

HONDA **INSTALLATION** **INSTRUCTIONS**

Accessory
AUXILIARY BATTERY BOX
P/N 08L09-HL1-200A

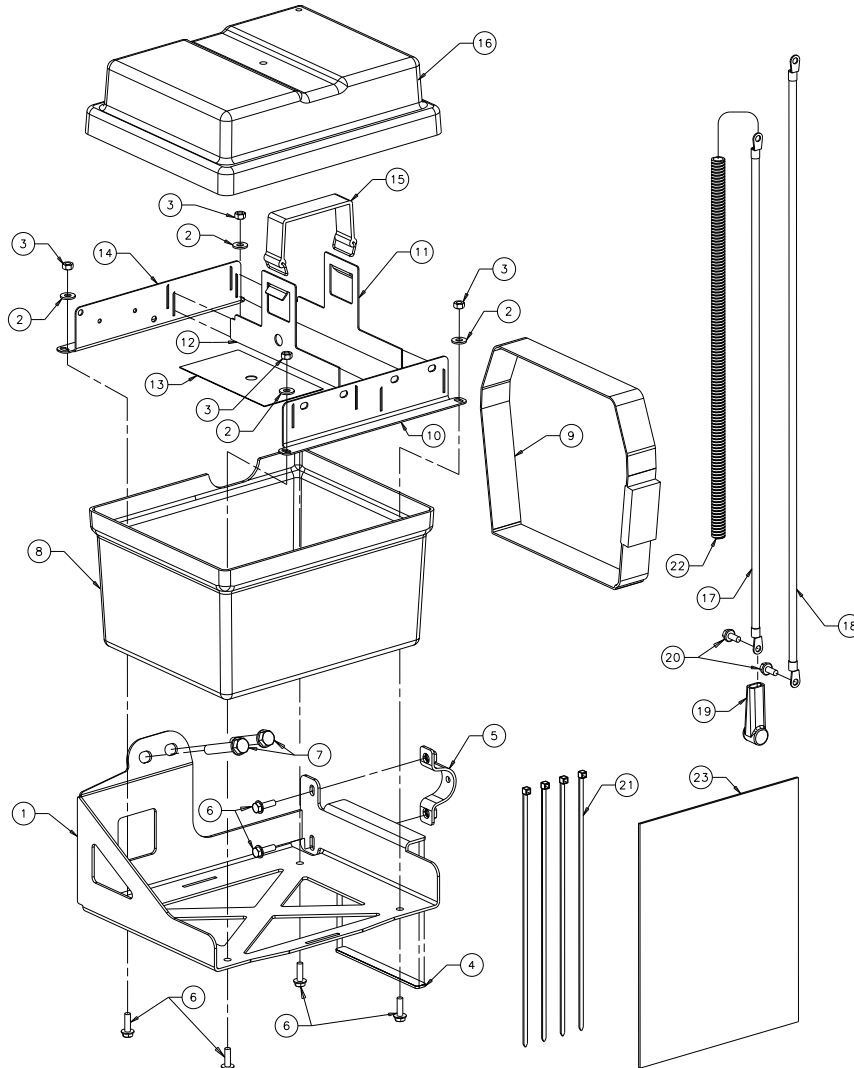
Application
“BIG RED”
MUV700

Publications No.
MII 12524
Issue Date
August 2008

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

Disregard these instructions if installing with a winch. Refer to the winch Installation Instructions.

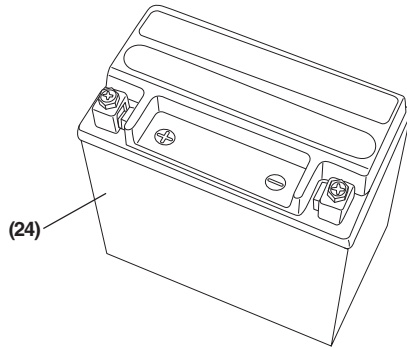
PARTS LIST:



NO.	DESCRIPTION	QTY
(1)	Mounting bracket	1
(2)	6 mm flat washer	4
(3)	6 mm lock nut	4
(4)	Adhesive pad	1
(5)	Clamp	1
(6)	6 mm flange bolt (long)	6
(7)	10 mm flange bolt	2
(8)	Box	1
(9)	Strap	1
(10)	Front plate	1
(11)	Left plate	1
(12)	Right plate	1

NO.	DESCRIPTION	QTY
(13)	Mat	1
(14)	Rear plate	1
(15)	Band	1
(16)	Lid	1
(17)	Red Power Cable	1
(18)	Black power cable	1
(19)	Boot (large)	1
(20)	6 mm flange bolt (short)	2
(21)	Cable tie	4
(22)	Tubing	1
(23)	Instructions	1

BATTERY, YUASA (YTX14-BS)
Sold separately (31500-HC4-726)



NO.	DESCRIPTION	QTY
(24)	Battery*	1

*Using an automobile battery is not recommended. The greater amperage of an automobile battery can damage your MUV's electrical system.

TOOLS REQUIRED

Box end wrench (10 mm, 14 mm, 17 mm)
Torque wrench
Utility knife

TORQUE CHART

Tighten all screws, bolts and nuts to their specified torque values. Unless otherwise noted, follow the Service Manual for torque specifications of the removed parts.

