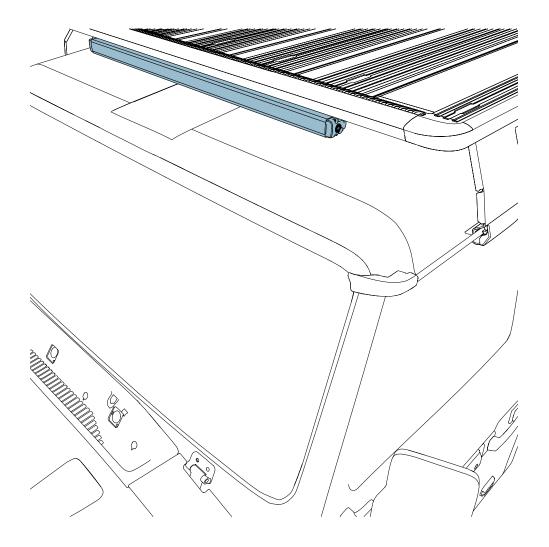
# **LED LIGHT BAR FRONT FOR ROOF RACK & BARS**

Part Number: GRA-0A71-001150 Revised Date: 26th September 2023





### INTRODUCTION

This introduction is written for Grenadier owners and enthusiasts. It is designed to provide sufficiently detailed instructions to support those who enjoy the challenge of installing accessories to their Grenadier.

### **PAGE LAYOUT**

Each instruction page is written in the same format:

- > The title of the fitting procedure.
- > The header table, which give technical information about the fitting procedure.
- > The parts table, which lists parts required for the task.
- > The supplies table, which lists supplies (such as oils, lubricants, adhesives) required for the task.
- > The procedure steps. Numbered and ordered, giving instructions and illustrations for each step.

#### WARNINGS, CAUTIONS AND NOTES

The following Warnings, Cautions and Notes are used within the repair steps:



Warning : A warning tells you that there is a risk of injury or death.



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Caution : A caution tells you that there is a risk of damage to objects.

Note : A note tells you additional information that relates to the main topic.

### **ABBREVIATIONS**

The following abbreviations are used within the Easy Repair Guide:

- > Special Service Tool (SST)
- > Manufacturer Specification Data Sheet (MSDS)

### **TECHNICAL QUALIFICATION**

INEOS recommends that only persons who are technically competent should work on the vehicle. Work carried out by unqualified persons or using unapproved tools may result in damage to the vehicle or personal injury.

### DISCLAIMER

This instruction was correct at the time of publishing. However, INEOS reserves the right to develop, improve and change any equipment, software, specifications, design, and/or information provided without notice or obligation. INEOS will not be held responsible for any inaccuracy or the consequences thereof.

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Parts		ŀ
Tools		,
Procedure		,

Part Number	GRA-0A71-001150
Operation	Install
Model Year	Common
Body	LWB / SW & UV
Repair Time	0.3 hour

### PARTS

Part Number	Description	Image	Qty
GRA-0A71-001150	40" Front LED Light Bar		1
Part of Kit	Rubber Mounting Foot		2

Part Number	Description	Image	Qty
Part of Kit	Mounting Bracket		2
Part of Kit	Rear Mounting Bracket		2
Part of Kit	Cable Gutter Clips		6

Part Number	Description	Image	Qty
Part of Kit	Channel Nuts		4
Part of Kit	Bolt		2
Part of Kit	Cable Support bolt		2

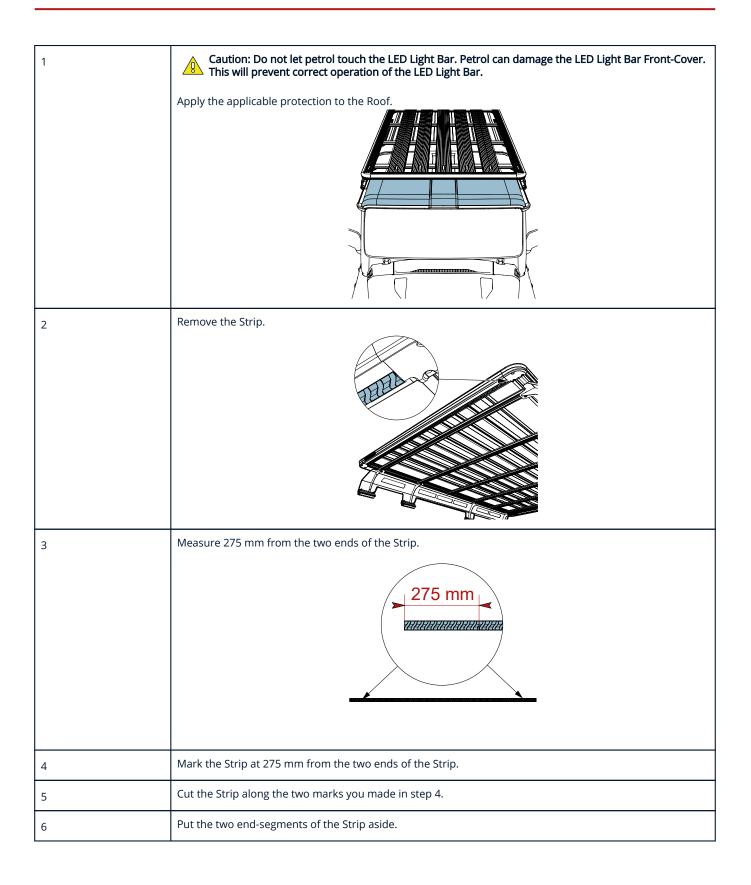
Part Number	Description	Image	Qty
Part of Kit	Dome Nut		2

