire Routing	5414440
	1	Instructions	9924529

Tools Required:

Metric Socket Set Drill 5/16" Drill Bit 1 11/16" Holes Saw

IMPORTANT: Your Polaris RANGER 900 XP Windshield Wiper 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 and in the sequence shown.

APPROXIMATE ASSEMBLY TIME: 60 minutes

INSTALLATION INSTRUCTIONS:

1. Place the vehicle in "PARK". Turn the key to "OFF" position and remove from the vehicle.
2. Locate the battery and disconnect it.
3. Remove the center hood from the vehicle. Figure 1.

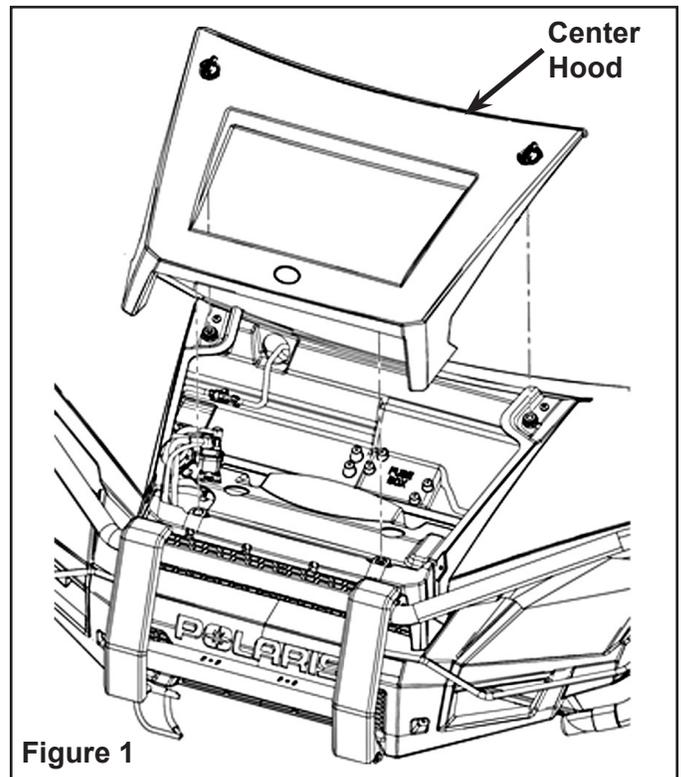
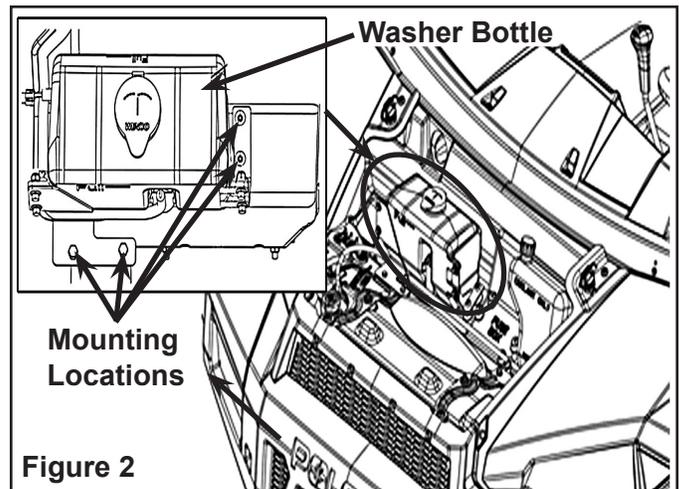
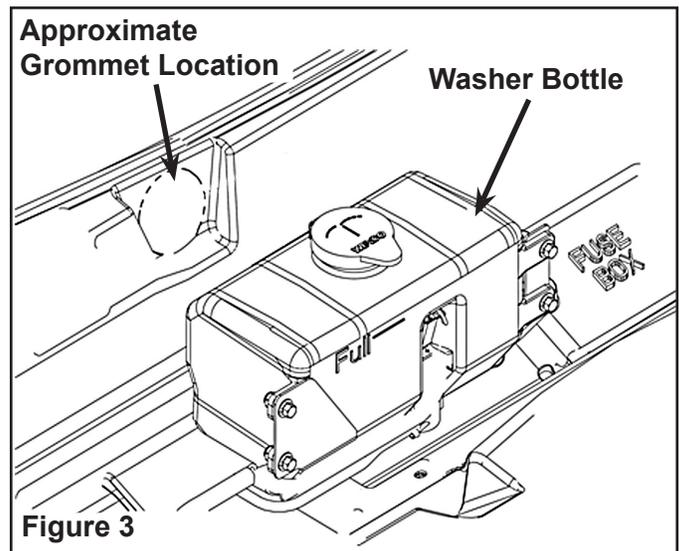


