

Installation and Operator's Manual

8895560

Drill-free 3rd Brake Light Light Bar Mount

Works on Ford Ranger SuperCrew ('19+), F-150 (15+), F-250-550 ('17+) with all types of 3rd Brake Lights

Safety Precautions

Do not install and/or operate this Light Bar Mount unless you have read and understand the information contained in this Installation and Operator's Manual.

WARNING

Improper installation and operation could cause personal injury, and/or property damage. Observe the following safety Precautions before, during and after operating this Light bar Mount. By following this precautions and common sense, possible injury to persons and potential damage to this Light Mount may be avoided.



This symbol points out important safety instructions which, if not followed, could endanger the personal safety and /or property of yourself and others. Read and follow all instructions in this manual before attempting to install or operate the vehicle with Light Bar. Failure to comply with these instructions may result in personal injury. When you see this symbol. HEED ITS WARNING!

WARNING

Cancer and Reproductive Harm

For more information go to www.P65Warnings.ca.gov



WARNING

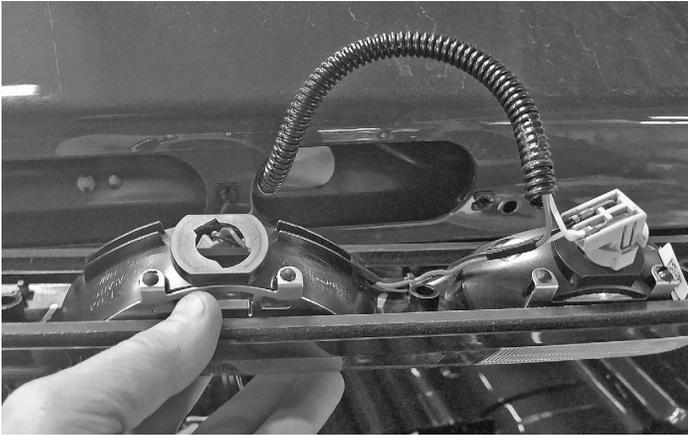
1. Proper installation combined with vehicle operator training in the use, care, and maintenance of the Light Bar Mount are essential to ensure the safety of you and others.
2. Use caution when working with live electrical connections.
3. Proper placement and installation are both critical to the performance of this Light Bar Mount. Install this product so that output performance of the mount and lighting system is maximized, and the lighting controls are placed within convenient reach of the operator so that one can operate the lighting system without losing eye contact with the roadway.
4. It is the responsibility of the vehicle operator to ensure during use that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the mounted warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles, or other obstructions.
5. The use of this or any other warning device does not ensure all drivers can or will observe or react to a warning signal. Never take the right-of-way for granted. It is the vehicle operator's responsibility to be sure one can proceed safely before entering an intersection, driving against traffic, responding at a high rate of speed, driving on or around traffic lanes.
6. This Light Bar Mount is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding warning signal devices. The vehicle operator shall check all applicable city, state, and federal laws and regulations. The Light Bar Mount manufacturer assumes no liability for any loss resulting from the use of this Light Bar Mount system.
7. The maximum recommended vehicle speed for safe operation using the Light Bar Mount is 80 mph (129 km/h) or POSTED SPEED LIMIT. Higher speeds could cause the mount to fail, which could cause damage to the mount vehicle or other vehicles, and injury or death to the driver, passengers, and/or bystanders.
8. The Light Bar Mount is not designed to be weather-proof in the event of pressure washing, high pressure mechanical car washing, or other forces beyond normal highway operation.
9. It is the responsibility of the vehicle owner and operator to inspect the Light Bar Mount monthly to be certain the clamping system remains secure and the weather resistant gasketing is secure and functioning. Replace any worn or damaged parts.
10. The Light Bar Mount is designed to provide a mounting platform for lighting, antennas, and GPS devices. In no way is this Light Bar Mount to be used as a load bearing rack for ladders, supplies or other equipment. The weight restriction of the Light Bar Mount is 30 lbs maximum.

Install Instructions

NOTICE: This part is aluminum and will not work with magnetically mounted accessories.

