

Backup Light and Alarm Kit Assembly Instructions



For NT & ST Series Trekers with S/N 418339 and up.

Manual No. 701-128M



Before You Start



When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

IMPORTANT: Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Your Land Pride Backup Light and Alarm is exclusively designed for your Land Pride Treker models 4200NT, 4400NT, 4200ST, 4400ST, 4210ST and 4410ST beginning with serial number 418339 and up.

Please read these installation instructions and the vehicle Operator's Manual thoroughly before beginning. Especially read information relating to safety concerns. Also included in the Operator's Manual is important information on operation, adjustment, troubleshooting, and maintenance for this attachment (some manual sections do not apply to all accessories).

A separate Parts Manual for replacement parts can be purchased from your dealer or available free of charge at

www.landpride.com. Have model and serial numbers handy when placing an order.

Manual Part Numbers:

- Operator's Manual (All Series) 700-108M
- Parts Manual (4200 & 4400 Series) 700-108P
- Parts Manual (4210 & 4410 Series) 700-109P

General Information

These assembly instructions apply to the following Backup light & Alarm Kit listed below:

- 701-129A BACKUP LIGHT KIT**
- 701-127A BACKUP ALARM KIT**

Tools required:

- Safety Glasses
- Work Gloves
- Side Diagonal Cutters
- Center Punch
- Hammer
- Electric Drill with 11/32" Drill Bit
- Extension Cord (if required)
- Two 1/2" box end or open end wrenches
- One 11/32" box end or open end wrench
- One 5/16" nut driver

Assembly Instructions

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A detailed listing of parts for each accessory kit is provided on page 6. Use the list that is for your kit as a checklist to inventory parts received. Please contact your local Land Pride dealer for any missing hardware.

Initial Preparations

Before servicing the vehicle the following procedure must be met to secure the vehicle:

1. Park vehicle on a level surface. **Don't work under or around a vehicle parked on an incline.**
2. Make the following gear and park brake selections:
 - a. **4200/4400 ST Trekers:**
 - Set shift selector in forward gear.
 - Set park brake.
 - b. **4210ST & 4410ST Trekers:**
 - Set shift selector in Park.
3. If the Treker is equipped with an electric lift, raise the Cargo Box up before turning the ignition switch off.
4. Turn ignition switch off and remove switch key.
5. Chock front and back of a wheel to prevent the vehicle from rolling.
6. If the Cargo Box is not equipped with an electric lift, manually raise it up until the lock-up arm catches.

CAUTION!

Do not begin installation of Backup Light and/or Alarm until after the muffler has completely cooled.

CAUTION!

Securely support Cargo Box in the up position to prevent injury while installing the Backup Light and/or Alarm.

Positioning the Cargo Box

IMPORTANT: It is not necessary to disconnect the Cargo Box support arm to install the Backup Light and Alarm. However, drilling holes in the frame for the Alarm will be easier. Make certain a sheet of cardboard or other protective material is placed on the floor to protect the finish on the tail gate.

CAUTION!

Care should be taken when removing the Cargo Box support to prevent injury. Avoid pinch points and make certain the Cargo Box does not fall while disconnecting the support arm or electric lift.

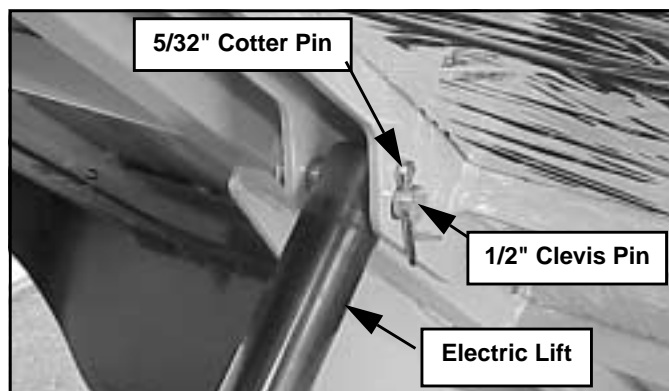
Your Treker will be equipped with one of the following Cargo Box supports:

- Electric Lift
- Telescoping support arm
- Sliding support arm

Electric Lift Removal (if equipped)

Refer to Figure 1:

1. Support the Cargo Box in the up position to relieve tension on the clevis pin connecting the electric lift to the Cargo Box.
2. Remove 5/32" cotter pin and 1/2" clevis pin. Keep for reassembly.
3. Lower electric lift onto the Treker frame. Making sure the Cargo Box does not flip over while lowering the electric lift.
4. Carefully pivot the Cargo Box and tailgate onto a sheet of cardboard or other protective material placed on the floor to protect the tailgate surface from scratches.

