

Honda Talon 1000 Quick-Mount 4500lb. Winch Kit

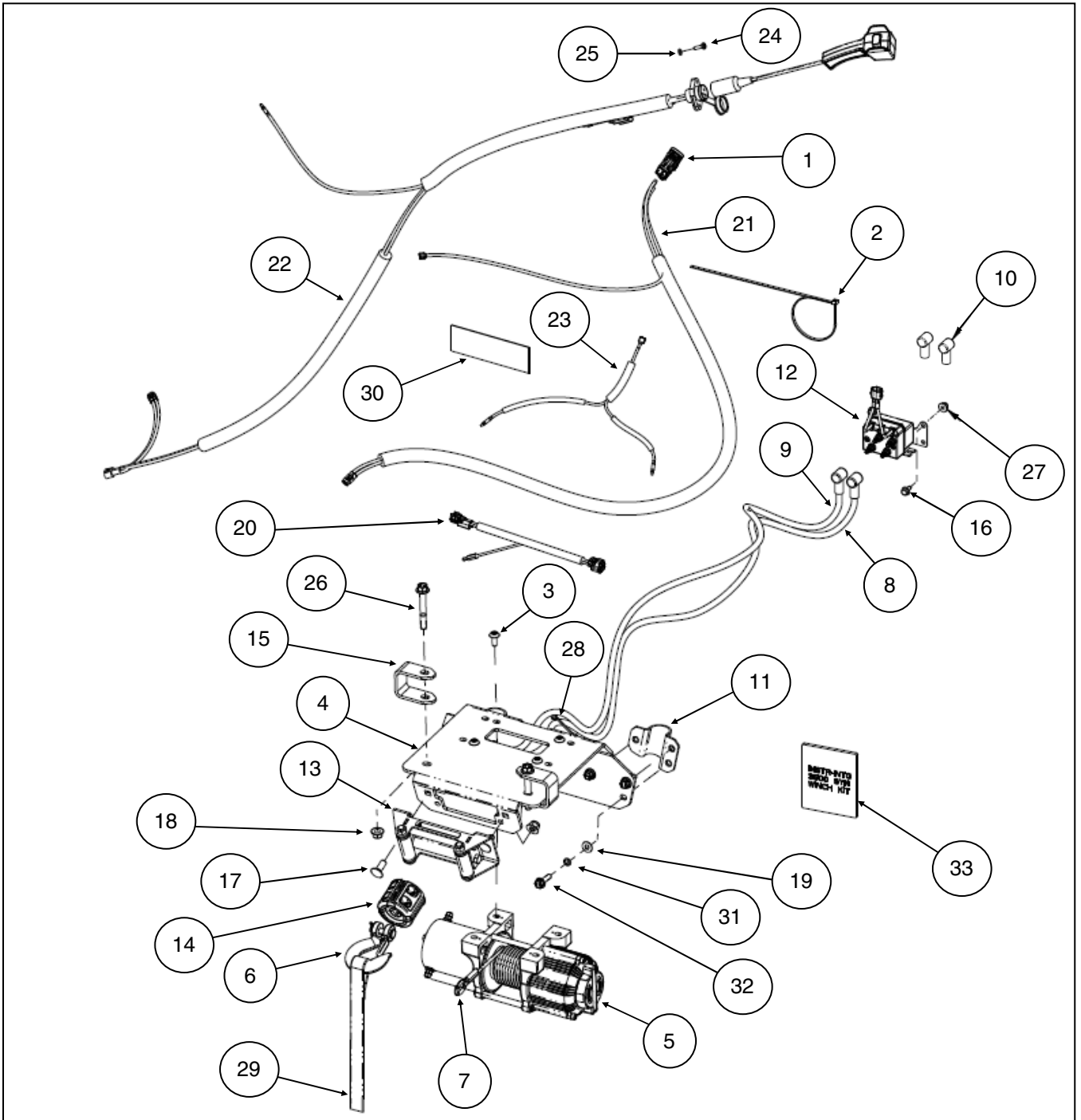


Product Instructions | Part No: 26-1050

Application: Honda Talon 1000, verify accessory fitment at Kolpin.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.

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



This Kit includes:

Item	Qty	Part Description	Part Number
1	1	Dash Switch, Panel Mount	25-0700
2	6	Cable Ties, Nylon	-
3	4	Button Screw, Zinc Plated, M8 x 1.25 - 20mm LG	7519260
4	1	Mounting Bracket	25-1300
5	1	Winch - Kolpin, 4500lb.	25-9450R
6	1	Hook, Winch Latch	RPR0108
7	1	Winch Cable, Synthetic - 4500lb.	85064
8	1	Winch Connection Cable, Yellow 6 GA (1626mm)	-
9	1	Winch Connection Cable, Blue 6 GA (1626mm)	-
10	2	Cap for Connection Cable, Black	-
11	2	Frame Clamp, Painted, M8-1.25	25-1300
12	1	Contactor, Solenoid, 12V	85068
13	1	Roller Fairlead, Wide Pattern	85087
14	1	Rubber Winch Stopper	85080
15	2	U Bracket Clamp	25-1300
16	2	Hex Flange Screw, Zinc Plated, M6 x 1.0 - 15mm LG	7518513
17	2	Carriage Screw, Zinc Plated, M10 x 1.5 - 25mm LG	7519372
18	4	Hex Flange Locknut, Zinc Plated, M10 x 1.5	7547423
19	6	Flat Fender Washer, Zinc Plated, M8	7556379
20	1	Honda SxS Vehicle Accessory Power Harness	26-1000-CP03
21	1	Honda SxS Vehicle Dash Switch Harness	25-0700
22	1	Vehicle Coded Remote Switch & Harness	85067
23	1	Vehicle Accessory Power Splitter Harness	26-3000-CP05
24	2	Pan Head Screw, Zinc Plated, #10 x 0.75" LG	-
25	2	Flat Washer, Zinc Plated, M5	-
26	2	Hex Flange Screw, Zinc Plated, M10 x 1.5 - 75mm LG	7521333-75
27	2	Hex Flange Locknut, Zinc Plated, M6 x 1.0	7547339
28	1	Fir-Tree Clip, Plastic Cable Tie	7081496
29	1	Hook Strap, Hand Saver, Orange	85071
30	1	Promo Decal	-
31	6	Lock Washer, Zinc Plated, M8	7556111
32	6	Hex Flange Screw, Zinc Plated, M8-1.25 x 30mm LG	7521332-30
33	1	Instruction Guide	-
-	-	Service Free Spool Handle Knob (not included in kit)	85072

Tools Required:

- Drill or cutting tools for plastic
- Socket Set, Torx Bit
- Pliers
- Safety Glasses
- Hex Key Set, Metric
- 1" Hole Saw or Drill Bit
- Torque Wrench
- Socket Set, Metric
- Wrench Set, Metric
- Electric Drill or Dremel tool
- 9/64" Drill Bit

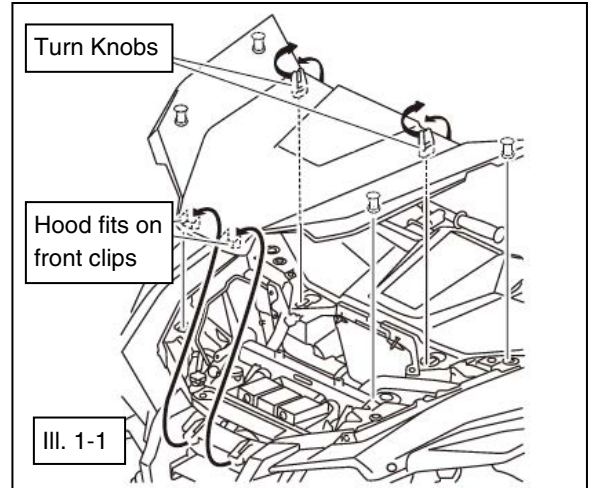
Assembly Time: Approximately 30 minutes

Note: The 26-1050 kit comes mostly assembled from factory. Some assembly is required.

Important: Your Kolpin Talon Quick-Mount Winch 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. Additional time may be required to accommodate other installed accessories.

TALON 1000 PREPARATION:

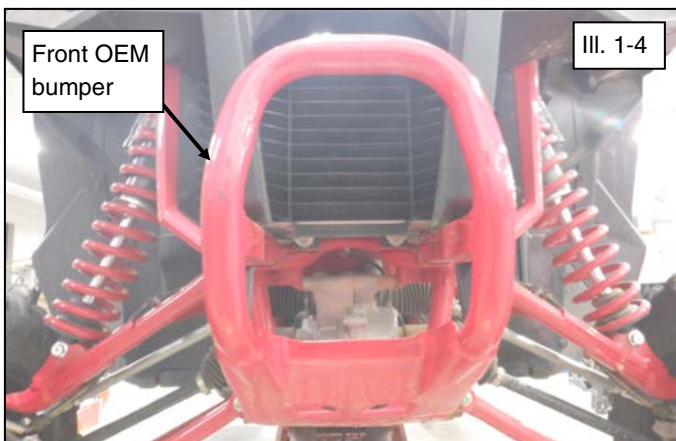
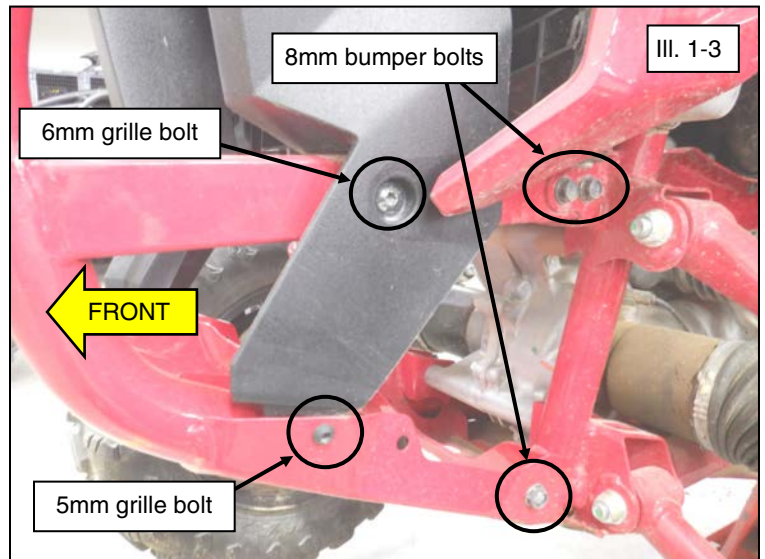
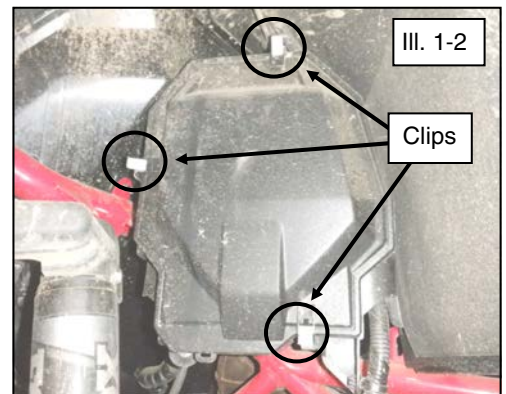
1. Shift vehicle transmission into "PARK". Turn key to "OFF" position and remove from vehicle.
2. To gain access to electrical connections, turn the hood knobs, pull upwards to release tabbed grommet holds and remove hood as shown. (See illustration 1-1).
3. Locate the battery box, release clips and remove cover. Disconnect black (negative) and red (positive) cables 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.

