

## Introduction

This document provides instructions for installing an accessory on a Cat® Utility Vehicle (CUV). Do not perform any procedure in this document until you have read and understood the information contained in this document and the Operation and Maintenance Manual.

## Safety Section

<p><b>⚠ WARNING</b></p> <p>Do not operate or work on this product unless you have read and understood the instruction and warnings in the relevant Operation and Maintenance Manuals and relevant service literature. Failure to follow the instructions or heed the warnings could result in injury or death. Proper care is your responsibility.</p>	<p><b>⚠ WARNING</b></p> <p>Personal injury can result from improper handling of chemicals. Make sure you use all the necessary protective equipment required to do the job. Make sure that you read and understand all directions and hazards described on the labels and material safety data sheet of any chemical that is used. Observe all safety precautions recommended by the chemical manufacturer for handling, storage, and disposal of chemicals.</p>
<p><b>⚠ WARNING</b></p> <p>Failure to follow all safety guidelines prescribed in this document and by governing authorities and regulatory agencies may result in severe injury or death of personnel or machine damage.</p>	<p><b>⚠ WARNING</b></p> <p>Before servicing/performing maintenance on the machine, electrical power must be physically disconnected; battery cables must be disconnected from the battery. All applicable lock out and tag out procedures must be followed.</p>
<p><b>⚠ WARNING</b></p> <p>When removing a major component or attachment, ensure that it is properly blocked or secured before removing mounting hardware. An assembly that is disconnected without proper blocking may shift or fall, resulting in serious injury or death of personnel or machine damage.</p>	<p><b>⚠ WARNING</b></p> <p>Observe the safe working load limits of all lifting and blocking devices and keep a safe distance from suspended/blocked loads. Personnel may be seriously injured or killed by falling loads.</p>
<p><b>⚠ WARNING</b></p> <p>Personal injury or death can result from improper maintenance procedures. To avoid injury or death, follow the procedures exactly as stated below.</p>	<p><b>⚠ WARNING</b></p> <p>Do not operate the machine if any guards or covers are missing or inadequately secured. Personnel could be seriously injured or machine damage may occur.</p>

# Caterpillar®

## Installation Instructions - Accessory Kit

### LED Light Bar Kit

(p/n 546-0922)



■ **NOTE:** Read these Installation Instructions thoroughly before beginning the installation process. Retain these Installation Instructions for future reference.

#### Kit includes:

QTY	DESCRIPTION
1	LED Light Bar
1	Grommet
4	Flat Washer
4	Button-Head Screws
2	Rubber Washer
2	Hex Nut
2	Bracket
1	Connector

#### Tools Required:

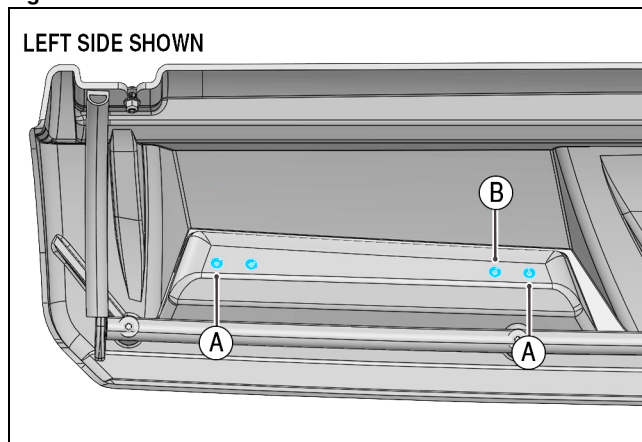
- T30 Torx
- 7/16-in. Wrench/Socket
- 4 mm Allen Wrench
- 1/4-in. Drill Bit w/Power Drill
- 7/16-in. Drill Bit w/Power Drill
- Side Cutter

■ **NOTE:** Overhead Console Harness Kit (p/n 546-0909) is required to install this kit.

■ **NOTE:** If installing on Two Piece Roof (p/n 545-8302), the roof should be removed before installing this kit.

1. If installing on Roof (p/n 545-8302), locate the dimples on the backside of the two recessed areas; then using a 1/4-in. drill bit, drill the two outer locations (A). Using a 7/16-in. drill bit, drill the inner location (B) for the wires to route through. See Fig. 1.

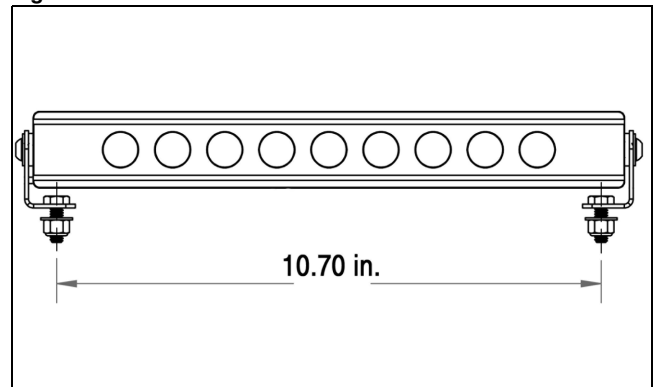
Fig. 1



VOR-522

2. If installing on a Hard Top Plastic Roof (p/n 568-0121) or any other type of surface, the center distance between the brackets are 10.70 in. See Fig. 2.

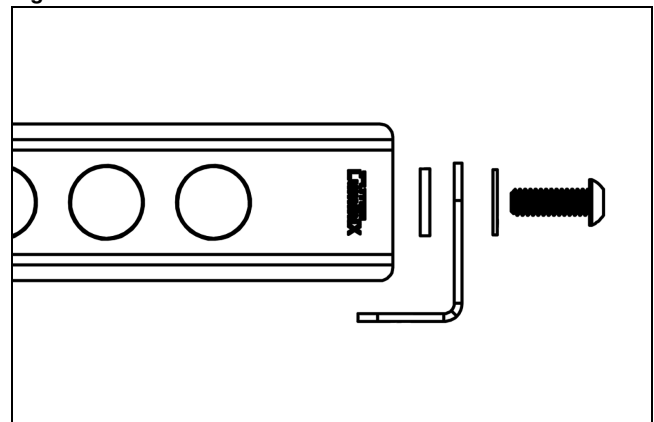
Fig. 2



VOR-540

3. Loosely secure Brackets to the sides of LED Light Bar using two Button-Head Screw, two Flat Washers, and two Rubber Washers (between the bracket and the light). Do not tighten at this time. See Fig. 3.

Fig. 3



VOR-525

- Secure the brackets to the roof using two Cap Screws and two Hex Nuts. Tighten securely. See Fig. 4.

**Fig. 4**



**ROV-898**

- Route the wires through the drilled hole and install Grommet. Repeat for opposite side.
- Install the two wires through the connector making sure the red wire will connect with the YEL/VLT wire and the black wire will connect with the BLK/RED wire. See Fig. 5.

**Fig. 5**



**ROV-891**

- Secure the wires in the connector using the wedge lock. See Fig. 6.

**Fig. 6**



**ROV-890**

- Repeat for opposite side (if applicable); then install the front roof clip.
- Connect the LED light connectors to the roof console harness. Cable tie as needed.