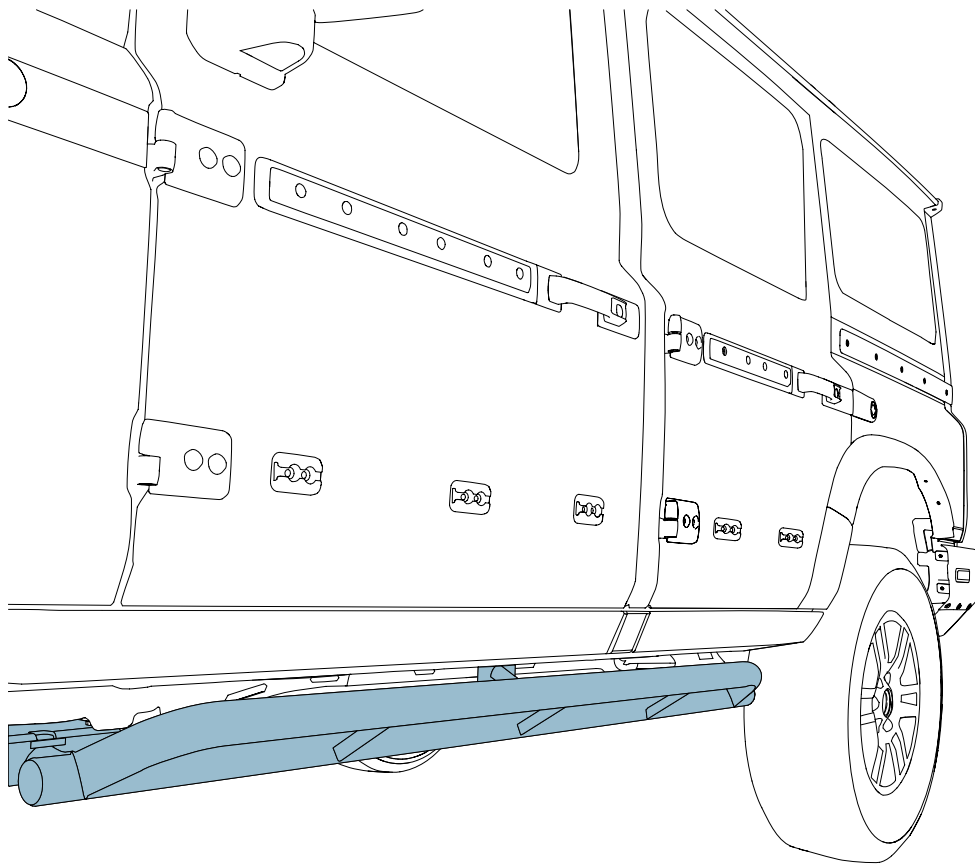


# ROCK SLIDERS (STATION WAGON AND UTILITY WAGON)

Part Number: GRA-0B06-01260

Revised Date: 24th April 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.



**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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# TABLE OF CONTENTS

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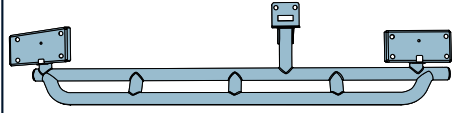
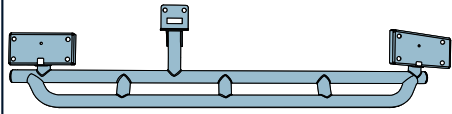
Rock Sliders (Station Wagon And Utility Wagon) (Accessory Install) .....	4
Parts .....	4
Tools .....	6
Procedure .....	7

