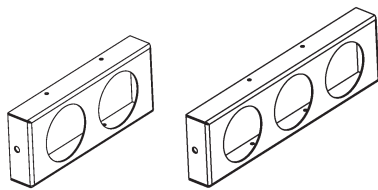


INSTRUCTIONS, LED (OR INCANDESCENT) LIGHTS KIT

NOTE: There are 6 separate kits for this application.

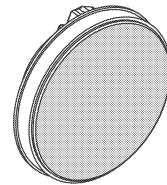
- KIT P/N 295554-01 (T-64) with 4 round incandescent lights (See TABLE 2-1.)
- KIT P/N 295554-02 (T-54) with 6 round incandescent lights (See TABLE 2-2.)
- KIT P/N 295554-03 (T-64) with 4 round LED lights (See TABLE 2-3.)
- KIT P/N 295554-04 (T-54) with 6 round LED lights (See TABLE 3-1.)
- KIT P/N 295554-06 (T-54) with 6 round incandescent lights (See TABLE 3-2.)
- KIT P/N 295554-08 (T-54) with 6 round LED lights (See TABLE 3-3.)



HOUSING BOX FOR 2
(OR FOR 3) ROUND LIGHTS
FIG. 1-1



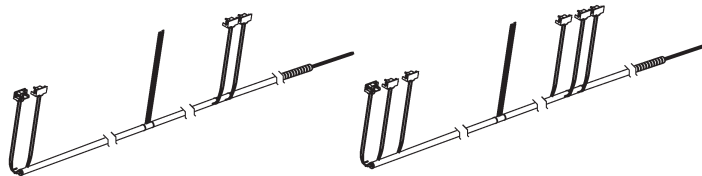
BOLT-ON LIGHT BRACKET
FIG. 1-2



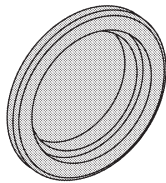
4" DIA. STOP & TURN LIGHT,
RED INCANDESCENT OR LED
FIG. 1-3



4" DIA. BACKUP LIGHT,
WHITE INCANDESCENT OR LED
FIG. 1-4



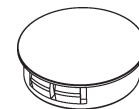
WIRING HARNESS, 4-LIGHT (OR 6-LIGHT)
FIG. 1-5



ROUND LIGHT GROMMET
FIG. 1-6



DECAL, WARNING, NO STEP
(ON HOUSING BOX)
FIG. 1-7

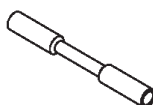


NYLON PLUG, 1/2"
FIG. 1-8

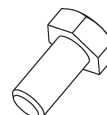
HARDWARE KIT P/N 295557-01 (FIG. 1-9)



GROMMET, 1" DIA.
DIAPHRAGM, 1/2" DIA. HOLE
P/N 266428-05
QTY. 2



BUTT SPLICE
P/N 263891
QTY. 10



SCREW, HEX CAP,
1/4"-20 X 3/4" LG.
P/N 900788-02
QTY. 12



MACHINE SCREW NUT,
1/4"-20
P/N 903163-01
QTY. 12

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-02	HOUSING BOX, 2 ROUND LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907291-01	STOP, TAIL & TURN 4" INCANDESCENT LIGHT, RED	2
1-4	907292-01	BACKUP 4" INCANDESCENT LIGHT (WHITE)	2
1-5	295558-01	4 LIGHT HARNESS, COMBINED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	4
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

CONTENTS OF KIT P/N 295554-01 (T-64) WITH 4 ROUND INCANDESCENT LIGHTS TABLE 2-1

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-01	HOUSING BOX, 3 ROUND LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907291-01	STOP, TAIL & TURN 4" INCANDESCENT LIGHT, RED	4
1-4	907292-01	BACKUP 4" INCANDESCENT LIGHT (WHITE)	2
1-5	295558-02	6 LIGHT HARNESS, COMBINED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	6
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

CONTENTS OF KIT P/N 295554-02 (T-54) WITH 6 ROUND INCANDESCENT LIGHTS TABLE 2-2

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-02	HOUSING BOX, 2 ROUND LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907293-01	STOP, TAIL & TURN 4" LED LIGHT, RED	2
1-4	907294-01	BACKUP 4" LED LIGHT (WHITE)	2
1-5	295558-01	4 LIGHT HARNESS, COMBINED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	4
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

CONTENTS OF KIT P/N 295554-03 (T-64) WITH 4 ROUND LED LIGHTS TABLE 2-3

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-01	HOUSING BOX, 3 LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907293-01	STOP, TAIL & TURN 4" LED LIGHT, RED	4
1-4	907294-01	BACKUP 4" LED LIGHT (WHITE)	2
1-5	295558-02	6 LIGHT HARNESS, COMBINED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	6
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

**CONTENTS OF KIT P/N 295554-04 (T-54) WITH 6 ROUND LED LIGHTS
TABLE 3-1**

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-01	HOUSING BOX, 3 LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907291-01	STOP, TAIL & TURN 4" INCANDESCENT LIGHT, RED	4
1-4	907292-01	BACKUP 4" INCANDESCENT LIGHT (WHITE)	2
1-5	295558-04	6 LIGHT HARNESS, SEPARATED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	6
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