1. Remove the 3rd Brake Light Assembly from the truck by carefully taking out the 4 mounting screws and removing the light bulbs and wire harness. See Figure 1. **NOTICE: These screws will be reused to mount the light onto the Light Bar Mount.**

Fig. 1



2. Unplug the wire harness connector(s) and set Light assembly aside.
3. With the 3rd Brake Light Assembly set aside, remove the factory plastic screw anchors (Fig. 2) and secure the supplied two Retainer Plates into the opening using provided hardware as shown on Fig. 3, 4. Tighten #10-32 nuts (4 pcs.) firmly against the truck's frame.

Fig. 2

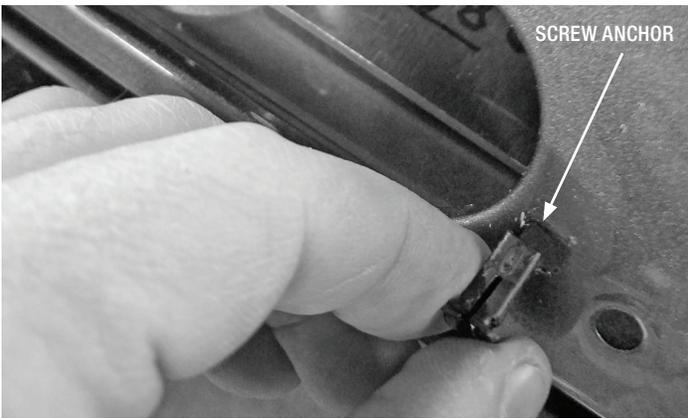


Fig. 3

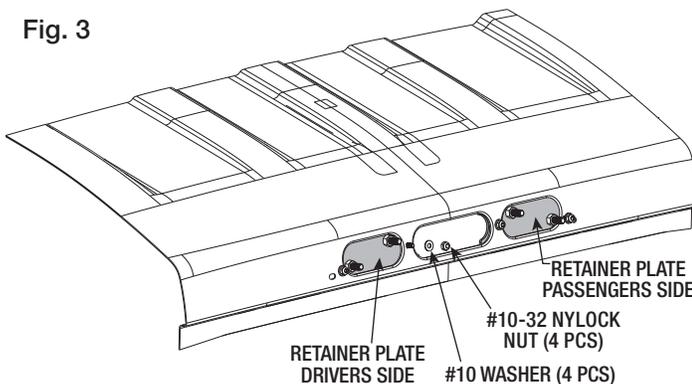
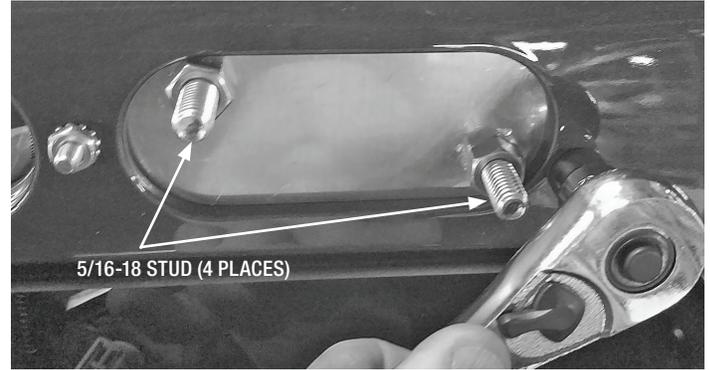
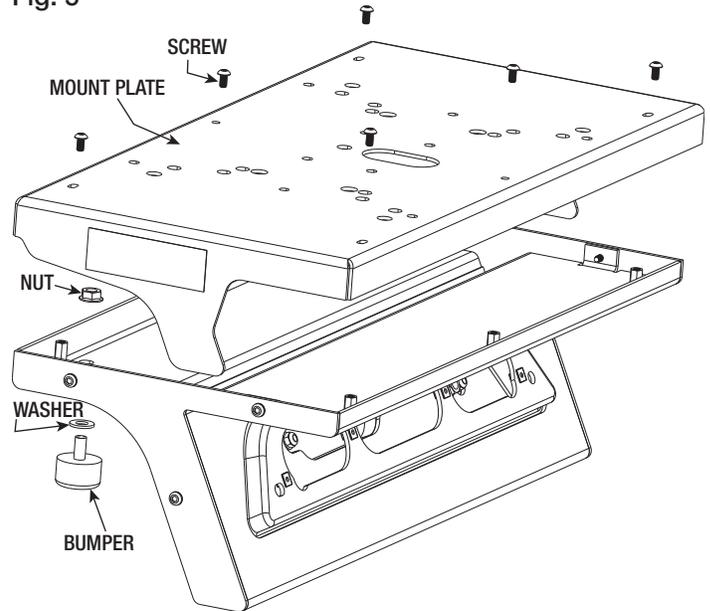


