

INSTALLATION INSTRUCTIONS

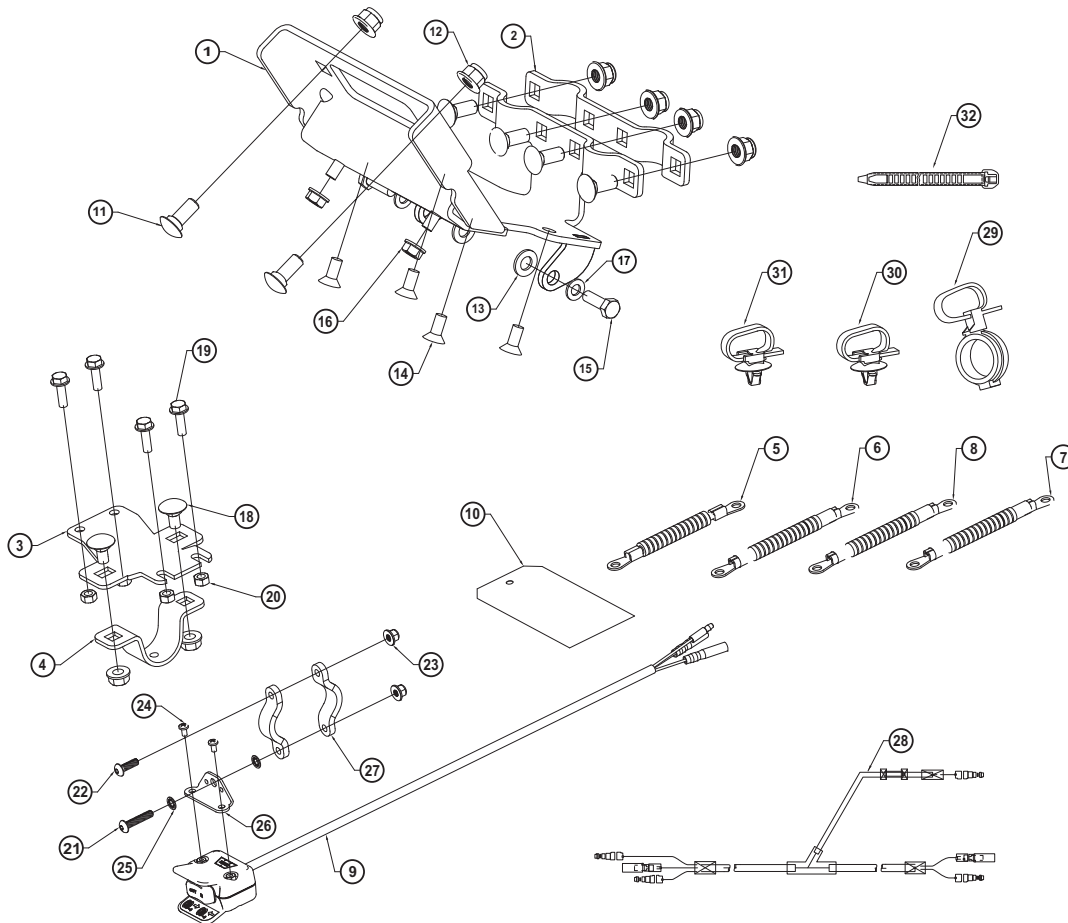
Accessory WINCH MOUNT KIT P/N 08L74-HR3-A20

Application After '13 TRX420 (All except '14 FA/FPA) After '13 TRX500 (All except '14 FA/FPA)

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Honda Dealer: Please give a copy of these instructions to your customer.

PARTS LIST

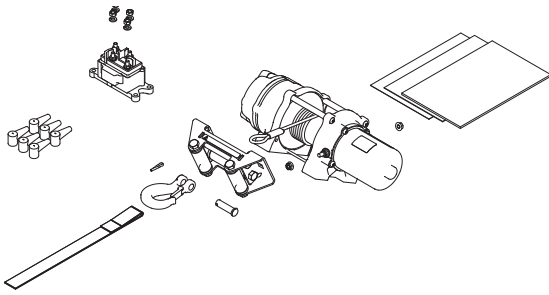


No.	Description	Qty
(1)	Winch mount plate	1
(2)	Plate clamp	1
(3)	Contactor mounting bracket	1
(4)	Contactor u-clamp	1
(5)	Cable, 8 ga. Black	1
(6)	Cable, 8 ga. Red	1
(7)	Cable, 8 ga. Red	1
(8)	Cable, 8 ga. Yellow	1
(9)	Switch harness	1
(10)	Tag, Warning	1
(11)	10 x 1.5 x 25 mm carriage bolt	6
(12)	10 x 1.5 mm lock nut	6
(13)	10 mm flat washer	2
(14)	8 x 20 mm socket bolt	4
(15)	8 x 25 mm bolt	2
(16)	8 mm flange nut	2

No.	Description	Qty
(17)	8 mm flat washer	2
(18)	8 mm x 16 mm carriage bolt	2
(19)	6 mm x 20 mm flange bolt	4
(20)	6 mm lock nut	4
(21)	5 mm locking hex nut	2
(22)	5 mm x 16 mm button head screw	1
(23)	5 mm lock nut	2
(24)	6-32 x 1/4 inch phillips screw	2
(25)	#10 locking tooth washer	2
(26)	Switch mount	1
(27)	Switch mount clamp	2
(28)	Winch sub-harness	1
(29)	Tube clip, 17 mm	1
(30)	Clip, wire tie	5
(31)	Clip, wire tie	1
(32)	Wire tie	3

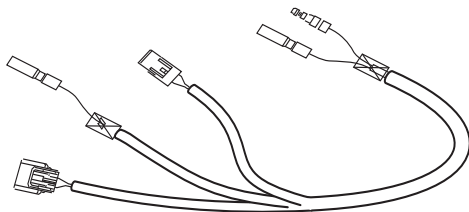
WINCH
Sold separately P/N 08L71-HL5-A02

The Winch is required for the installation of this accessory.



