



# WINCH MOUNT KIT

FOR POLARIS RZR XP 1000

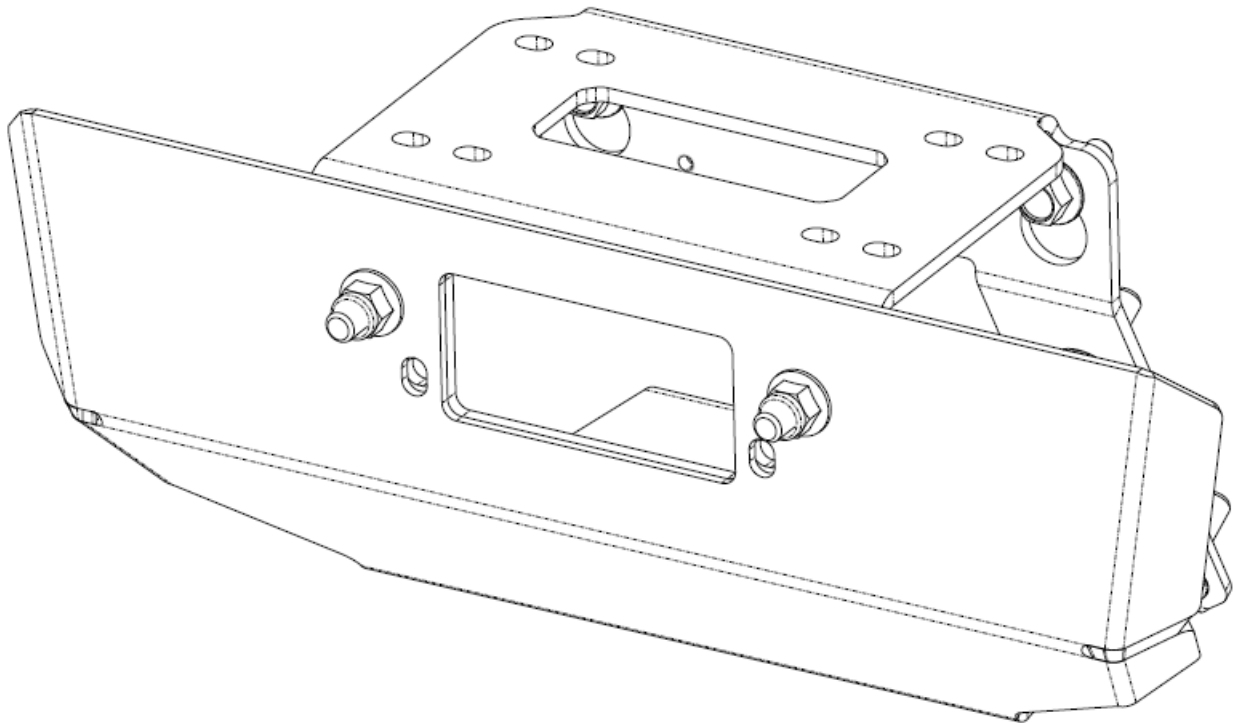
P/N 25-3440

**ASSEMBLY / OWNERS MANUAL**

Application

WINCH KIT NO. 25-9xxx

Before you begin, please read these instructions and check to be sure all parts and tools are accounted for. The following instructions contain details required to install and service the contents of this kit.



## OPERATING INSTRUCTIONS

Congratulations! You've just purchased the most durable accessory component in the industry. Our accessories work great all year round! With proper care and maintenance, your Kolpin accessory will last for years to come! Please read and understand all assembly instructions, notices and warnings before assembling and using your Kolpin accessory.

### Follow these guidelines to ensure a successful and satisfactory installation:

Read, understand this manual before beginning installation

Periodically check for wear and tightness of all fasteners.

Replace or re-torque fasteners as necessary.

## SAFETY & GENERAL PRODUCT INFORMATION

Kolpin accessories are designed with your safety in mind.

In order to protect you and your vehicle, certain parts of the accessory and/or hardware may be designed to collapse or break when the equipment is over-stressed.

Kolpin winch mount kits are designed to be compatible with Kolpin and Cycle Country winches along with many others, but may not be compatible with some winches. Kolpin winch mount kits have design features that benefit snow plow applications.



### **! DANGER ! ! WARNING ! ! CAUTION !**

#### **To avoid personal injury or damage to your vehicle:**

Read and understand all notices for:

Caution

Warning

Danger

Follow instructions for your vehicle, winch, winch mount and other items used in combination with this product.

Do not winch unsecured loads at any time.

Disconnect battery during winch installation or service to prevent electrical hazards.

Do not lift loads overhead.

Do not exceed the load capacity of the winch.

Always wear gloves when handling wire winch cable.