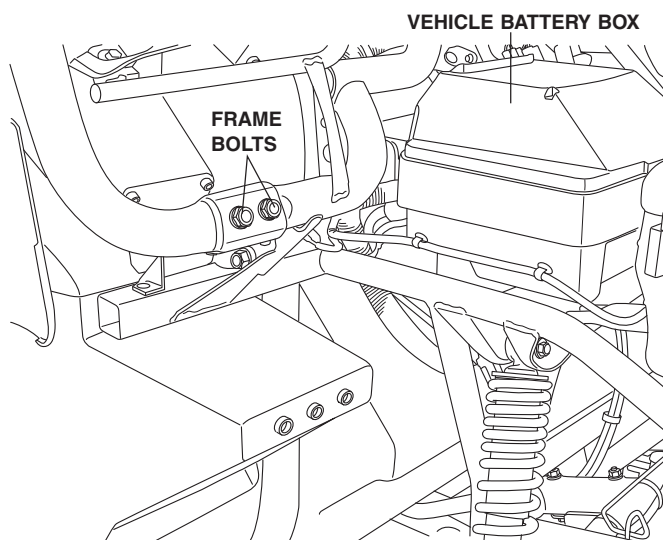
Item	Nm	kgf·m	lbf·ft
6 mm bolt and nut	10	1.0	7
10 mm bolt	39	4.0	29

SAFETY

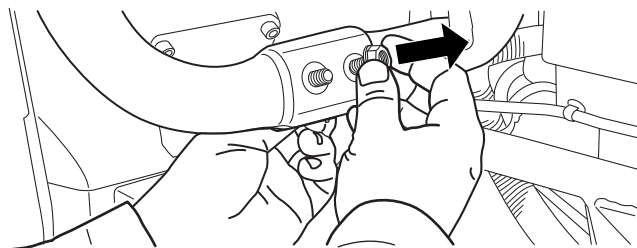
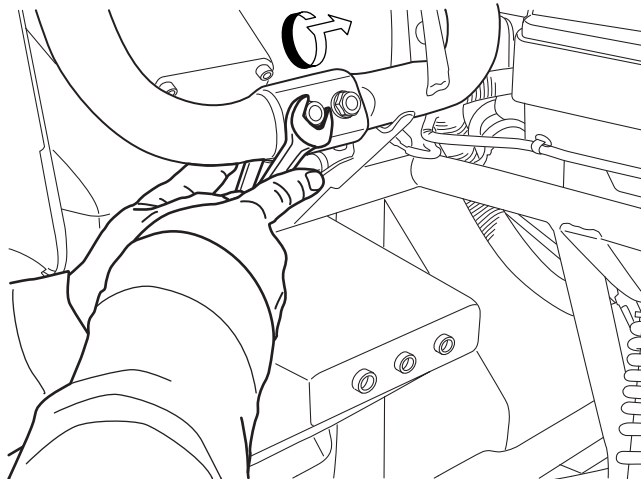
When installing your auxiliary battery system, read and follow all mounting and safety instructions. Always use caution when working with electricity, and remember to verify that no exposed electrical connections exist before energizing the circuit.

INSTALLATION - Auxiliary Battery Box Mounting Bracket Assembly

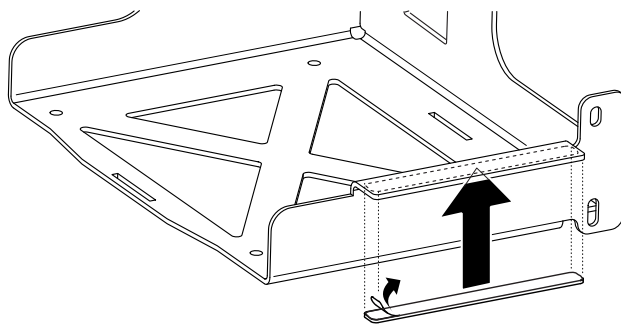
1. Locate the installation area under the right side of the hood.



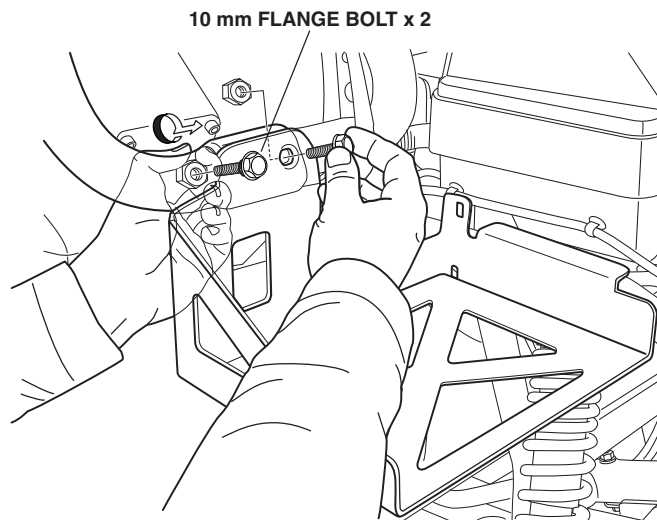
2. Remove the two frame bolts and nuts (discard bolts, save nuts).