**CONTENTS OF KIT P/N 295554-06 (T-54) WITH 6 ROUND LED LIGHTS
TABLE 3-2**

ITEM-FIG. ON SHT. 1	PART NO.	DESCRIPTION	QTY.
1-1	295553-01	HOUSING BOX, 3 LIGHTS	2
1-2	295552-02	BOLT-ON LIGHT BRACKET	4
1-3	907293-01	STOP, TAIL & TURN 4" LED LIGHT, RED	4
1-4	907294-01	BACKUP 4" LED LIGHT (WHITE)	2
1-5	295558-04	6 LIGHT HARNESS, SEPARATED STOP, TAIL & TURN	1
1-6	226412	LIGHT GROMMET	6
1-7	288963-01	WARNING DECAL, NO STEP	2
1-8	908081-01	NYLON PLUG FOR 1/2" HOLE	2
1-9	295557-01	HARDWARE KIT (FOR LIGHTS)	1

**CONTENTS OF KIT P/N 295554-08 (T-54) WITH 6 ROUND LED LIGHTS
TABLE 3-3**

⚠ WARNING

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

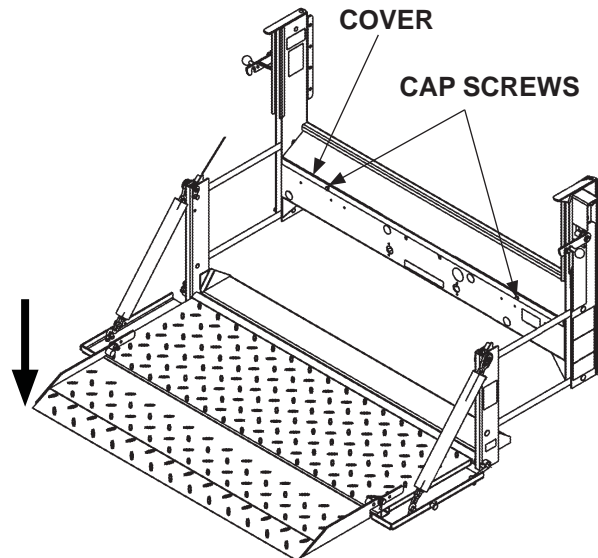
⚠ WARNING

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

⚠ WARNING

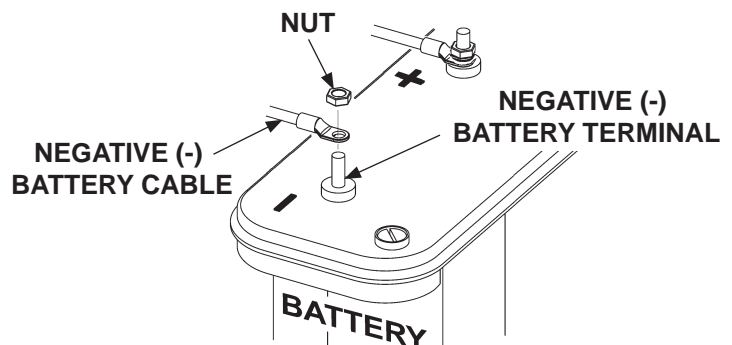
Never route an energized wire. Make sure battery is disconnected. Always route electrical wires clear of moving parts, brake lines, sharp edges and exhaust systems. Avoid making sharp bends in wiring. Attach securely. If drilling is necessary, first check behind the drilling surface so you do not damage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

1. Lower liftgate to ground (FIG. 4-1).



**UNBOLTING COVER, PLATFORM
ON THE GROUND
FIG. 4-1**

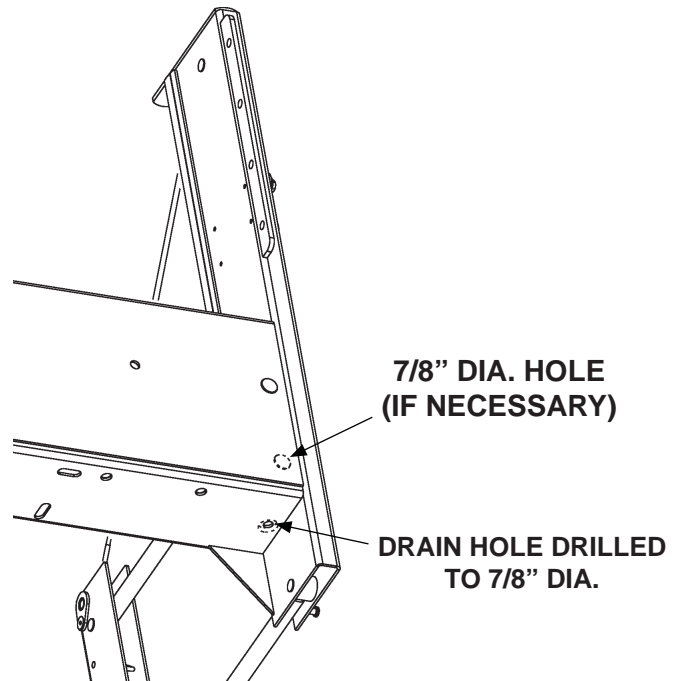
2. Disconnect power to liftgate by disconnecting negative (-) battery cable from battery (-) terminal (FIG.4-2).