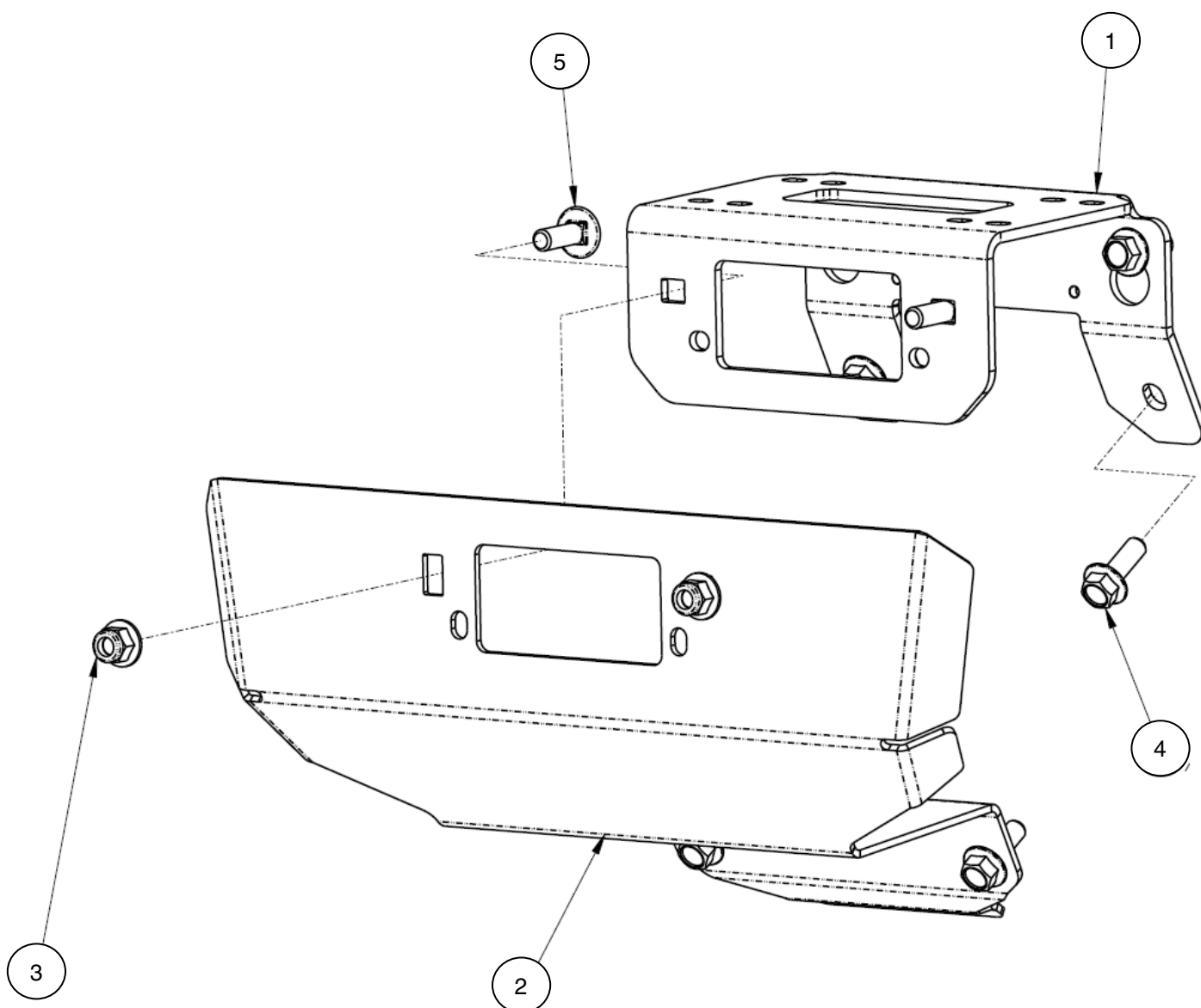
Do not use your winch or winch mount for towing.

Do not shock load the winch, cable or winch mount.

Keep fingers, hands and loose clothing away from roller fairlead and winch cable drum when in use.

## Kit Contents:

Item	Qty	Part Description	Part Number
1	1	RZR Winch Mount Bracket	-
2	1	RZR Winch Skid Bracket	-
3	2	Hex Flange Locknut, Zinc Plated, M10-1.5	-
4	6	Flange Hex Bolt, Zinc Plated, M10-1.5 x 30mm LG	-
5	2	Carriage Screw, Zinc Plated, M10-1.5 x 30mm LG	-
6	1	Instruction Guide (not shown)	-



## BEFORE YOU BEGIN:

- Your Kolpin accessory is exclusively designed for your vehicle
- Please read and understand all instructions
- Verify all parts and tools are accounted for
- To ensure a satisfactory installation, follow all steps correctly and in the sequence described
- Keep these instructions for future reference or for informational requests
- To facilitate installation, make sure that your vehicle is clean and free of debris
- All directions referring to right and left are when the rider is sitting on the machine

## TOOLS REQUIRED:

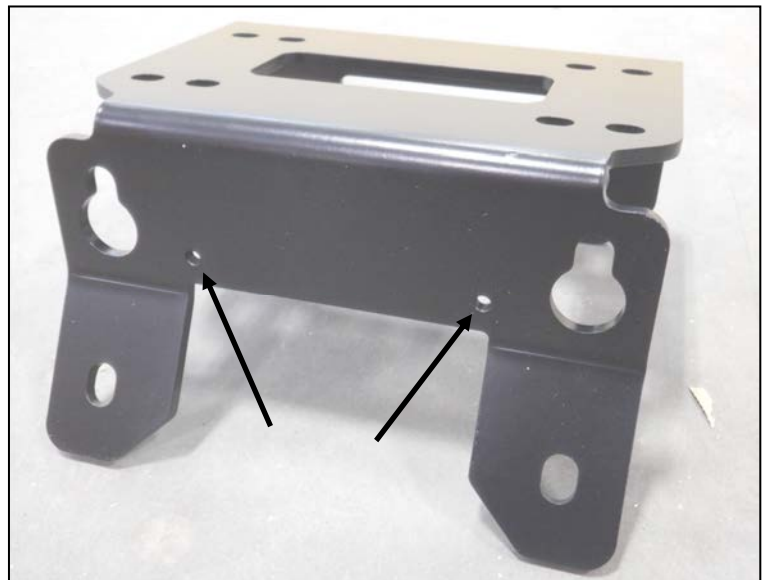
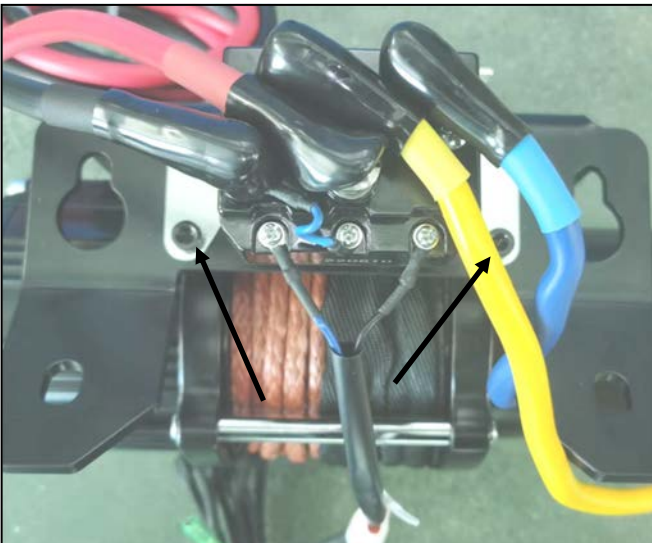
- Metric wrench set
- Metric socket set
- Torx socket set
- Torque Wrench
- Pliers
- Do not use impact tools to install hardware

## APPROXIMATE ASSEMBLY TIME: 30 minutes

Note: Additional time may be required to accommodate other installed accessories.

Note: If any hardware is missing, do not return to the store. Call us to help, Toll Free 1-877-956-5746.