Figure 1

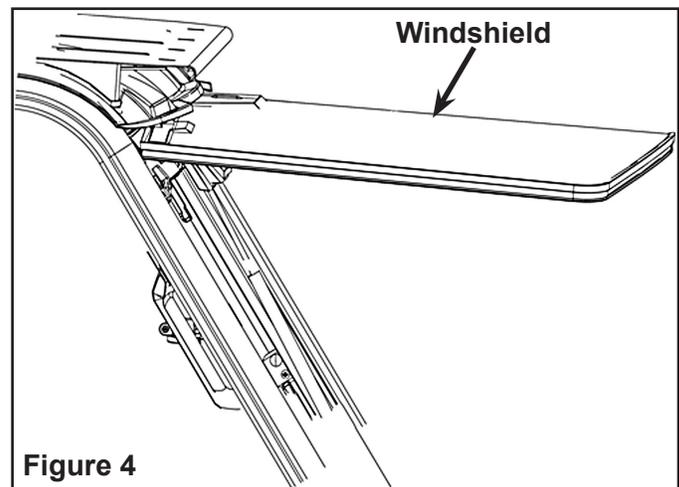
4. Mount the reservoir on the surface under the hood.
Figure 2.



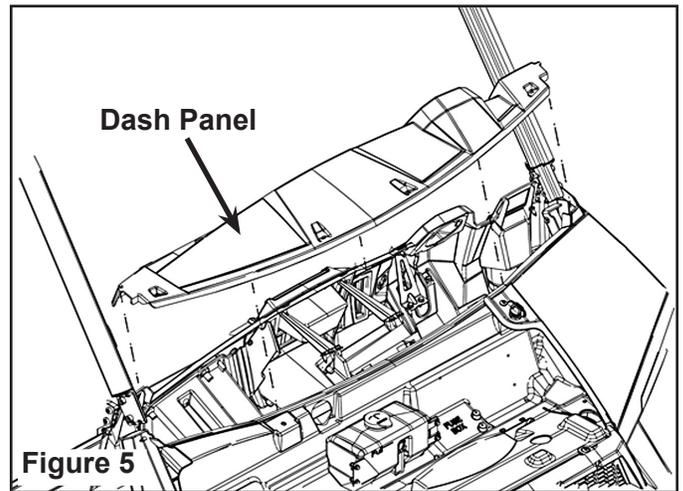
5. Locate the area where the wire harness and hose will pass through the front dash wall. On MY13 vehicles a grommet is already installed. For MY14 it is a round area of 1 11/16" diameter that must be removed by cutting along the perimeter scribe line with a sharp tool. Remove the round plastic cut out. Figure 3.
6. Install the grommet (PN 5414440).
7. Cut the grommet (PN 5414440) to allow wire harness through.



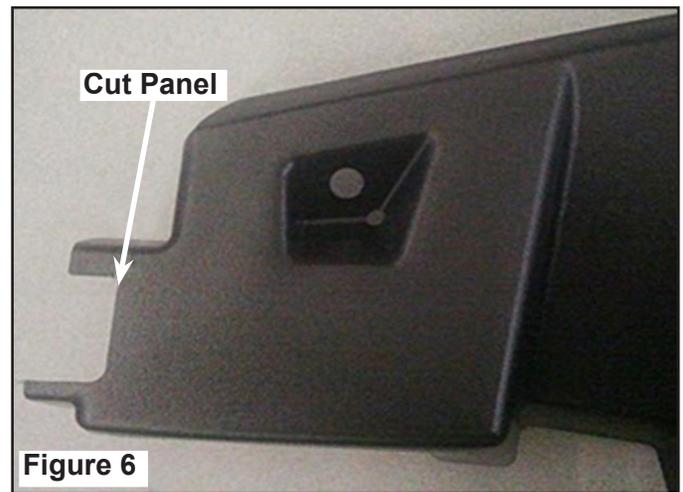
8. Pull up the windshield using the latch (tip-out windshield) or remove the fixed windshield.
Figure 4.