**DISCONNECTING POWER
FIG. 4-2**

3. Unbolt the main frame box cover by removing two cap screws (FIG. 4-1).

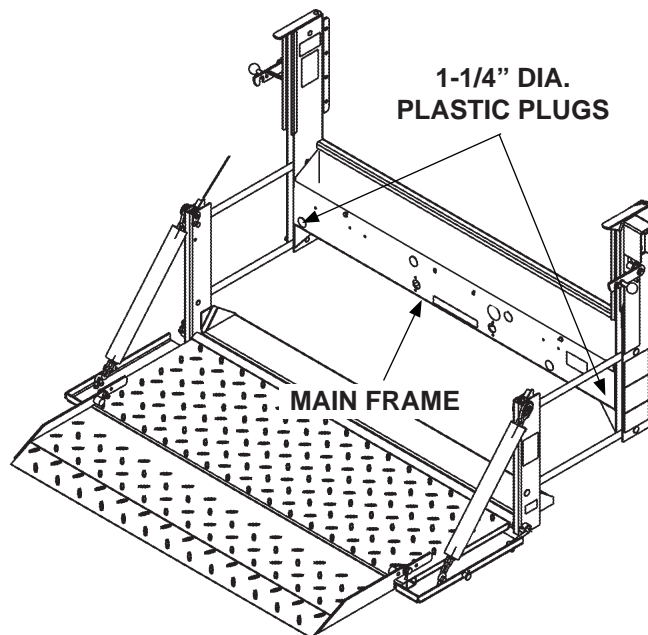
4. Select unused hole on the back or bottom of main frame, for routing light wiring harness to electrical harness on vehicle (**FIG. 5-1**). If necessary, drill 7/8" hole on back of the main frame.



HOLE IN MAIN FRAME FOR ROUTING LIGHT HARNESS TO VEHICLE WIRING HARNESS (BOTTOM VIEW AT LH COLUMN)

FIG. 5-1

5. Remove plastic plugs from two 1-1/4" access holes in front of the main frame (**FIG. 5-2**).



REMOVING PLASTIC PLUGS

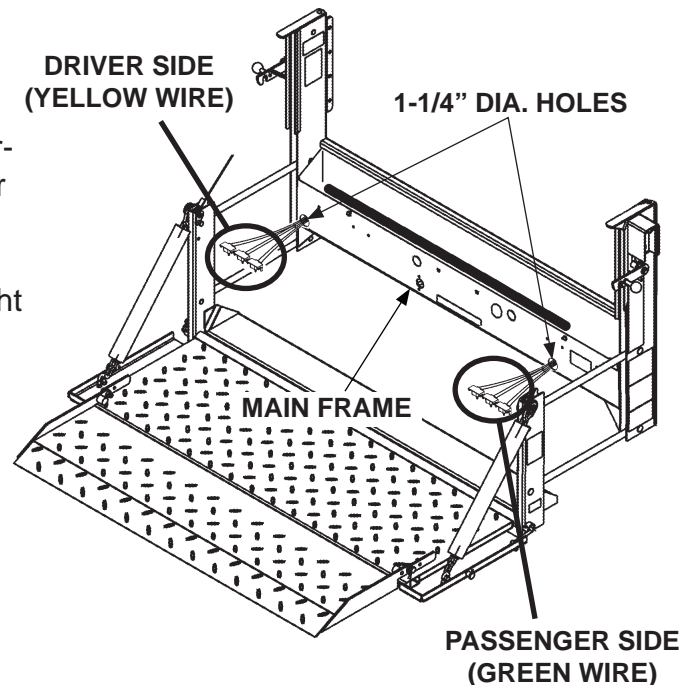
FIG. 5-2

NOTE: Ensure that the light connector with the **YELLOW** wire is routed through the driver side access hole on the housing and the light connector with the **GREEN** wire is routed through access hole on the passenger side.

NOTE: Leave harness draped loosely in main frame until all components are installed.

6. Place the 4-light or 6-light wiring harness in the main frame (**FIG. 6-1**).

- Pull driver side (LH) branch of the light harness through the access hole for the driver side (LH) lights.
- Pull passenger side (RH) branch of the light harness through the access hole for the passenger side (RH) lights.