Fig. 4



4. Inspect the gasket of the Mount and mating surface of the truck to ensure that surface is free of any defects or foreign materials.
5. Set the light bar mount onto the truck and check all hardware clearances. Adjust if necessary. Align with four 5/16-18 threaded studs see Fig. 4. This Light Mount comes with Rubber Bumpers attached. The rubber bumpers should rest on top of the truck's roof surface. Due to variance in roof curvature for the different models, the gap between the roof and Bumper may vary. **NOTICE: Use washers on as needed basis to fill the gap between Bumper and roof. See Figure 5. Light Mount Top Plate (shipped mounted) needs to be removed to access the Bumper's nuts. Top Plate is secured by means of 6 screws that are easily accessible from the top.**

Fig. 5



6. Secure Light Bar Mount to truck frame using four 5/16-18 flange nuts. **IMPORTANT: Make sure hardware is tightened firmly against the truck's frame and gasket is compressed evenly across the perimeter and Light Bar Mount sits leveled.** Adjust as necessary for optimal fit. **DO NOT OVERTIGHTEN** See Figure 6, 7.

Fig. 6

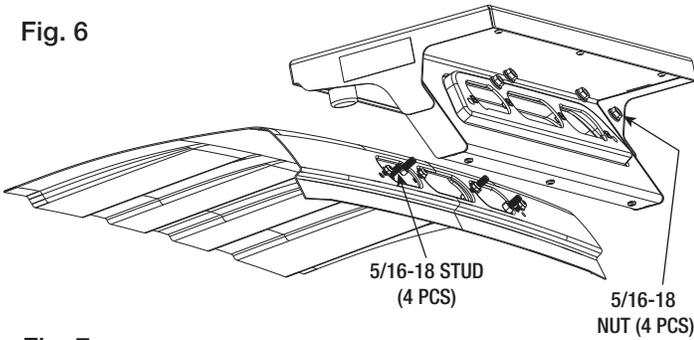
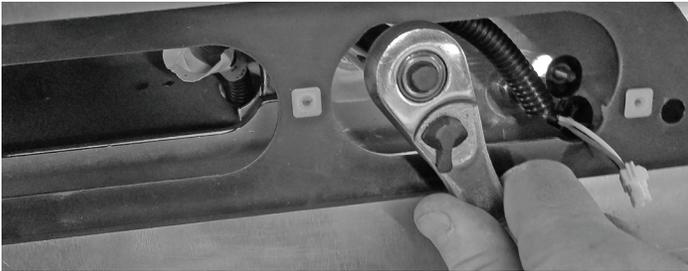


Fig. 7



7. INSTALLING ACCESSORIES TO THE LIGHT BAR MOUNT
Remove the Light Mount Top Plate (see Fig. 5) and install the Light Bar (or other permanently mounted accessory) to the Mount Plate of Light Bar Mount. **NOTICE: Ensure that no hardware protrudes more than 3/8" beyond the bottom of the Mount Plate. The Light Bar Mount Plate comes with an array of existing holes.** You may need to modify these or drill new holes to attach your accessory.