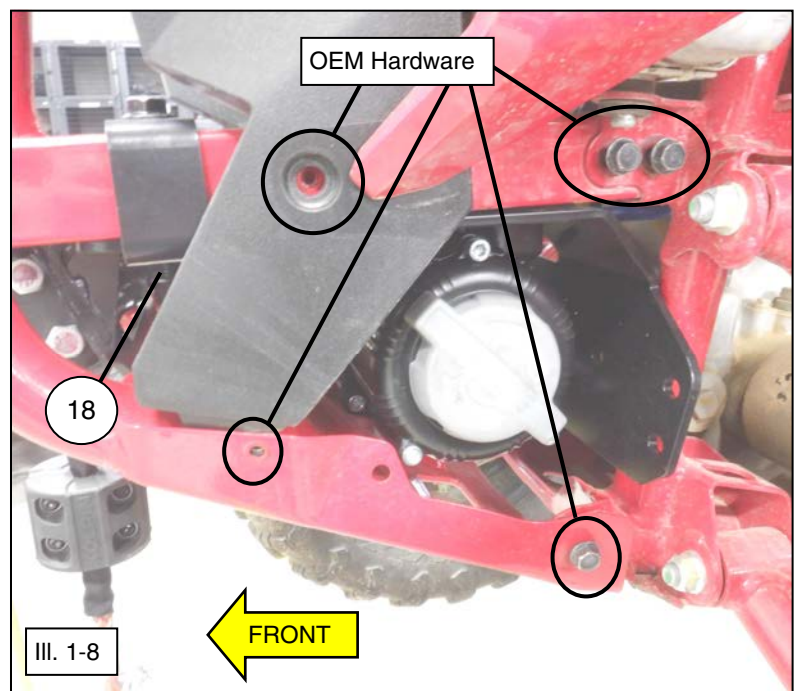
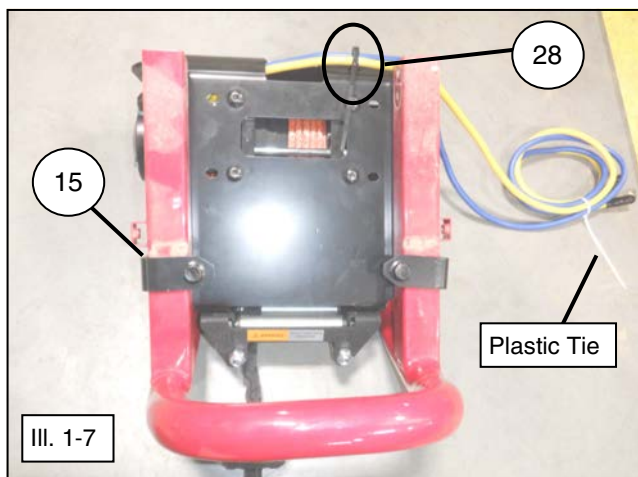
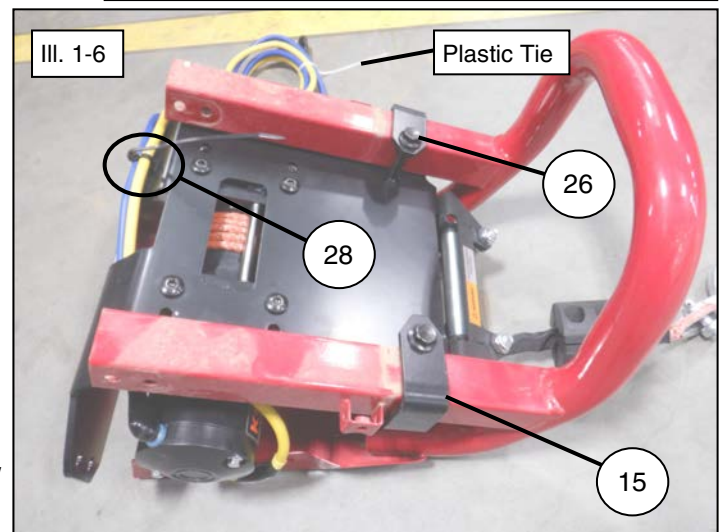
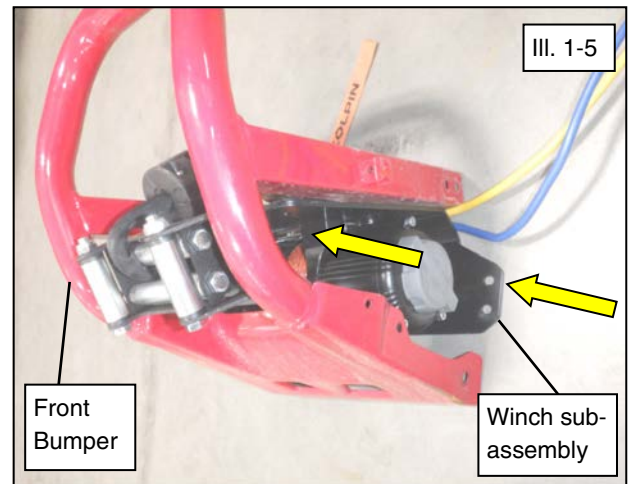
4. Remove the bumper screws from each side and front bumper as shown. Save all for re-install later. (See illustrations 1-3 and 1-4). **Note, the 5mm, 6mm and 10mm bolts will be re-used for bumper installation later. This winch can be used with the stock bumper and Honda Signature Accessory Front Bumper (see illustration 1-12).**
5. Remove the Talon winch assembly from the packaging.



TALON 1000 WINCH INSTALLATION:

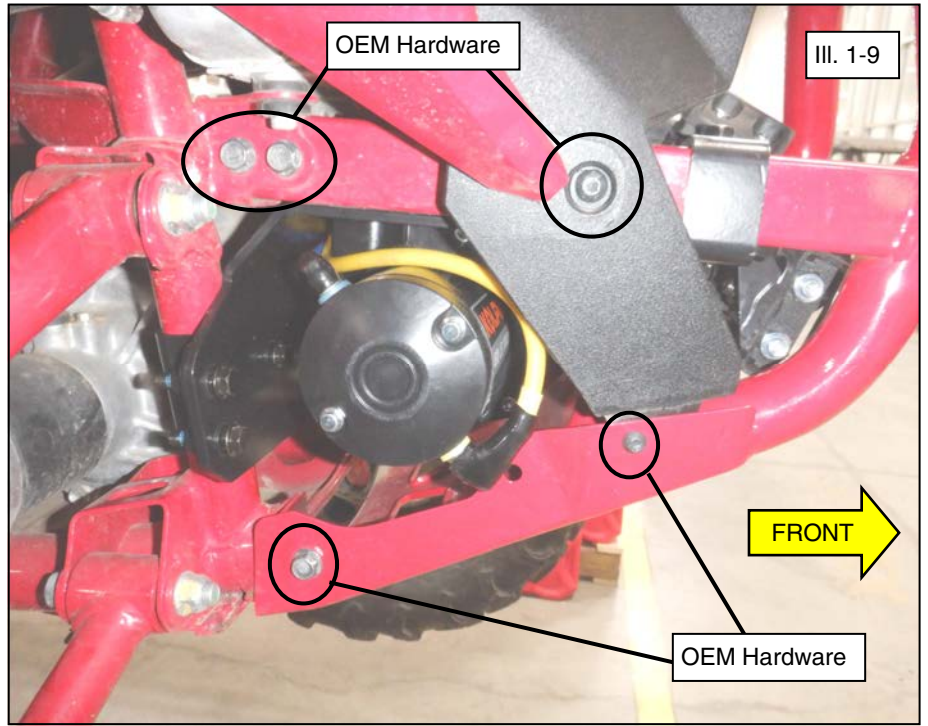
NOTE: See the Electrical Connections Reference Guide section of the instruction manual for detailed photos of each part and their respective connections.

6. Position the winch sub-assembly into the front bumper as shown. (See illustration 1-5).
7. Assemble the mounting bracket to the front bumper using the U – Bracket Clamps (item #15) and two M10 long bolts (item #26). Place the U-Bracket over the bumper frame tube as shown. Insert the bolts thru the winch bracket and U - Bracket and then fasten from bottom using two M10 locknut (item #18). (See illustrations 1-6, 1-7 and 1-8). **Note, do not tighten hardware at this time.**
8. Locate the yellow and blue wires on winch assembly. If they are secured together as a bundle with a plastic tie, cut the tie to allow the wires to be routed properly. Then locate the black cable tie (item #28) and close around the blue and yellow cables, securing to winch mount (item #4). (See illustrations 1-6 and 1-7).
9. Install winch-bumper assembly onto the frame re-using the OEM hardware removed in step 4 as shown. Check that all wires are free to move and not pinched between the vehicle chassis and the winch-bumper assembly. Route the blue and yellow power cables first into window above front gearcase, up behind radiator. (See illustrations 1-8, 1-9 and 1-11). **Note, do not tighten hardware at this time.**



TALON 1000 WINCH INSTALLATION (continued):

10. Install the Frame Clamps (item #11) onto the back side of the vertical frame tubes, lining up with winch mount plate (item #4) as shown. Fasten the clamps by inserting M8 screws (item #32), M8 lock washers (item #31) and M8 flat washers (item #19) through the winch mount plate holes. (See illustrations 1-9, 1-10 and 1-11).
11. Tighten the OEM bumper hardware to specifications listed below: four M8 upper bumper screws, two M8 lower bumper screws, two M6 upper plastic grille screws and two M5 lower plastic grille screws.