## ROCK SLIDERS LWB (INSTALL)

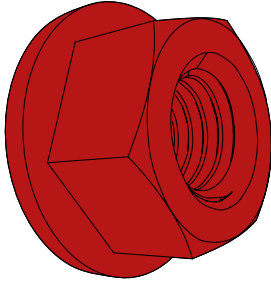
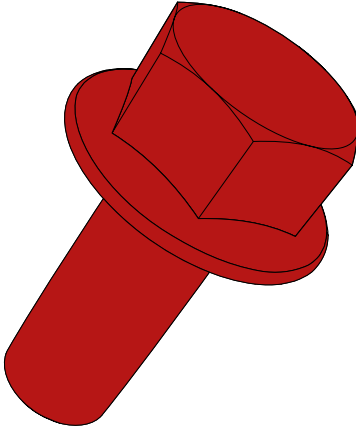
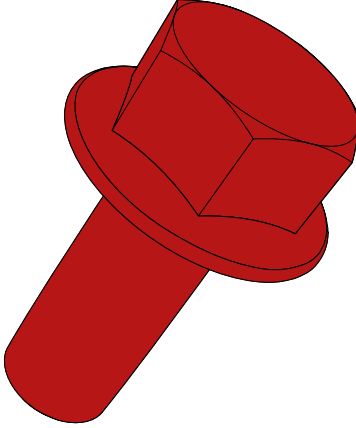
### ROCK SLIDERS (STATION WAGON AND UTILITY WAGON) (ACCESSORY INSTALL)

<b>Part Number</b>	GRA-0B06-01260
<b>Operation</b>	Install
<b>Model Year</b>	Common
<b>Body</b>	LWB / SW & UV
<b>Repair Time</b>	0.5 hour

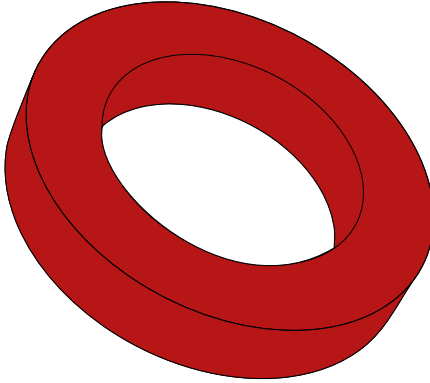
### PARTS

Part Number	Description	Image	Qty
GRA-0B06-001260	Rock Slider LWB LH	 A technical drawing of a rock slider for the left-hand side (LH) of a vehicle. It features a horizontal bar with a central mounting bracket and two side mounting brackets.	1
GRA-0B06-001272	Rock Slider LWB RH	 A technical drawing of a rock slider for the right-hand side (RH) of a vehicle. It features a horizontal bar with a central mounting bracket and two side mounting brackets, mirroring the LH version.	1

## ROCK SLIDERS LWB (INSTALL)

Part Number	Description	Image	Qty
Part of Kit	Nut Flanged 10x1.5		8
Part of Kit	Bolt M12x30x1.5 Flanged Hex Head		6
Part of Kit	Bolt M10x30x1.5 Flanged Hex head		6

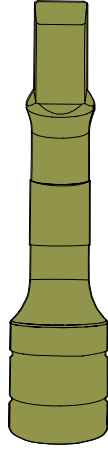
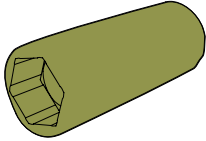
## ROCK SLIDERS LWB (INSTALL)

Part Number	Description	Image	Qty
Part of Kit	Washer		20

### TOOLS

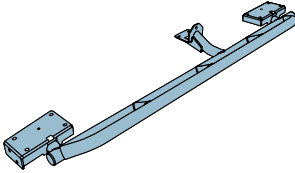
Part Number	Description	Image	Qty
Local Supply	Jack		
Local Supply	Torque Wrench		1
Local Supply	1/2" Ratchet		1

## ROCK SLIDERS LWB (INSTALL)

Part Number	Description	Image	Qty
Local Supply	1/2" Extension		1
Local Supply	1/2" 30 mm Socket		1

### PROCEDURE

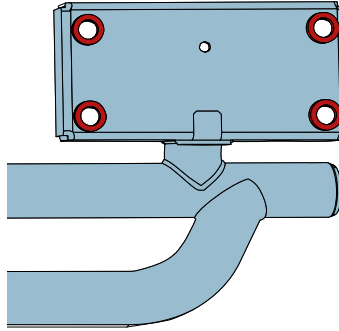
Install

1	<p>Put the Rock Slider onto an applicable Jack.</p> 
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## ROCK SLIDERS LWB (INSTALL)

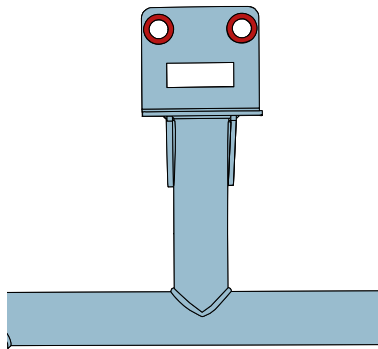
2

Put the four washers into position on the rear Rock Slider Bracket.