ACCESSORY SUB-HARNESS
Sold separately

The Winch Mount Kit requires installation of the Accessory Sub-harness



Model	Destination	Part No.
TRX420	U.S.A	08Z00-HR3-A20
	Except U.S.A.	08Z00-HR3-G20
TRX500 or TRX420 w/ 12 V Accessory Socket	U.S.A	08Z01-HR3-A20
	Except U.S.A.	08Z01-HR3-G20

TOOLS REQUIRED

- Torque wrench
- 3 mm hex key
- Phillips screwdriver
- Trim clip puller #07AAC-SJAA-100
- Socket (8, 10, 13, 15 and 17 mm)
- Ratchet

TORQUE CHART

Tighten all screws, bolts, and nuts to their specified torque values. Refer to the Service Manual for the torque values of the removed parts.

Item	N-m	kgf-m	lbf-ft
5 mm bolt and nut	5.2	0.5	3.8
6 mm bolt and nut	10	1.0	7
8 mm bolt and nut	22	2.2	16
10 mm bolt and nut	34	3.5	25

USE AND CARE INFORMATION

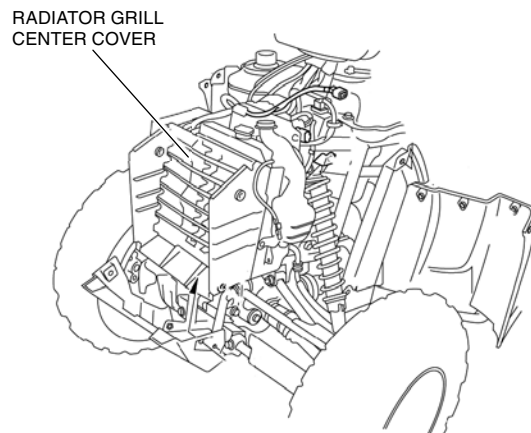
- Check the accessory mounts frequently and retighten if necessary.
- Replace this accessory with a new one if it is damaged or discolored excessively.
- Read through the instructions completely prior to installation of the winch kit.

NOTICE

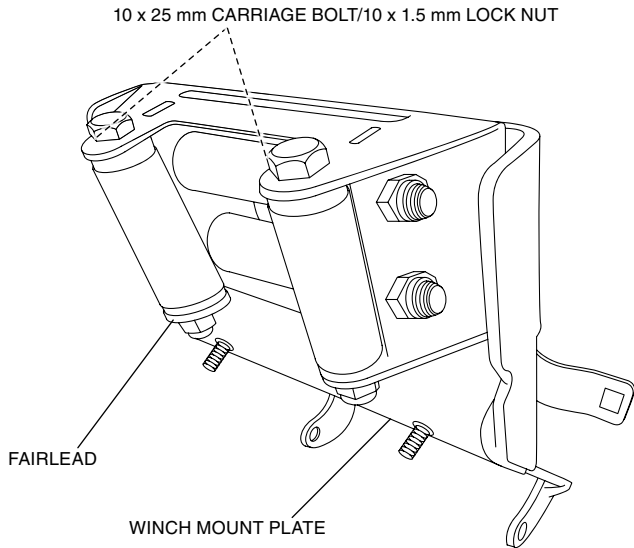
- The 10 mm hardware included in this kit has two different thread pitches. Match the bolts with nuts before beginning installation to eliminate threading differently pitched hardware together. This will ensure a smooth installation.

WINCH BRACKET INSTALLATION

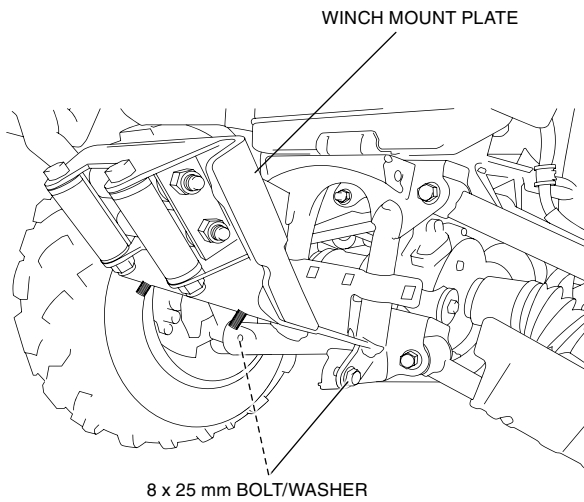
1. Refer to the Service Manual for the vehicle, remove the engine guard.
2. Refer to the Service Manual for the vehicle, remove the tank cover assembly and front fender/carrier.
3. Refer to the Service Manual for the vehicle, remove the radiator grill center cover.



