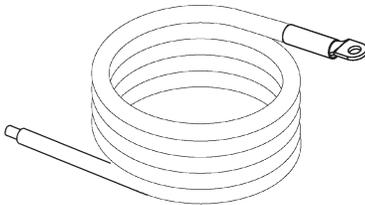
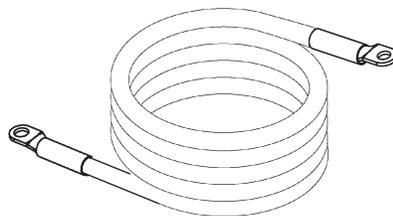


INSTRUCTION, 2/0 AWG TRUCK CHARGE LINE KIT

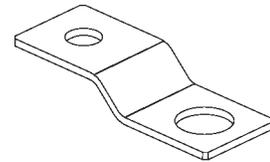
2/0 AWG CHARGE LINES KIT P/N 285860-01



**CABLE ASSEMBLY,
2/0 AWG RED, 33' LG.
P/N 295968-01
QTY. 1**



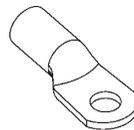
**CABLE ASSEMBLY,
(2 AWG BLACK), 33' LG.
P/N 284114-01
QTY. 1**



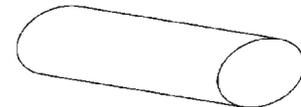
**BATTERY JUMPER
(CIRCUIT BREAKER MOUNT)
P/N 295967-01
QTY. 1**



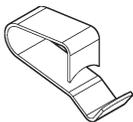
**LUG TERMINAL,
2/0 GA, 3/8" (COPPER)
P/N 907116-01
QTY. 1**



**CABLE LUG,
2 GA, COPPER, 3/8"
P/N 906497-03
QTY. 1**



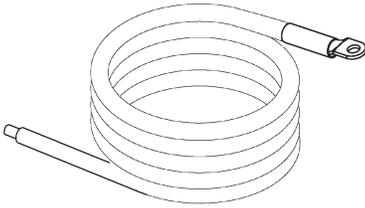
**HEAT SHRINK TUBING,
3/4" X 1-1/2" LG
P/N 253316-04
QTY. 2**



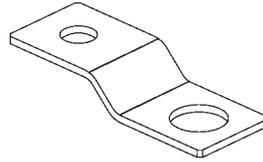
**SPRING CLIP
P/N 050079
QTY. 8**



**PLASTIC TIE, 7"
P/N 205780
QTY. 8**

**BMRA (2 AWG) CHARGE LINE KIT
P/N 280290**

**CABLE ASSEMBLY,
2 AWG RED, 40' LG.
P/N 295968-02
QTY. 1**



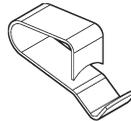
**BATTERY JUMPER
(CIRCUIT BREAKER MOUNT)
P/N 295967-01
QTY. 1**



**HEAT SHRINK TUBING,
3/4" X 1-1/2" LG
P/N 253316-04
QTY. 1**



**CABLE LUG,
2 GA COPPER, 3/8"
P/N 906497-03
QTY. 1**



**SPRING CLIP
P/N 050079
QTY. 7**



**PLASTIC TIE, 7"
P/N 205780
QTY. 10**

⚠ WARNING

Remove all rings, watches and jewelry before doing any electrical work.

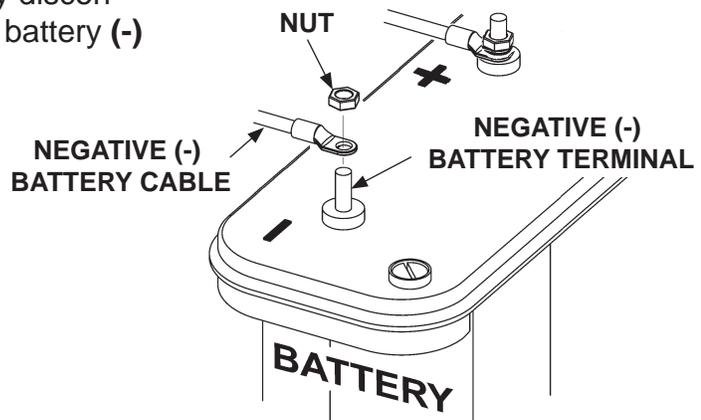
⚠ WARNING

To prevent accidental personal injury and equipment damage, disconnect (-) battery cable from battery.