3. Peel backing from the adhesive pad and install it on the mounting bracket.



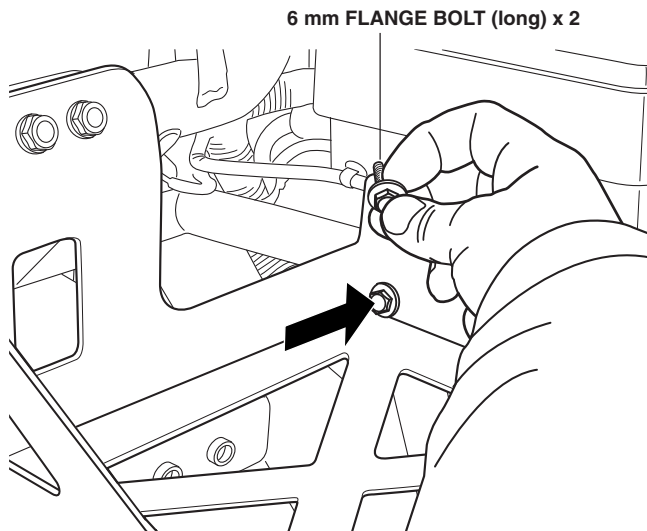
4. Temporarily install the mounting bracket with the two bolts supplied and the existing frame nuts.



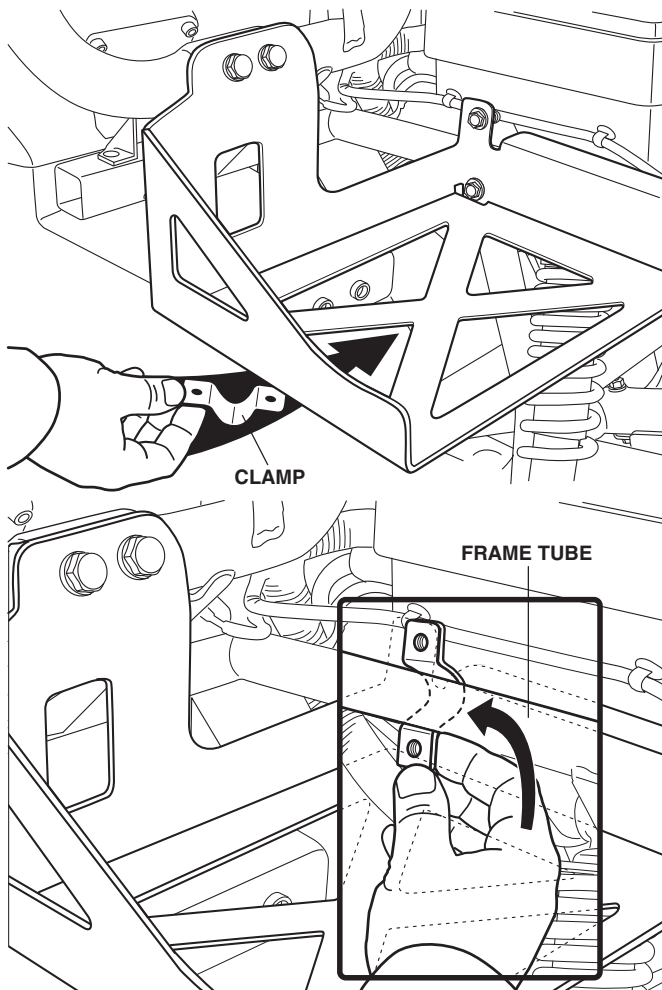
INSTALLATION - Auxiliary Battery Box

Mounting Bracket Assembly (cont.)