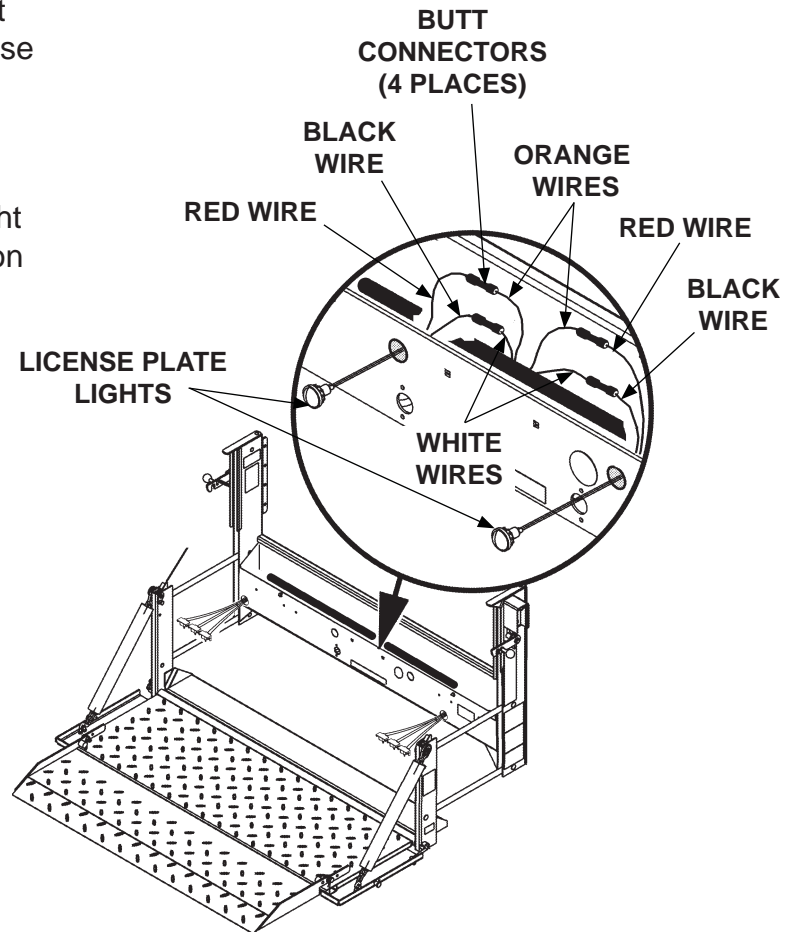
**ROUTING LIGHT WIRING HARNESS
(6-LIGHT HARNESS SHOWN)
FIG. 6-1**

NOTE: The light harness has 2 **ORANGE** wires and 2 **WHITE** wires to connect with the license plate lights on the liftgate.

7. Connect one **ORANGE** wire on light wiring harness to **RED** wire on license plate light using a heat-shrink butt splice (Kit item) (**FIG. 7-1**).

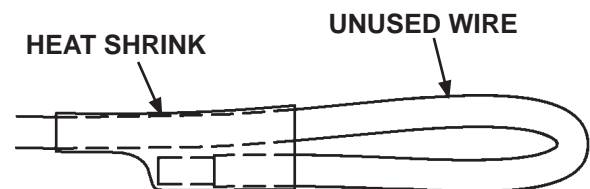
8. Connect one **WHITE** wire on the light wiring harness to the **BLACK** wire on the license plate light using a heat-shrink butt splice (**FIG. 7-1**).

9. Repeat **steps 7 and 8** for the 2nd license plate light.



CONNECTING LICENSE PLATE LIGHTS
FIG. 7-1

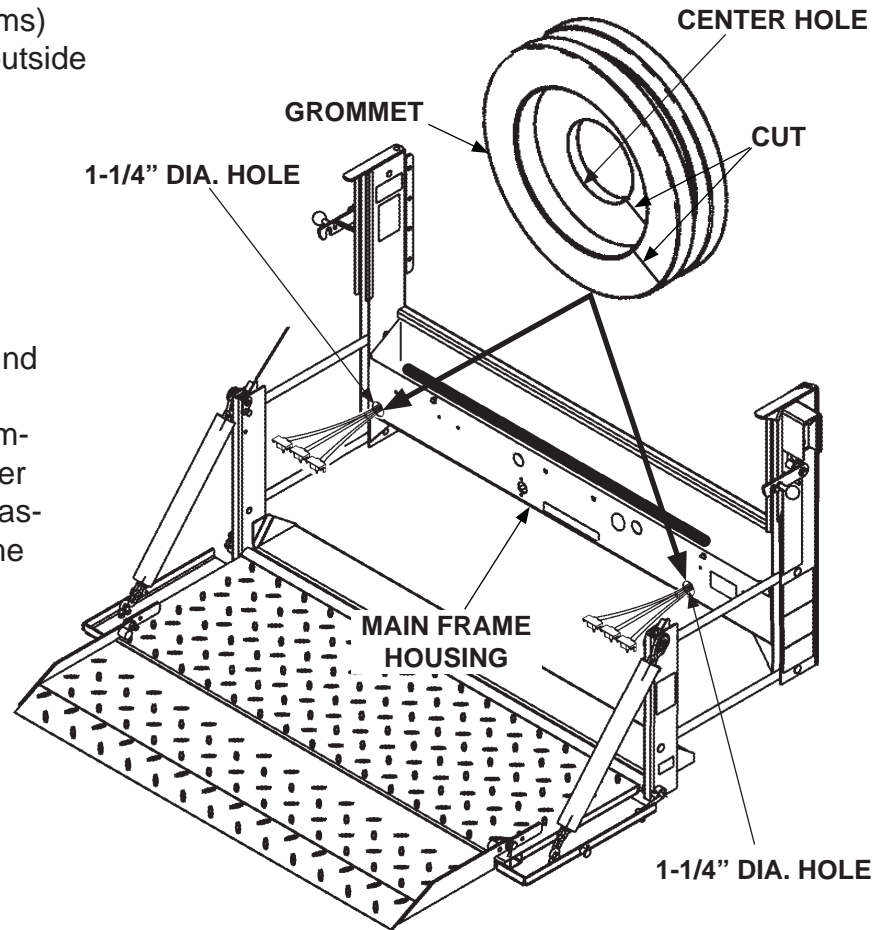
10. If there are unused wires after connecting the license plate lights, bend the exposed end of each unused wire as shown in **FIG. 7-2**. Then, wrap the end with heat shrink tubing (not supplied).