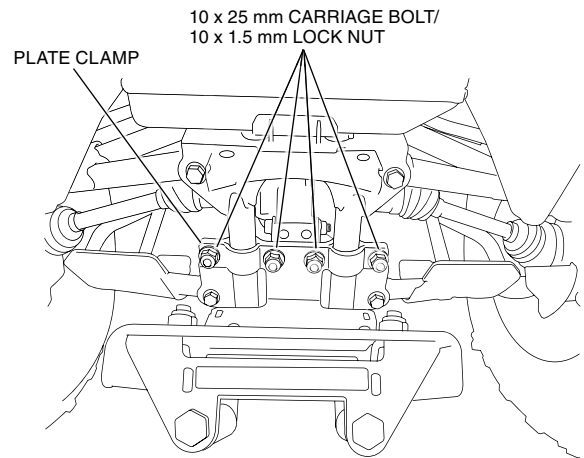
4. Install the fairlead onto the winch mount plate using two 10 x 25 mm carriage bolts and two 10 x 1.5 mm lock nuts. Tighten the lock nuts to specification in the Torque Chart.



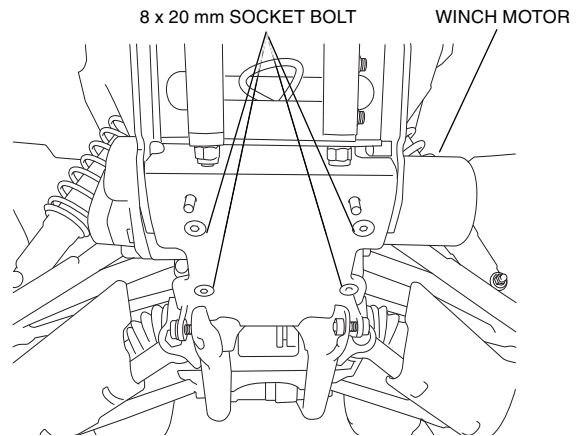
5. Install the winch mount plate into the position shown and temporarily install the 8 x 25 mm hex bolts and washers as shown. Only hand tighten the bolts at this time.



6. Install the plate clamp, four 10 x 25 mm carriage bolts, and four 10 x 1.5 mm lock nuts as shown. Tighten the lock nuts to the specification in the torque chart.



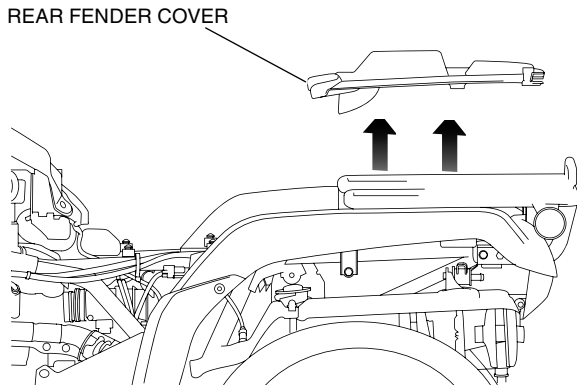
7. Place the winch motor into position on the bracket assembly and secure it with the four 8 x 20 mm socket bolts as shown. Tighten the bolts to the specification in the Torque Chart.
 - Start with the lower left socket bolt first.



8. Feed the winch cable through the fairlead rollers and install the clevis hook assembly using the instructions provided in the Warn Winch Motor package.
9. Proceed to ELECTRICAL INSTALLATION.