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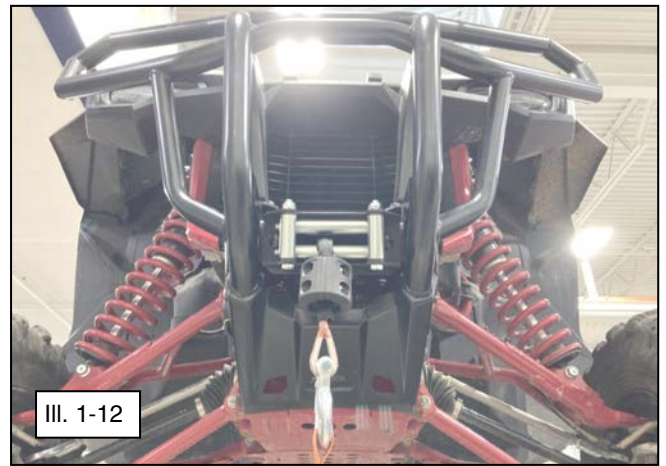
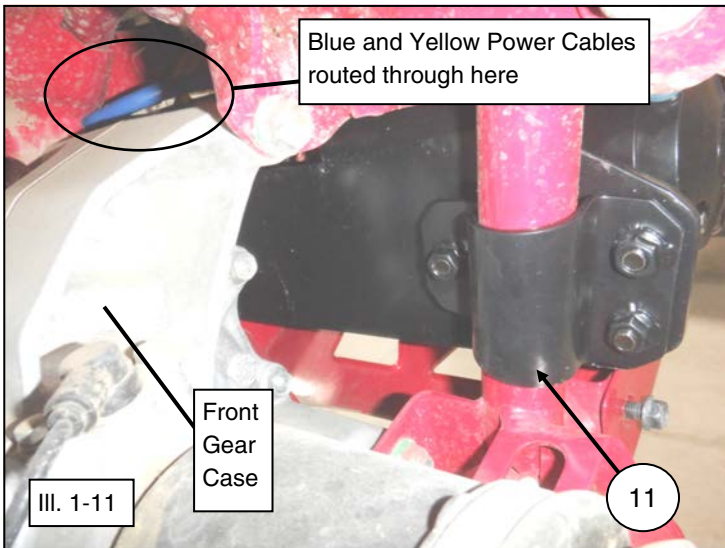
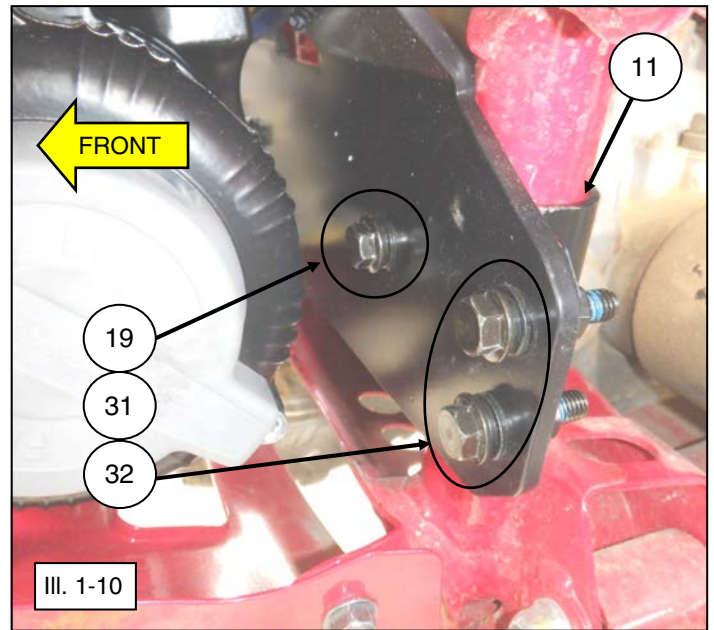
BUMPER 8MM FASTENER TORQUE:
17 ft. lbs. (23 Nm)

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PLASTIC GRILLE 6MM FASTENER TORQUE:
7 ft. lbs. (9.5 Nm)


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
PLASTIC GRILLE 5MM FASTENER TORQUE:
4 ft. lbs. (5.5 Nm)

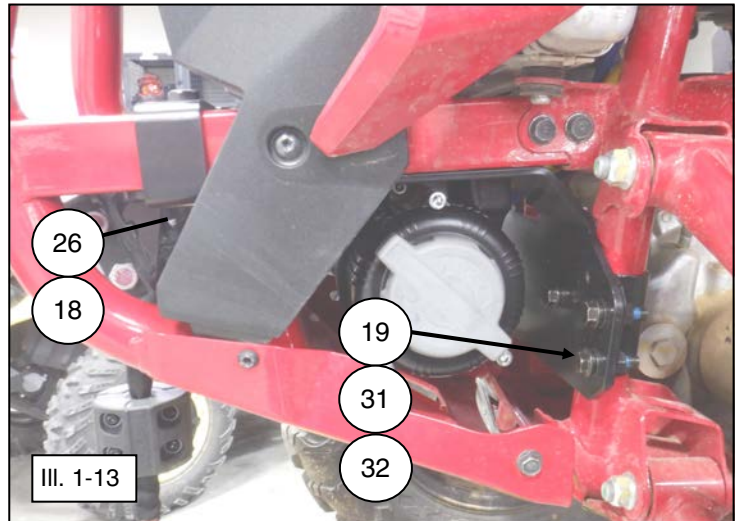


TALON 1000 WINCH INSTALLATION (continued):

12. Tighten the Winch Mount M10 and M8 hardware as specified below. (See illustration 1-13).

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10MM FASTENER TORQUE: 34 ft. lbs. (46 Nm)

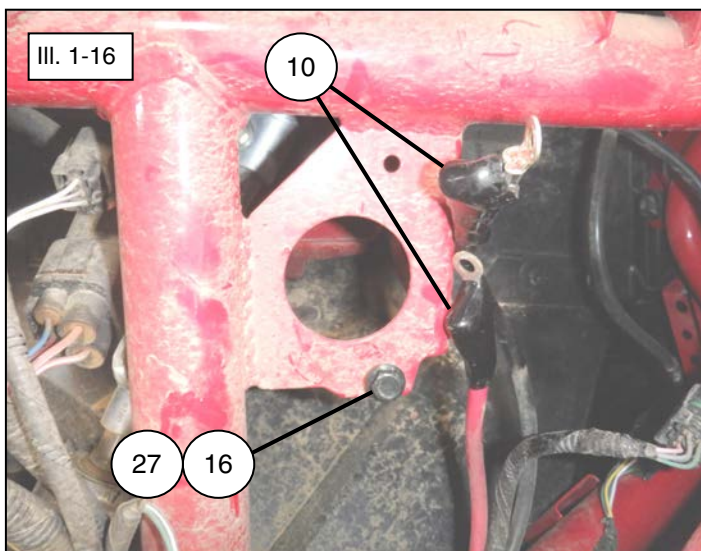
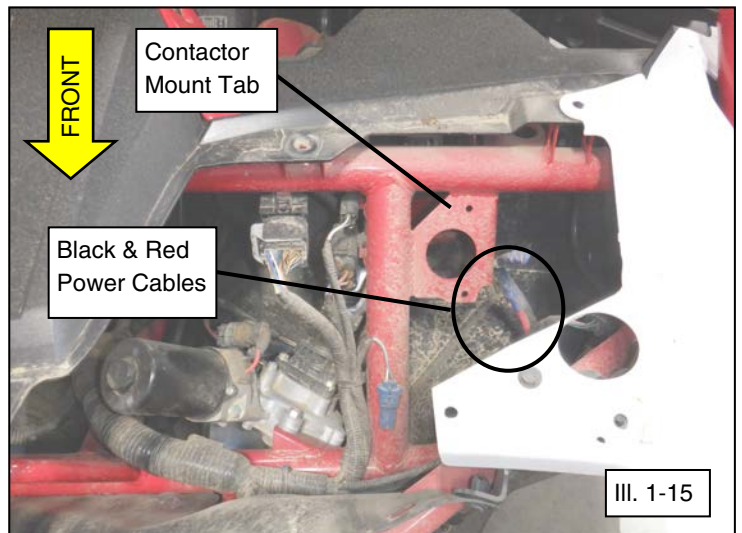
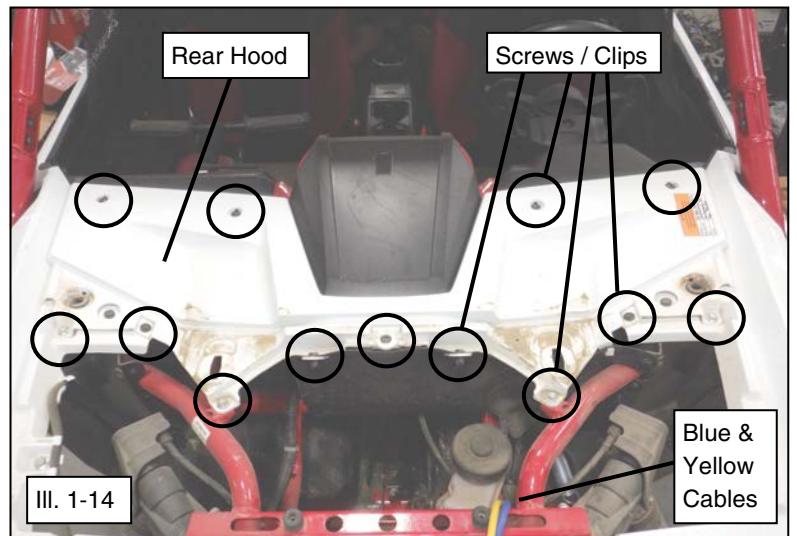
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8MM FASTENER TORQUE: 17 ft. lbs. (23 Nm)



13. To gain access to install Contactor (item #12), remove the rear hood by removing hex socket screws, flange screws and plastic trim clips. The blue and yellow power cables can be pulled up behind the radiator. (See illustration 1-14). **Note, the rubber splash shield can remain in place, but can be folded down for cable routing access.**

14. Locate the black and red power cables secured to the instrument panel at the location shown. Remove the blue protective tape from the terminals. (See illustration 1-15).