Mount bracket (item #1) has pre-drilled holes for mounting Kolpin contactor (provided with winch kit) onto back-side of bracket as shown in images below and to the right. Note: Contactor M6-1.0 x 10mm LG screws are not included



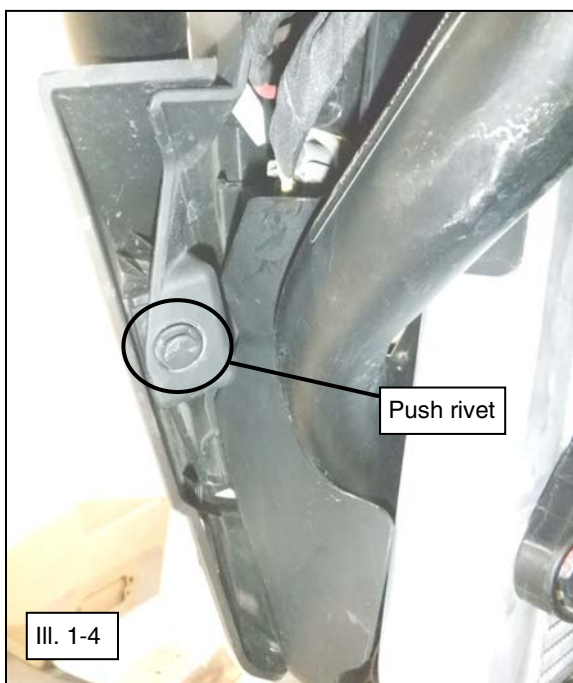
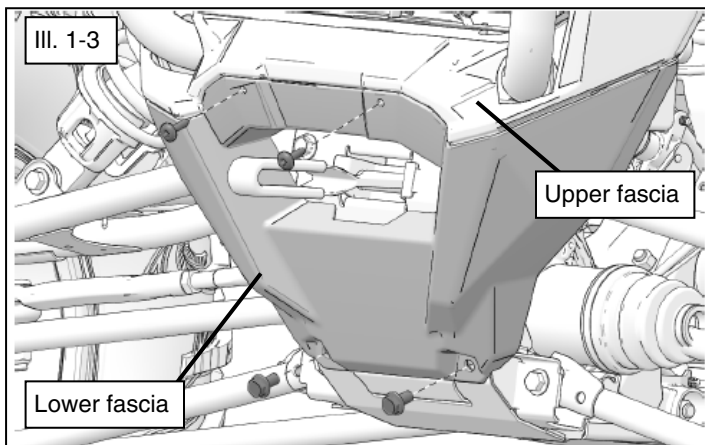
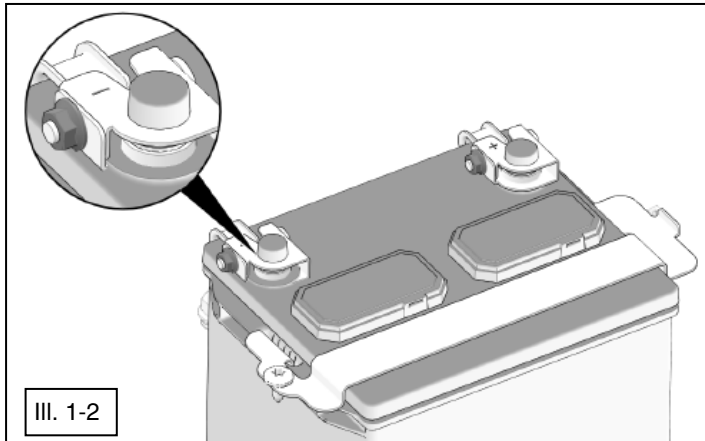
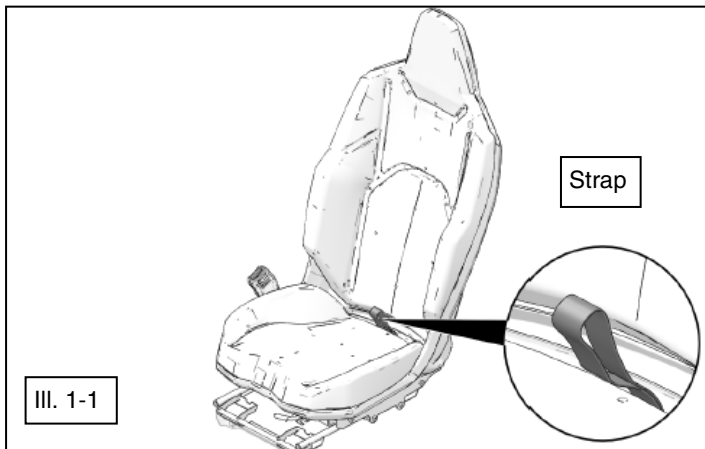
## RZR PREPARATION:

1. Shift vehicle transmission into “PARK”. Turn ignition key to “OFF” position and remove from vehicle ignition.
2. Remove driver seat by pulling strap to disengage seat. Tilt forward and remove from vehicle. (See illustration 1-1).
3. Disconnect black negative (-) cable from battery first, then disconnect red positive (+) cable from battery. (See illustration 1-2).