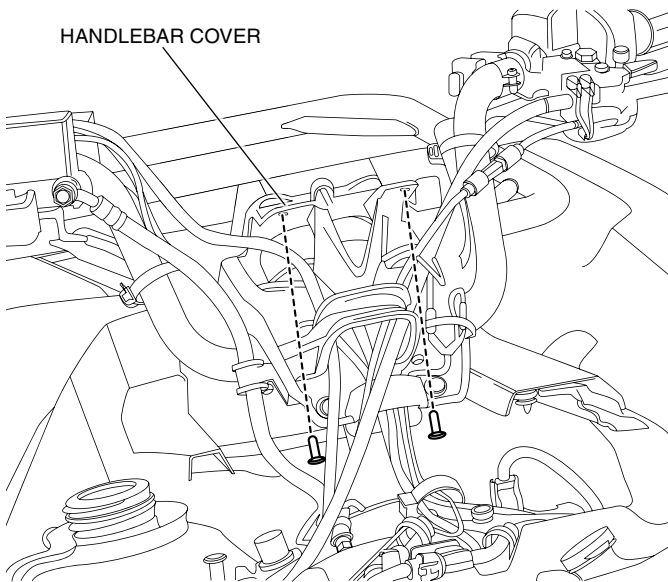
ELECTRICAL INSTALLATION

1. Refer to the Service Manual for the vehicle, remove the rear fender cover.



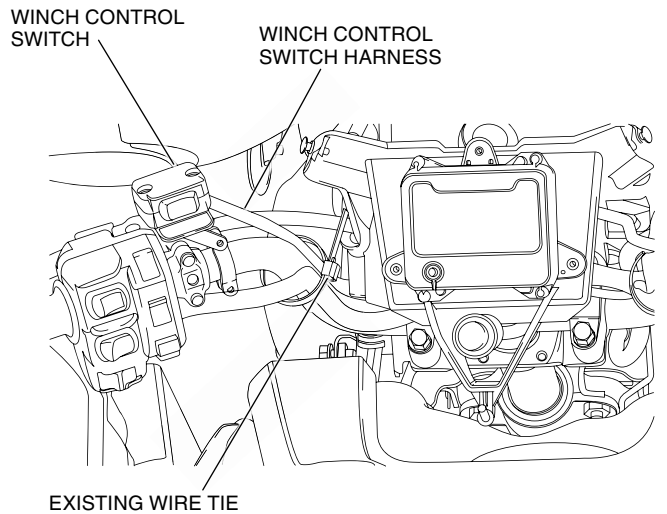
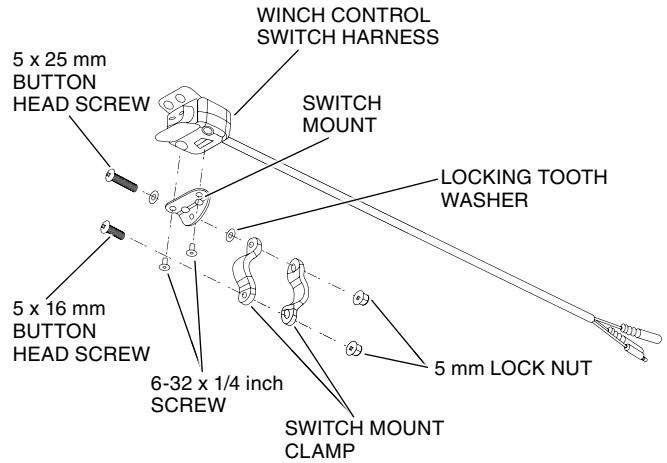
2. Refer to the Service Manual for the vehicle, disconnect the battery negative (-) cable from the battery.
3. Refer to the Service Manual for the vehicle, remove the handlebar cover or assist headlight.

<TRX500 SHOWN>

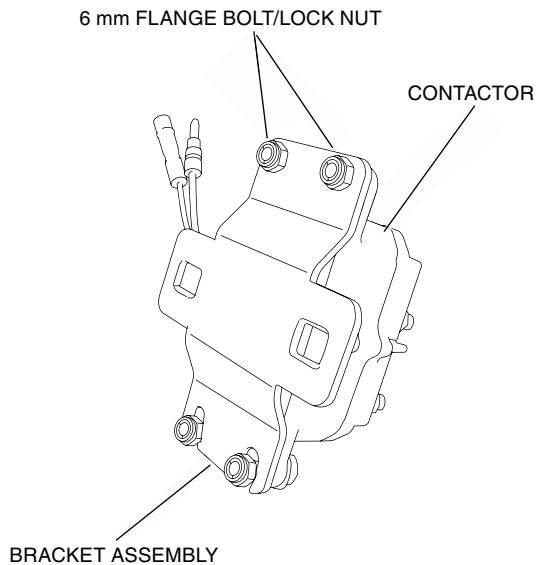


NOTE:

- Review the following instructions carefully before installing any electrical components.
4. Install the winch control switch to the vehicle left handlebar and route the wire harness as shown.



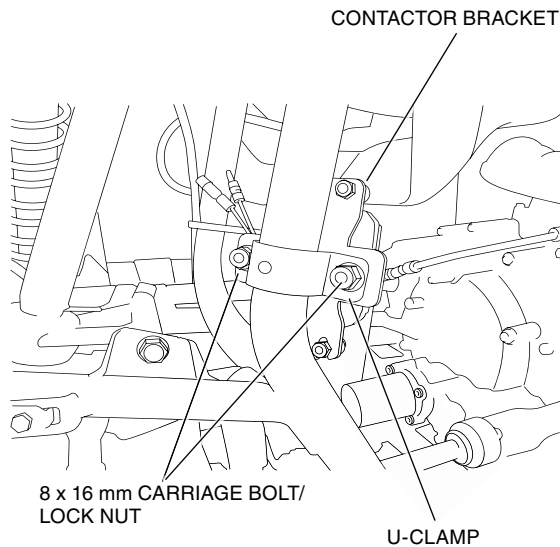
5. Install the contactor to the bracket assembly with the four 6 mm flange bolts and 6 mm lock nuts as shown.



6. Loosely install the contactor bracket and U-clamp to the left frame tube with the 8 x 16 mm carriage bolts and 8 mm flange lock-nuts as shown.

- Make sure the Yellow and Black contactor terminals are on the bottom.