### TOOLS

Part Number	Description	Image	Qty
Local Supply	3/8 Ratchet		1
Local Supply	3/8 Hex Key		1

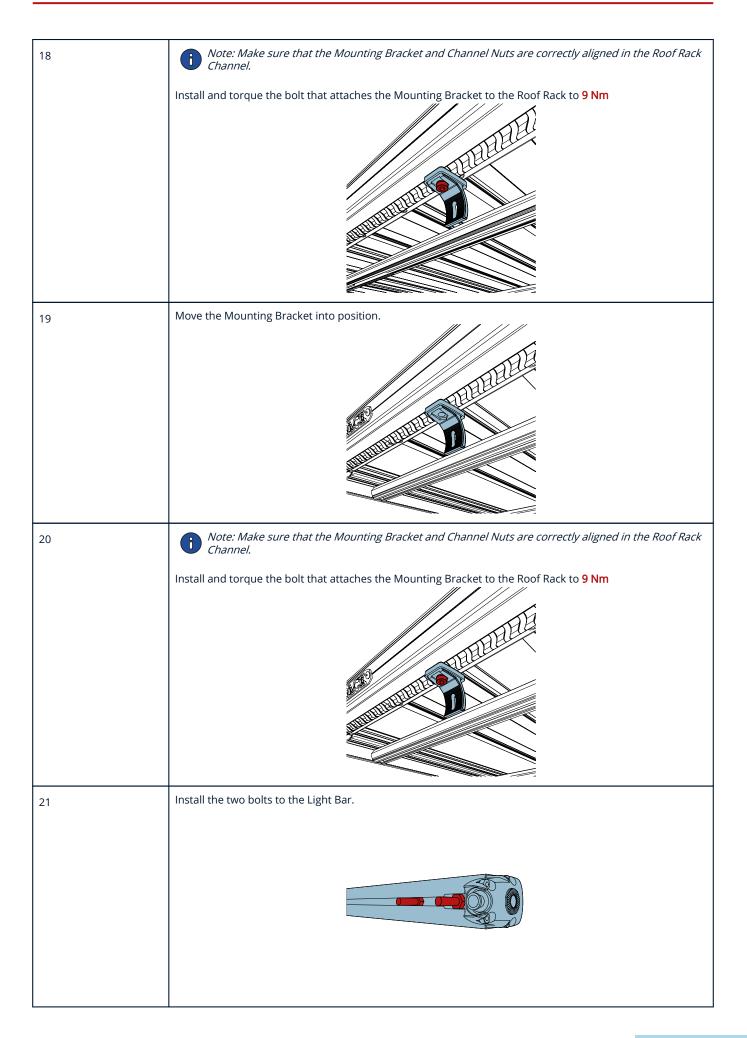
### PROCEDURE

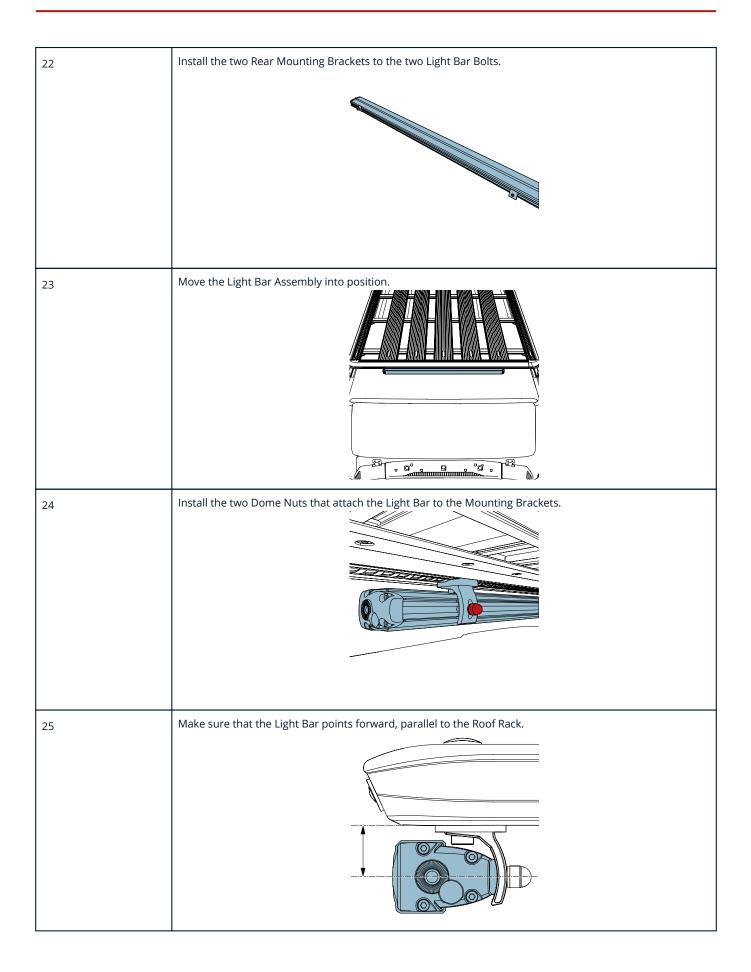
Install

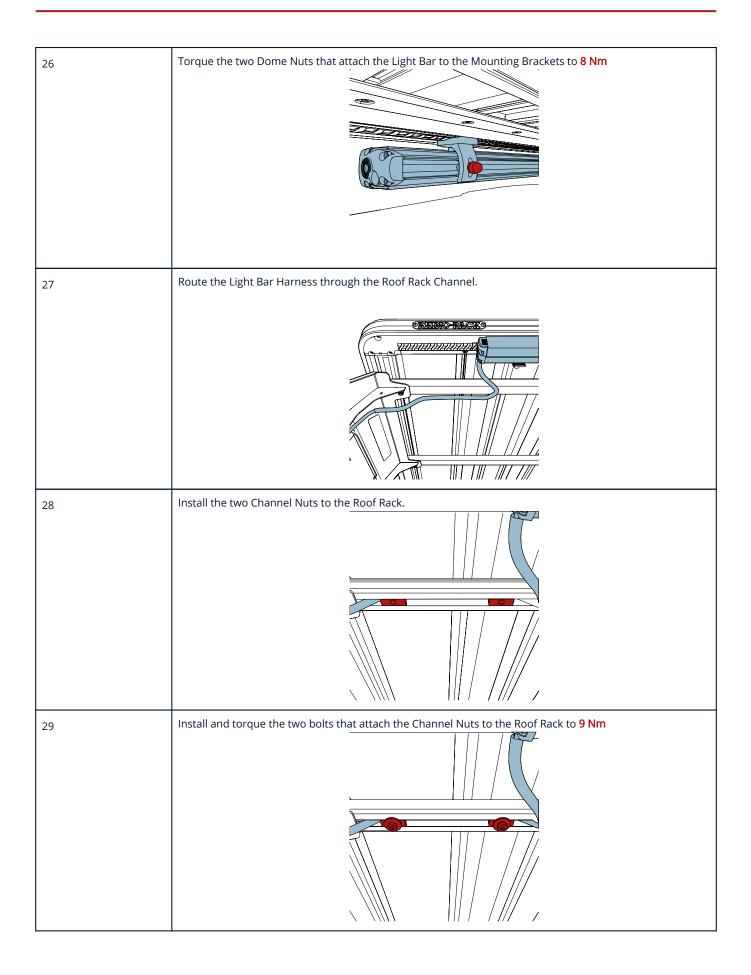


7	Measure 33 mm from the two ends of the Strip Centre-Segment.
8	Mark the Strip Centre-Segment at 33 mm from the two ends of the Strip Centre-Segment.
9	Cut the Strip Centre-Segment along the two marks you made in step 8.
10	Discard the two offcuts from the Strip Centre-Segment.
11	Put the Strip Centre-Segment aside.
12	Install the two Channel Nuts to the Roof Rack.
13	Install the right Strip Segment to the Roof Rack.

14	Install the centre Strip Segment to the Roof Rack.
15	Install the left Strip Segment to the Roof Rack.
16	Install the two Rubber Mounting Feet to the two Mounting Brackets.
17	Move the Mounting Bracket into position.







30	Loosely install the two Cable Tie Clips to the Light Bar Harness.
31	Install the two Cable Tie Clips to the Roof Rack.
32	Tighten the two Cable Tie Clips.
33	Cut the two Cable Tie Ends so that they are flush.

34	Clean the Drain Gutter.
35	Open the Light Bar Connector Cover.
36	Route the Light Bar Harness under the Roof Rack.
37	Connect the Electrical Connector to the Rooflight Adapter Harness.

