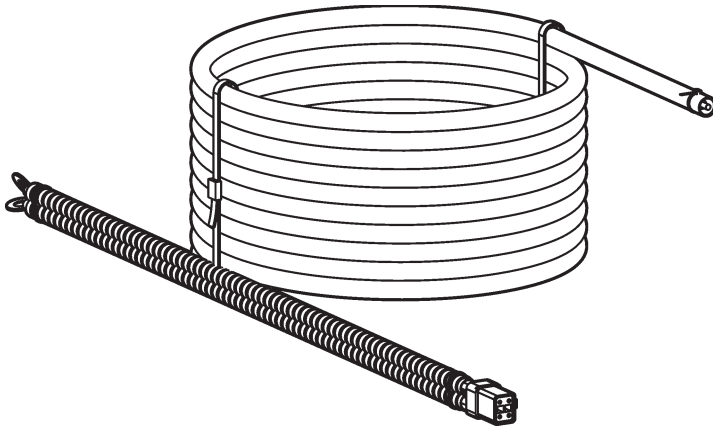
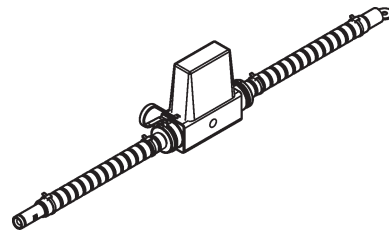


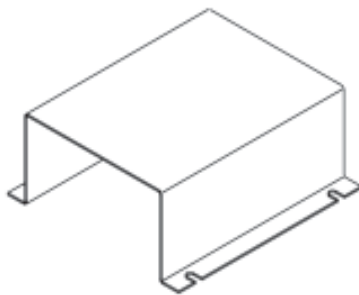
INSTRUCTION, TRAIL CHARGER KIT P/N 267370-01



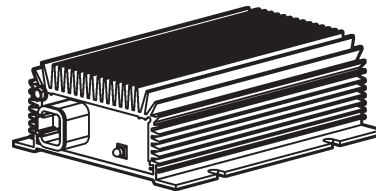
TRAIL CHARGER CABLE ASSEMBLY
P/N 267369-01
QTY. 1



FUSE & FUSE HOLDER ASSEMBLY
P/N 267376-01
QTY. 1



COVER (TRAIL CHARGER)
P/N 267522-01
QTY. 1



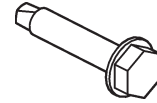
DC-DC CONVERTER
P/N 906484-01
QTY. 1



RUBBER LOOM CLAMP, #8
P/N 214663
QTY. 12



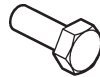
SELF TAP HEX SCREW,
#14 X 5/8" LG.
P/N 900067-02
QTY. 10



HEX SELF-TAPPING SCREW,
1/4"-14 X 1-1/2" LG.
P/N 900703-03
QTY. 1



FLAT WASHER
P/N 902000-2
QTY. 8



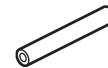
CAP SCREW, 1/4"-20 X 3/4" LG, GR. 8
P/N 900004-2
QTY. 8