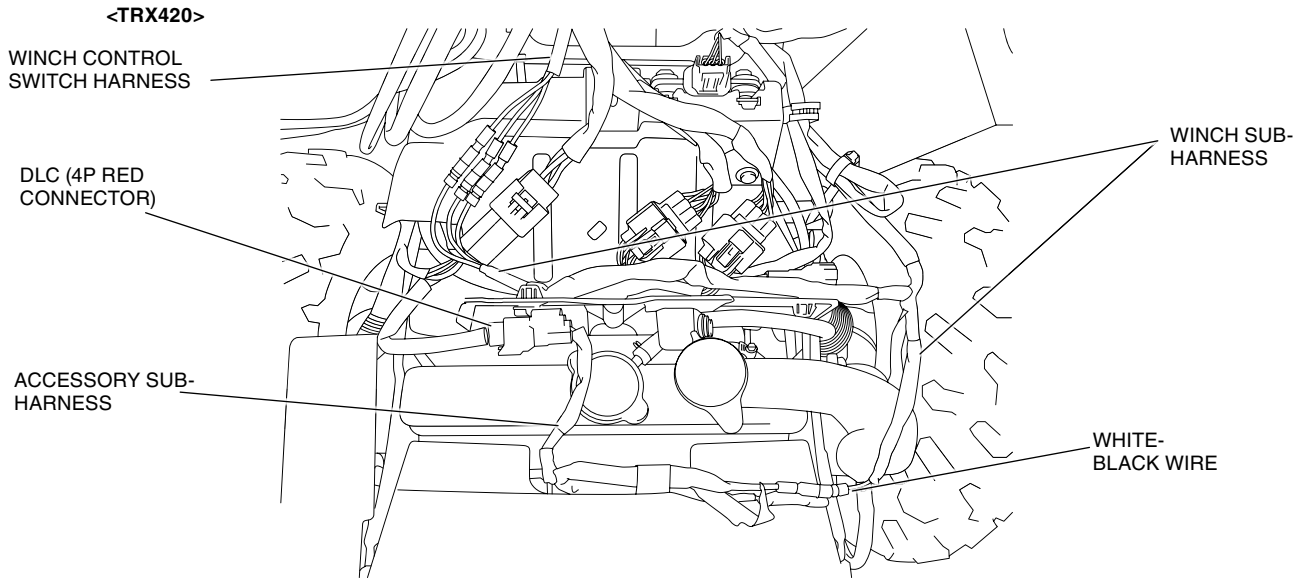
Adjust the position of the contactor assembly as necessary, then tighten the hardware to the specification in the Torque Chart.



INSTALL THE ACCESSORY SUB-HARNESS (Sold separately.)

TRX420:

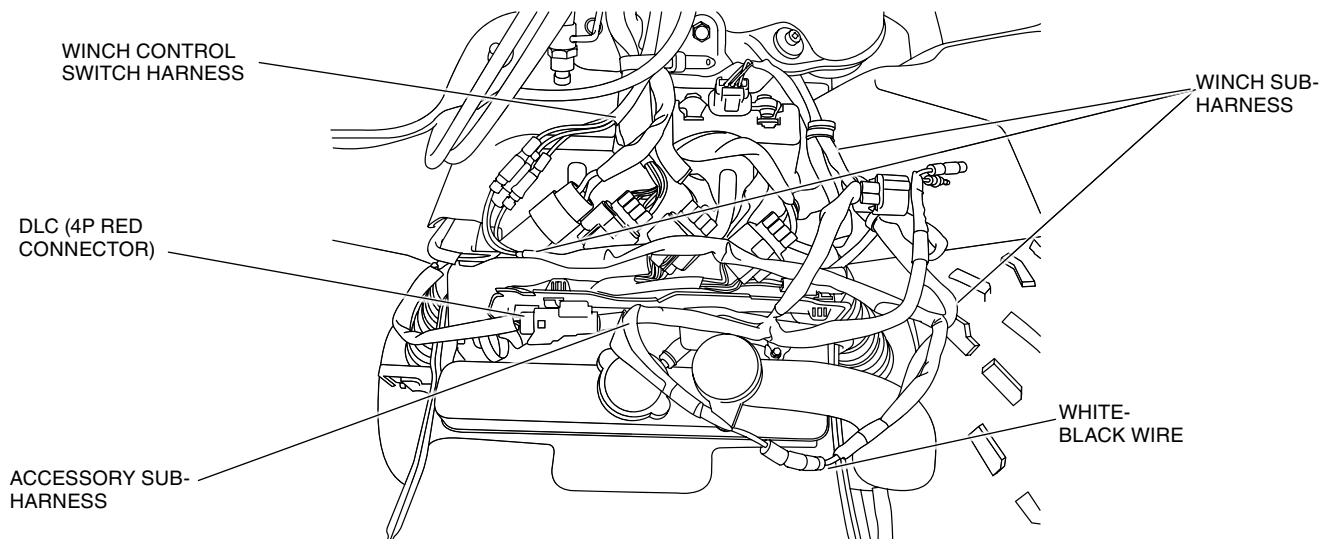
1. Remove the dummy cap from the DLC (4P Red) connector and save it.
2. Connect the 4P Red connector of the Accessory Sub-harness to the DLC as shown.
 - Be sure to anchor the 4P Red connector to the vehicle as shown.
3. Connect the winch sub-harness (included with winch mount kit) to the Accessory Sub-harness at the White/black bullet connector.
4. Connect the winch control switch harness to the winch sub-harness as shown by matching the wire colors.
 - NOTE: Connect the Red wire of the winch control harness to the White/black wire of the winch sub-harness.



TRX500 OR TRX420 w/Accessory Socket:

1. Disconnect the accessory socket harness from the DLC (4P Red) connector.
2. Connect the 4P Red connector of the Accessory Sub-harness to the DLC as shown.
 - Be sure to anchor the 4P Red connector to the vehicle as shown.
3. Connect the winch sub-harness (included with winch mount kit) to the Accessory Sub-harness at the White/black bullet connector.
4. Connect the winch control switch harness to the winch sub-harness as shown by matching the wire colors.
 - NOTE: Connect the Red wire of the winch control harness to the White/black wire of the winch sub-harness.