5. Place two bolts into the lower mounting bracket bolt holes.

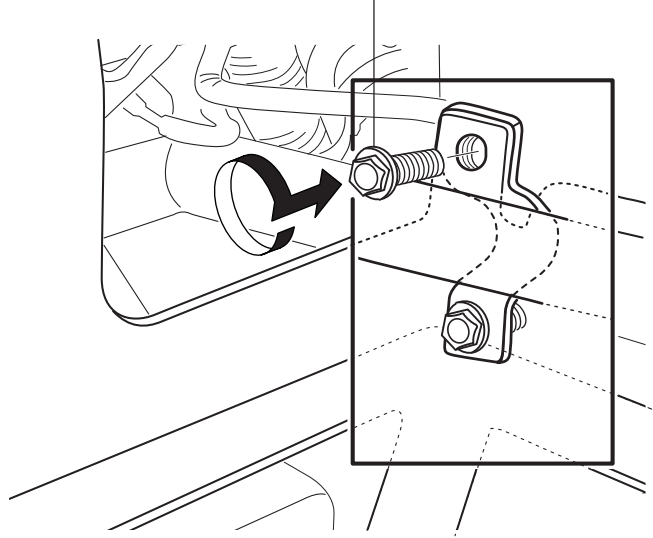


6. Slide the clamp underneath the mounting bracket and into position on the frame tube.



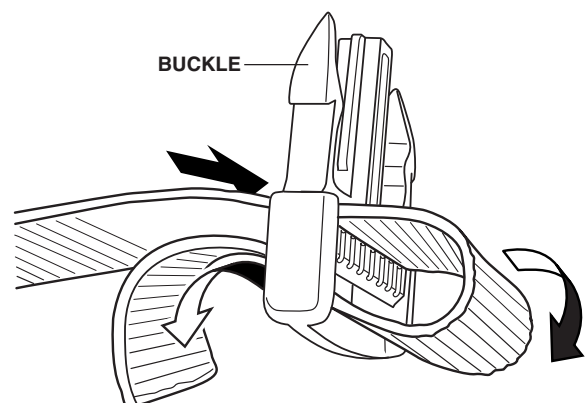
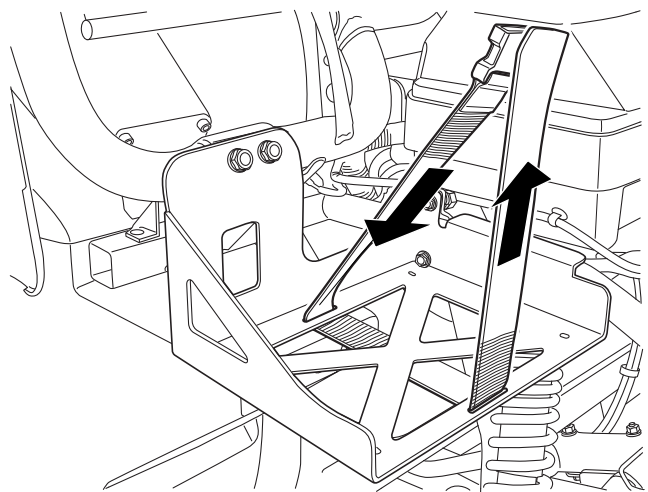
7. Install the clamp.

6 mm FLANGE BOLT (long) x 2



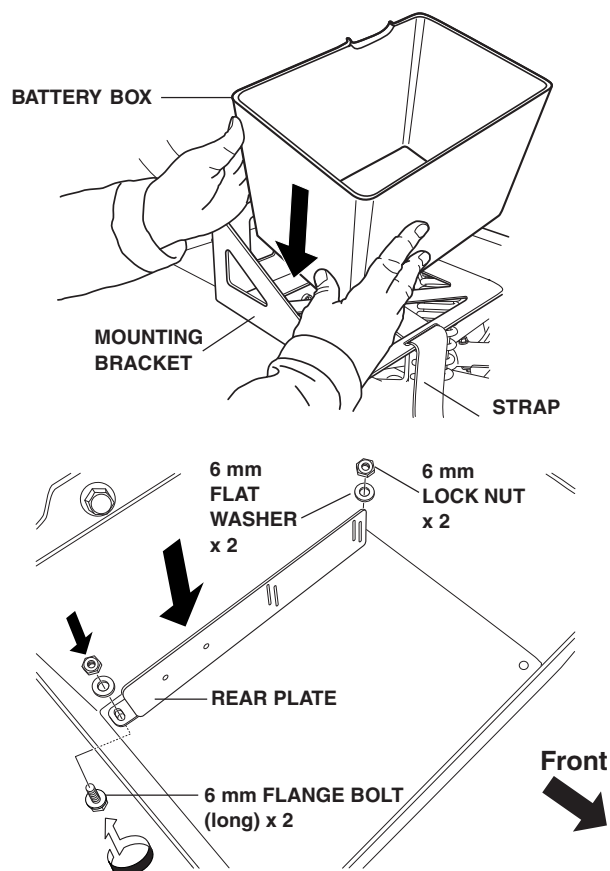
8. Torque the clamp bolts first; refer to the torque chart on page 2 of these instructions. Torque the frame bolts; refer to the Service Manual.