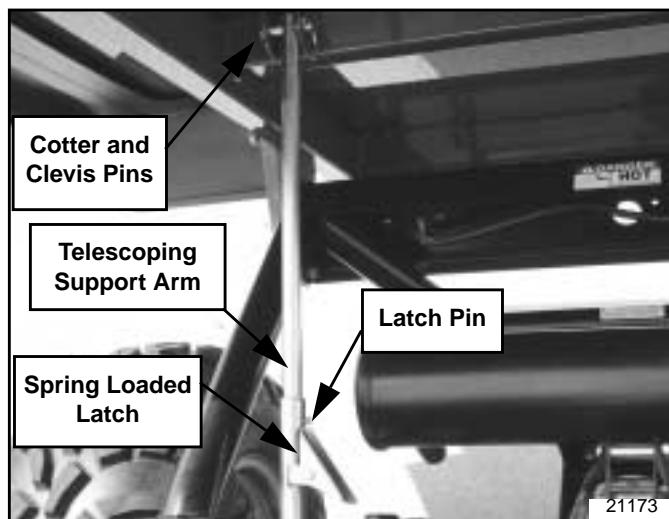


Electric Lift Removal
Figure 1

Telescoping Arm Removal (if equipped)

Refer to Figure 2:

1. Make certain the Cargo Box is fully up and the latch pin caught on the spring loaded latch.



Telescoping Support Arm Removal
Figure 2

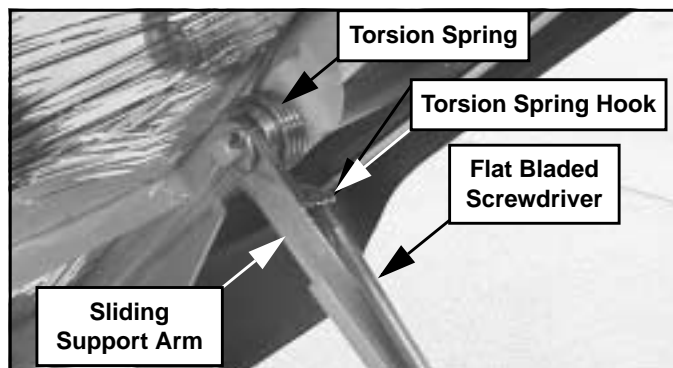
Assembly Instructions

- Support the Cargo Box in the up position with a 2nd device to relieve tension on the clevis pin.
- Remove the 5/32" cotter pin and 1/2" clevis pin. Keep for reassembly
- Carefully pivot the Cargo Box and tailgate onto a sheet of cardboard or other protective material placed on the floor to protect the tailgate surface from scratches.

Sliding Support Arm Removal (if equipped)

Refer to Figure 3:

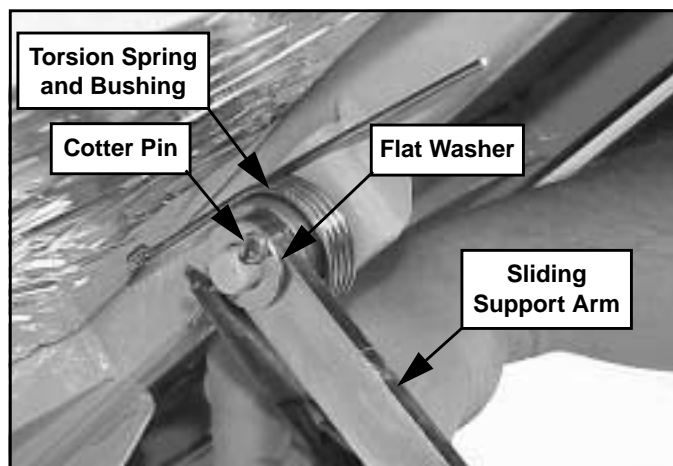
- Make certain the Cargo Box is fully up and caught in the Treker frame so that it cannot fall.
- Support the Cargo Box in the up position with a 2nd device to relieve tension on the support arm.
- With a standard screwdriver, pry the torsion spring hook off the support arm.