- a. Direct wiring the Light Bar or other accessory
 - i. Drill the hole for wire/cable access from the top centered in the middle of plastic surface of the Light housing to accommodate the cable. See Fig. 8. Make sure the chosen hole location for cable entry will not interfere with 3rd Brake Light attached. **NOTE: Determine hole size and the best location. For the best results, use a RTV sealant (not provided) to prevent water intrusion around the drilled hole and cable.**
 - ii. Feed the wire from the Light Bar or accessory through the Light Bar Mount Plate, through the hole drilled into the plastic Light Housing, and into the truck from the top. Feed cable inside the truck frame opening and extend it to light controls.
 - iii. Once everything is aligned and the wire is positioned as desired and the Light or accessory is functioning properly, secure Light Bar Mount Plate using six #10-32 x3/8 screws (Fig. 8).
- b. Using prewired auxiliary plug
 - i. Feed the wire with plug from the Light bar or accessory through the Light Bar Mount Plate oval hole and into the provided notch (Fig. 9). Side Plate has to be removed temporarily to allow wire with plug routing. Re-install plate when finished.
 - ii. Once everything is aligned and the wire is positioned as desired and the harness is routed into the truck thru door or window, the Light or accessory is functioning properly, secure Light Bar Mount Plate using six #10-32 x3/8 screws (Fig.8). Be sure to tighten all hardware firmly.

Fig. 8

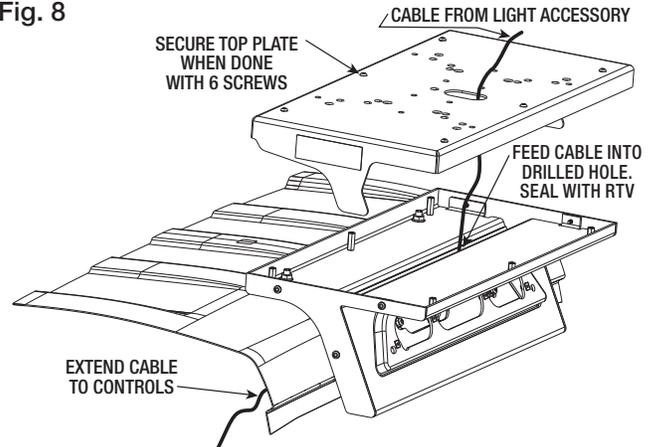
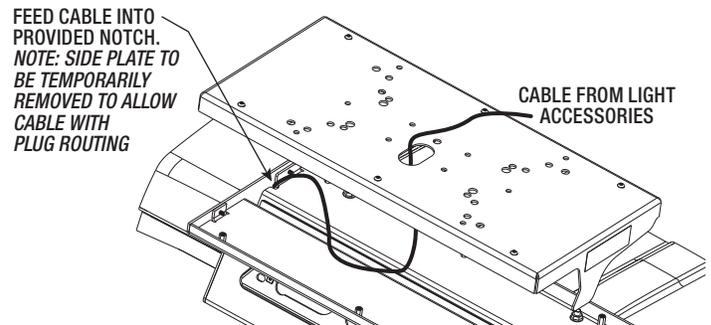


Fig. 9



8. With the Light Bar Mount is in position, reinstall the 3rd Brake Light by first reconnecting the harness and then reinserting the 4 original mounting screws. See Figure 10, 11.