### **WARNING**

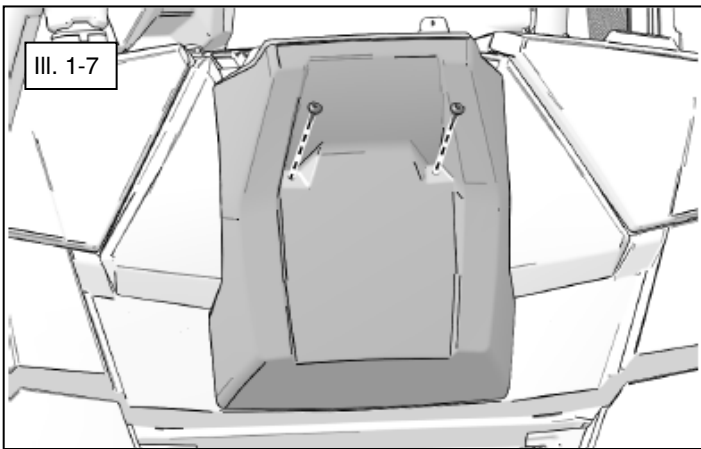
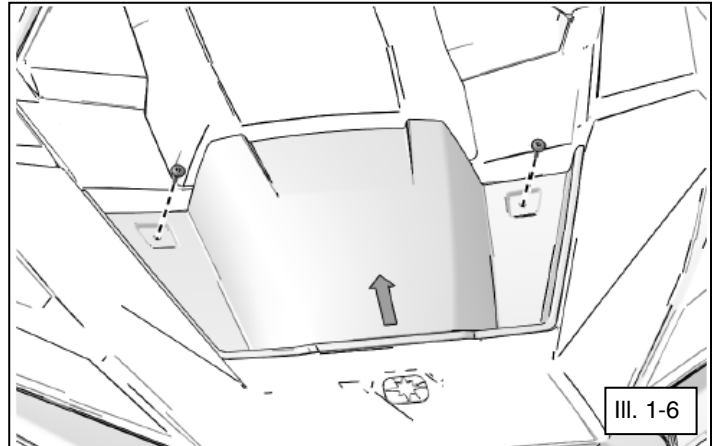
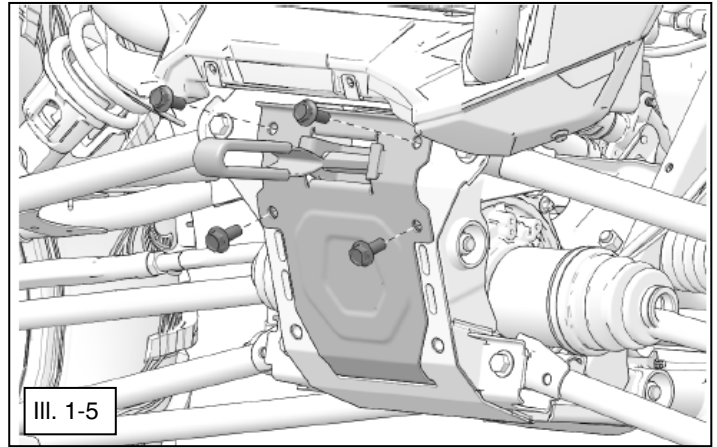
**ALWAYS** disconnect black negative (-) cable from battery **FIRST**. Failure to do so will result in high current electrical arc, and may result in battery explosion if tool touches grounded frame. Death or serious injury may occur.

4. Remove the front lower fascia by removing the two screws and two bolts shown. (See illustration 1-3).
5. Remove the upper fascia plastic cover that surrounds lower portion of front bumper by removing the plastic push rivets from each side. Removal allows easier access install winch assembly to vehicle. Save parts for reinstall later. (See illustrations 1-3 and 1-4).



### RZR PREPARATION (continued):

6. Remove the front drive protection plate and tow strap by removing the four bolts. (See illustration 1-5).
7. Remove the center hood by removing the two screws and remove hood towards the rear. Save parts for reinstall later. (See illustration 1-6).
8. Remove the center instrument panel by removing the two screws as shown. Lift up and remove center instrument panel. Save parts for reinstall later. (See illustration 1-7).




### RZR WINCH INSTALLATION:

9. Locate the upper winch mounting holes on vehicle frame and install two M10 bolts (item #4). Loosely install bolts into frame leaving 4-5 threads exposed. (See illustrations 1-8 and 1-9). **Note, starting the bolts halfway installed is needed for next step of installing winch assembly.**




## RZR WINCH INSTALLATION (continued):

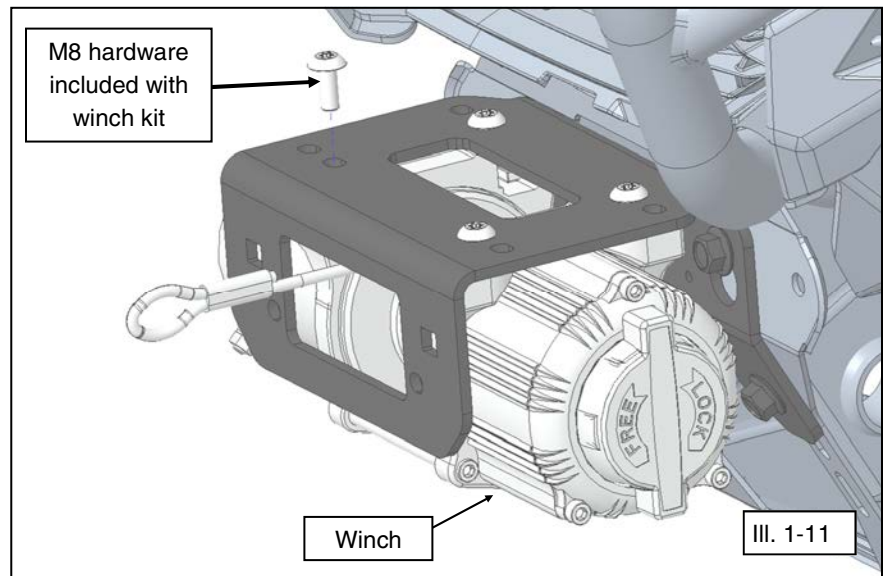
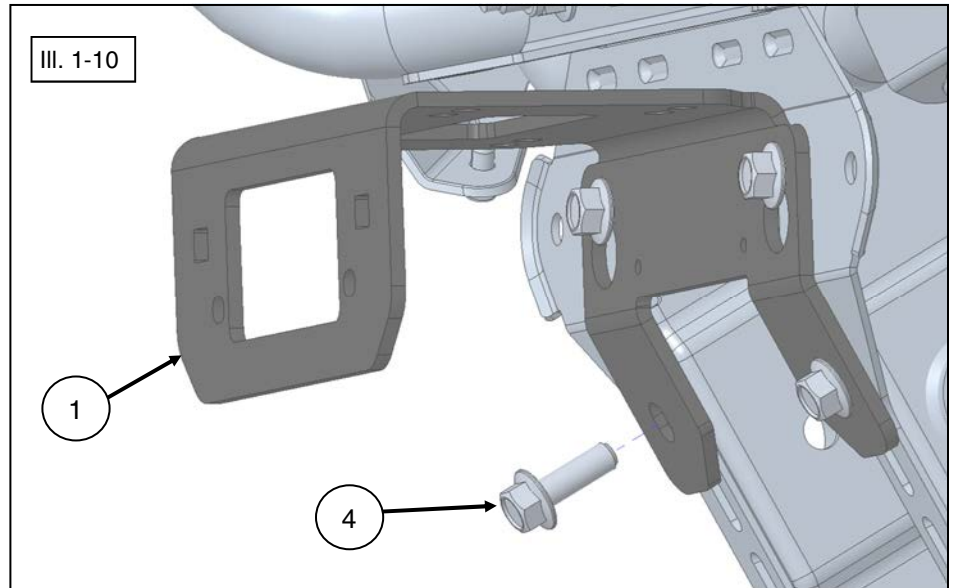
10. Place winch mount bracket (item #1) onto the M10 hex flange bolts (item #4) previously installed as shown. Install two more M10 hex flange bolts and tighten all to specification. (See illustration 1-10).