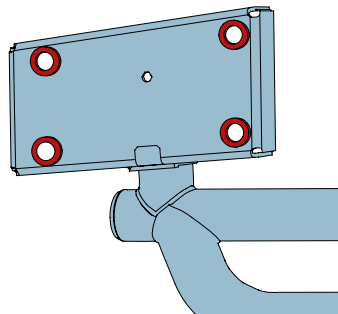
3

Put the two washers into position on the middle Rock Slider Bracket.



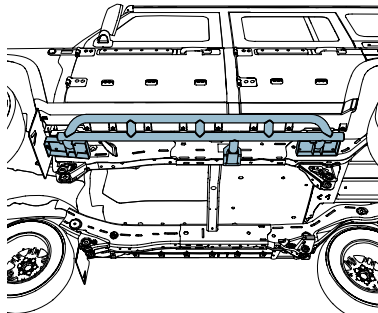
4

Put the four washers into position front Rock Slider Bracket.



5


Carefully use the Jack to lift the Rock Slider into position.



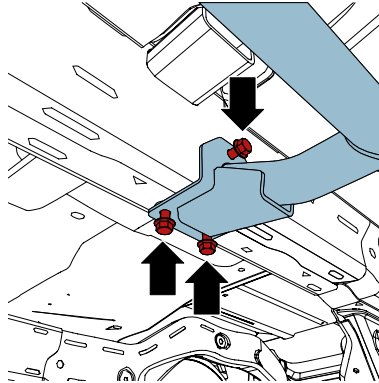


## ROCK SLIDERS LWB (INSTALL)


6

 *Note: Make sure that the two Washers are correctly aligned.*

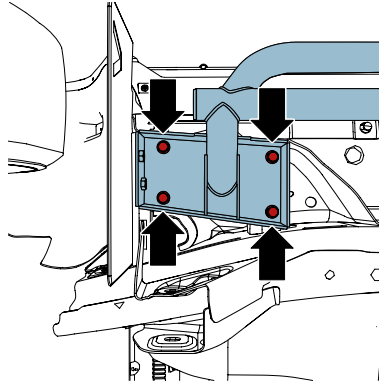
Loosely install the three bolts that attach the Side Step to the Chassis ensuring bottom two bolts are installed first.



7

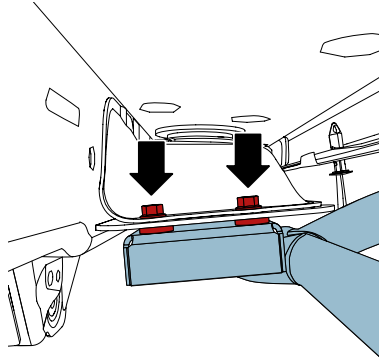
 *Note: Make sure that the four Washers are correctly aligned.*

Loosely install the four bolts that attach the Rock Slider to the front Body Mount Bracket.




8

Put the four nuts into position on the two Body Mount Brackets.

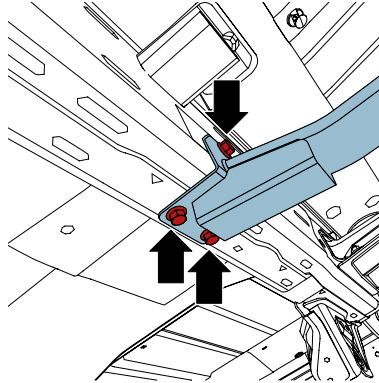


## ROCK SLIDERS LWB (INSTALL)

9

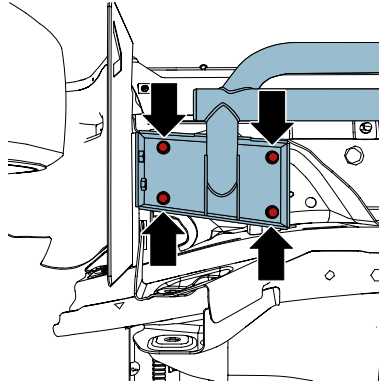
 *Note: Make sure that the four Washers are correctly aligned.*