9. Install the strap through the slots in the mounting bracket and then through the buckle.

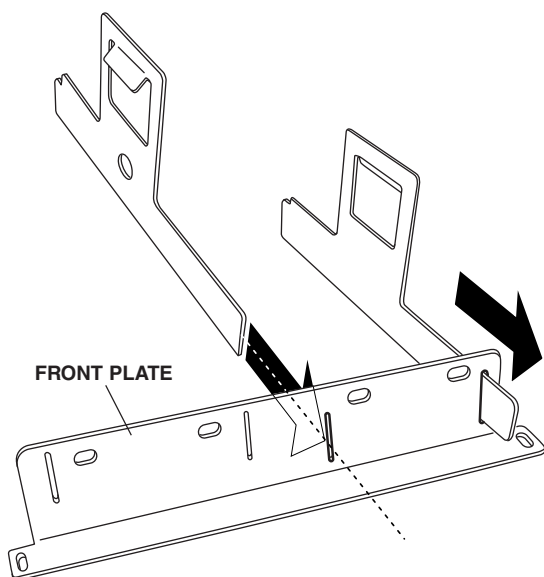


INSTALLATION - Auxiliary Battery Box Mounting Box

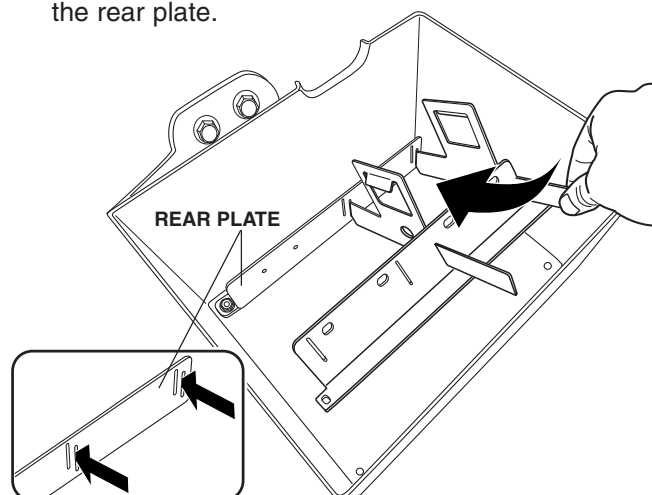
10. Position the box on the mounting bracket and temporarily install the rear plate with two bolts.



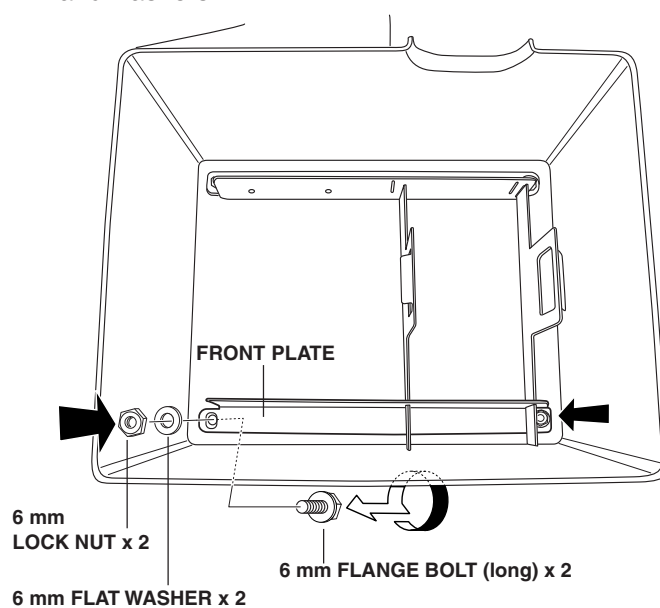
11. Position the right and left plates through the slots in the front plate.



12. Position the right and left plates through the slots in the rear plate.



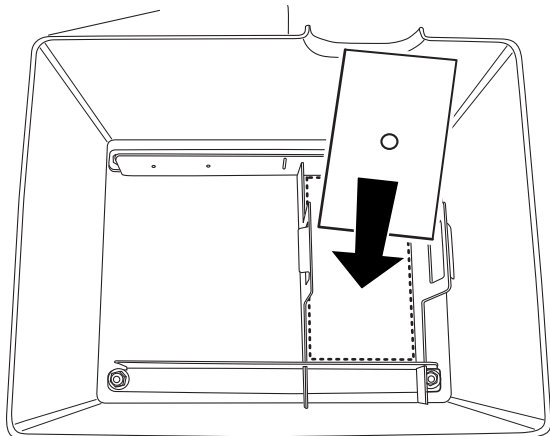
13. Temporarily install the front plate with bolts, lock nuts and washers.