Un-hooking Torsion Spring
Figure 3

Refer to Figure 4:

- Straighten the cotter pin with a pair of pliers and remove. Remove flat washer, Support arm, torsion spring and bushing. Keep for reassembly.



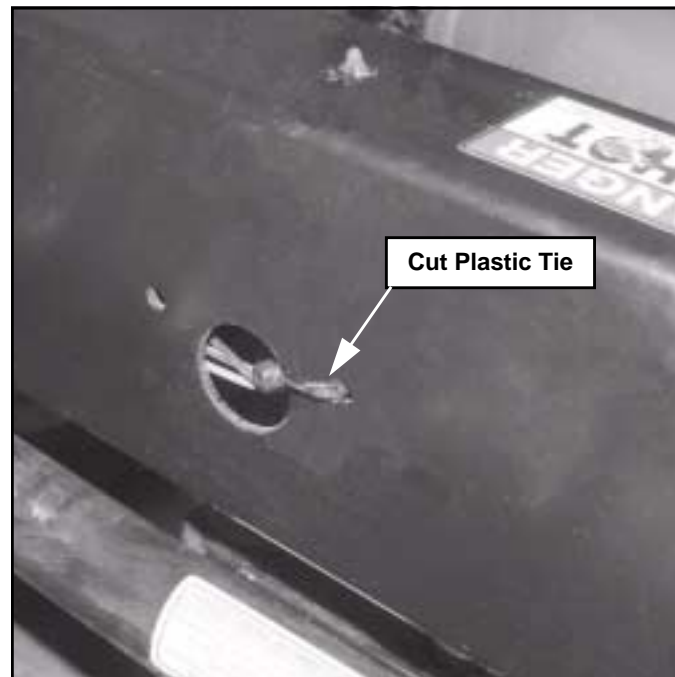
Sliding Support Arm Removal
Figure 4

- Carefully pivot the Cargo Box and tailgate onto a sheet of cardboard or other protective material placed on the floor to protect the tailgate surface from scratches.

Installation of Backup Light without the Alarm

Refer to Figure 5:

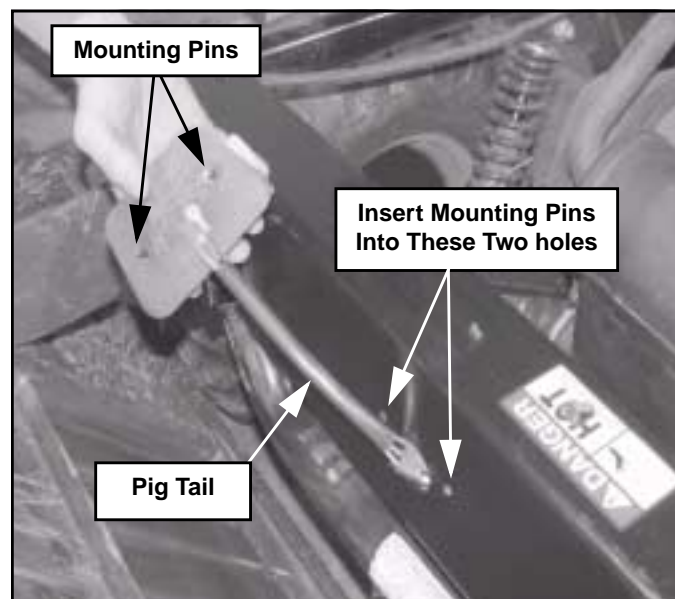
- Between the two tail lights is a hole in the Treker's cross channel for mounting the Backup Light. Cut and discard the plastic tie at this mounting hole.



Cut Plastic Tie Supporting Treker Wiring Harness
Figure 5

Refer to Figure 6:

- Insert pig tail on the Backup Light through the large mounting hole and the two mounting pins on the Backup Light into the two smaller holes.