Install and torque the three bolts that attach the Rock Slider to the Chassis to **110 Nm**



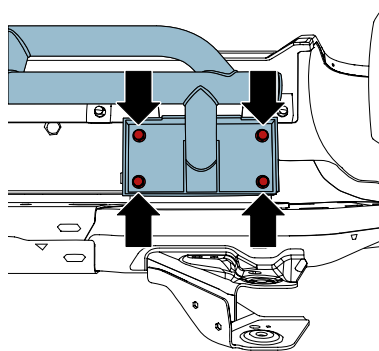
10

Torque the four bolts that attach the Rock Slider to the front Body Mount Bracket to **64 Nm**



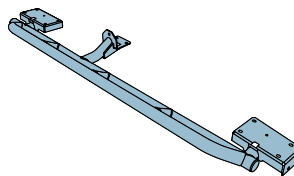
11

Torque the four bolts that attach the Rock Slider to the rear Body Mount Bracket to **64 Nm**

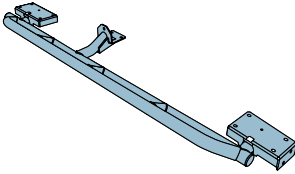
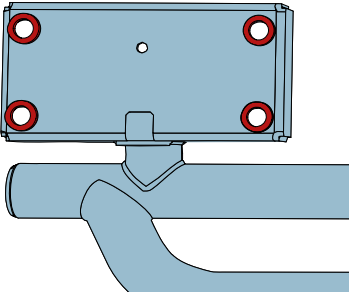
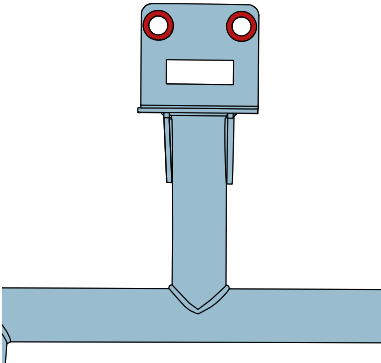
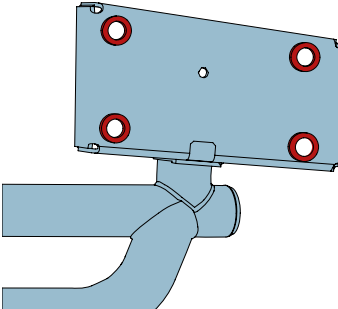


12

Move the Jack to the right side of the Vehicle.



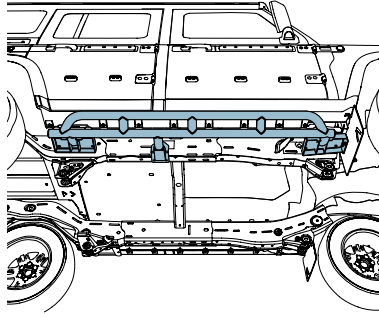
## ROCK SLIDERS LWB (INSTALL)

13	<p>Put the Rock Slider onto an applicable Jack.</p>  <p>The diagram shows a long, curved metal component, the Rock Slider, with mounting brackets at both ends. It is shown in a perspective view.</p>
14	<p>Put the four washers into position on the rear Rock Slider Bracket.</p>  <p>The diagram shows the rear Rock Slider Bracket, a rectangular plate with four circular holes (two on each side) highlighted in red. It is shown being attached to a vertical pipe with a V-shaped bracket.</p>
15	<p>Put the two washers into position on the middle Rock Slider Bracket.</p>  <p>The diagram shows the middle Rock Slider Bracket, a vertical plate with two circular holes (one on each side) highlighted in red. It is shown being attached to a vertical pipe with a V-shaped bracket.</p>
16	<p>Put the four washers into position on the front Rock Slider Bracket.</p>  <p>The diagram shows the front Rock Slider Bracket, a rectangular plate with four circular holes (two on each side) highlighted in red. It is shown being attached to a vertical pipe with a V-shaped bracket.</p>


## ROCK SLIDERS LWB (INSTALL)

17

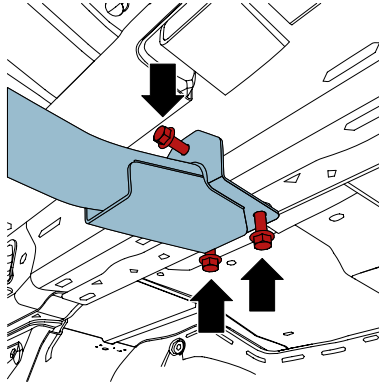
Carefully use the Jack to lift the Rock Slider into position.