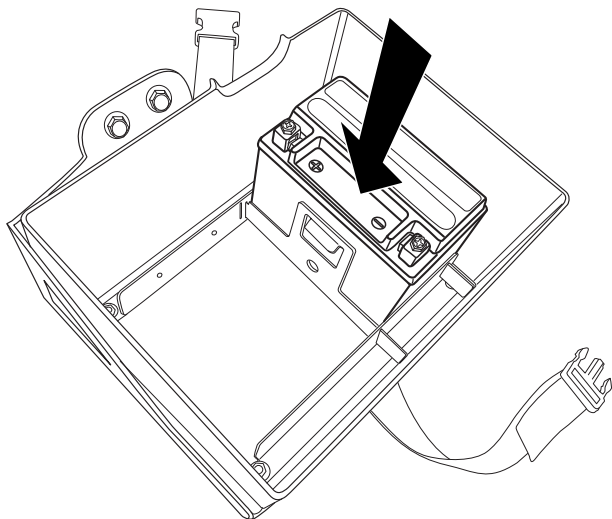
INSTALLATION - Auxiliary Battery Box

Battery Placement

14. Position the mat between the plates.

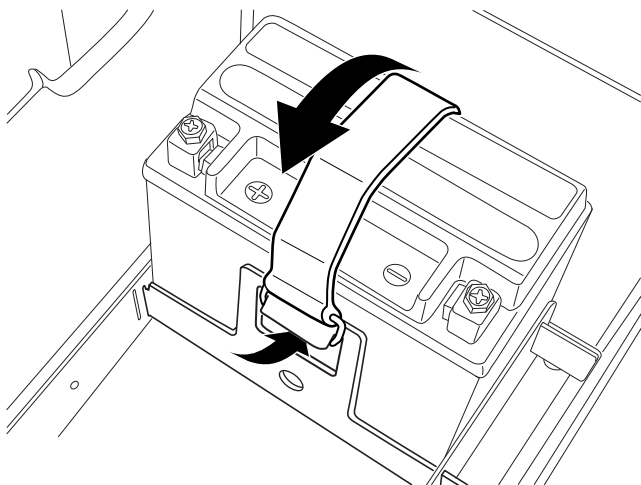


15. Position the battery on the mat between the plates.



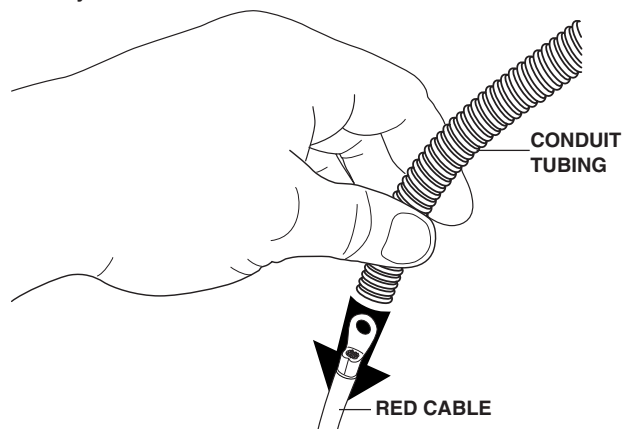
16. Adjust the plates to the battery. Torque the 6 mm battery box bolts and nuts. Refer to the torque chart on page 2.

17. Install the band over the battery.

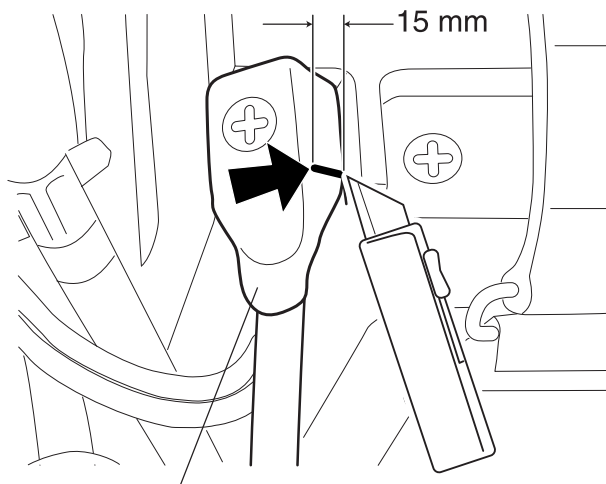


Battery Power Cables Connection

18. Slide the plastic conduit tubing over the long red battery cable.



19. Cut 15 mm of the red positive terminal boot on the vehicle battery as shown. This allows room for the connection from the auxiliary battery.