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<b>10MM FASTENER TORQUE:</b> 34 ft. lbs. (46 Nm)

11. Install winch to mounting bracket using the M8 hardware supplied with winch kit as shown (bolts, lock washers, flat washers). Tighten M8 hardware to specification. (See illustration 1-11).

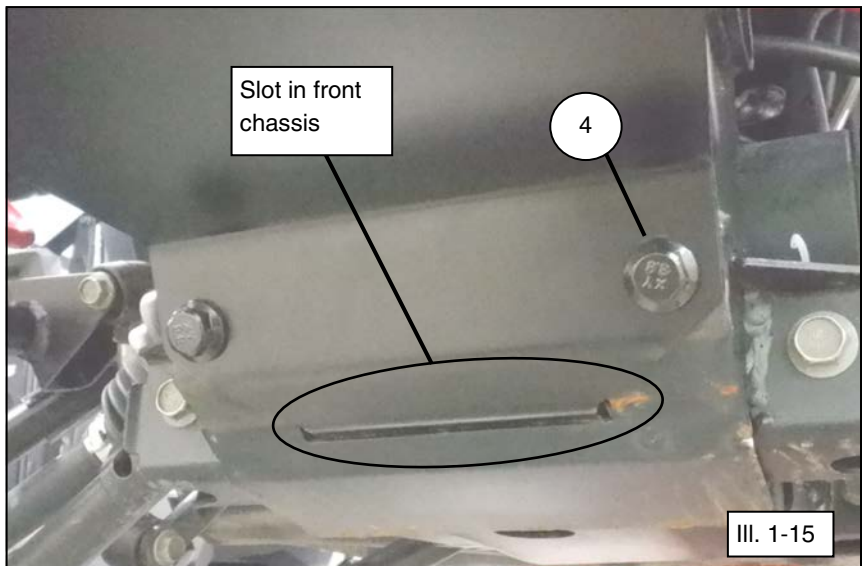
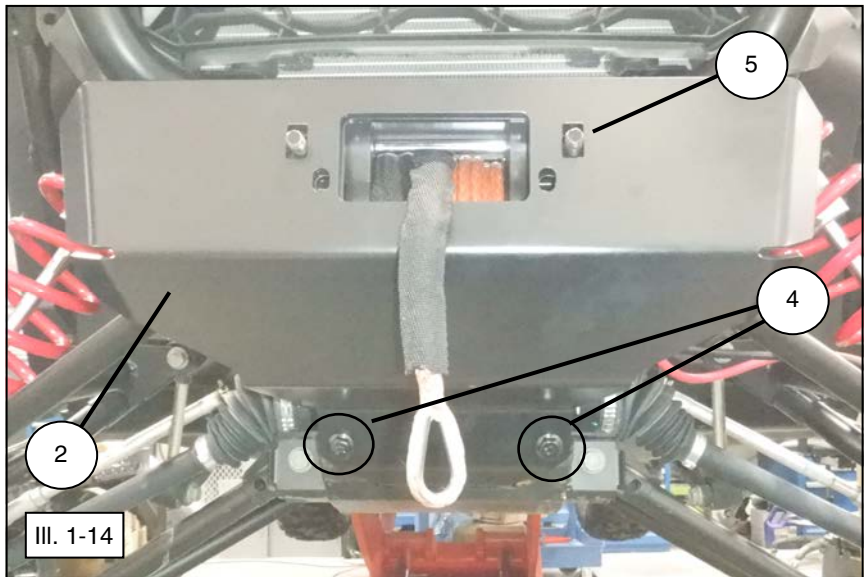
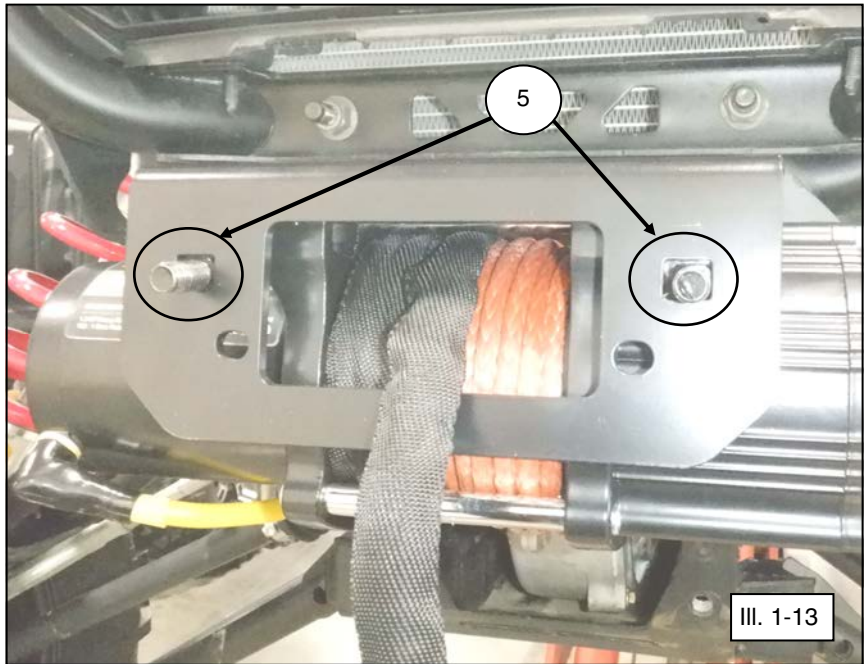
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<b>8MM FASTENER TORQUE:</b> 17 ft. lbs. (23 Nm)

12. Pull the winch rope thru the opening in the top mounting bracket as shown. (See illustration 1-12).
13. The 25-3440 mounting bracket kit fits both Wide Roller Fairleads and Narrow Roller Fairleads. The following steps will guide through installing both types.