18

 *Note: Make sure that the two Washers are correctly aligned.*

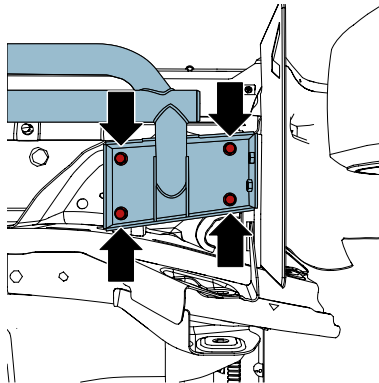
Loosely install the three bolts that attach the Side Step to the Chassis ensuring bottom two bolts are installed first.



19

 *Note: Make sure that the four Washers are correctly aligned.*

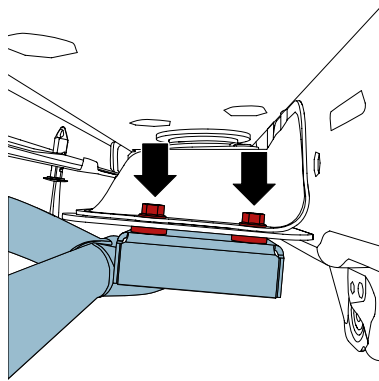
Loosely install the four bolts that attach the Rock Slider to the front Body Mount Bracket.



## ROCK SLIDERS LWB (INSTALL)

20

Put the four nuts into position on the Body Mount Bracket.

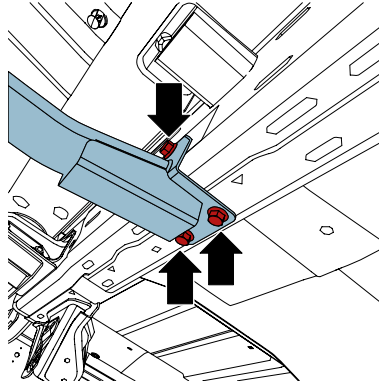


21



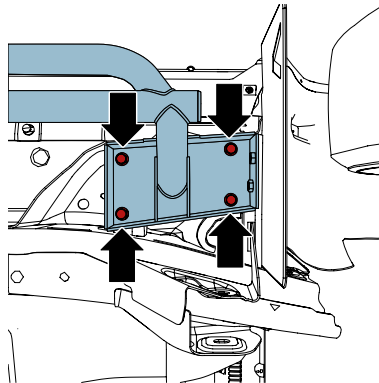
*Note: Make sure that the four Washers are correctly aligned.*

Install and torque the three bolts that attach the Rock Slider to the Chassis to **110 Nm**



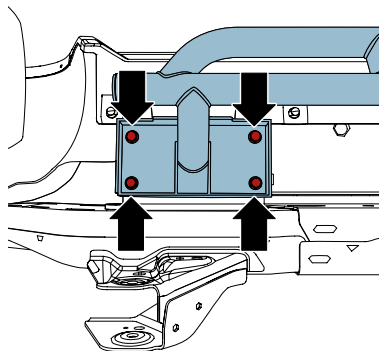
22

Torque the four bolts that attach the Rock Slider to the front Body Mount Bracket to **64 Nm**



23

Torque the four bolts that attach the Rock Slider to the rear Body Mount Bracket to **64 Nm**

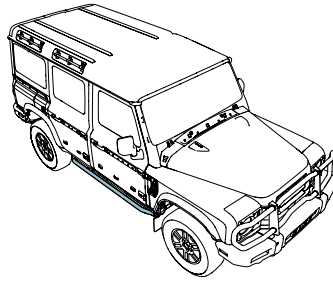


## ROCK SLIDERS LWB (INSTALL)

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24

Move the Jack away from the Vehicle.



**INEOS**  

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**GRENA<sup>A</sup>DIER**