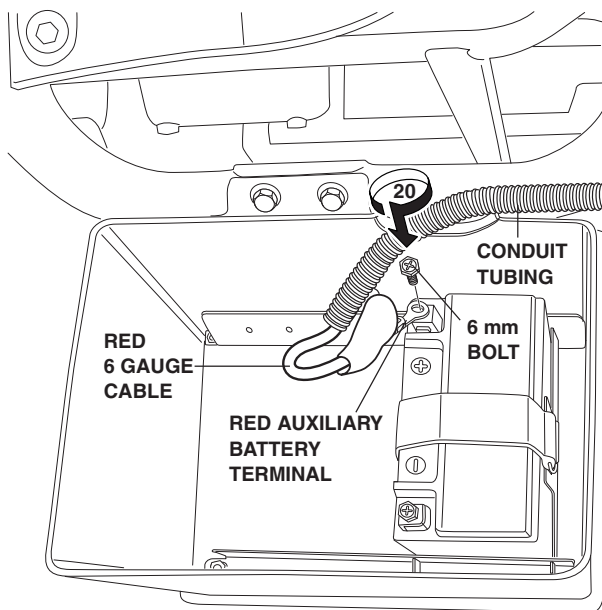


VEHICLE POSITIVE TERMINAL BOOT

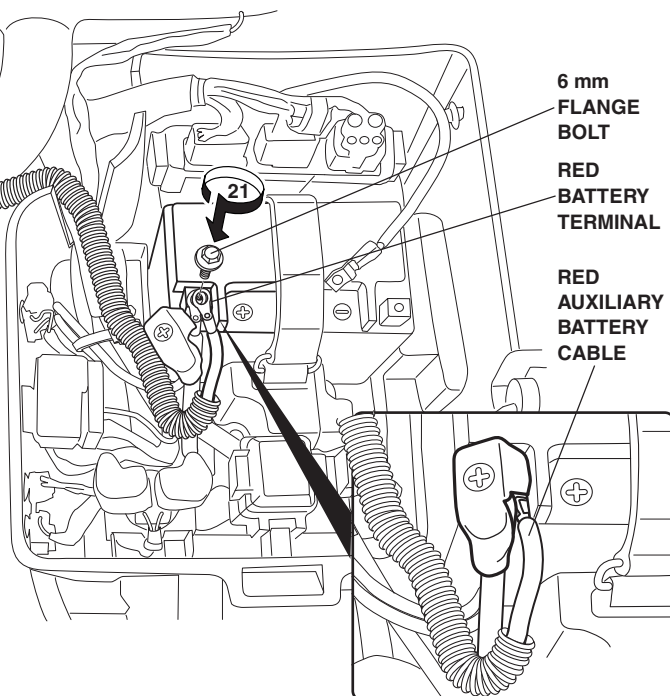
INSTALLATION - Auxiliary Battery Box

Battery Cable Connection

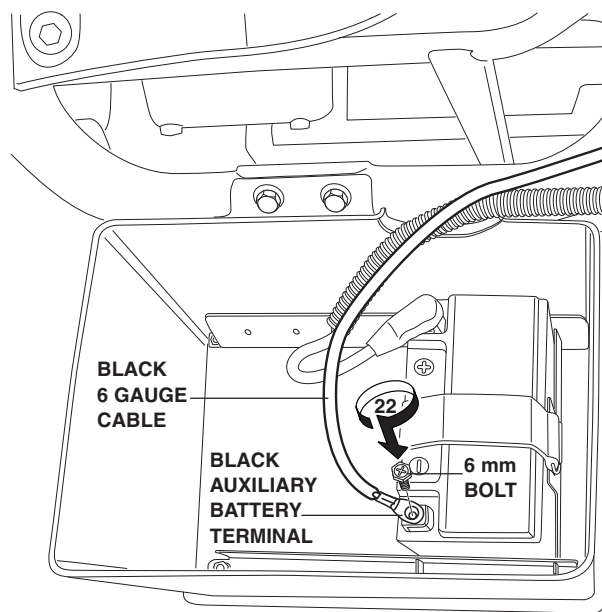
20. Place the terminal boot over the red 6 gauge power cable and install to the positive labeled terminal on the auxiliary battery. Refer to the torque chart on page 2 of these instructions and torque the 6 mm auxiliary battery terminal bolt. Slide the boot over the auxiliary battery terminal.



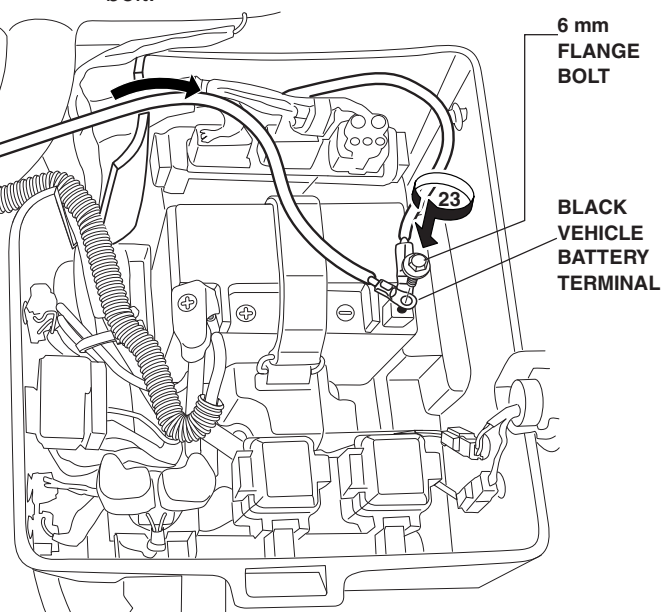
21. Using the 6 mm flange bolt supplied, install the red 6 gauge power cable to the positive-labeled terminal on the vehicle battery. Refer to the torque chart on page 2 of these instructions and torque the 6 mm flange bolt. Slide the boot over the vehicle battery terminal.



22. Install the black 6 gauge power cable to the negative labeled terminal on the auxiliary battery. Refer to the torque chart on page 2 of these instructions and torque the 6 mm auxiliary battery terminal bolt.



23. Using the 6 mm flange bolt supplied, install the black 6 gauge power cable to the negative-labeled terminal on the vehicle battery. Refer to the torque chart on page 2 of these instructions and torque the 6 mm flange bolt.