⚠ WARNING

Never route an energized wire. Make sure 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.

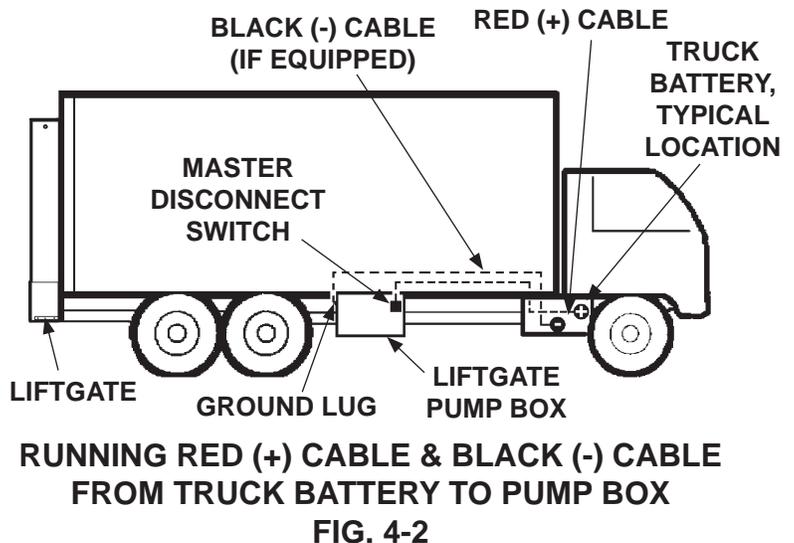
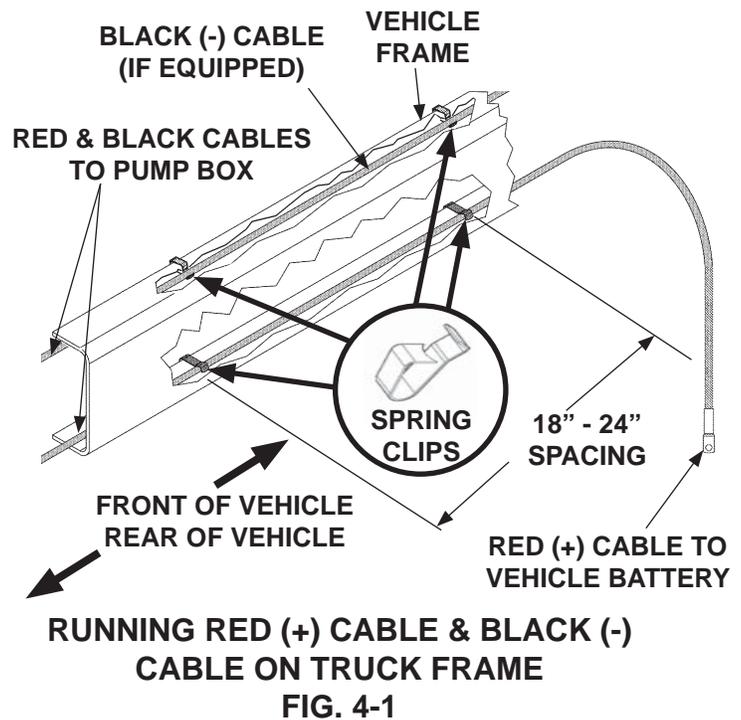
1. Disconnect power from truck battery by disconnecting negative (-) battery cable from battery (-) terminal (FIG. 3-1).



DISCONNECTING POWER
FIG. 3-1

NOTE: Make sure **RED (+)** cable is long enough to reach truck battery (+) terminal & master disconnect switch on Liftgate pump box, without putting tension on the cable. Ensure 3/8" cable lug, on **RED (+)** cable, is positioned by the truck battery (+) terminal. If **BLACK (-)** cable is provided with Kit, ensure cable is long enough to reach truck battery (-) terminal & ground lug on Liftgate pump box, without putting tension on the cable. Ensure 3/8" cable lug, on **BLACK (-)** cable, is positioned by the truck battery (-) terminal. Maintain enough slack on both cable ends to prevent connections from being strained. Cut cable to final length at the pump box.

- Run **RED (+)** power cable along the inside of the vehicle frame from truck battery to Liftgate pump box master disconnect switch (**FIGS. 4-1 and 4-2**). If equipped, run **BLACK (-)** cable along the inside of the vehicle frame from truck battery to ground lug on Liftgate pump box (**FIGS. 4-1 and 4-2**). Use spring clips and plastic ties (Kit items) as required to secure cables (**FIG. 4-1**).