INSULATED WIRE END FOR UNUSED WIRE
FIG. 7-2

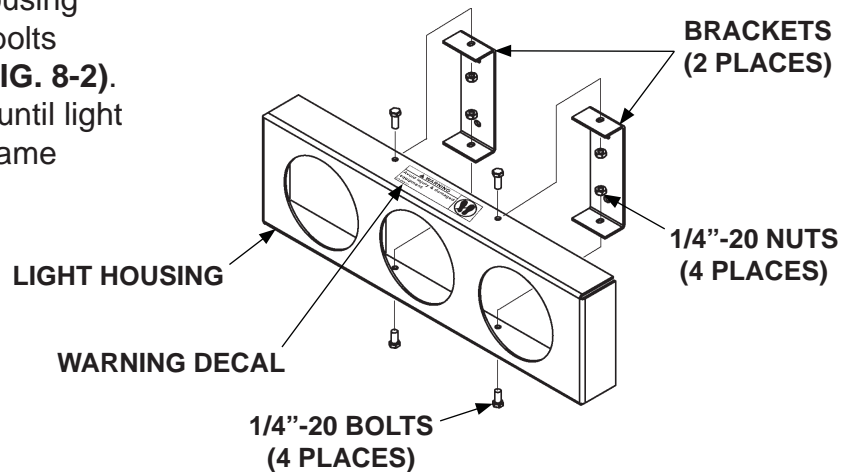
11. Cut two 1" grommets (Kit items) from the center hole to the outside of grommet (FIG. 8-1).

12. Place each 1" grommet around one of the light harness branches. Then, push 1 grommet into access hole on driver side and 1 grommet in the passenger side of the main frame housing (FIG. 8-1).



**INSTALLING RUBBER GROMMETS
FIG. 8-1**

13. Bolt 2 brackets to each light housing (Kit items) with 1/4"-20 X 3/4" bolts and 1/4"-20 nuts (Kit items) (FIG. 8-2). Keep the bolts and nuts loose until light housing is mounted on main frame housing.

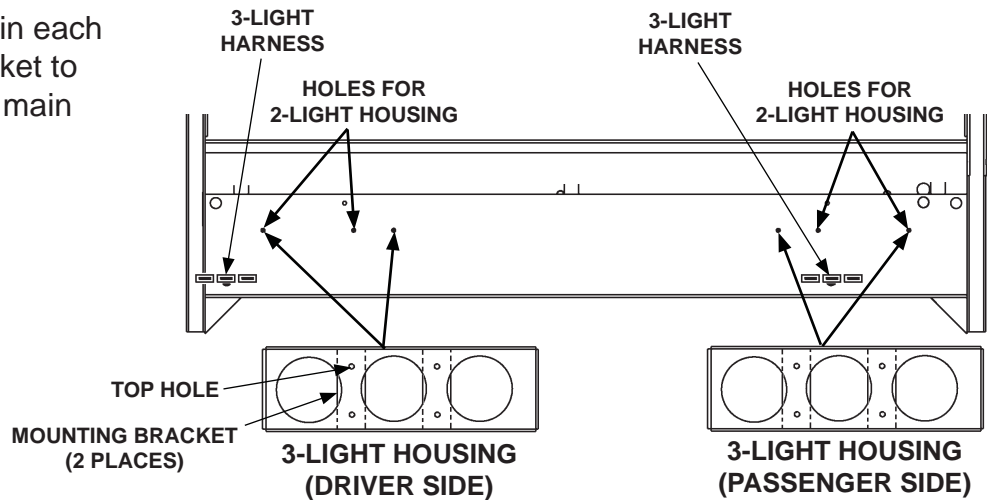


**BOLTING BRACKETS TO LIGHT HOUSING
(3-LIGHT HOUSING SHOWN)
FIG. 8-2**

NOTE: Before attaching the light housings to main frame

- Ensure **WARNING** decal is visible on top of the light housing.
- Ensure no light harness wires are pinched when routed through the back of the light housings.

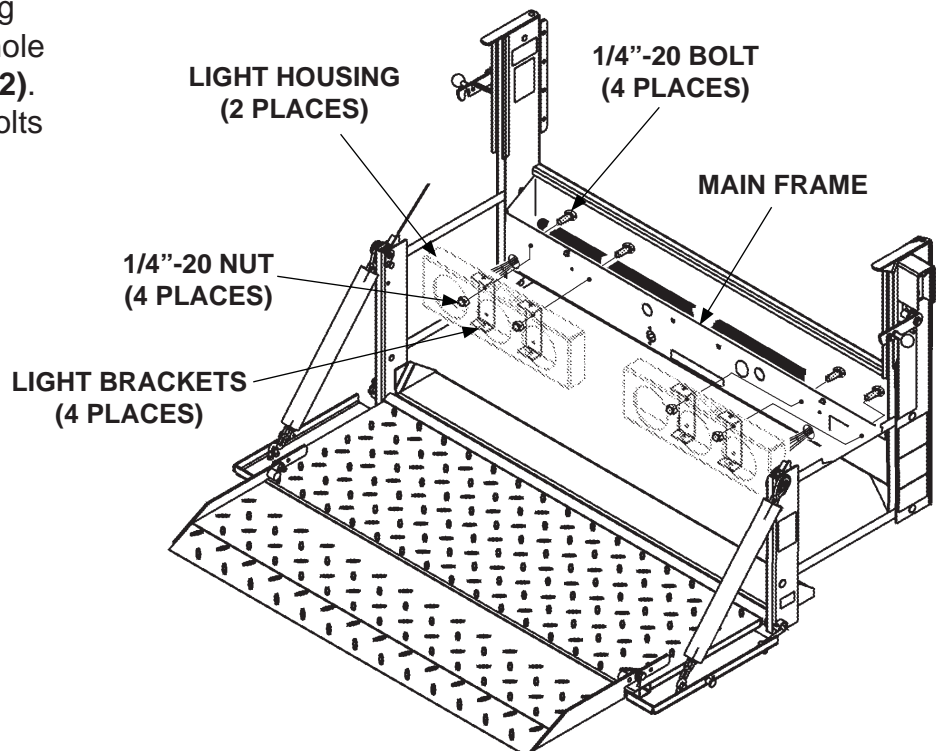
14. Match the top hole in each light mounting bracket to the correct hole on main frame (**FIG. 9-1**).