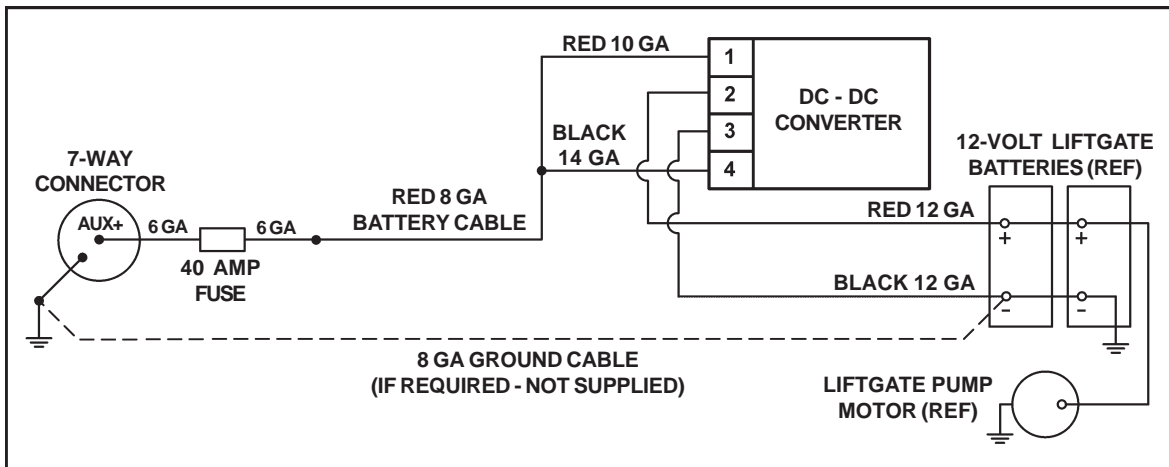
LOCK NUT, 1/4"-20
P/N 901000
QTY. 8



PLASTIC TIE 4" (18 LB)
P/N 208153
QTY. 10



HEAT SHRINK TUBING,
1 - 8 GA X 3" LG.
P/N 093207-10
QTY. 1

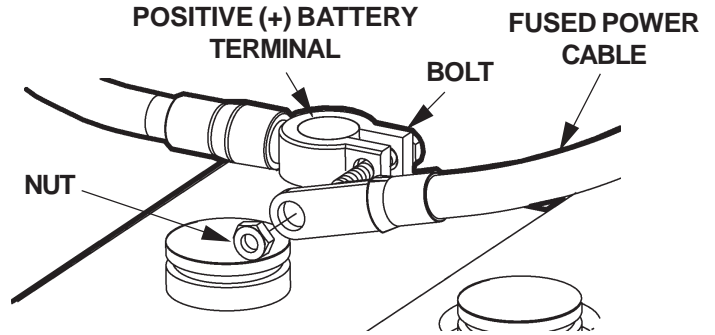


TRAIL CHARGER ELECTRICAL WIRING DIAGRAM (REF)

⚠ CAUTION

Never route an energized wire. Make sure the Liftgate battery is disconnected. Always route electrical wires clear of moving parts, brake lines, sharp edges and exhaust systems. Avoid making sharp bends in wiring. Attach securely. If drilling is necessary, first check behind the drilling surface so you do not damage any fuel lines, vent lines, brake lines, or wires.

1. Remove nut from positive (+) battery terminal connector to disconnect Fused Power Cable (**FIG. 3-1**). Reinstall nut.



DISCONNECTING FUSED POWER CABLE FROM LIFTGATE BATTERIES
FIG. 3-1

NOTE: Liftgate Battery Box may already have mounting holes for the Converter on the back wall. Check before drilling. If the holes are provided, skip step 2.

2. Use the Converter as a template to mark 4 mounting holes outside the back wall of Liftgate Battery Box (**FIGS. 3-2A & 3-2B**). Then drill the 4 holes with 5/16" drill bit. Remove all metal debris from drilling.