15. Install a black rubber insulated terminal boot over the end of the black and red power cables as shown. Install M6 screw (item #16) onto contactor mount tab and fasten from backside using M6 locknut (item #27). (See illustration 1-16). **Note, do not tighten hardware at this time.**

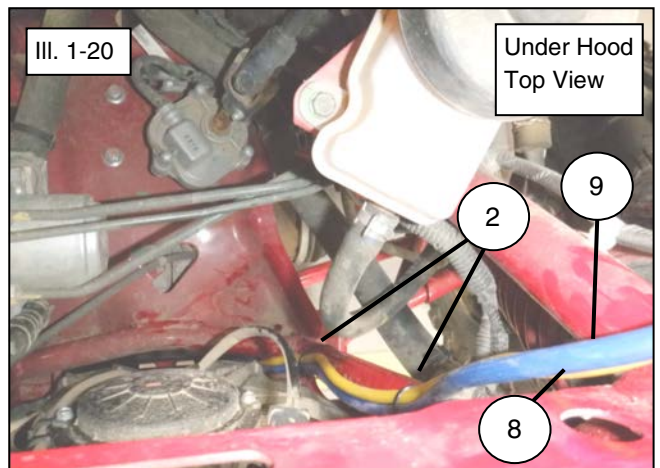
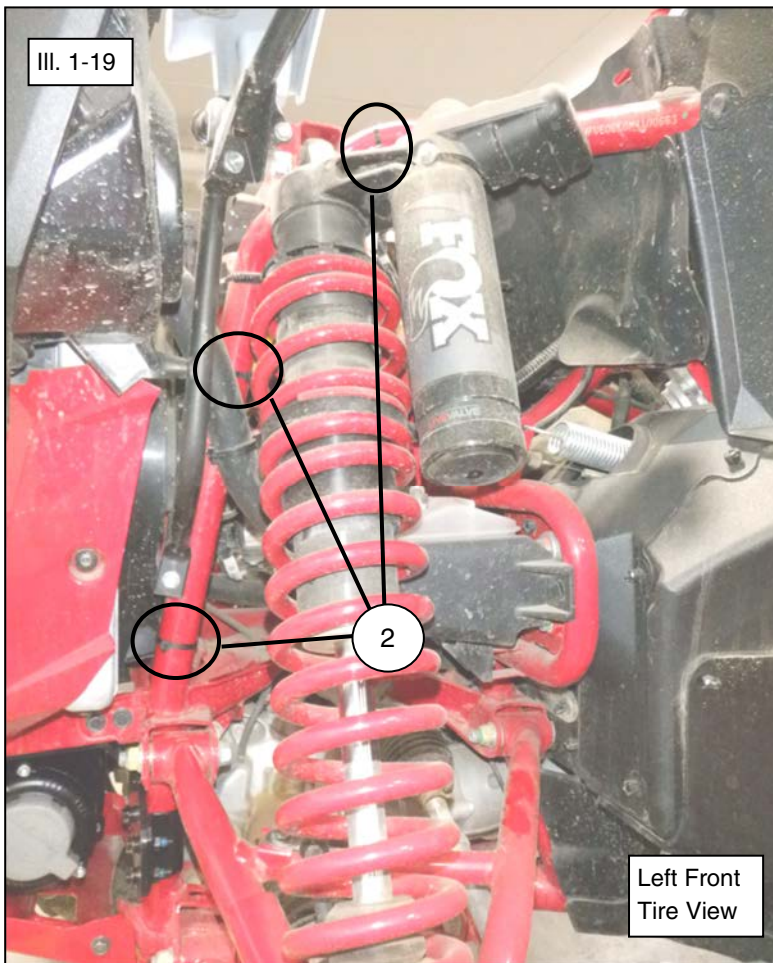
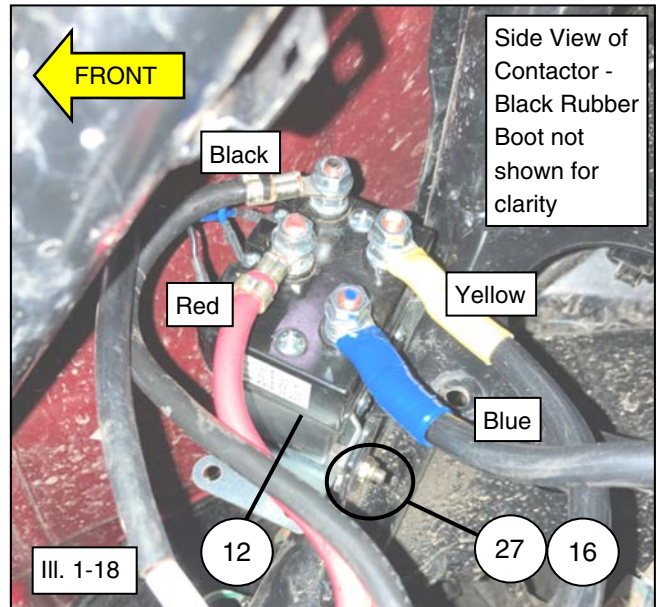
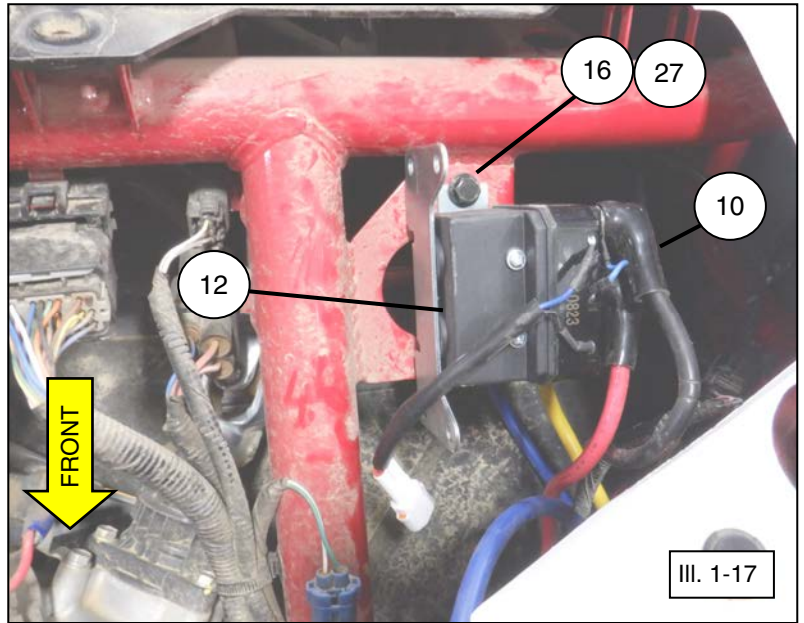


**TALON 1000 WINCH INSTALLATION
(continued):**

16. Install the contactor (item #12) to the frame tab as shown using two M6 screws (item #16) and fasten using M6 locknut (item #27) from underneath. (See illustrations 1-17 and 1-18). **Note, do not connect the winch cables to the battery at this time.**


17. Install the black and red power cables to the corresponding colored contactor terminals with the provided M6 nut as shown. (See illustrations 1-17 and 1-18). **Note, the insulated black rubber boot terminals are not shown for clarity. Make sure to install the rubber boots onto the cable terminals for contactor stud terminals. Do not tighten M6 contactor nuts at this time.**

18. Route the blue (item #9) and yellow (item #8) power cables along frame tubes, behind radiator, over front left shock, as shown to contactor location. Secure the wires using plastic cable ties (item #2) to the frame tubes at the four locations shown. (See illustrations 1-19, 1-20, 1-21 and 1-22).

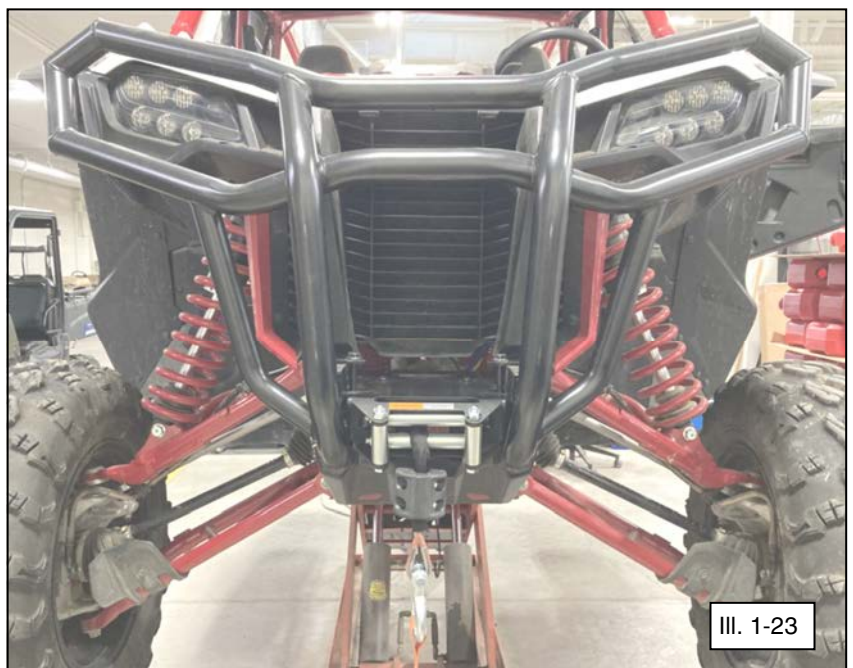
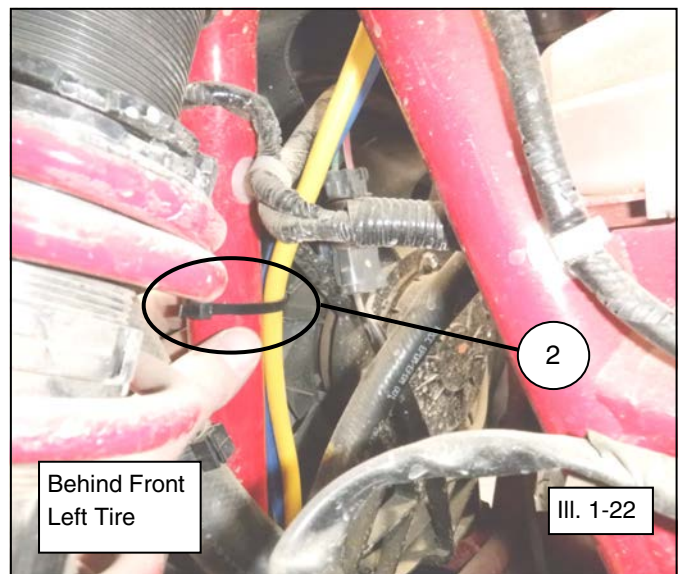
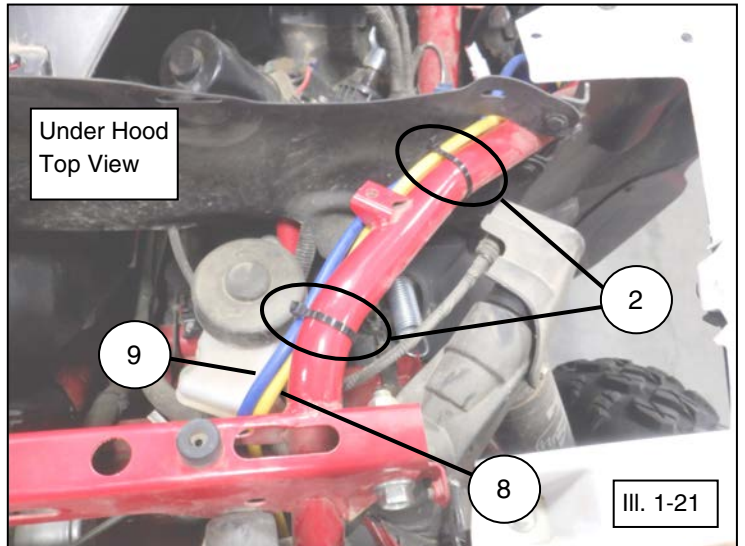


TALON 1000 WINCH INSTALLATION (continued):

- 19. Install the blue and yellow power cables to the corresponding colored contactor terminals with the provided M6 nut as shown. (See illustrations 1-17 and 1-18).
- 20. Tighten the M6 Contactor nuts to below specifications.