POSITIONING LIGHT HOUSINGS ON MAIN FRAME

FIG. 9-1

15. Bolt each light mounting bracket to the correct hole on main frame (**FIG. 9-2**). Torque each of the 4 bolts to **9 lb-ft.**

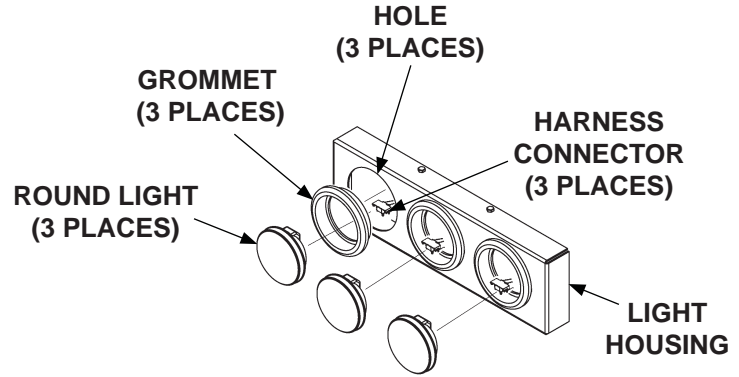


BOLTING LIGHT HOUSINGS TO MAIN FRAME

FIG. 9-2

NOTE: Verify the stop, turn, tail and backup lights operate correctly before inserting lights in grommets.

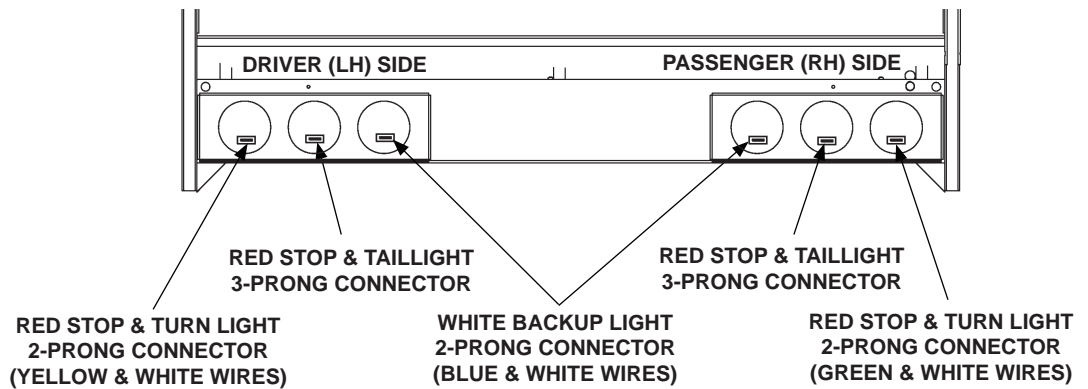
16. Press a rubber grommet into each hole in the light housings (FIG. 10-1).



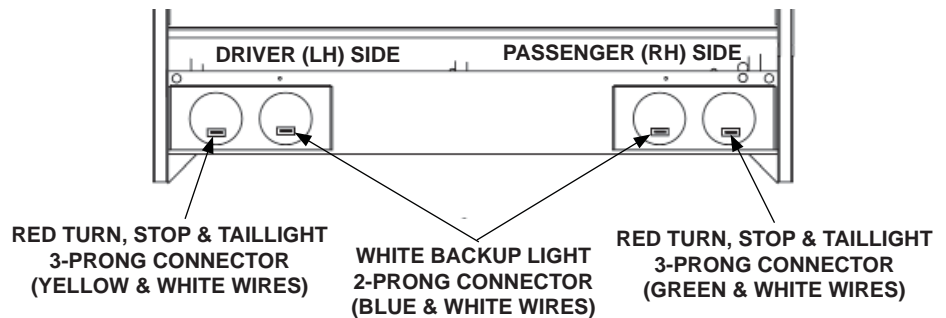
NOTE: Refer to sheets 12, 13 and 14 for correct electrical diagram.

17. Pull each harness connector through grommet and connect to each light (FIGS. 10-1, 10-2 or 10-3).

INSERTING GROMMETS & CONNECTING LIGHTS (3-LIGHT HOUSING SHOWN)
FIG. 10-1



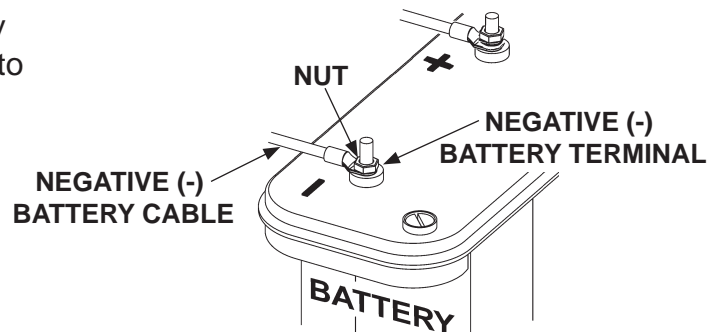
LIGHT KIT CONNECTIONS FOR 6-LIGHT KIT
FIG. 10-2