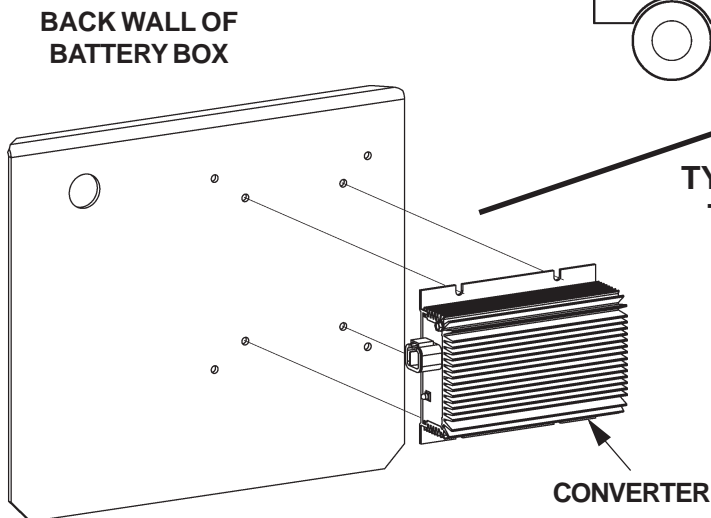
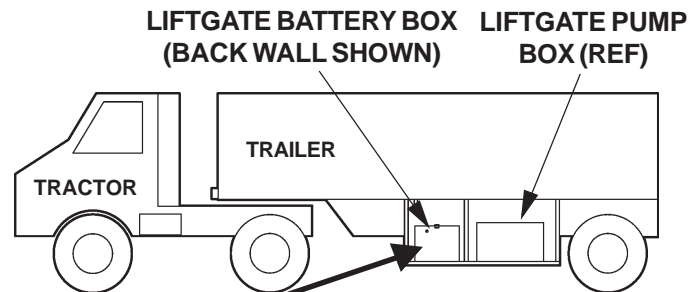
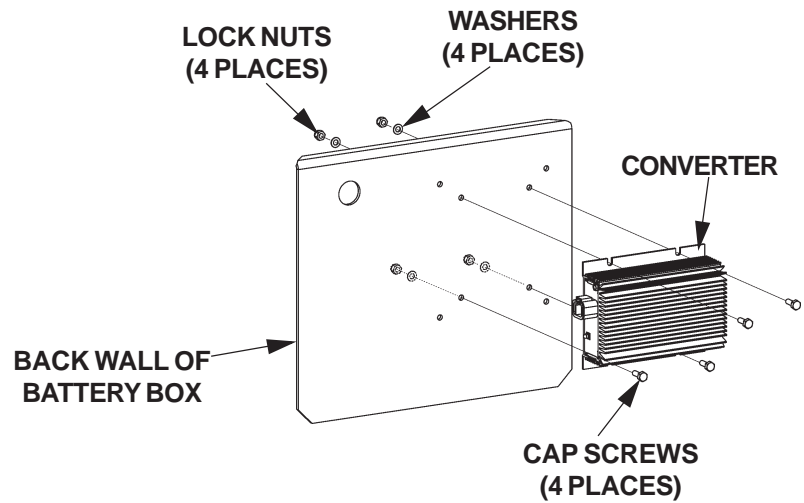


FIG. 3-2B



TYPICAL LIFTGATE BATTERY BOX ON TRAILER (ACTUAL LOCATION MAY DIFFER FROM THAT SHOWN)
FIG. 3-2A

3. Bolt the Converter outside the back wall of Liftgate Battery Box (**FIG. 4-1**).



BOLTING CONVERTER ON BATTERY BOX
FIG. 4-1

NOTE: Liftgate Battery Box may already have mounting holes on the back wall for the Cover. Check before drilling. If the holes are provided, skip step 4.

4. Use the Cover as a template to mark 4 mounting holes outside the back wall of Liftgate Battery Box (**FIG. 4-2**). Then drill the 4 holes with 5/16" drill bit. Remove all metal debris from drilling.

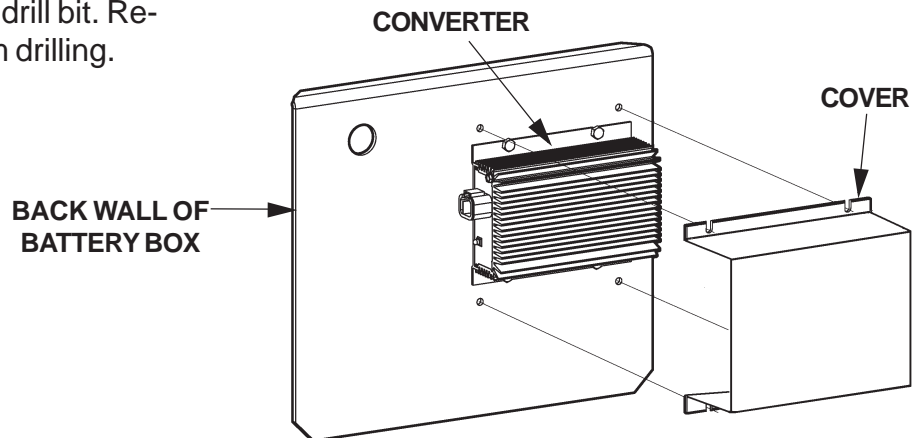
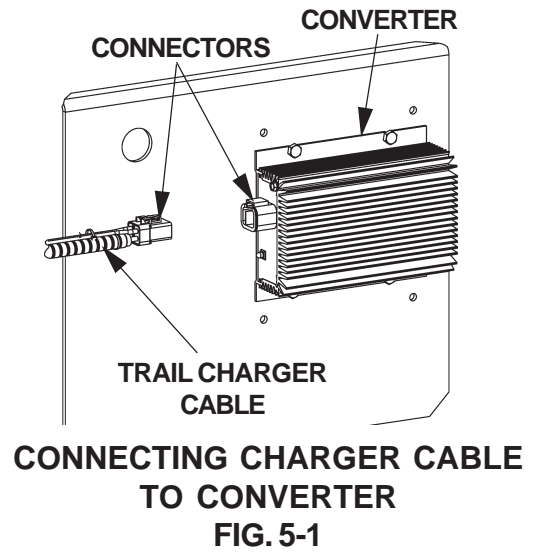