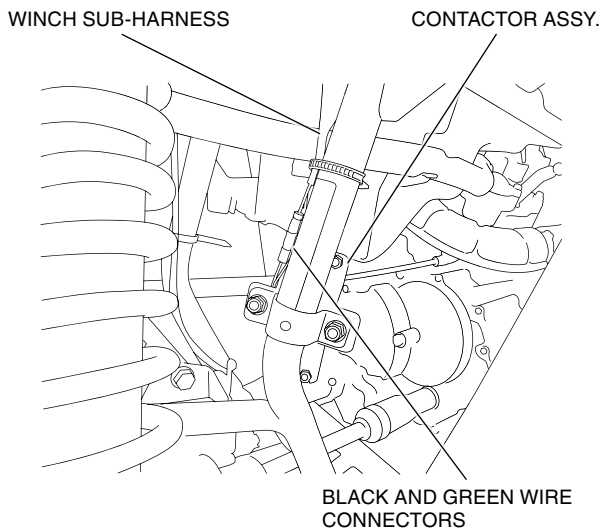
<TRX500 OR TRX420 W/ACCESSORY SOCKET>



7. Route the winch sub-harness along the frame toward the contactor assembly.

Connect the Black and Green wires of the winch sub-harness to the corresponding color wires of the contactor.

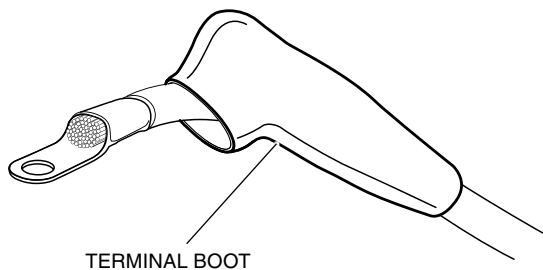
Secure the wires with a wire tie as shown.



8. Bundle all the excess harness and secure it to the vehicle harness with wire tie(s) as necessary.

POWER AND GROUND CABLE CONNECTION

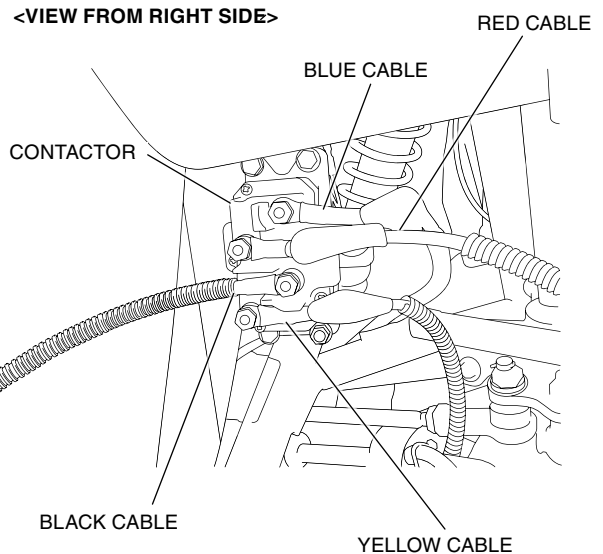
- The winch contactor and winch motor terminals are color coded. Be sure to install each cable to the correct color terminal.
1. Install the terminal boots to each end of the blue, yellow, and red cables.
 - The black (ground) cable does not require terminal boots.



2. Install the power and ground cables to their corresponding color contactor terminals with the 6 mm lock washers and nuts as shown.

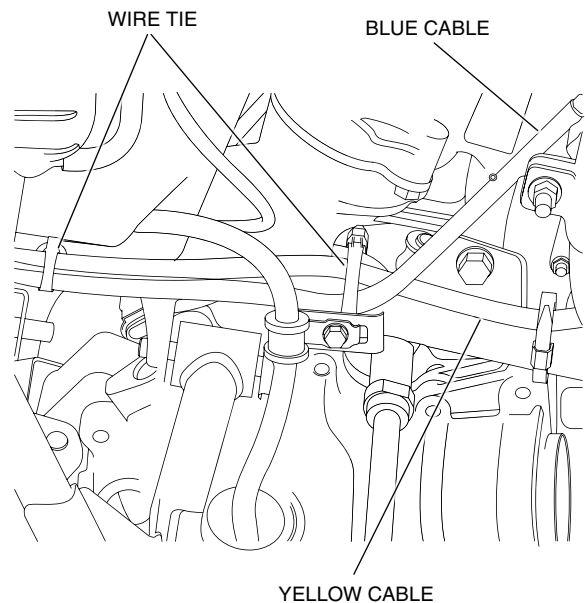
Tighten the hardware to the specification in the Torque Chart.

Pull the terminal covers over the terminals.

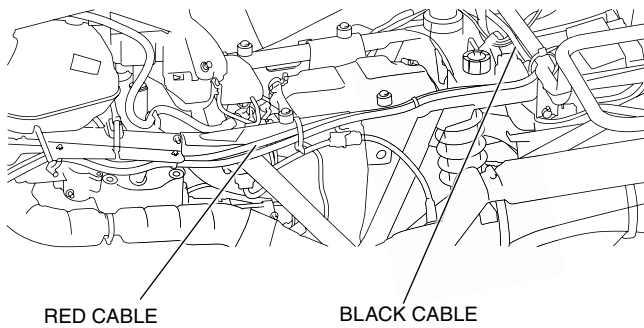
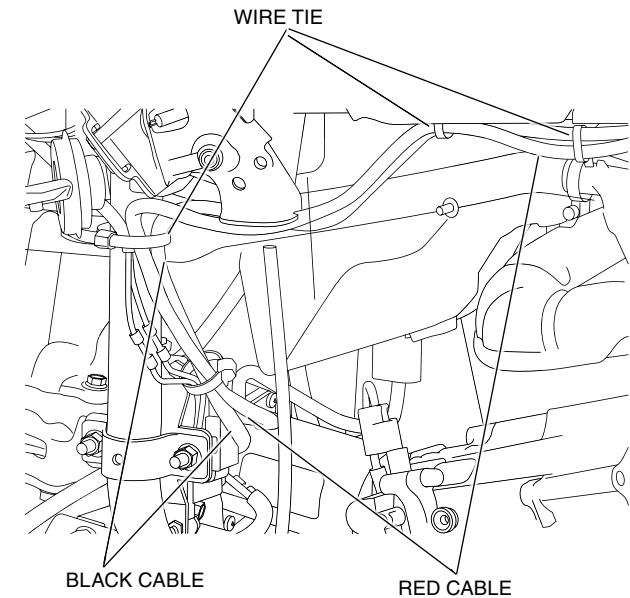