## RZR WINCH INSTALLATION (continued):


14. For installing wide roller fairlead, use the M10 carriage screws (item #5) and M10 locknuts (item #3) included in mounting kit. **Note: Wide roller fairlead is not included in kit, sold separately, PN 85087. For using narrow roller fairlead, see step 22, yet follow below steps for installing lower winch skid bracket (item #2).**
15. Loosely install the two M10 carriage screws (item #5) thru the rear side of the upper bracket square holes as shown. (See illustration 1-13).
16. Install lower mounting bracket skid plate (item #2) below the winch. Make sure the tab on the bottom of the plate fits into the slot in the front chassis. The upper hole slots will align with carriage screws and allow screws to fit thru facing towards front. (See illustrations 1-14 and 1-15).
17. Loosely install two M10 bolts (item #4) into the lower holes. (See illustrations 1-14 and 1-15). **Note, do not tighten fasteners at this step.**
18. Pull the winch rope thru the lower plate opening as shown. (See illustration 1-14).



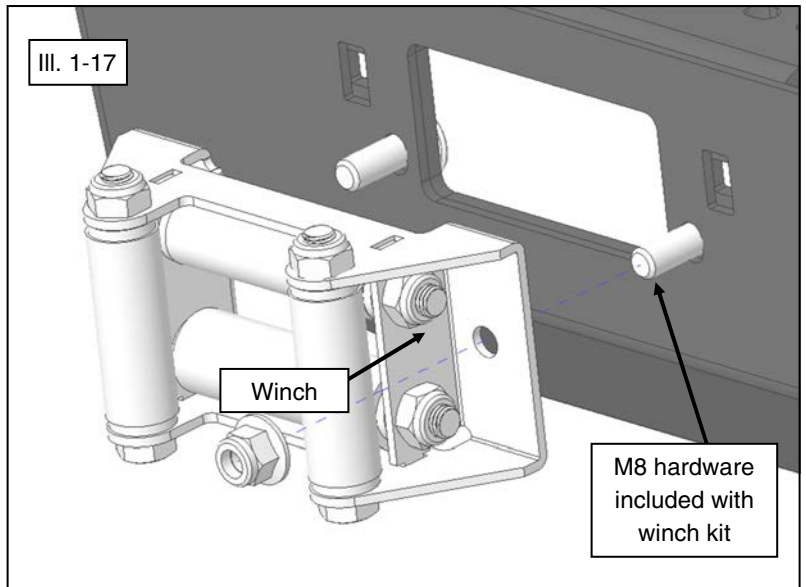
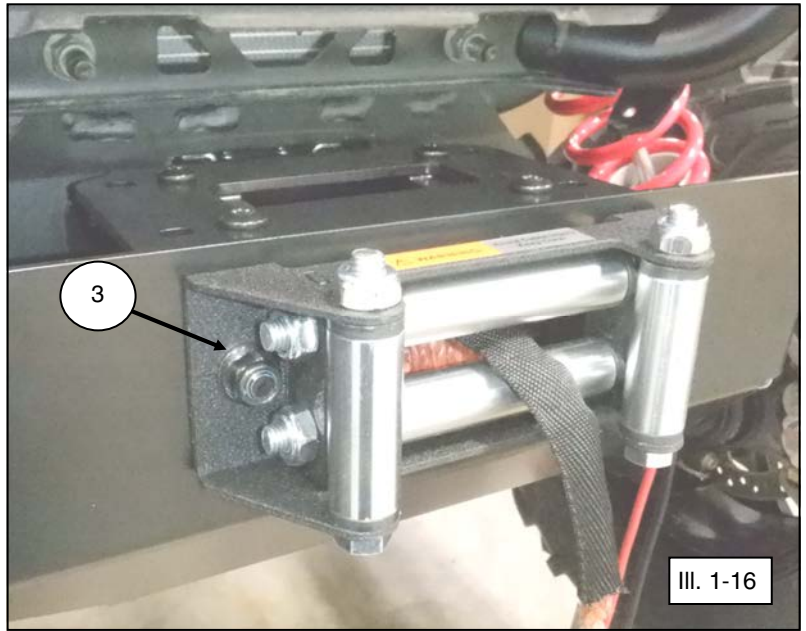



**RZR WINCH INSTALLATION (continued):**

19. Install the wide roller fairlead onto the carriage screws and fasten using M10 locknuts (item #3). (See illustrations 1-16 and 1-18). **Note, make sure that the bigger roller is positioned on the bottom.**
20. Tighten all M10 fasteners to specification. (See illustrations 1-16 and 1-18).

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<b>10MM FASTENER TORQUE:</b> 34 ft. lbs. (46 Nm)

21. For installing narrow roller fairlead, use the M8 fasteners (included in winch kit). The M8 screws will fit through lower set of holes as shown. Tighten to M8 fastener specification. **Note: The M10 carriage screws included in mounting kit will not be used with narrow roller fairlead installation.**
22. Route the rope cable thru the roller fairlead and attach the clevis hook and rubber bumper (if included with winch kit) onto the thimble end as shown. (See illustration 1-18).



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<b>8MM FASTENER TORQUE:</b> 17 ft. lbs. (23 Nm)

### Winch Cable Wrap Installation on Spool Drum:

23. The winch cable or rope should be wrapped around the spool drum as shown. Spooling the cable as shown will prolong cable life and enhance winch performance. (See illustration 1-19).

### Winch Wiring and Connections:

24. Using the winch kit instructions, route and connect the electrical cables and components for the winch system.

25. Route red and black power cables (included in winch kit) from winch assembly up through front gearcase area, up along radiator left side towards hood opening as shown. Use cable ties (included with winch kit) to secure the harness. (See illustrations 1-20, 1-21 and 1-22).

26. Continue routing red and black harness cables up and over the front left upper radiator support as shown. Secure cable bundle with plastic cable tie. (See illustration 1-21).