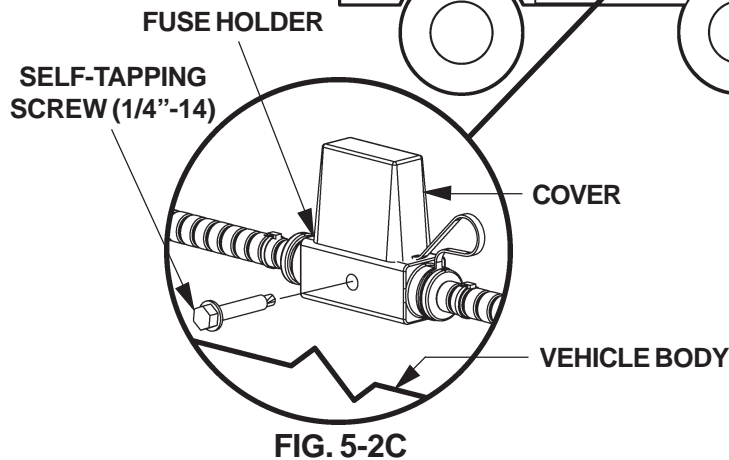
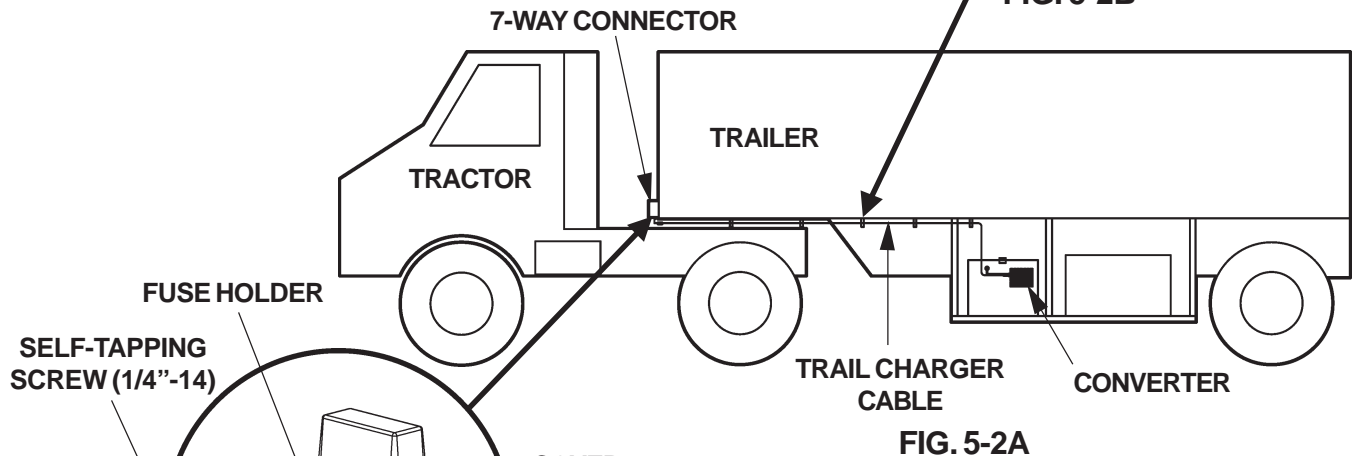
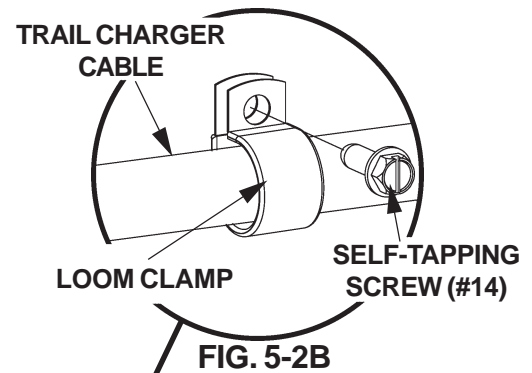
FIG. 4-2