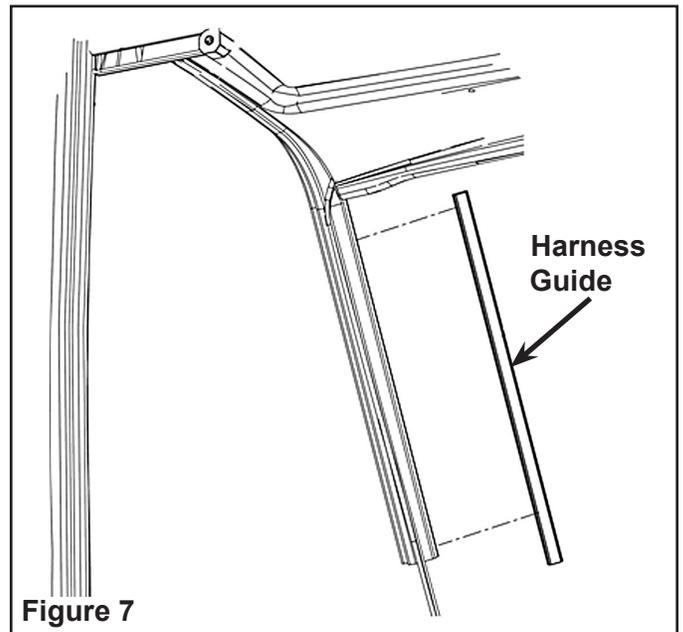
9. Remove the dash panel. Figure 5.



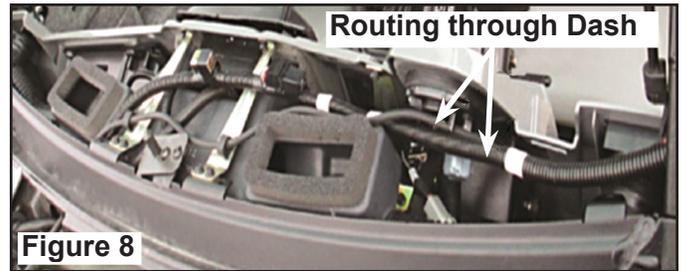
10. Cut the upper dash cover as shown to allow the wires and hose to pass through. Figure 6.



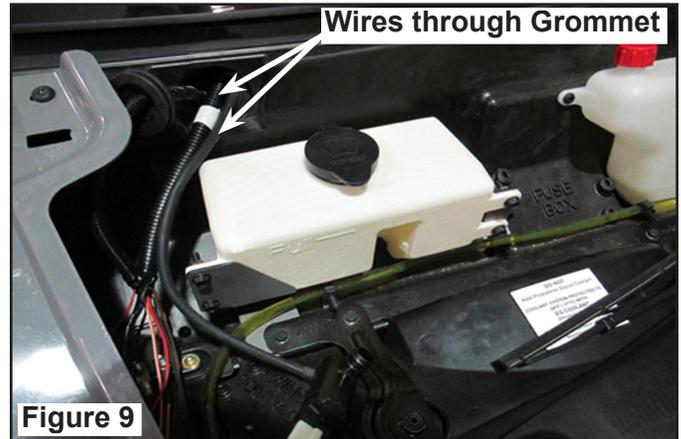
11. Install the harness guide (PN 5414966) on the driver's side A-pillar as shown to protect the routed wire and hose. Figure 7.



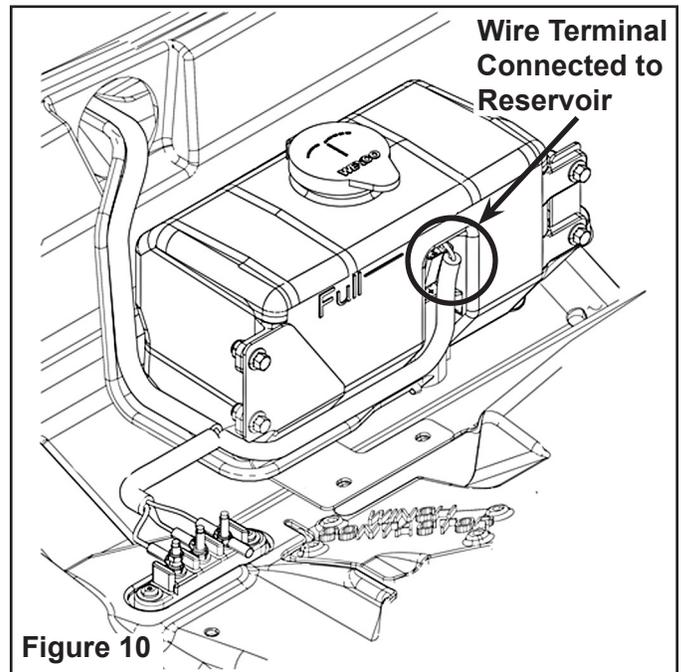
12. Route the wire inside the dash. Figure 8.