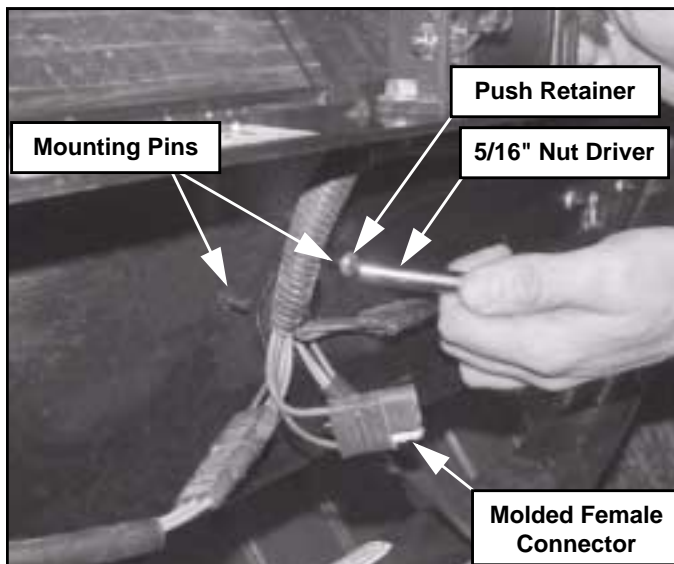


Installing the Backup Light
Figure 6

Assembly Instructions

Refer to Figure 7

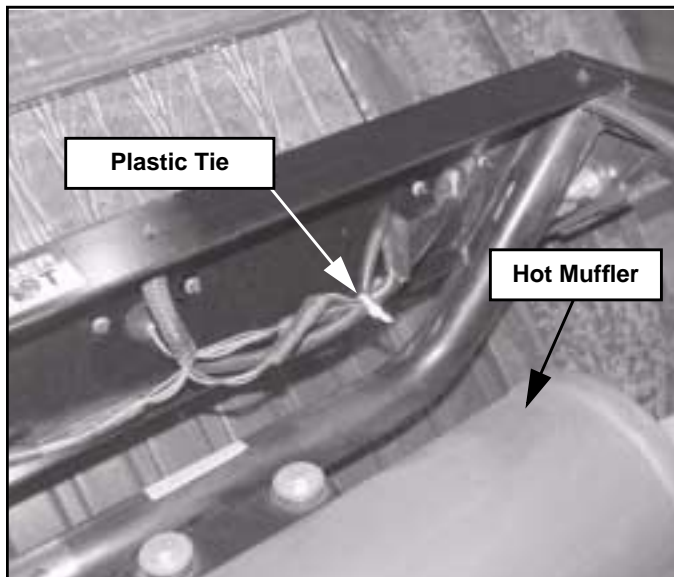
3. Press the push retainers onto the mounting pins with a 5/16" nut driver to secure the light.
4. Attached to the Treker's main wiring harness near the Backup Light mounting hole is a molded female connector. Plug the pig tail on the Backup Light into the molded female connector.



Securing Backup Light And
Attaching to Main Wiring Harness
Figure 7

Refer to Figure 8

5. Wrap as many plastic ties as needed around the wiring to prevent the wiring from touching the hot muffler and from hanging down to catch on under brush.



Protecting The Wiring
Figure 8

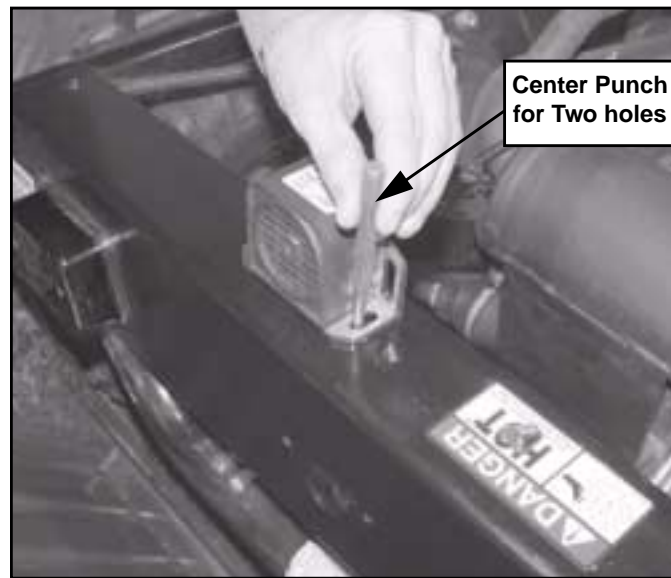
6. Reattach the electric lift or support arm if disassembled.