5. Connect the Trail Charger Cable to Converter (**FIG. 5-1**). Then connect the Fuse Holder to the Trailer Charger Cable and heat shrink the connection (**FIG. 5-2**).

NOTE: If the trailer chassis is a poor electrical ground, connect an 8 gauge grounding cable between ground on the Liftgate Battery Box to ground terminal on 7-Way connector.



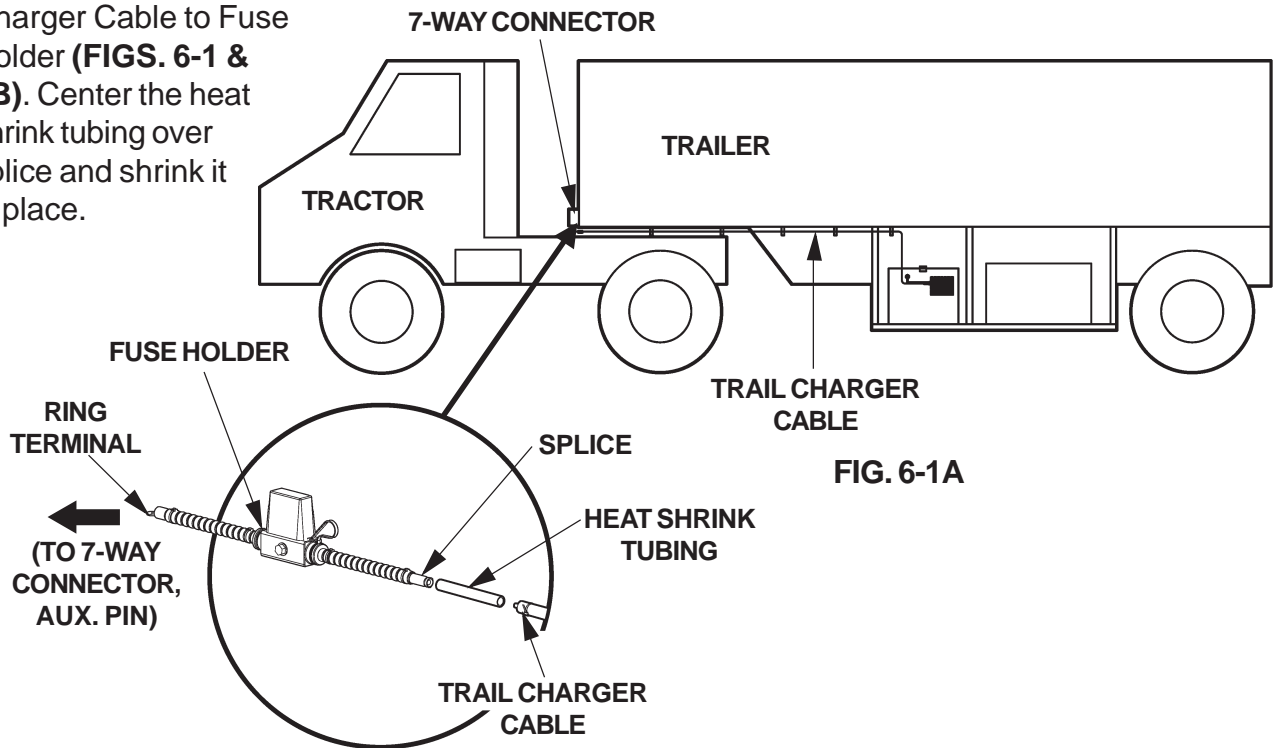
6. Run the Trail Charger Cable under the trailer to the 7-Way Connector on the front of trailer (**FIGS. 5-2A & 5-2B**). Secure the Cable to Vehicle underbody with Rubber Loom Clamps and self-tapping screws (**FIGS. 5-2A & 5-2B**). Then position the Fuse Holder close enough to connect ring terminal on Fuse Holder to the 7-Way Connector. Secure the Fuse Holder to Vehicle with tap screw as shown in **FIG. 5-2C**. Do not connect Fuse Holder wiring until instructed.