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6MM CONTACTOR NUT FASTENER TORQUE:
3 ft. lbs. (4.0 Nm)

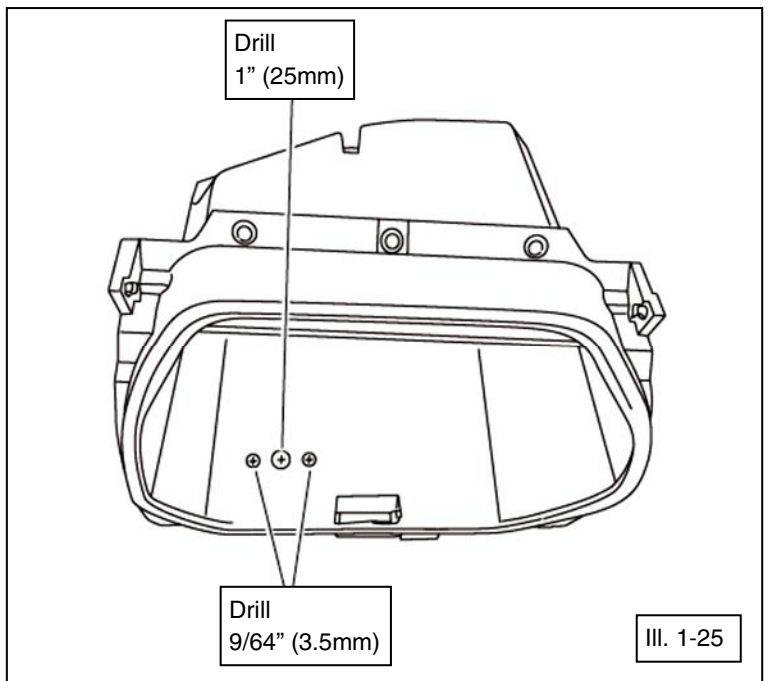
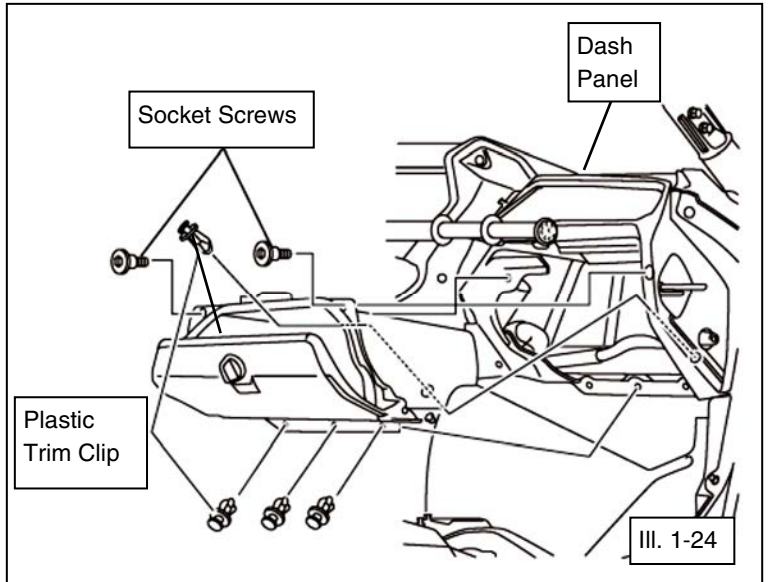
- 21. Slide the insulated rubber terminal boots over the four contactor stud terminals. (See illustration 1-17).
- 22. The front bumper and winch installation steps are complete as shown and following steps are for the control switch installations.




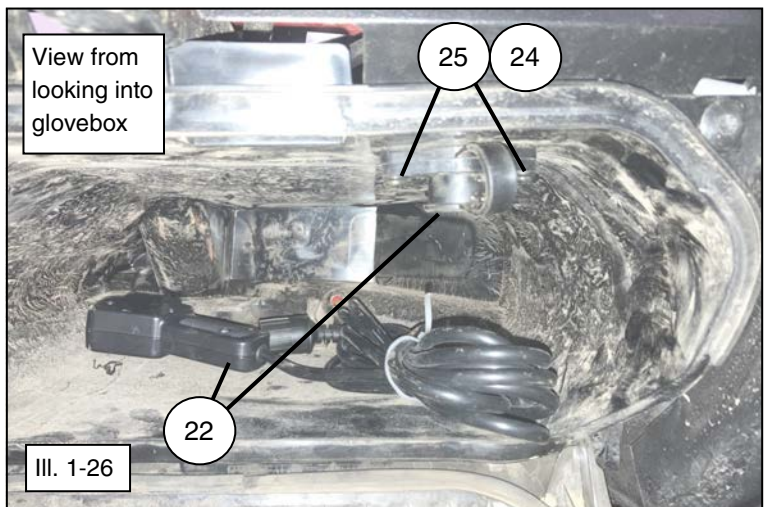
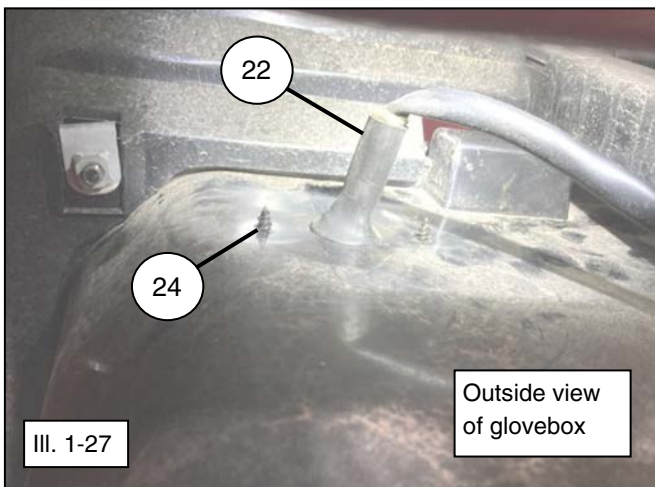
TALON 1000 CORDED REMOTE SWITCH INSTALLATION:

NOTE: See the *Electrical Connections Reference Guide* section of the instruction manual for detailed photos of each part and their respective connections.

23. Remove the glovebox from vehicle dash panel by removing the screws and plastic trim clips as shown. Save for reinstall later. (See illustration 1-24). **Note, there is a plastic trim clip deep inside bottom of glovebox that will need to be removed.**
24. Remove the glovebox door by gently flexing the plastic at the hinge to free the hinge pin, then pull outwards to release.
25. The interior top surface of the glovebox is marked with three index locations as shown. Drill thru the plastic wall at the outer two holes using a 9/64" (3.5mm) diameter bit. Drill the center hole using 1" (25mm) diameter bit. (See illustration 1-25).
26. From inside the glovebox, feed the corded remote harness thru the large hole and install the dash socket flange connector (item #22) using the supplied M5 flat washers (item #25) and small screws (item #24) into the glovebox panel as shown. (See illustrations 1-26 and 1-27).
27. Torque screws to the specification listed, being careful not to overtighten.