LIGHT KIT CONNECTIONS FOR 4-LIGHT KIT
FIG. 10-3

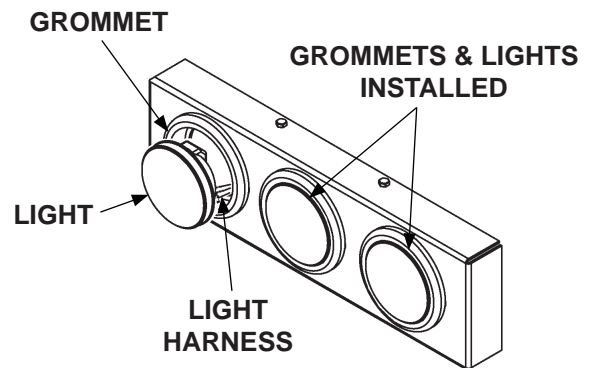
18. Connect light wiring harness to the vehicle's electrical wiring.

19. Reconnect power to liftgate battery by connecting negative (-) battery cable to battery (-) terminal (FIG. 11-1).



RECONNECTING POWER
FIG. 11-1

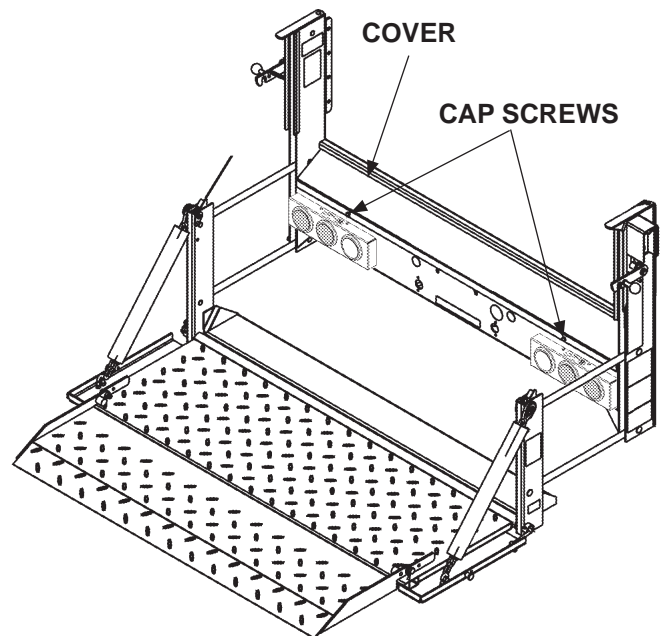
20. Verify the stop, turn, tail, backup, and license plate lights operate correctly.



INSERTING LIGHTS INTO GROMMETS
FIG. 11-2

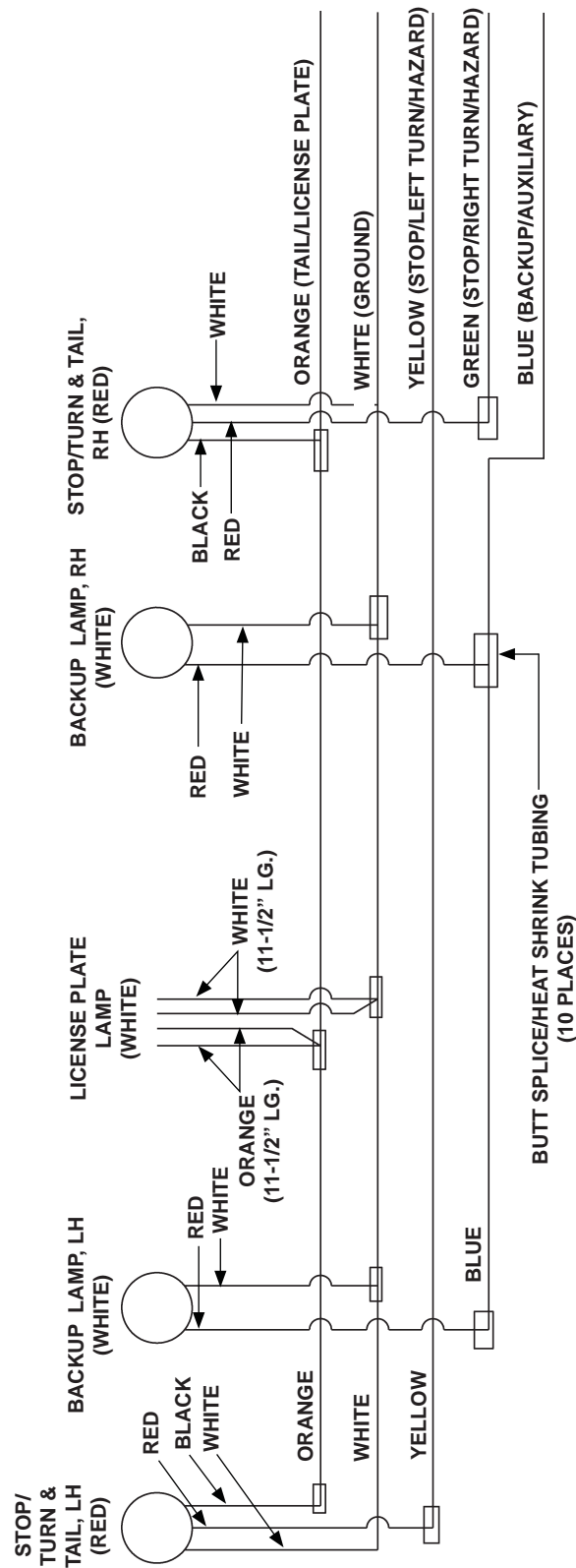
21. If the stop, turn, tail, and backup lights operate correctly, push lights into place in the rubber grommets (FIG. 11-2).