NOTE: Fuse Holder is more water resistant if positioned with the cover pointing up. Position the Fuse Holder on the vehicle body only as shown in the FIGURE.

NOTE: Make sure Charger Cable is long enough to reach Fuse Holder without putting strain on cable, and short enough to keep cable from being bundled or coiled.

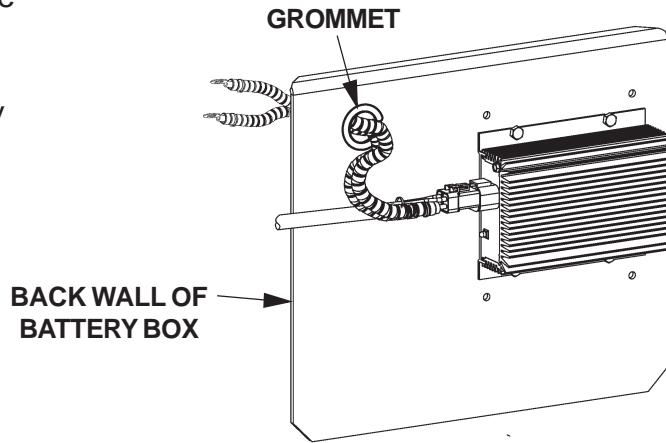
7. Place the heat shrink tubing over the Trail Charger Cable (**FIGS. 6-1A & 6-1B**). Splice the Charger Cable to Fuse Holder (**FIGS. 6-1 & 6B**). Center the heat shrink tubing over splice and shrink it in place.



**SPLICING CHARGER CABLE
TO FUSEHOLDER
FIG. 6-1B**

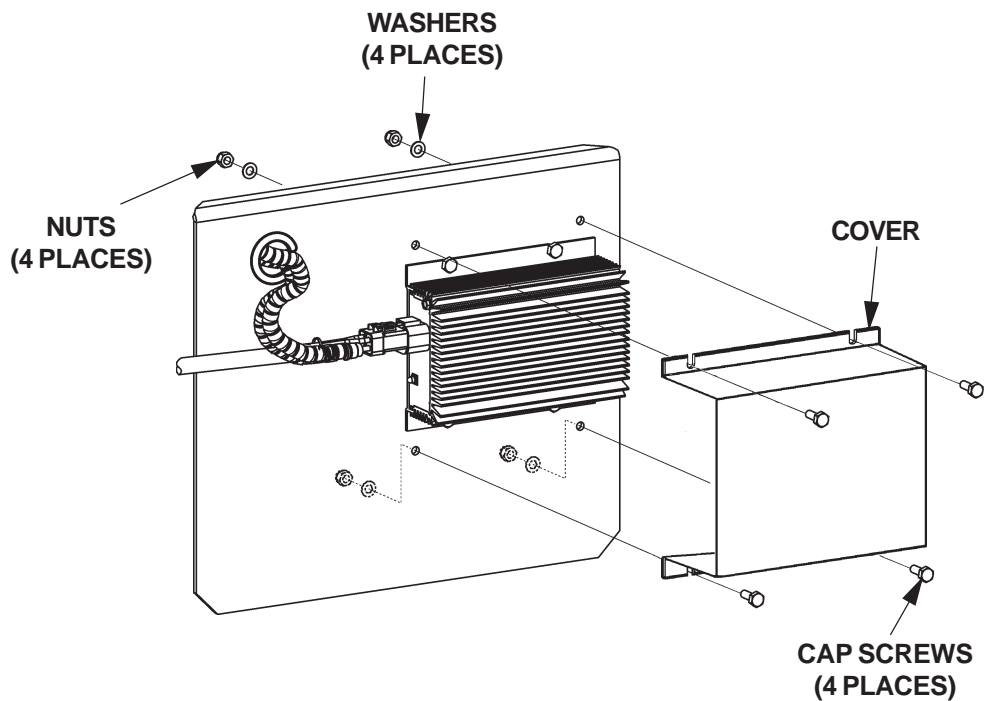
8. Make sure 7-Way Connector (**FIG. 6-1A**) is disconnected from tractor. Connect ring terminal on the Fuse Holder (**FIG. 6-1B**) to the “**AUXILIARY**” terminal on the 7-Way Connector. Reconnect the tractor to 7-Way Connector (**FIG. 6-1A**).