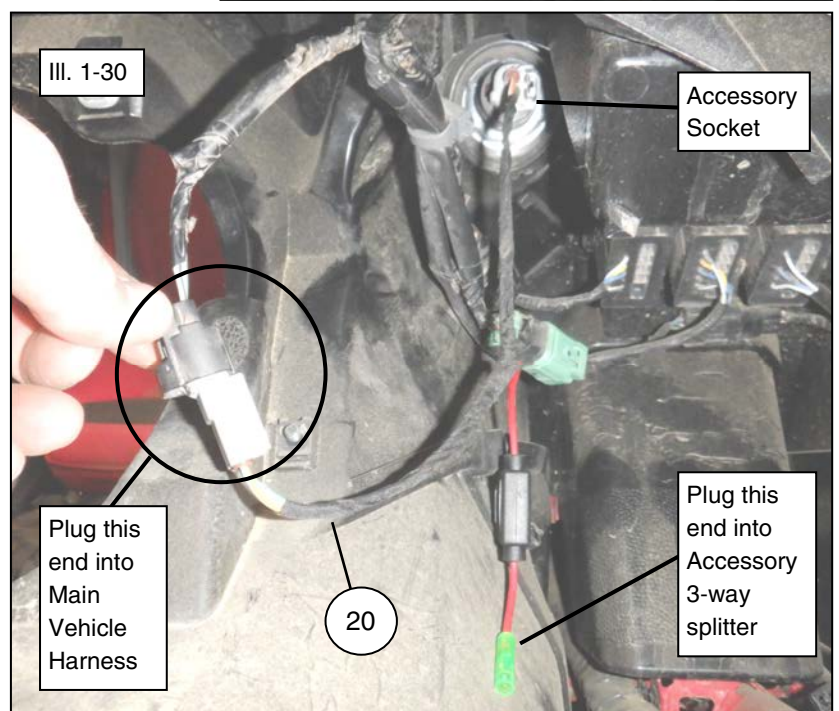
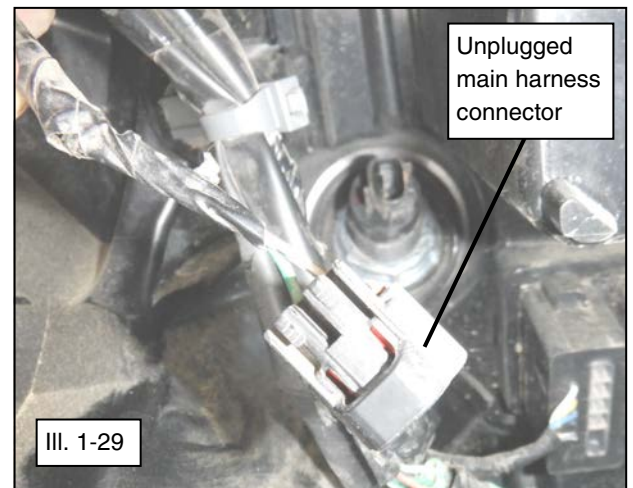
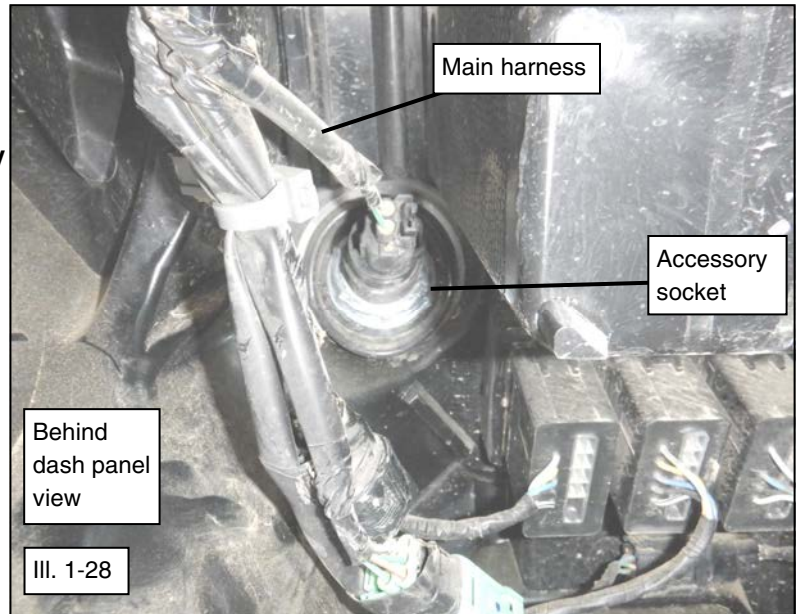
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SWITCH SCREW FASTENER TORQUE:
2 ft. lbs. (2.7 Nm)



TALON 1000 CORDED REMOTE SWITCH INSTALLATION (continued):

NOTE: See the *Electrical Connections Reference Guide* section of the instruction manual for detailed photos of each part and their respective connections.

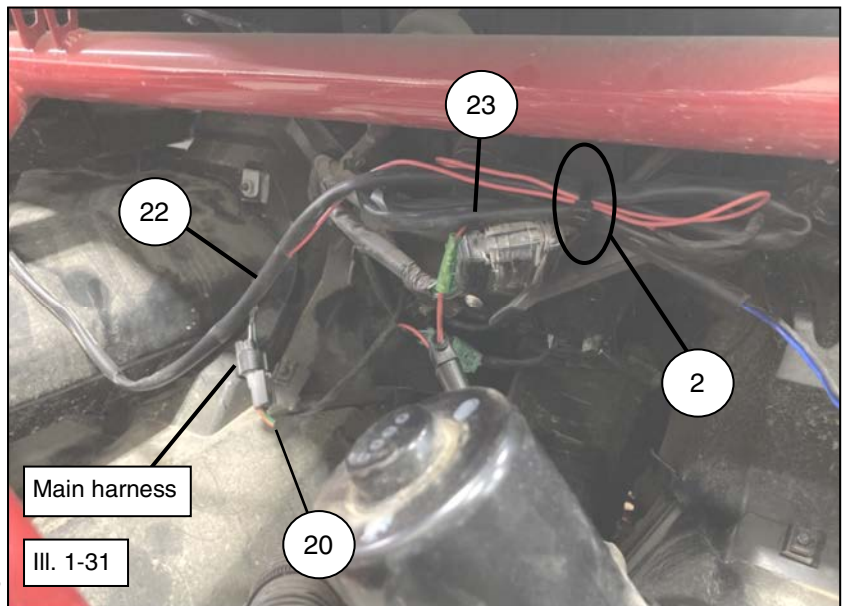
28. From behind the dash, locate the accessory socket and disconnect the vehicle main harness connector as shown. (See illustrations 1-28 and 1-29).
29. Install and connect the Talon Accessory Power Harness (item #20) to the accessory socket and to the main vehicle harness as shown. (See illustrations 1-30 and 1-31).
30. Reinstall the glovebox using the OEM fasteners.



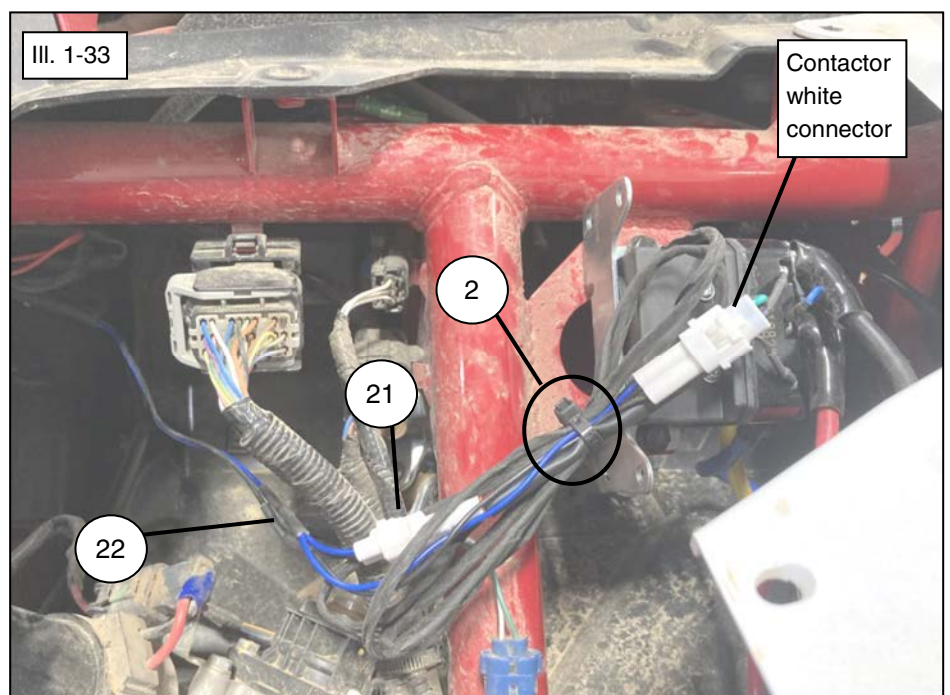
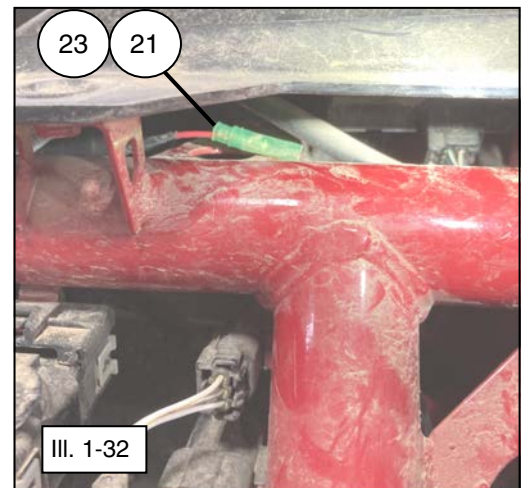
TALON 1000 CORDED REMOTE SWITCH INSTALLATION (continued):

NOTE: See the *Electrical Connections Reference Guide* section of the instruction manual for detailed photos of each part and their respective connections.

31. Now connect the Accessory Power Splitter Harness (item #23) into the Corded Remote harness red lead (item #22) and Accessory Power Harness red receptacle connector (item #20). Secure and bundle the winch harnesses using plastic tie (item #2) as shown. (See illustrations 1-31 and 1-32). **Note, the power accessory splitter harness will also be used to connect to the Dash Mount switch.**



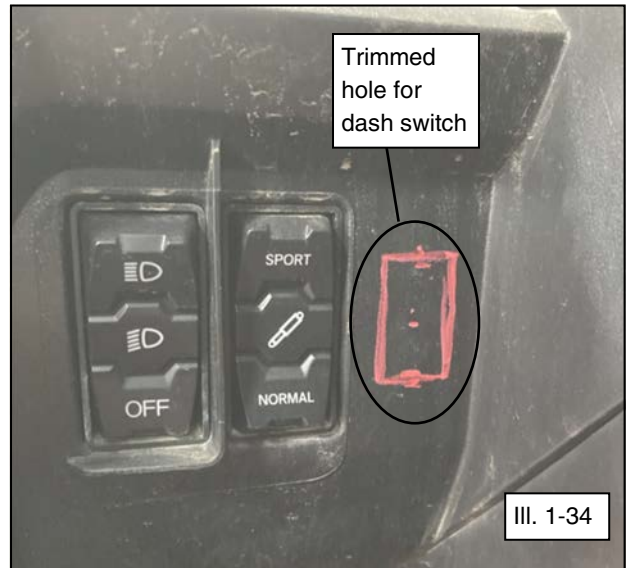
32. Route and connect the white harness connector from Corded Remote harness (item #22) to the winch contactor connector as shown. (See illustration 1-33).



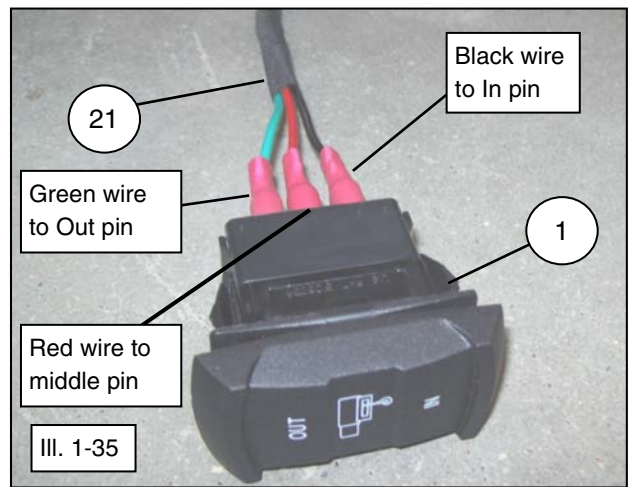
TALON 1000 DASH MOUNT SWITCH INSTALLATION:

NOTE: See the Electrical Connections Reference Guide section of the instruction manual for detailed photos of each part and their respective connections.