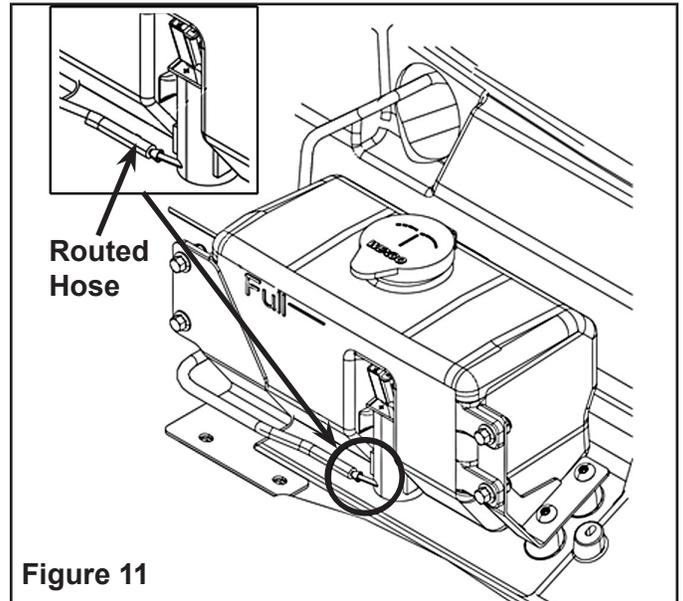
13. Pass the wires through the grommet (PN 5414440) and re-install the upper dash panel. Figure 9.



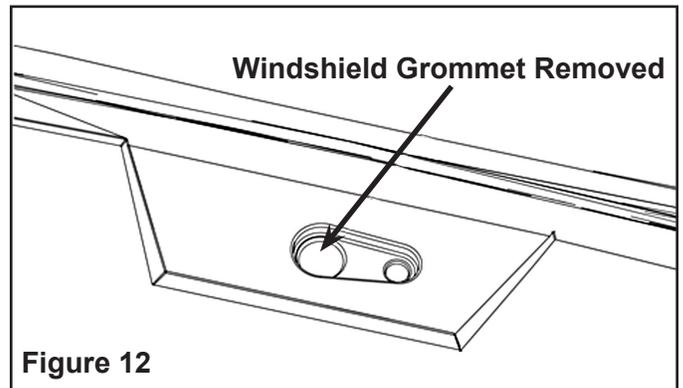
14. Connect the wire harness to the washer bottle and to the bus bar as shown. Figure 10.



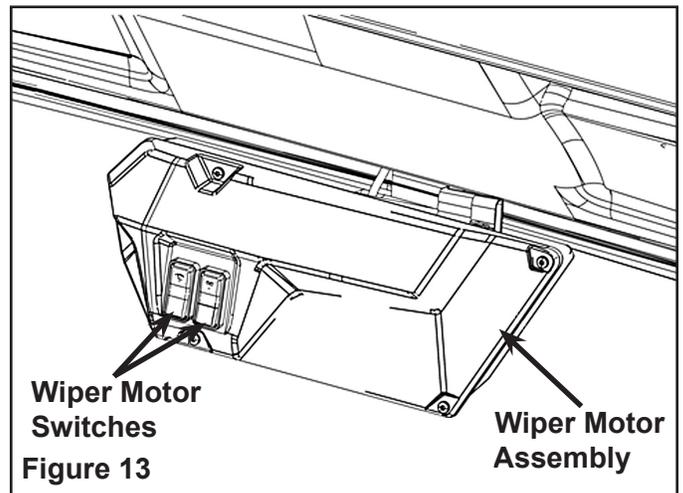
15. Connect the hose to the washer bottle. Figure 11.



16. Reinstall fixed windshield or close the tip-out windshield. Remove the rubber grommet from the windshield. Figure 12.