NOTE: For 2/0 AWG charge line Kit **P/N 285860-01**, use copper terminal lug **P/N 907116-01** (Kit item) on the 2/0 AWG **RED (+)** cable. If 2 AWG charge line kit **P/N 280290** is being installed, use copper terminal lug **P/N 906497-03** (Kit item) on the 2 AWG **RED (+)** cable.

3. Prepare the wire end of the **RED (+)** cable, inserted in the pump box, as follows (**FIG. 5-3**). Measure (if needed), and then cut excess cable from bare wire end of **RED** cable (**FIG. 5-1**). Put heatshrink tubing (Kit item) (**FIG. 5-1**) on the end of the cable and leave room for terminal lug. Crimp copper terminal lug (Kit item) on the **RED** cable and shrink the heatshrink tubing (**FIG. 5-2**).

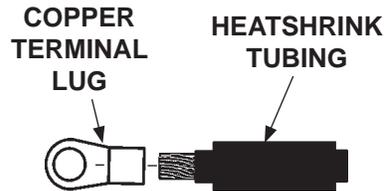
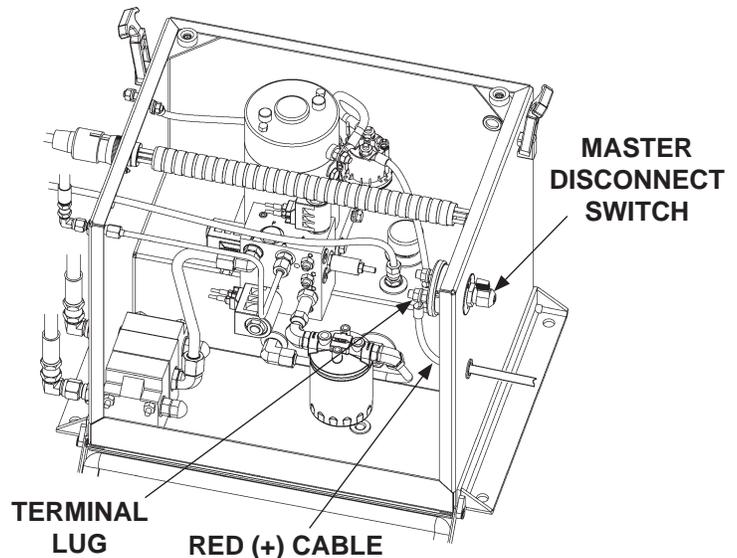


FIG. 5-1



FIG. 5-2

4. Connect **RED (+)** cable to unconnected terminal on the master disconnect switch (**FIG. 5-3**).



CONNECTING TERMINAL LUG TO MASTER DISCONNECT SWITCH
FIG. 5-3

NOTE: Make sure the Liftgate power unit, taillights on Liftgate, and vehicle charging system are connected correctly to a common ground.

NOTE: Do steps 5 & 6 only if 2/0 AWG charge line Kit **P/N 285860-01** is being installed. Use copper terminal lug **P/N 906497-03** (Kit item) on **BLACK (-)** cable.

5. Prepare wire end of the **BLACK (-)** cable (**FIG. 6-3**) as follows. Measure (if needed), and then cut excess cable from bare wire end of **BLACK** cable (**FIG. 6-1**). Put heatshrink tubing (Kit item) (**FIG. 6-1**) on the end of the cable and leave room for terminal lug. Crimp copper terminal lug (Kit item) on the **RED** cable and shrink the heatshrink tubing (**FIG. 6-2**).