9. Run the **RED** wire and **BLACK** wire on the Battery Box end of the Charger Cable (**FIG. 7-1**) through the grommet on the Liftgate Battery Box.



**RUNNING RED WIRE & BLACK WIRE IN LIFTGATE BATTERY BOX
FIG. 7-1**

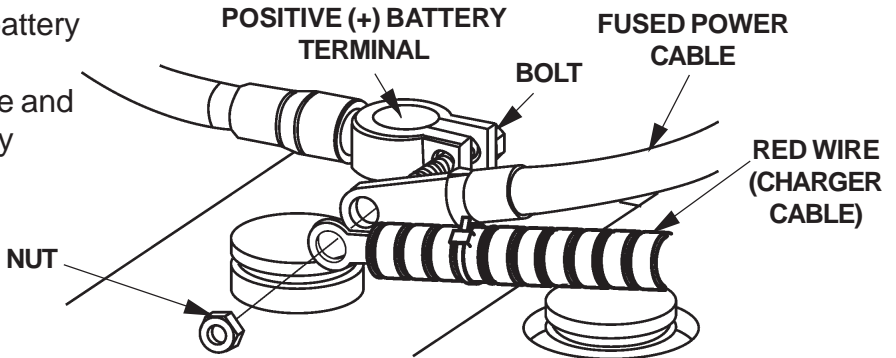
10. Bolt the Cover on the back wall of the Liftgate Battery Box (**FIG. 7-2**).



**BOLTING COVER ON BATTERY BOX
FIG. 7-2**

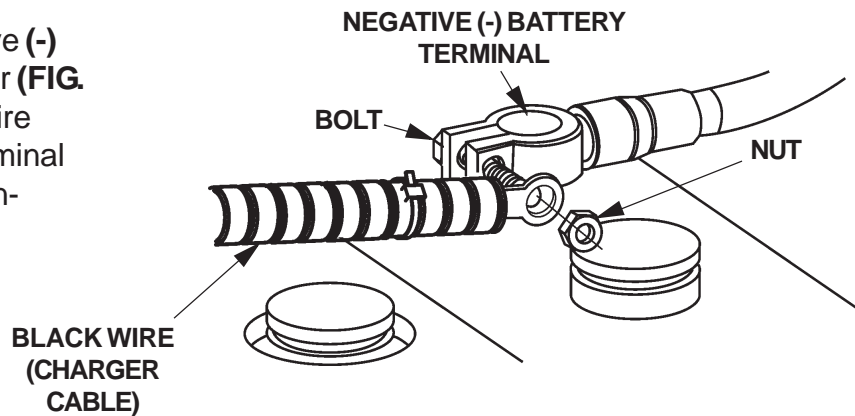
NOTE: If this Trail Charger Kit is a part of High Performance Charge Kit (P/N **267580-01**), skip steps 11 and 12. Refer to Instruction Sheet **M-05-20**, for connecting cables to batteries.

11. Remove nut from positive (+) battery terminal connector (**FIG. 8-2**). Reconnect Fused Power Cable and **RED** wire to positive (+) battery terminal connector (**FIG. 8-2**). Reinstall and tighten nut.



CONNECTING RED WIRE & FUSED POWER CABLE TO LIFTGATE BATTERIES
FIG. 8-2

12. Remove nut from negative (-) battery terminal connector (**FIG. 8-3**). Connect **BLACK** wire to negative (-) battery terminal connector (**FIG. 8-3**). Reinstall and tighten nut.



CONNECTING BLACK WIRE TO LIFTGATE BATTERIES
FIG. 8-3