3. Route the blue and yellow cables forward along the frame rail toward the winch motor.

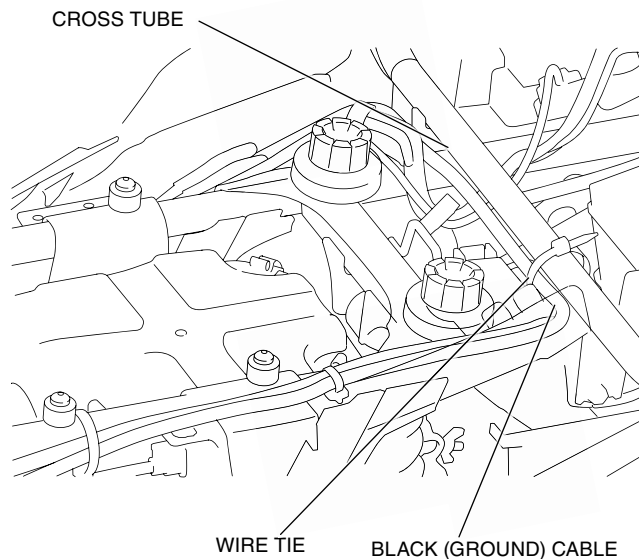
Secure the cables with the wire ties as shown.



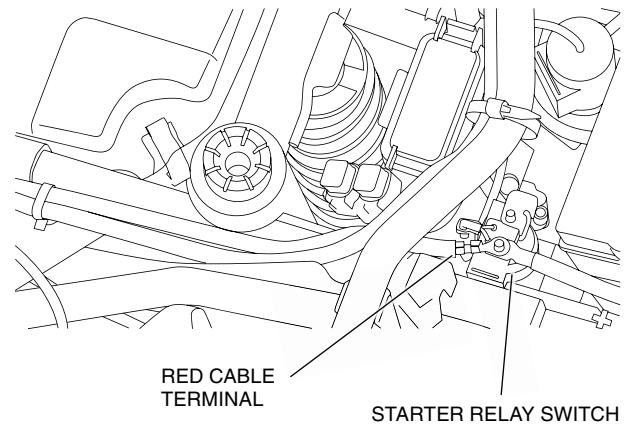
- Route the red and black cables up and then back toward the battery box as shown. Secure the cables with wire ties at the indicated positions.



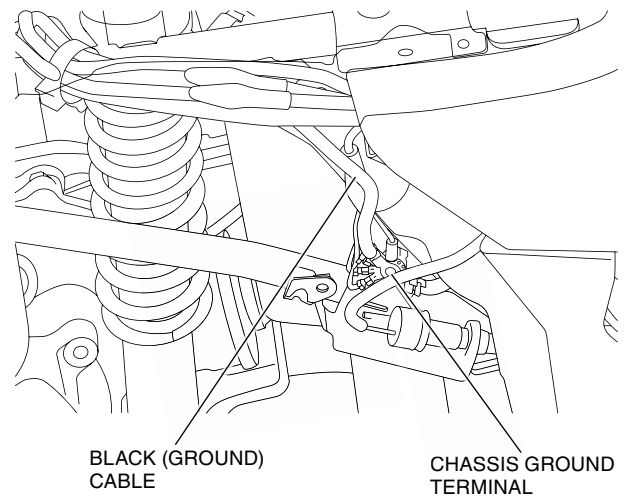
- Route the black cable across the frame and secure it to the frame cross tube with a wire tie as shown.



- Connect the red cable to the terminal of the starter relay switch as shown. Tighten the nut securely and pull the terminal boot over the terminal.

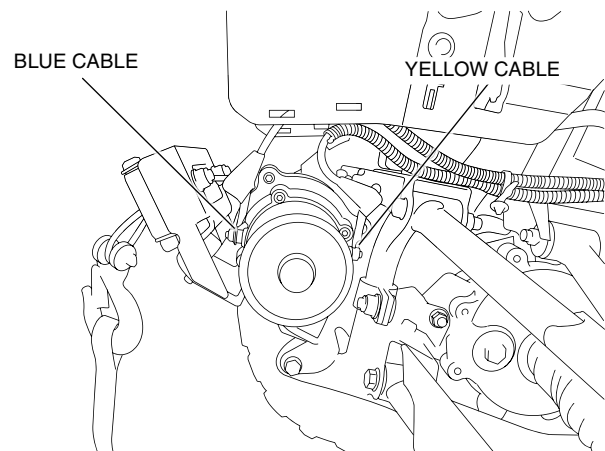


- Connect the black (ground) cable to the chassis ground terminal as shown.