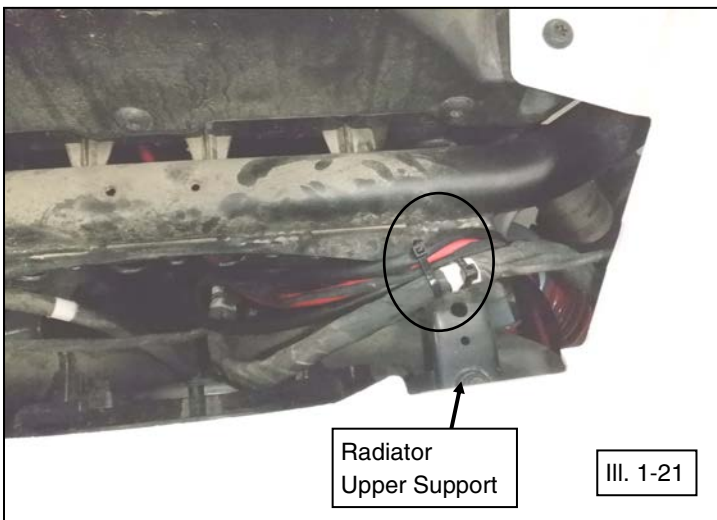
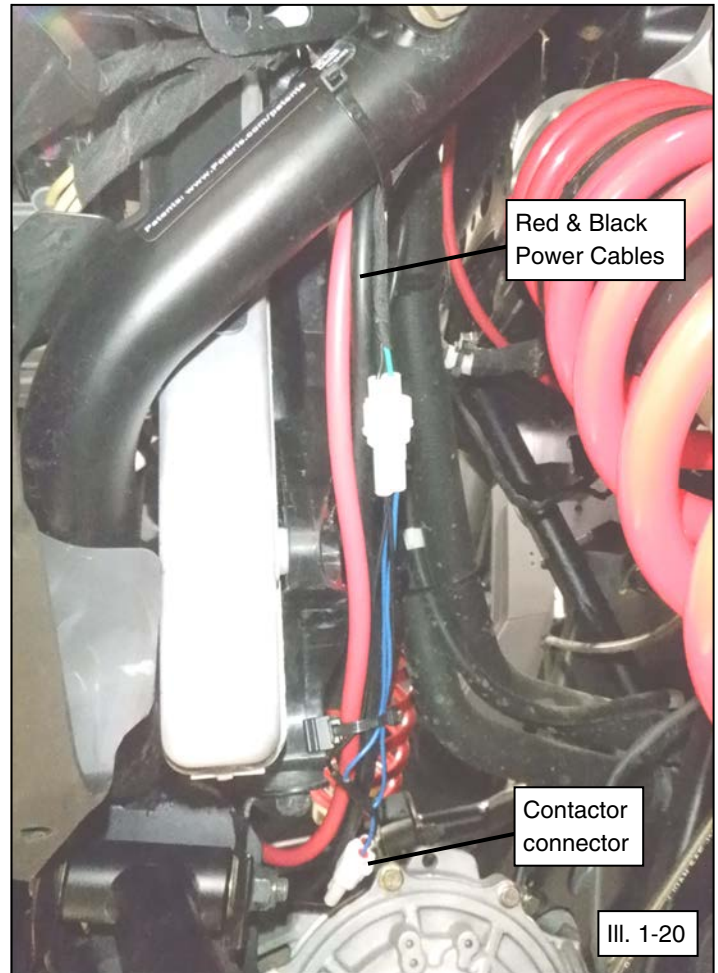
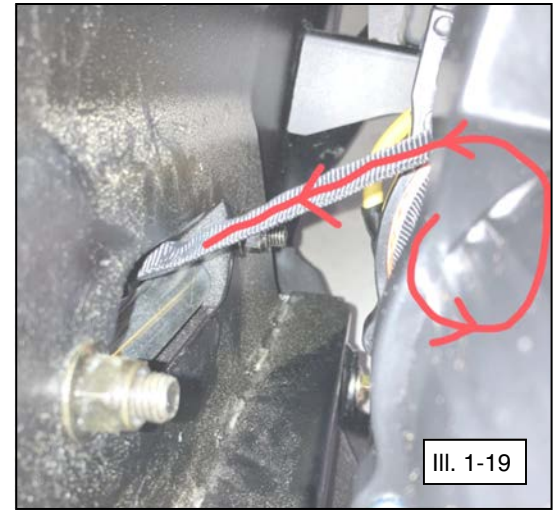
27. Route red and black cables down towards dash wall grommet. (See illustration 1-22).


28. Route red and black cables through the grommet in the front floor panel and up to the pulse bar area. Secure wire bundle with plastic cable tie as shown. (See illustration 1-22).

29. Remove M6 nuts from the negative and positive Pulse bar stud terminals. Save for reinstall later.

30. Install the winch red and black power cable connections to the Polaris Pulse Bar terminals with the two M6 nuts previously removed. Tighten to specification.

31. Secure all harnesses using cable ties (provided with winch kit) to prevent contact with hot components, sharp edges or moving parts.