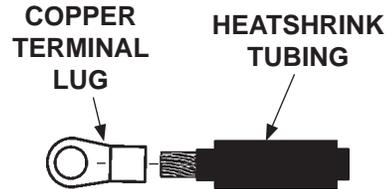
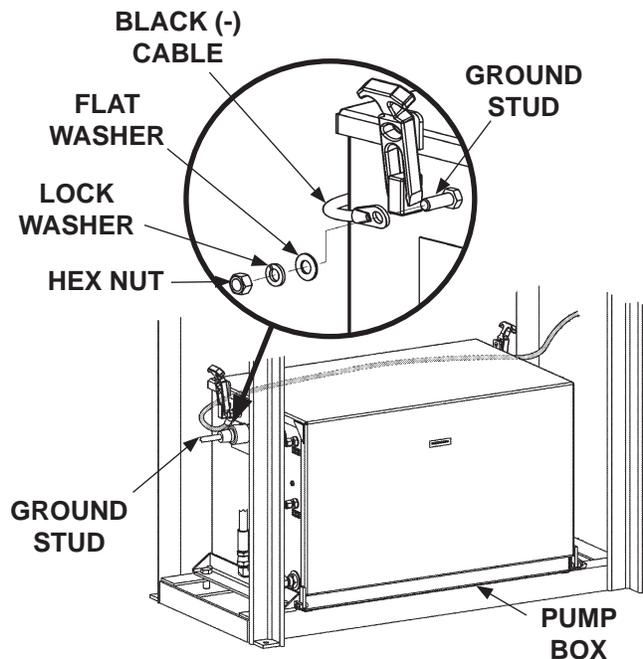


FIG. 6-1



FIG. 6-2

6. Connect **BLACK (-)** cable to ground stud on pump box (**FIG. 6-3**). Tighten nut securely.



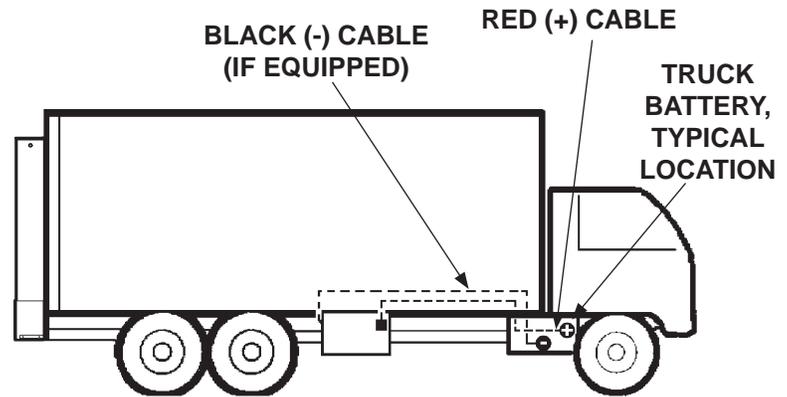
CONNECTING GROUND CABLE TO GROUND STUD
FIG. 6-3

NOTICE

Installation parts boxes, for BMR Liftgates, contain a 200 amp circuit breaker for the electrical system. Circuit breaker can be used if power unit is connected to vehicle batteries or optional battery box. **MAXON** recommends using the 200 amp circuit breaker to protect the Liftgate and vehicle electrical systems.

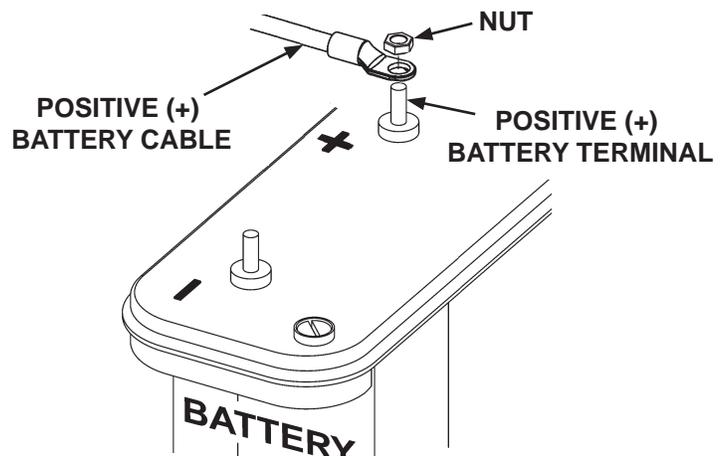
NOTE: MAXON recommends using dielectric grease on all electrical connections.

7. Connect **RED (+)** charge cable and **BLACK (-)** charge cable (if equipped) to truck battery as follows (**FIG. 7-1**).



CONNECTING RED (+) CABLE & BLACK (-) CABLE TO TRUCK BATTERY
FIG. 7-1

8. Remove nut from positive (+) battery terminal (**FIG. 7-2**). Then, disconnect positive (+) battery cable from battery.



