

Authored Date	03/03/2025	
Doc No.	IARCM004189	
Title	Door Button Mechanism – Replace – USA and Canada only	
Affected Vehicle(s)	Grenadier	PF004877 – PF005325 RF005988 – RF018955
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 affected vehicles where the door button can become stuck in the depressed position.

Cause: This is due to incorrect operation of the mechanism and/or insufficient greasing of the mechanism.

Action: Follow the procedure below.

Workshop Procedure



Please take an image of the key number (highlighted) and attach it to the warranty claim BEFORE the claim is submitted

Door Button Mechanism and keyset - Replace

Operation:	Repair Time:
Replace all Door/tailgate button mechanisms	3.4

Parts

Part Number	Description	Drive	Quantity
GRA-9K41-036730	Lockset Station Wagon	LHD	1
GRA-9K41-036740	Lockset Station Wagon	RHD	1
GRA-9K41-036750	Lockset Quartermaster	LHD	1
GRA-9K41-036760	Lockset Quartermaster	RHD	1
GRA-8B12-036690	Door Latch Button (Front Left and Rear Left)	N/A	1 for LHD vehicles 2 for RHD vehicles
GRA-8C11-036700	Door Latch Button (Front Right and Rear Right)	N/A	2 for LHD vehicles 1 for RHD vehicles
GRA-8F02-036720	Split Door Latch Button	N/A	1



Note:

- The procedure contains illustrations showing certain components removed to provide extra clarity.
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.

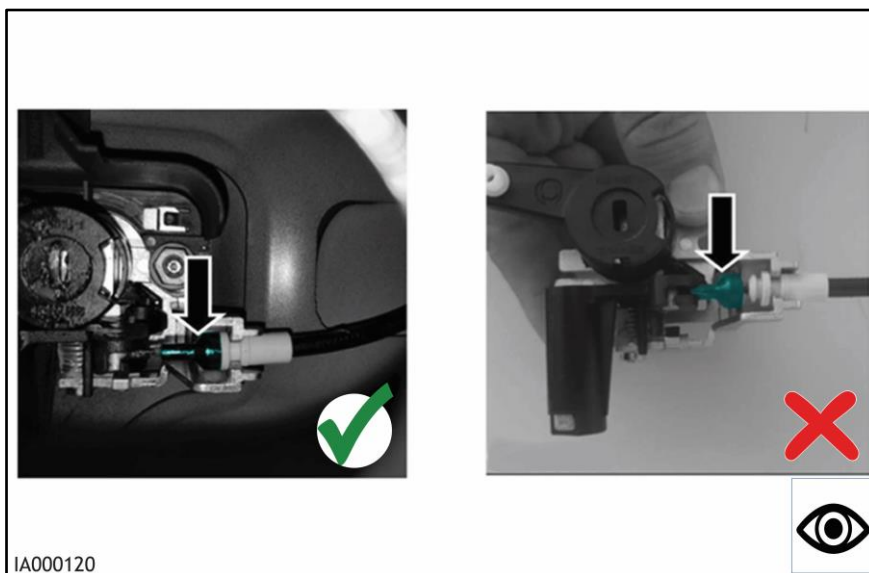
Warnings

- When installing the new side door latch button, check for the position of the QR code. If the position is the same as the image below, this is the correct version to be installed.
- IMPORTANT NOTICE: if the QR code is not located on the part as shown below (laser etched), the part is NOT the correct version and should not be installed.



Cautions

During the removal and installation of the door button, check the fitment of the end cap on the bowden cable. If the end cap is not securely fitted on the bowden cable, then re-install the end cap.



Replace all door/tailgate button mechanisms – Station Wagon and Utility Wagon only.

1.

Remove the Front Left Door Latch Button

Refer to: [Door Latch Button Front Left \(Remove for Access and Install\) TOPIC_0000000493](#)

2.

Install new the Front Left Door Latch Button.

