Released Date	03/01/2024	
Doc No.	IARCM002876	
Title	Rear Winch Relay Wiring – Inspect – US Only	
Affected Vehicle(s) / VINs	Grenadier	RF006407 - RF007554
Prior to starting any reworks, please make sure you check the vehicle is affected by checking the VIN using Vehicle Simple Search in the Warranty System.		

Reason for this document

Issue: An issue has been identified on a small number of the affected vehicles where the Rear Winch Relay Wiring may be damaged/trapped.

Cause: Manufacturing Issue.

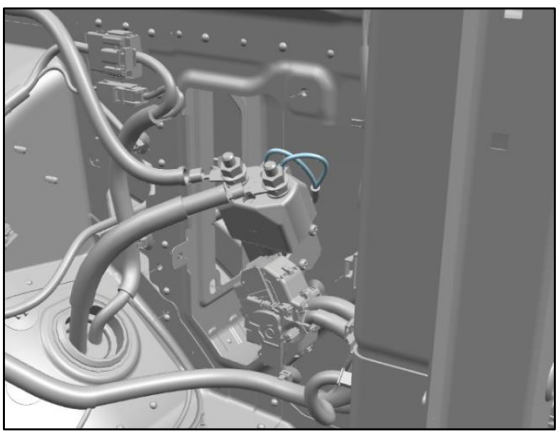
Action: Follow the procedure below.

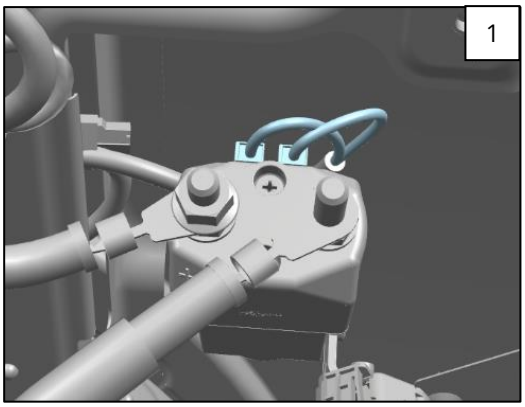
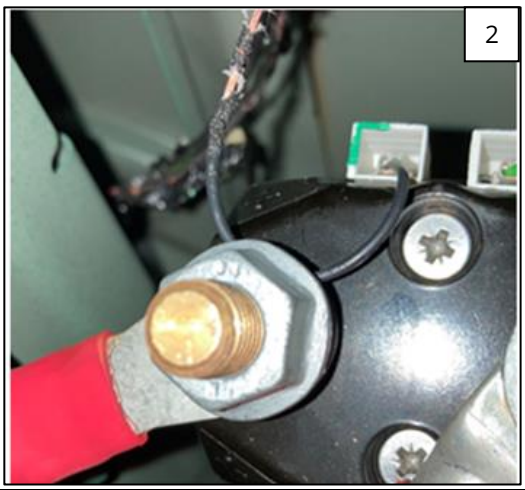
Workshop Procedure

Rear Winch Relay Wiring – Inspect

Operation	Check
Repair Time	0.7

Procedure - Inspect

1	Remove the Right Loading Space Trim Panel. **Refer to: TOPIC_0000001524 Loading Space Trim Panel Right (Remove for Access and Install)**
2	**Note:** Both relay wires shown in blue are at risk of being trapped by either terminal nut on the relay. Make sure both are inspected. Visually inspect the wiring around the Rear Winch Relay. 

	- If the relay wires are positioned correctly and not trapped under the terminal nuts (as shown in image 1), proceed to step 3. - If the relay wire(s) are trapped under either of the terminal nuts (as shown in image 2), proceed to the **Rear Winch Relay Wiring – Repair** rework instructions.  1  2
3	Install the Loading Space Trim Panel Right. **Refer to: TOPIC_0000001524 Loading Space Trim Panel Right (Remove for Access and Install)**
4	Release the vehicle.