Installation of Alarm with or without a Backup Light

1. If a Backup Light is being installed with the horn, complete instructional steps 1, 2 & 3 on pages 3 & 4.

Refer to Figure 9:

2. Locate the Alarm on top of the channel frame just left of center as shown and make two center punch marks in the frame for drilling.



Locating the Alarm
Figure 9

Refer to Figure 10:

3. Being careful not to drill into the main wiring harness located under the flange, move the horn out of the way and drill two 11/32" diameter holes.

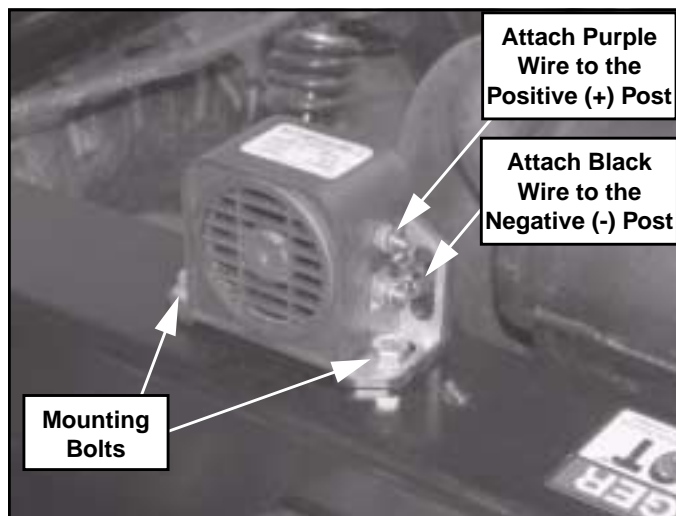


Drilling Mounting Holes
Figure 10

Assembly Instructions

Refer to Figure 11:

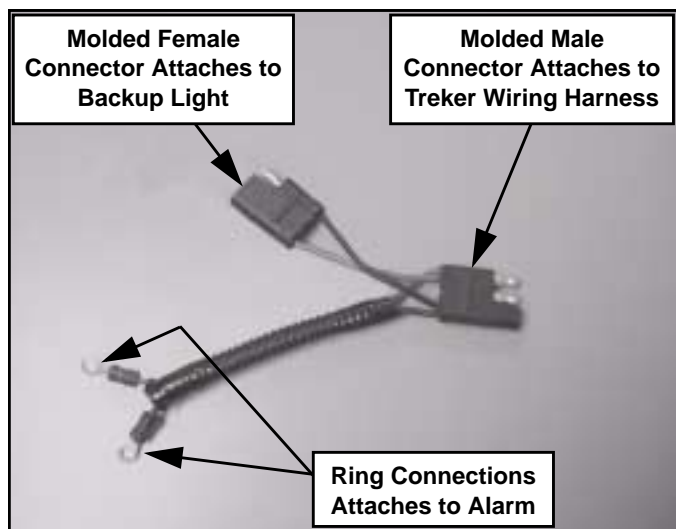
4. Mount Alarm with two 5/16"-18 x 3/4" GR5 hex head flange screws and secure with 5/16" flanged locknuts. Torque nuts to 17 ft. lbs.



Mounting the Alarm
Figure 11

Refer to Figure 12:

5. Locate the wiring harness included with the Alarm. The two ring ends attach to the Alarm. The molded female connector attaches to the Backup Light when installed and the molded male connector attaches to the Treker's wiring harness.