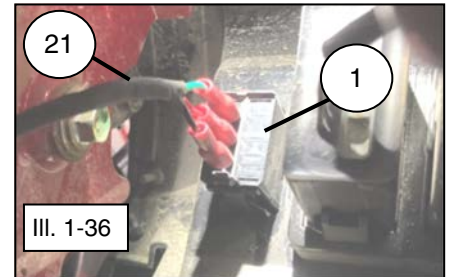
- 33. Install dash mount switch (item #1) to desired location on your dash. Check to see if your vehicle has marked rectangular predefined switch location and trim area out. If not, use the cut-out dimensions shown below to cut-out the switch location in your desired location. (See illustrations 1-34, 1-37 and 1-38).
Note, the pattern shown in 1-38 may not be printed to scale.
- 34. Connect the dash mount switch (item #1) to the Talon Vehicle Dash Switch Harness (item #21). Connect green wire to the "Out" pin, red wire to the middle pin and black wire to the "In" pin as shown. (See illustrations 1-35 and 1-36).
- 35. Insert the dash switch harness and switch assembly thru the panel hole as shown. The switch will clip into the dash panel. (See illustration 1-36).
- 36. From under the hood area, on firewall, connect the red lead wire from dash switch harness into the Accessory Power Splitter Harness (item #23) red wire receptacle, as mentioned in previous step 31. (See illustration 1-32).
- 37. Route the remaining length of the dash switch harness (item #21) along the Corded Remote Switch harness (item #22), previously installed in step 32, to contactor location. Connect the dash switch white connector into the pigtail corded remote harness white connector as shown. Secure wire bundle using plastic cable tie (item #2). (See illustration 1-33).



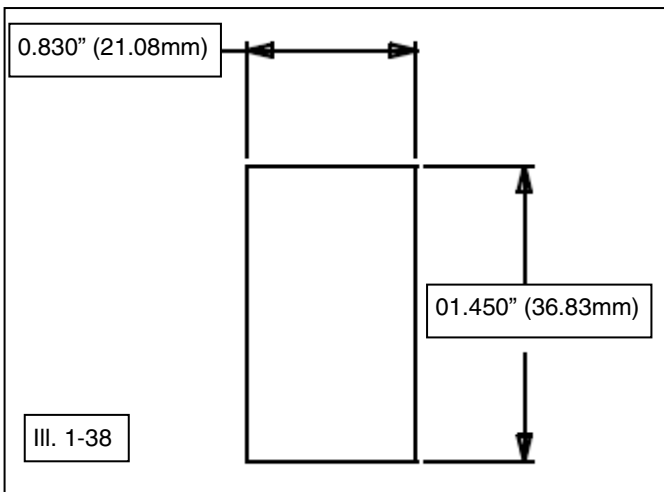
Ill. 1-34



Ill. 1-35



Ill. 1-36



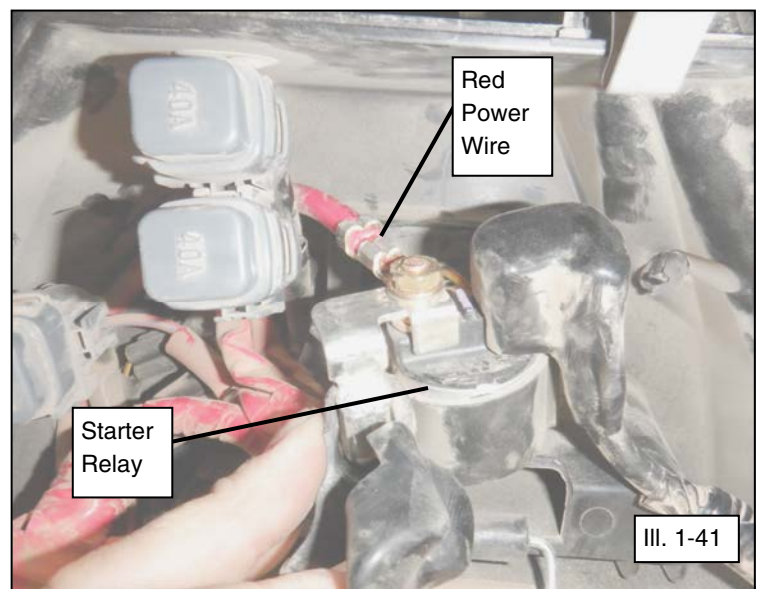
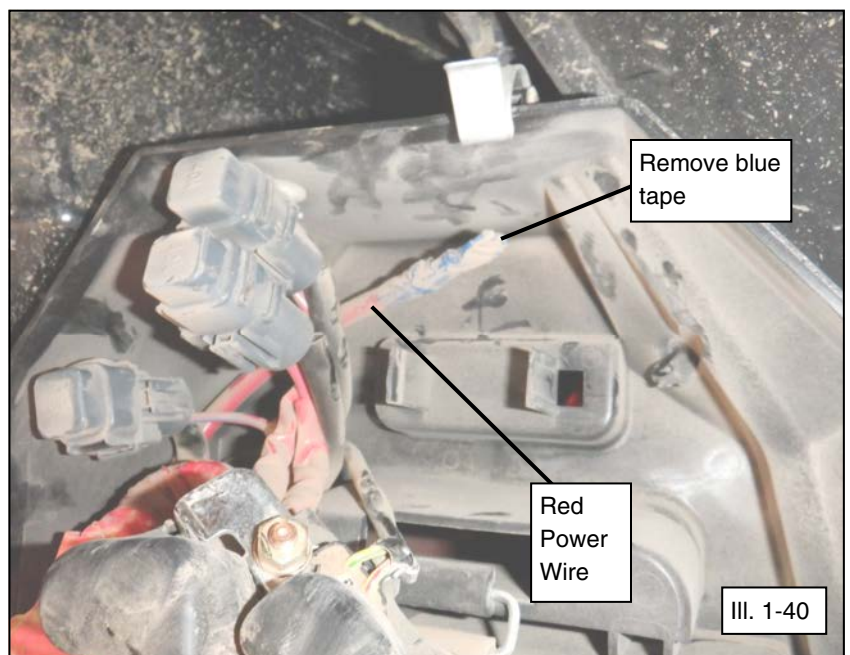
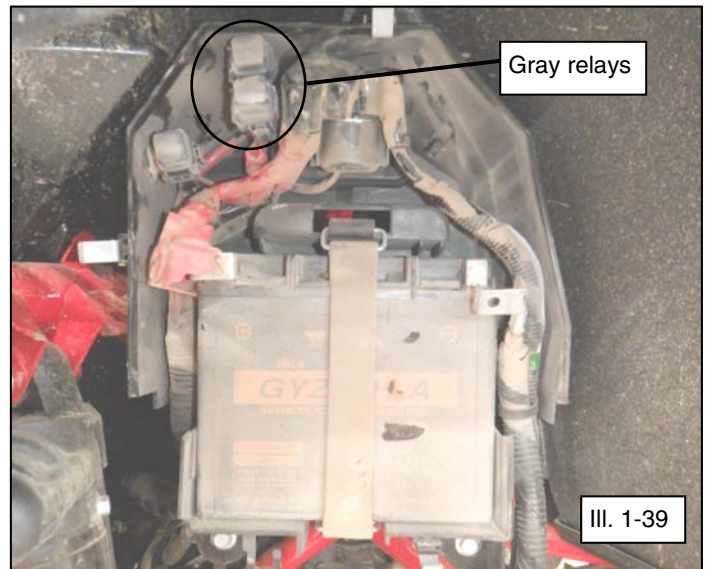
Ill. 1-38



Ill. 1-37

TALON 1000 BATTERY POWER CABLE INSTALLATION:

38. From the battery box location, find the Red Power Wire with the angled battery terminal. The red wire is behind the gray relays. Remove the blue protective tape from red wire terminal. (See illustrations 1-39 and 1-40). **Note, the starter relay can be removed by sliding the rubber strap off the battery box plastic standoff tab.**
39. Remove the left starter relay terminal boot and connect the red wire to starter terminal as shown. (See illustration 1-41).
40. Reinstall terminal boot and return rubber relay strap to the battery box plastic standoff tabs.



TALON 1000 FINAL INSPECTION:

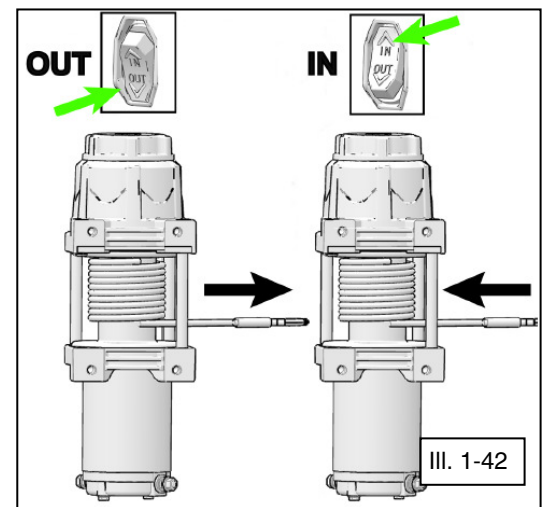
41. Confirm that all wiring is correct.
42. Confirm that there are no exposed wires or terminals.
43. All loose wires need to be wrapped tight, and secured away from moving parts and heat sources.

TALON 1000 REINSTALLATION:

44. Reconnect the main vehicle power cables and the winch power red (positive) and black (negative) cables to battery terminals at this time using original hardware.
45. Reinstall the rear hood, front hood and battery box cover.
46. Connect the corded winch remote switch (item #22). (See illustration 1-26).
47. With vehicle key in the ON position, check winch for proper operation.

CONTROL SWITCH OPERATION:

When properly installed, the control switch(es) allow you to operate the winch while seated in the vehicle using the dash switch or remotely using the corded switch. Proper switch operation is shown. (See illustration 1-42).



For additional assistance, please contact Kolpin customer service department at (877) 956-5746 or (763) 478-5800 or email customerservice@kolpin.com

Five Year Mechanical Limited Warranty and Three Year Electrical Limited Warranty

For the period of five (5) years from the purchase date, Kolpin will replace for the original purchaser, free of charge, any mechanical part or mechanical parts found upon examination by Kolpin to be defective in material, workmanship, or both. For the period of three (3) years from the purchase date, Kolpin will replace for the original purchaser, free of charge, any electrical part or electrical 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 winch/plow 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 winch/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.

www.kolpin.com

TROUBLESHOOTING

If your winch is not functioning properly, below is a short guide that can help you diagnose and correct the problem.