Workshop Procedure

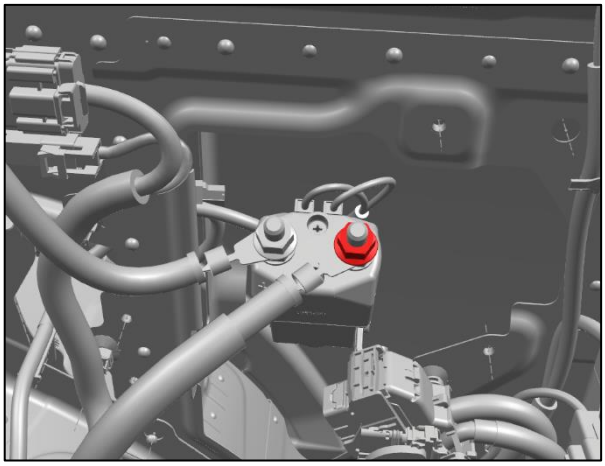
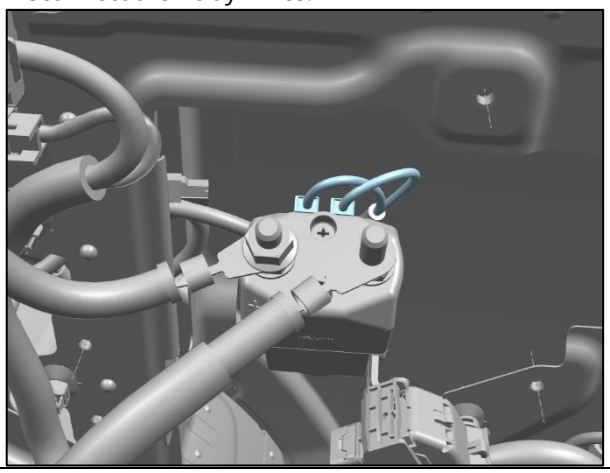
Rear Winch Relay Wiring – Repair

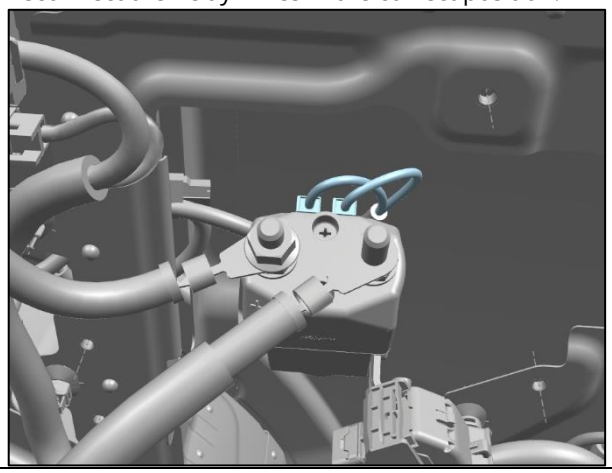
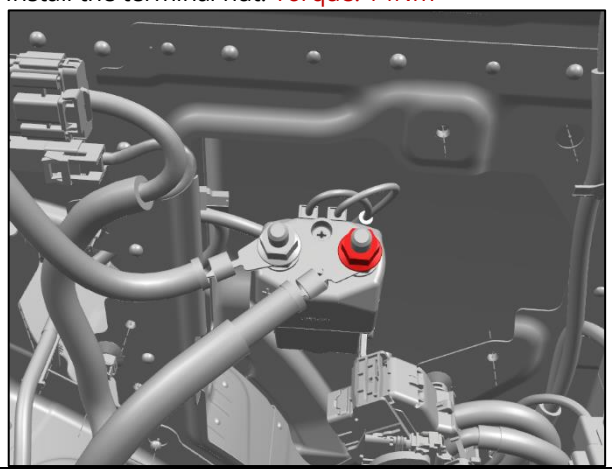
Operation	Remove and Install
Repair Time	0.5

Supplies

Part Number	Description	Qty
Local Supply	Heat Shrink Splice Connector	As required

Procedure - Repair

1	Disconnect the Battery. **Refer to: TOPIC_0000001447 Battery (Disconnect and Connect)**
2	Disconnect the Auxiliary Battery. **Refer to: TOPIC_0000004291 Auxiliary Battery (Disconnect and Connect)**
3	Remove the terminal nut(s) from the terminal(s) that the Relay Wire(s) are trapped under.  **Note:** Both relay wires shown in blue in step 2 of the '**Inspect**' procedure are at risk of being trapped by either terminal nut. Make sure both are inspected and repaired as required.
4	Disconnect the Relay Wires. 
5	Cut out the damaged section of wire with an appropriate tool.
6	Use a Heat Shrink Splice Connector to reconnect the wire and crimp with an appropriate tool.
7	Apply heat to the Heat Shrink Splice Connector until it has sealed around the wire.
8	Repeat steps **5 - 7** on the other relay wire if it was also trapped as inspected in **step 2** of the '**Inspect**' procedure.

9	Reconnect the Relay Wires in the correct position. 
10	**Note:** Ensure the Relay Wires are in the correct position and not trapped before installing the terminal nut. Install the terminal nut. Torque: 14Nm 
11	Connect the Auxiliary Battery. **Refer to: TOPIC_0000004291 Auxiliary Battery (Disconnect and Connect)**
12	Connect the Battery. **Refer to: TOPIC_0000001447 Battery (Disconnect and Connect)**
13	Install the Loading Space Trim Panel Right. **Refer to: TOPIC_0000001524 Loading Space Trim Panel Right (Remove for Access and Install)**
14	Release the vehicle.

Change History

Reference No.	Date	Description
IARCM002876	03/01/2024	First release