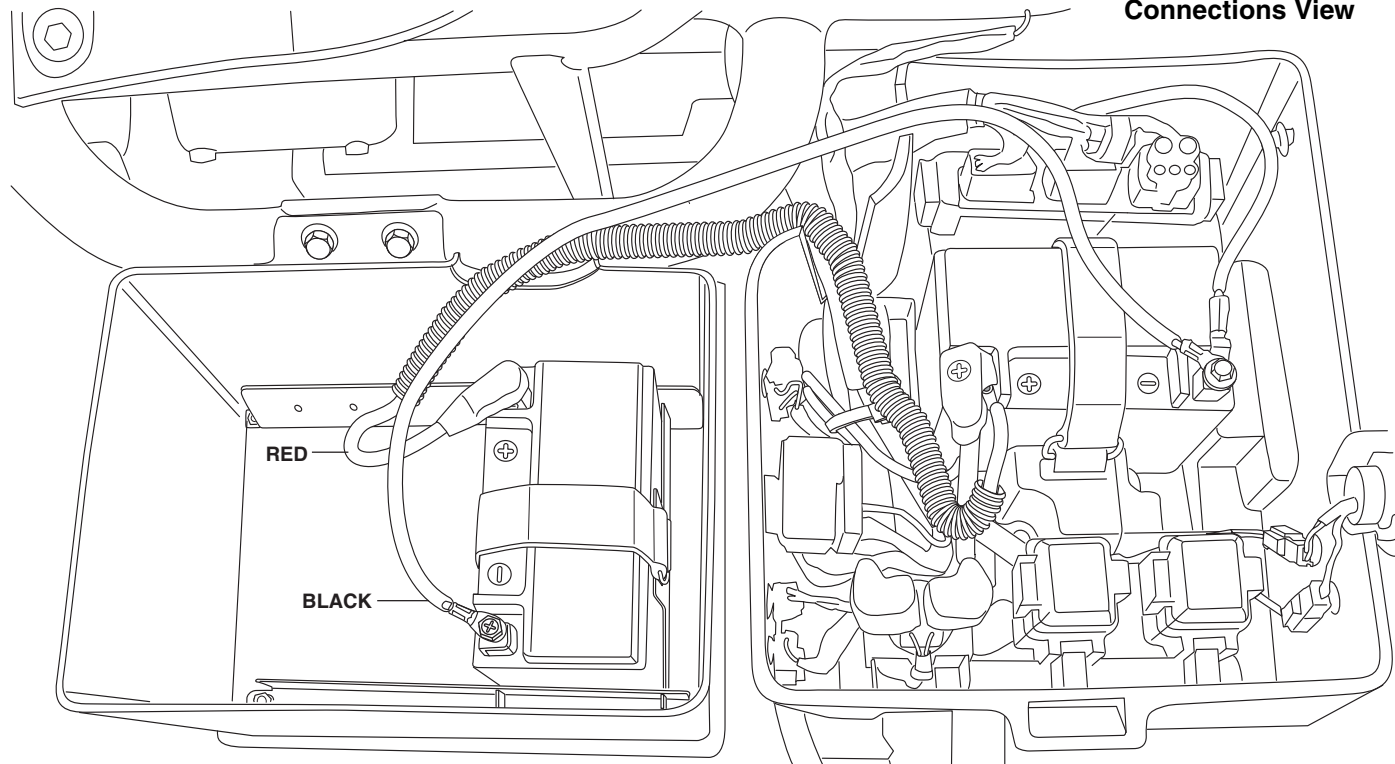


INSTALLATION - Auxiliary Battery Box

Battery Cables Connection

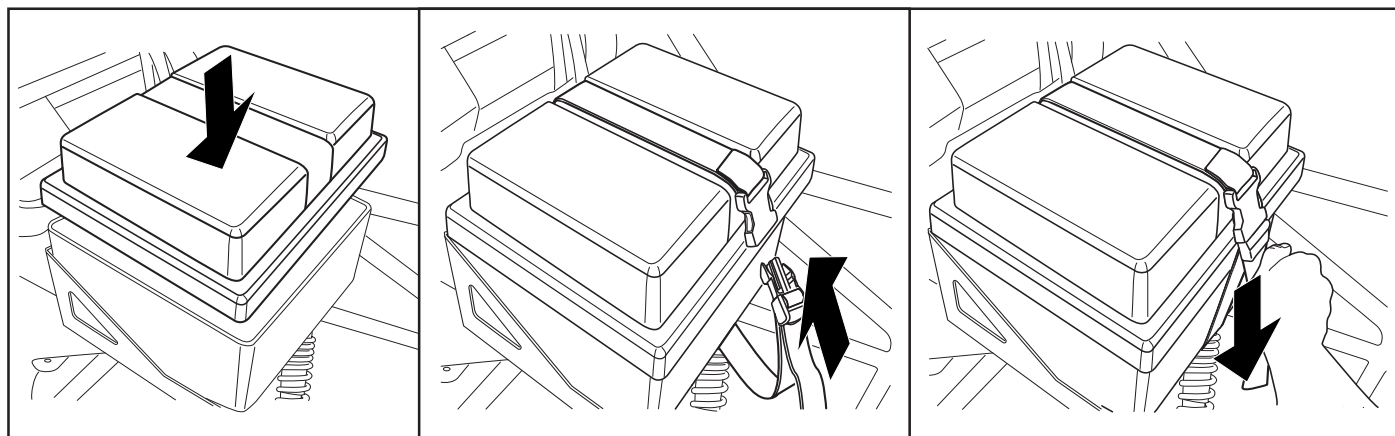
24. Completed cable installation with boots in place should match the diagram shown below.

**Overall Wiring
Connections View**



Box Lid Assembly

25. Position the lid on top of the box, place the strap over the box and connect the buckle. Tighten the strap.



26. Replace the main vehicle battery compartment lid and snap it into place.

Check the System

27. Before using your MUV, verify the following:

- Wiring to all components is correct. All loose wires are wrapped tight using cable-ties.
- There are no exposed wiring or terminals. Cover any existing terminal exposures with terminal boots, heat shrink tubing or electric tape.