DISCONNECTING POSITIVE (+) CABLE FROM BATTERY
FIG. 7-2

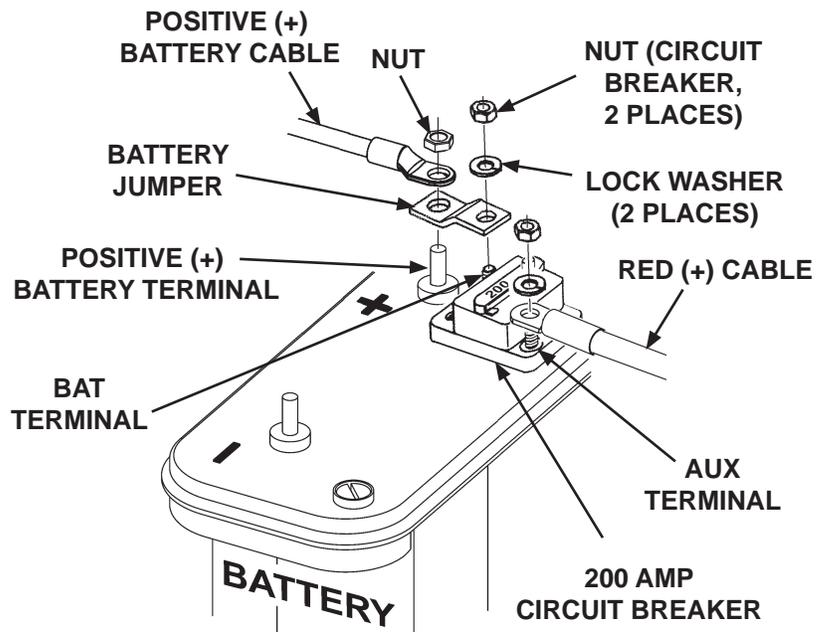
9. Remove 2 nuts and lock washers from 200 amp circuit breaker (installation part box item) (FIG. 8-1). Then, position circuit breaker next to positive (+) battery terminal (FIG. 8-1).

10. Use battery jumper (Kit item) to connect circuit breaker BAT terminal to (+) battery terminal (FIG. 8-1). Then, reconnect battery (+) cable to (+) battery terminal (FIG. 8-1).

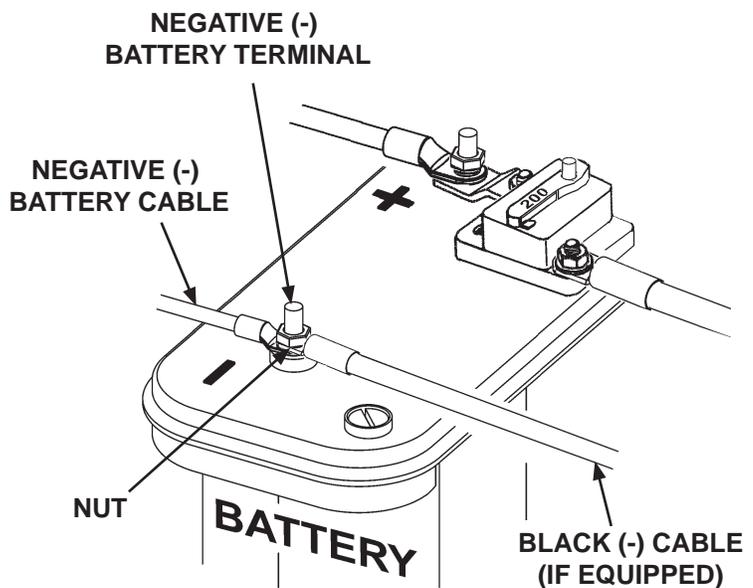
11. First, use nut and lock washer to secure jumper to circuit breaker (FIG. 8-1). Then, use nut to secure jumper and (+) battery cable to (+) battery terminal (FIG. 8-1).

12. Connect RED (+) cable (Kit item) to AUX terminal on 200 amp circuit breaker (FIG. 8-1). Secure RED (+) cable to AUX terminal with nut and lock washer (FIG. 8-1).

13. Reconnect negative (-) battery cable (Kit item) to (-) battery terminal (FIG. 8-2). If equipped, connect BLACK (-) cable (Kit item) to (-) battery terminal (FIG. 8-2). Then, use nut to secure (-) cables to (-) battery terminal (FIG. 8-2).



CONNECTING CIRCUIT BREAKER TO BATTERY
FIG. 8-1



RECONNECTING BATTERY (-) CABLE TO BATTERY
FIG. 8-2