- Connect winch blue and yellow cables to their corresponding color terminals on the winch motor with the 6 mm flange nuts as shown.

Tighten the terminal nuts securely and pull the boots over the terminals.

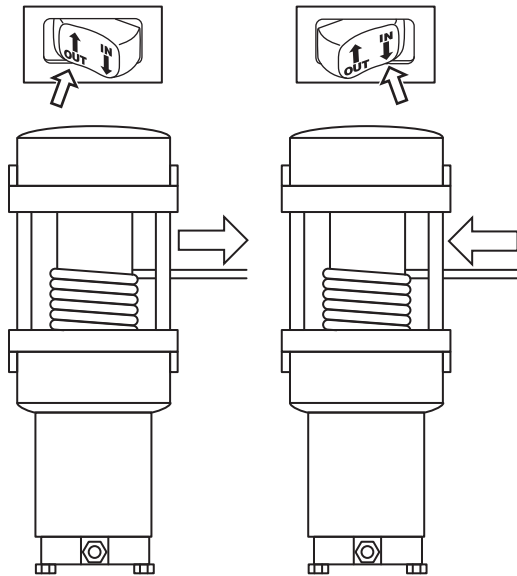


- Reconnect the battery negative terminal.

CHECK THE SYSTEM

Before using the winch, verify the following:

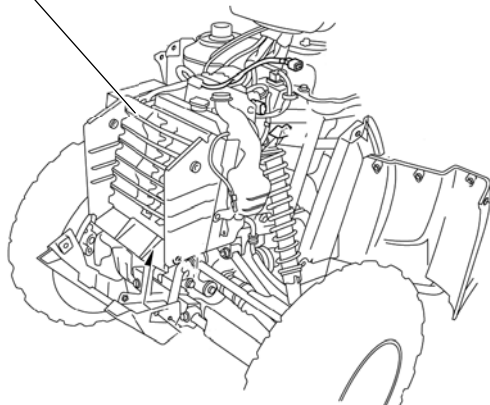
- The wiring to all components is correct. All loose wires are secured with zip-ties.
- There are no exposed wiring or terminals (except the chassis ground bolt). Cover any existing terminal exposures with terminal boots, heat shrink tubing, or electrical tape.
- Turn the vehicle ignition switch to the ON position. Check the winch for proper operation. The wire rope should spool in and out in the direction indicated on the switch.



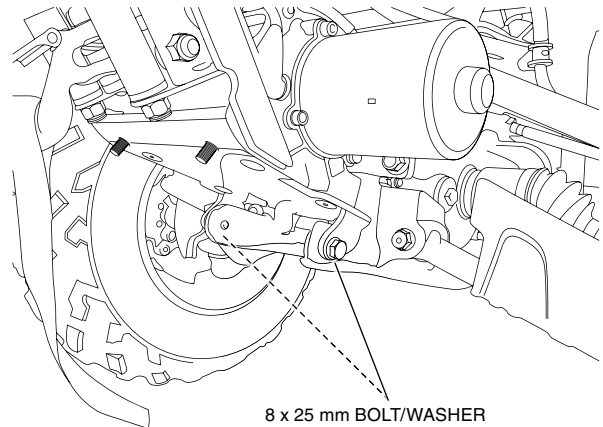
REINSTALL THE REMOVED PARTS

1. Reinstall the radiator grill center cover.

RADIATOR GRILL
CENTER COVER

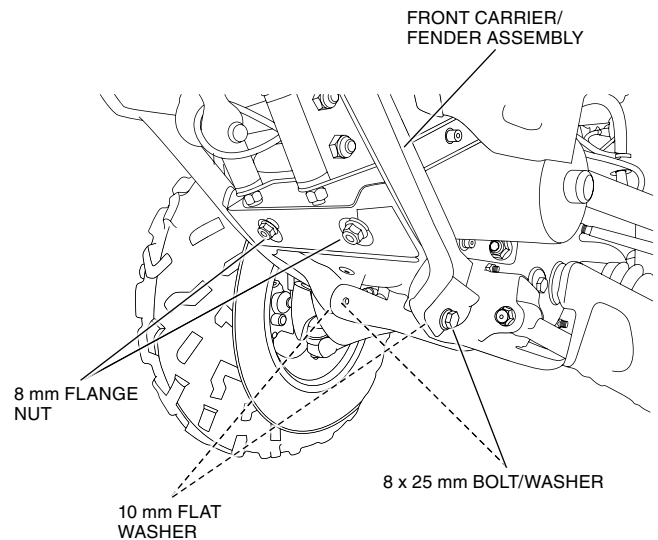


2. Remove the temporarily installed 8 x 25 mm bolts and washers from the winch bracket lower mount.



3. Refer to the Service Manual for the vehicle, reinstall the front carrier/fender assembly.
 - Connect the headlights and accessory socket (TRX500) connectors.
 - Install the 8 mm flange nuts on the studs as shown.
 - Place a 10 mm flat washer between the front carrier and winch mount plate as shown
 - Install 8 x 25 mm bolts and 8 mm flat washers as shown.

Tighten all hardware to the specification in the Torque Chart.



4. Refer to the Service Manual for the vehicle, reinstall the fuel tank cover.
5. Refer to the Service Manual for the vehicle, reinstall the engine guard.