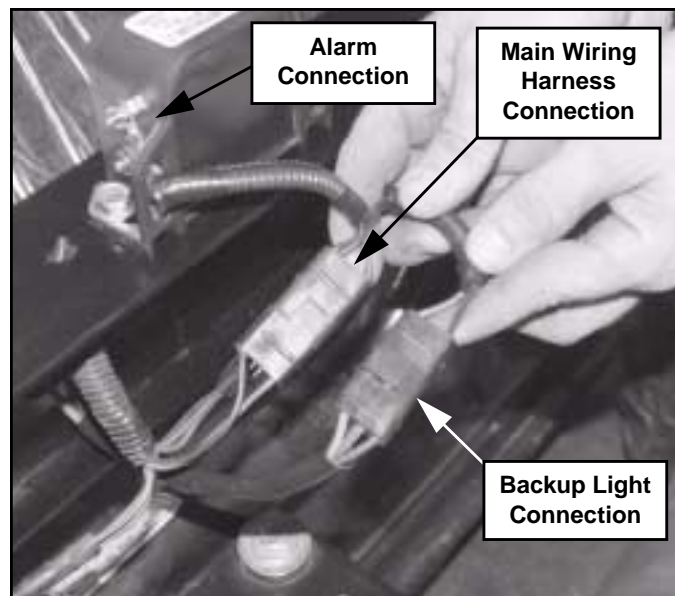
Alarm Wiring Harness
Figure 12

Refer to Figure 11 & Figure 12:

6. Attach the purple wire to the positive post on the Alarm and the black wire to the negative post.

Refer to Figure 12 & Figure 13:

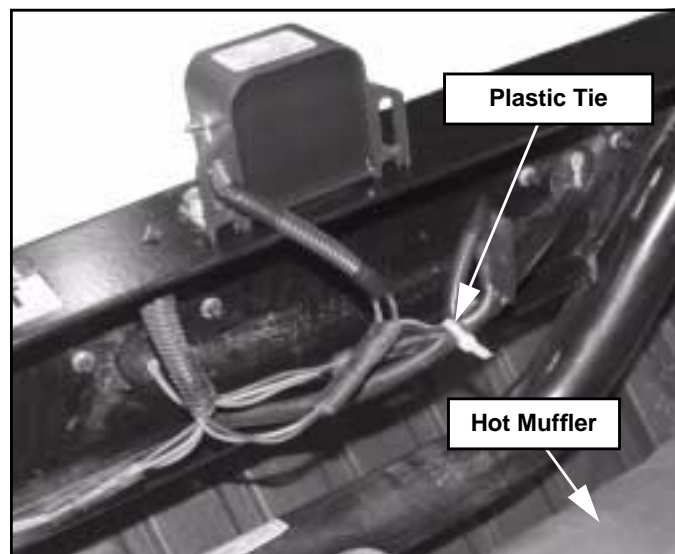
7. If Backup Light is installed, plug the molded female connector on the horn wiring harness into the Backup Light connector.
8. Plug the molded male connector on the horn wiring harness into the molded female connector located on the Treker's main wiring harness near the Backup Light mounting hole.



Plugging the Molded Connectors
Figure 13

Refer to Figure 14:

9. Wrap as many plastic ties as needed around the wiring to prevent it from touching the hot muffler and from hanging down to catch on under brush.



Protecting The Wiring
Figure 14

10. Reattach the Cargo Box electric lift or support arm if disassembled.

Listing of Parts**Kit No. 701-129A****BACKUP LIGHT KIT**

Qty.	Part No.	Part Description
1	701-128M	MANUAL, BACKUP LIGHT/ALARM
2	800-303C	CABLE TIE 2 DIA MIN - BLK
1	833-262C	BACKUP LIGHT W/STANDARD LEAD
2	840-105C	PUSH RETAINERS 4 NON-THRD SHFT

Kit No. 701-127A**BACKUP ALARM KIT**

Qty.	Part No.	Part Description
1	701-128M	MANUAL, BACKUP LIGHT/ALARM
2	800-303C	CABLE TIE 2 DIA MIN - BLK
2	802-387C	HFS 5/16-18X3/4 GR5
2	803-177C	NUT HEX FLG TOP LK 5/16-18 YLW
1	833-394C	ALARM, BACKUP
1	833-395C	HARNESS, BACKUP ALARM



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