17. Install the pre-assembled wiper motor assembly (PN 2204914), making sure to remove the nut cover, nut and washer from the main shaft before installation. Figure 13.



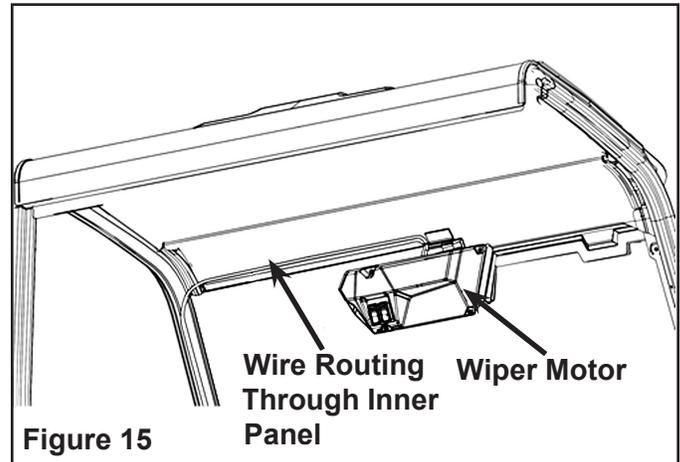
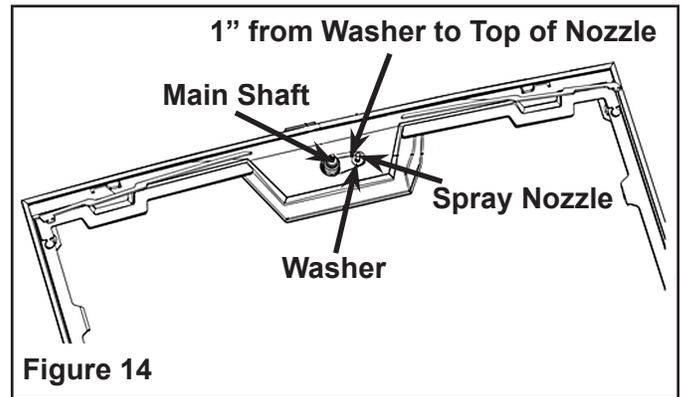
18. Once wiper motor assembly is seated, reinstall the washer and the nut to main shaft. Install spray nozzle nut and washer, making sure the spray nozzle notch is pointing downward. Tighten the nut on main shaft to 15 ft. lbs. (20.3 Nm). Install the nut cover. Figure 14.

NOTE: Do not install the wiper arm (PN 2204915) at this time.

19. Measure the spray nozzle and adjust until top of nozzle is 1" from the washer. Tighten the jam nut to 7 ft. lbs. (9.4 Nm) while holding the spray nozzle in place. Figure 14.

20. Loosen the inner roof panel (if equipped) by removing the front fasteners.

21. Route the wire as shown and re-install the panel fasteners. Figure 15.

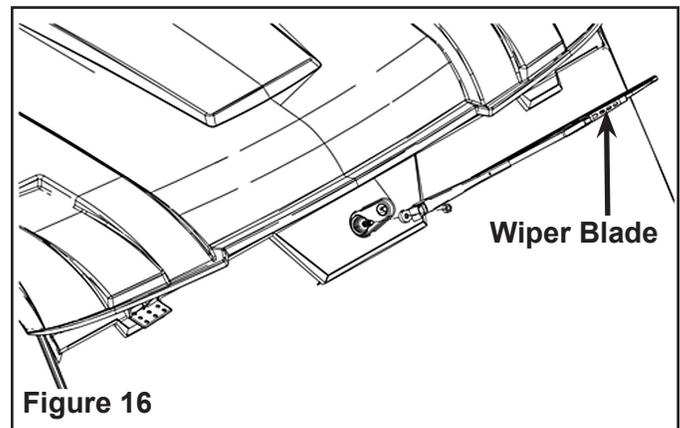


22. Connect the battery terminals.

23. Install the center hood.

24. Turn on key. Cycle the wiper by activating switch, then assemble the arm to motor. This ensures that the motor is in the PARK position before the arm is attached. Turn the key off again.

25. Attach the wiper blade (PN 2204916) to arm. Attach arm to the main shaft, setting arm in place as shown. Figure 16. Torque the nut to 10 ft. lbs. (13.5 Nm).



26. Turn on key and test functionality.