22. Use plastic ties to secure harness away from moving parts.

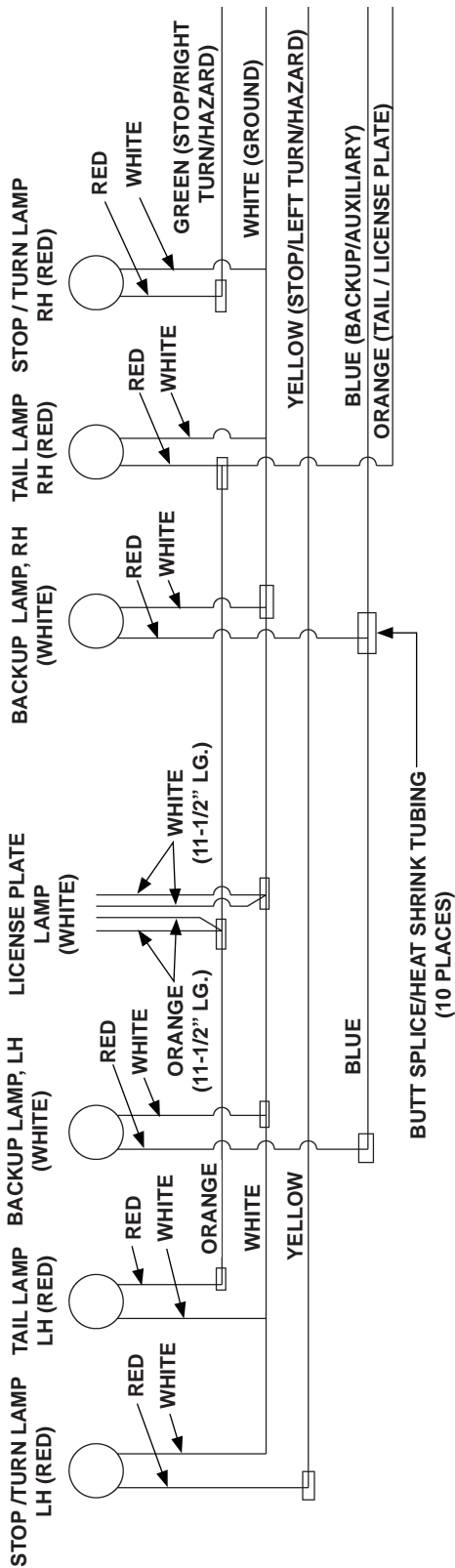


BOLTING ON MAIN FRAME COVER
FIG. 11-3

23. Bolt main frame cover to Liftgate (FIG. 11-3).

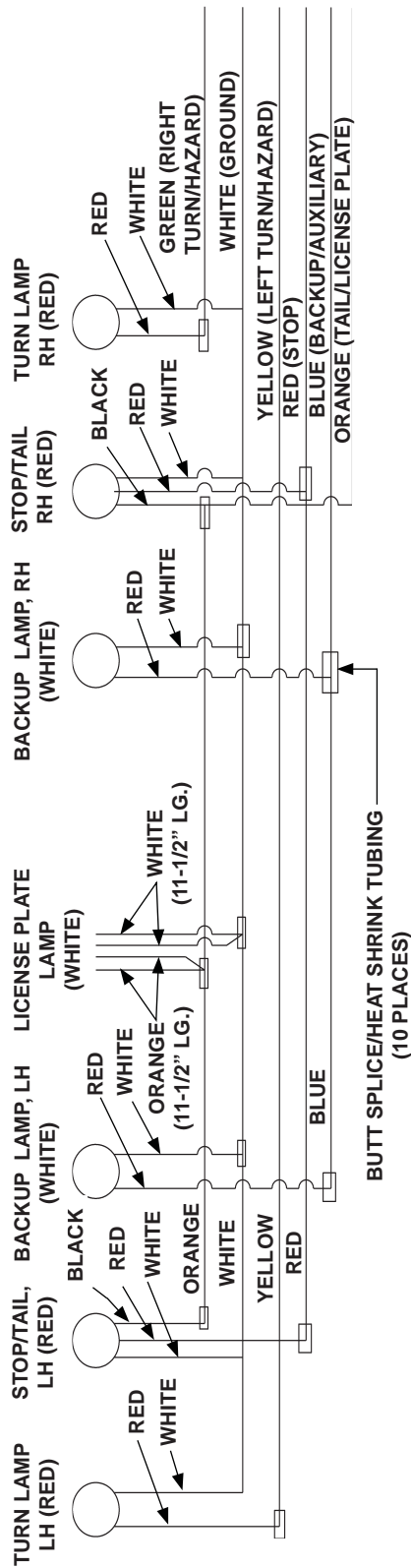


**ELECTRICAL DIAGRAM - 4 LIGHT COMBINED STOP/TURN
(P/N 295558-01)
FIG. 12-1**



**ELECTRICAL DIAGRAM - 6 LIGHT COMBINED STOP/TURN
 (P/N 295558-02)**

FIG. 13-1



**ELECTRICAL DIAGRAM - 6 LIGHT SEPARATED STOP/TURN
(P/N 295558-04)
FIG. 14-1**