Symptom	Possible Causes	Recommended Solution
Winch will not operate	Contactors not receiving power	Turn vehicle key on.
	Connections between components not in proper order	Check connections. Connect wired handlebar switch connection from vehicle main wire harness directly to contactor to make sure a direct connection will operate the winch. If connections are not in the order shown in the pictures in the last page, the whole system may not function or only certain parts of it will function.
	Loose battery cable connections	Tighten nuts on all cable connections.
	Keyed power circuit (orange wires) not properly powered	Check fusebox for 10A accessory circuit. Check voltage in certain places, especially orange wires coming out of the main harness by the steering post.
	Contactors malfunctioning	Tap contactor to loosen contacts. Apply 12 volts to coil terminals directly. A clicking indicates proper activation.
	Defective switch assembly	Replace switch assembly.
	Defective motor	Check for voltage at armature port with switch pressed. If voltage is present, replace winch assembly.
	Nested and bounded cable within winch assembly	Move free spool knob to the "free spool" position. Manually pull cable out of winch until end is met and then re-spool cable back into winch.
	Water has entered motor	Allow to drain and dry. Run in short bursts without load until completely dry.
Winch makes noise but rope does not move	Contactors powered, but not winch	If you can hear a clicking sound when you press the winch control but the winch does not make any sounds, check the connections between the winch and the contactor.
	Winch not in proper gear	Move free spool knob to the "locked spool" position, then recheck. If problem persists, a qualified technician needs to check and repair.
Winch operates too slowly	Winch improperly loaded	Check that the winch is clear and the rope is not bound up and that there is no load pulling on the rope.
	Insufficient current or voltage	The battery is weak, recharge. Run winch with vehicle motor running (battery should have a strong charge).
	Loose or corroded battery cable connections	Clean, tighten, or replace.
Winch overheating	Winch running time too long	Allow winch to cool down periodically.
Winch operates in one direction only	Defective or stuck contactor	Tap contactor to loosen contacts.
		Repair or replace contactor.
	Defective switch assembly	Replace switch assembly.
	Defective brake assembly	Replace winch assembly.

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

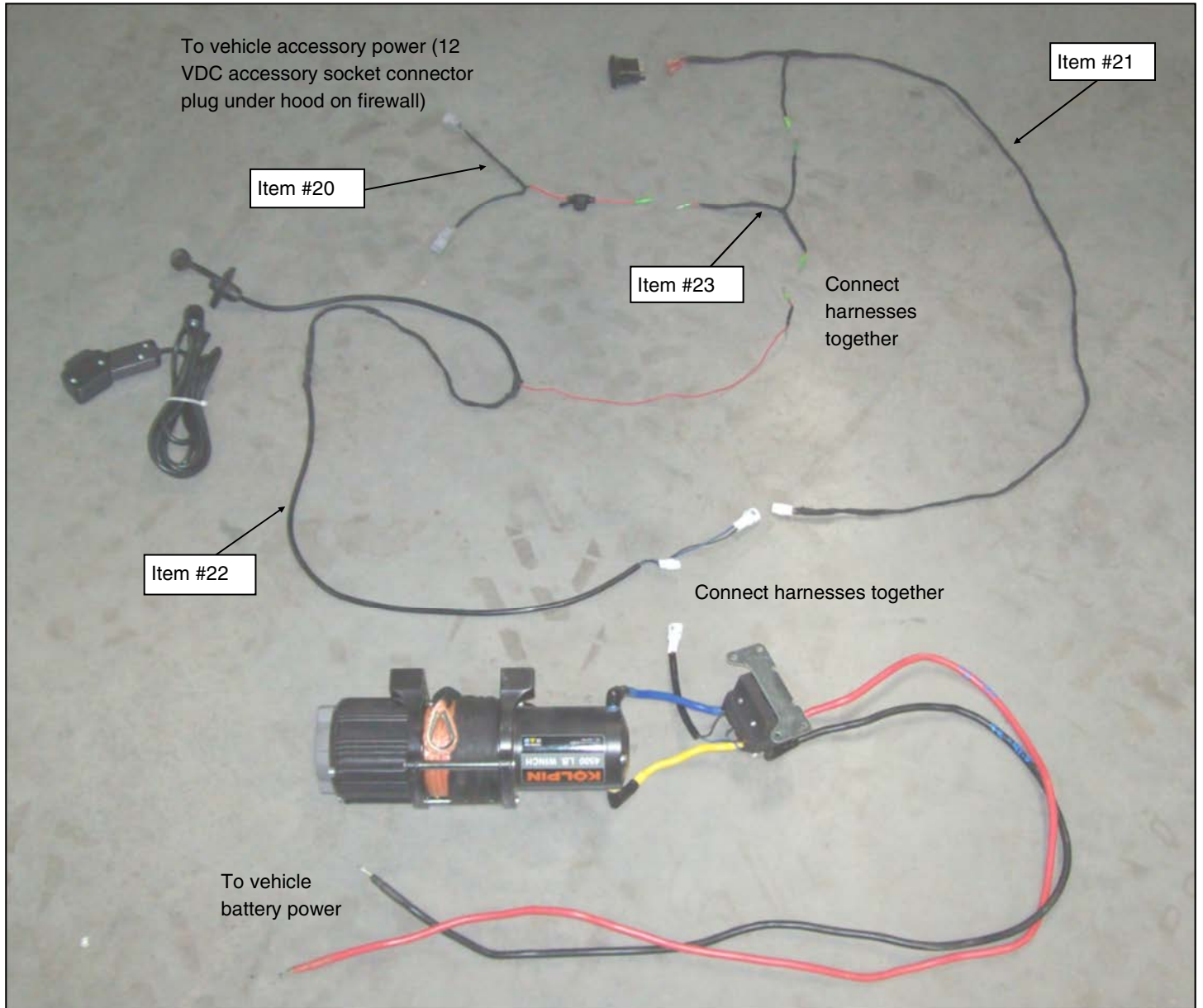
NOTE

For further technical support, contact our help line at 1-877-956-5746.

ELECTRICAL CONNECTION REFERENCE GUIDE:

Talon 1000:

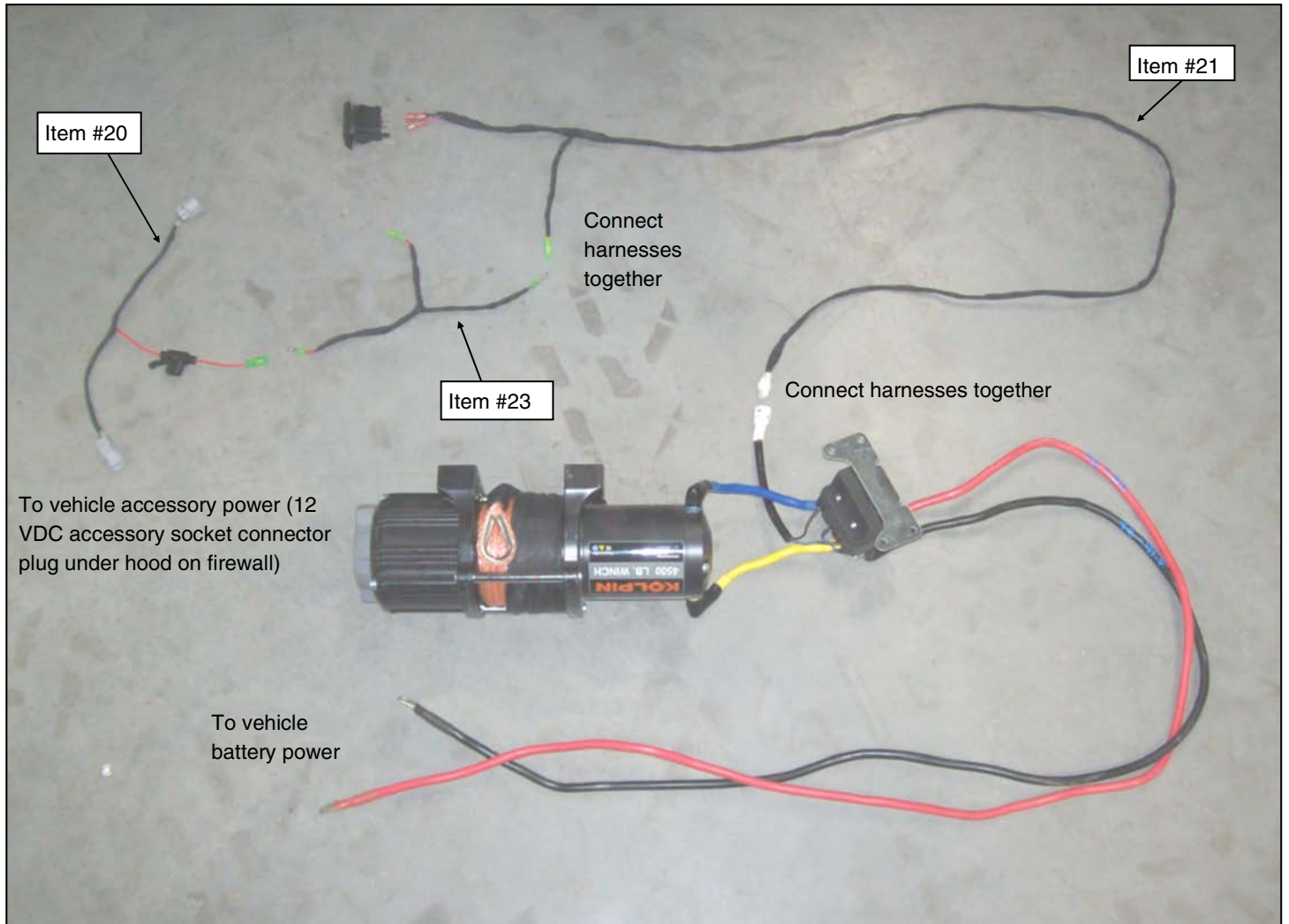
Winch with Roller Fairlead, Dash Switch and Corded Remote Switch



ELECTRICAL CONNECTION REFERENCE GUIDE (continued):

Talon 1000:

Winch with Roller Fairlead and Dash Switch



ELECTRICAL CONNECTION REFERENCE GUIDE (continued):

Talon 1000:

Winch with Roller Fairlead and Corded Remote Switch