Fig. 10

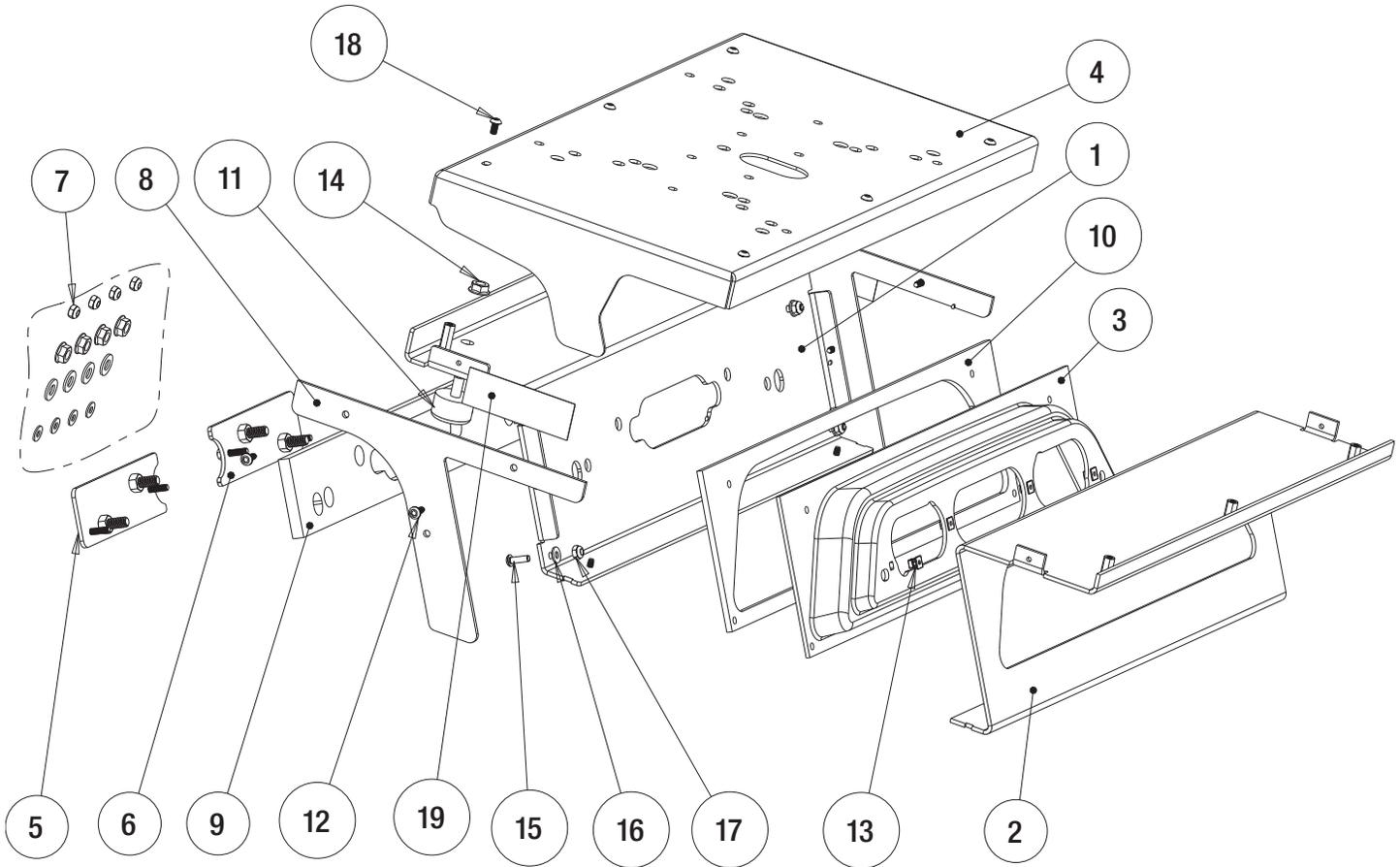


Fig. 11



9. Verify the function of the 3rd Brake Light.

Bill of Material



ITEM	PART NO.	QTY.	DESCRIPTION
1	3049376	1	PLATE, MAIN, SUB-ASSY
2	3048937	1	PLATE, FRONT, SUB-ASSY
3	3049368	1	HOUSING, LIGHT BAR PLATE, FORD
4	3049351	1	PLATE, LIGHT MOUNT, PRO-SERIES, FORD
5	3049373	1	PLATE,RETAINER, ASSY, DR. SIDE
6	3048939	1	PLATE,RETAINER, ASSY, PASS. SIDE
7	3048932	1	HARDWARE BAG, LIGHT MOUNT, FORD
8	3049371	2	PLATE, SIDE, LIGHT MOUNT, FORD
9	3049374	1	GASKET, MOUNT PLATE
10	3049375	1	GASKET, LIGHT HOUSING
11	3003286	2	BUMPER, RUBBER W/ 5/16-18 STUD
12	3049379	9	SCREW, PH, #10-24X0.5, TORX-6LOBE, THRD-FRM, SST
13	3048933	4	NUT, PLASTIC, #6-8, SNAP-IN
14	3003777	2	NUT, SERRATED FLANGE 5/16-18 ZINC
15	3048931	4	SCREW, BUTHD, #10-32 X 5/8, NYL. PATCH, SST
16	0081600	4	WASHER, FLAT #10 SAE ZINC
17	3033549	4	NUT, NYLOCK 10-32 ZINC
18	3048944	6	SCREW, BUTHD,10-32X3/8, NYL. PATCH, SST
19	3000734	2	DECAL, BPC LOGO, 1.2"X3.675" WHITE ON BLACK

Warranty

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.