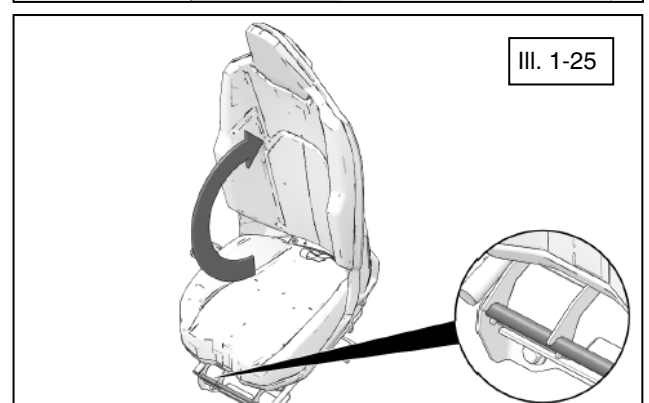
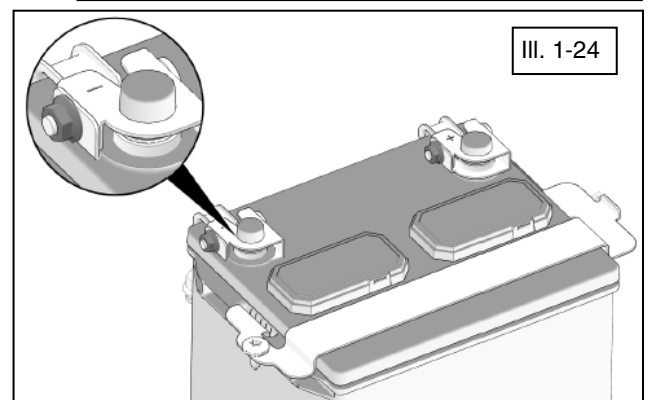
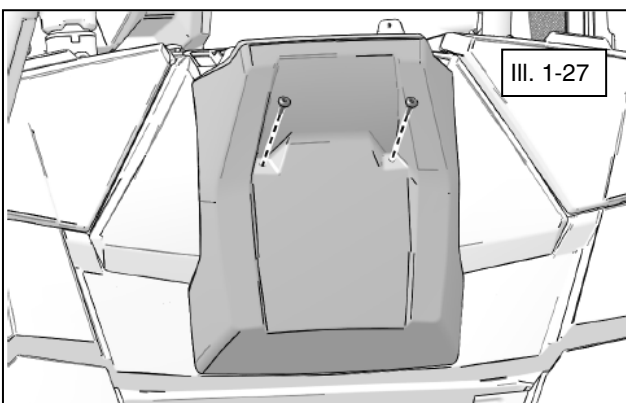
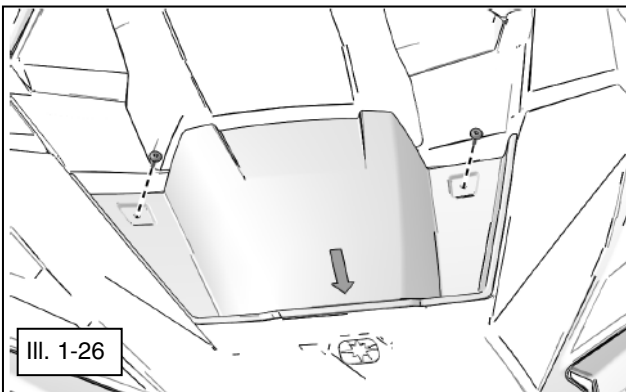
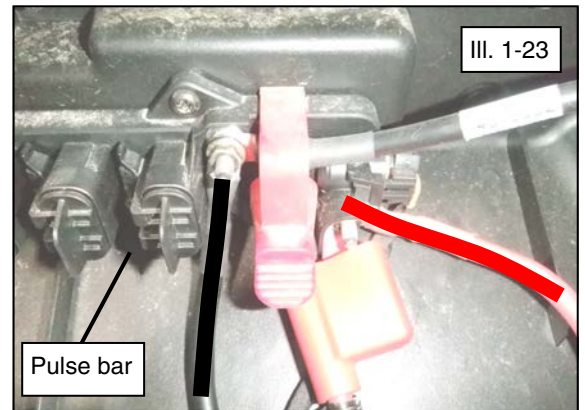
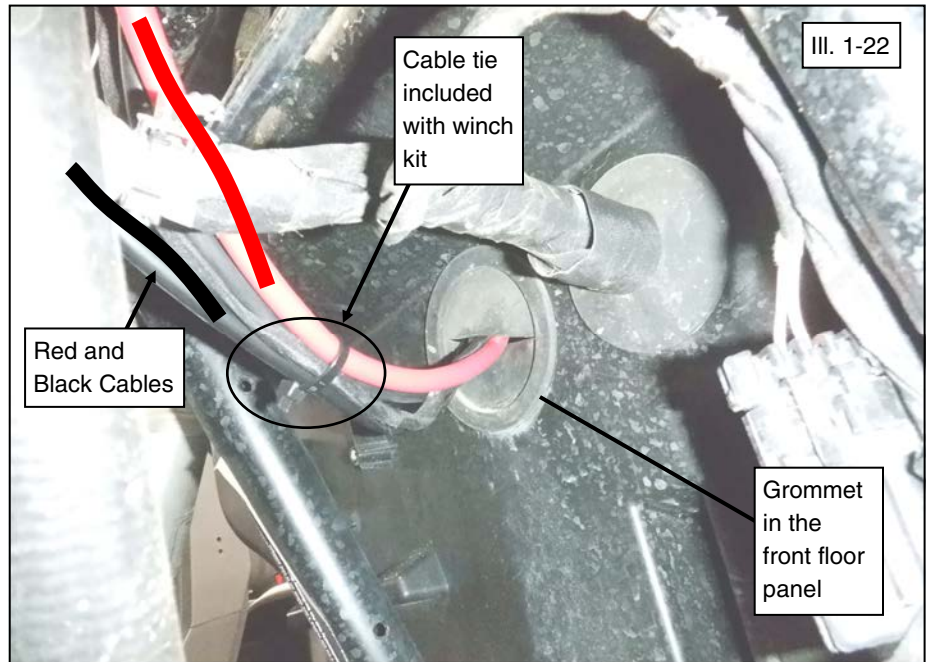
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<b>M6 NUT PULSE BAR FASTENER</b>
<b>TORQUE:</b>
44 in. lbs. (5.0 Nm)

### RZR FINAL INSPECTION:

32. Confirm that all wiring is correct.
33. Confirm that there are no exposed wires or terminals.
34. All loose wires need to be wrapped tight, and secured away from moving parts and heat sources.

### RZR REINSTALLATION:

35. Reconnect the red (positive) and black (negative) cables to battery terminals at this time using original hardware.
36. Re-install the seat.
37. Re-install the center hood.
38. Re-install the center instrument panel
39. Connect the corded winch remote switch (item #22) to the dash socket.
40. With vehicle key in the ON position, check winch for proper operation.
41. Retighten all hardware after 30 minutes of riding.





## One Year Limited Warranty

For the period of one (1) year from the purchase date, Kolpin will replace for the original purchaser, free of charge, any part or parts found upon examination by Kolpin to be defective in material, workmanship, or both.

All transportation costs incurred submitting product to Kolpin for warranty consideration must be borne by the purchaser. If Kolpin determines that the product must be returned to the factory for credit, please call 1-877-956-5746 for a Return Merchandise Authorization (RMA) number and shipping instructions.

This warranty does not apply to parts that have been damaged by accident, alteration, abuse, improper maintenance, normal wear, or other causes beyond the manufacturer's control. In order to protect you and your ATV, certain parts of the accessory system and/or hardware are designed to fail when the equipment is over-stressed. Parts that are lost due to loosening and improper maintenance are not covered under warranty. This warranty does not cover removal or reinstallation labor fees of the plow system and related components.

Peripheral products such as engines, electric motors, and actuators may carry an original manufacturer's warranty. Most hardware is general in nature and is easily obtained locally. Be sure to replace with minimum metric class 8.8 specification.

**Kolpin Outdoors, Inc.**

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**Toll Free: (877)-956-5746**

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