Refer to: [Door Latch Button Front Left \(Remove for Access and Install\) TOPIC_0000000493](#)

Parts: GRA-9K41-036730 – Lockset Station Wagon – LHD. Quantity: 1

GRA-8B12-036690 – Door Latch Button - Front Left (RHD Only). Quantity: 1

3.

Remove the Front Right Door Latch Button.

Refer to: [Door Latch Button Front Right \(Remove for Access and Install\) TOPIC 0000000652](#)

4.

Install the new Front Right Door Latch Button.

Refer to: [Door Latch Button Front Right \(Remove for Access and Install\) TOPIC 0000000652](#)

Parts: GRA-8C11-036700 – Door Latch Button – Front Right (LHD only). Quantity: 1
GRA- 9K41-036740 – Lockset Station Wagon - RHD. Quantity: 1

5.

Remove the Rear Left Door Latch Button.

Refer to: [Door Latch Button Rear Left \(Remove for Access and Install\) TOPIC 0000001019](#)

6.

Install the new Rear Left Door Latch Button.

Refer to: [Door Latch Button Rear Left \(Remove for Access and Install\) TOPIC 0000001019](#)

Parts: GRA-8B12-036690 – Door Latch Button – Rear Left. Quantity: 1

7.

Remove the Rear Right Door Latch Button.

Refer to: [Door Latch Button Rear Right \(Remove for Access and Install\) TOPIC 0000000909](#)

8.

Install the new Rear Right Door Latch Button.

Refer to: [Door Latch Button Rear Left \(Remove for Access and Install\) TOPIC 0000000909](#)

Parts: GRA-8C11-036700 – Door Latch Button – Rear Right. Quantity: 1



9.

Remove the Split Door Latch Button

Refer to: [Split-Door Outer Handle Kinematics \(Remove for Access and Install\) TOPIC 0000001693](#)

10.

Install the new Split Door Latch Button

Refer to: [Split-Door Outer Handle Kinematics \(Remove for Access and Install\) TOPIC 0000001693](#)

Parts: GRA-8F02-036720 – Split Door Latch Button. Quantity: 1.

11.

Open and close each door to check the function of the door button.

12.

Proceed to – **Procedure – Ignition Barrel Replace.**



Replace all door button mechanisms – Quartermaster only

1.

Remove the Front left Door Latch Button

Refer to: [Door Latch Button Front Left \(Remove for Access and Install\) TOPIC_0000000493](#)

2.

Install new the Front Left Door Latch Button.

Refer to: [Door Latch Button Front Left \(Remove for Access and Install\) TOPIC_0000000493](#)

Parts: GRA-9K41-036750 – Lockset Quartermaster - LHD. Quantity: 1

GRA-8B12-036690 – Door Latch Button - Front Left (RHD Only). Quantity: 1

3.

Remove the Front Right Door Latch Button.

Refer to: [Door Latch Button Front Right \(Remove for Access and Install\) TOPIC_0000000652](#)

4.

Install the new Front Right Door Latch Button.

Refer to: [Door Latch Button Front Right \(Remove for Access and Install\) TOPIC_0000000652](#)

Parts: GRA-8C11-036700 – Door Latch Button – Front Right (LHD only). Quantity: 1

GRA-9K41-036760 – Lockset Quartermaster – RHD. Quantity: 1

5.

Remove the Rear Left Door Latch Button.

Refer to: [Door Latch Button Rear Left \(Remove for Access and Install\) TOPIC_0000001019](#)

6.

Install the new Rear Left Door Latch Button.

Refer to: Door Latch Button Rear Left (Remove for Access and Install) TOPIC 0000001019

Parts: GRA-8B12-036690 – Door Latch Button – Rear Left. Quantity: 1

7.

Remove the Rear Right Door Latch Button.

Refer to: Door Latch Button Rear Right (Remove for Access and Install) TOPIC 0000000909

8.

Install the new Rear Right Door Latch Button.

Refer to: Door Latch Button Rear Left (Remove for Access and Install) TOPIC 0000000909

Parts: GRA-8C11-036700 – Door Latch Button – Rear Right. Quantity: 1

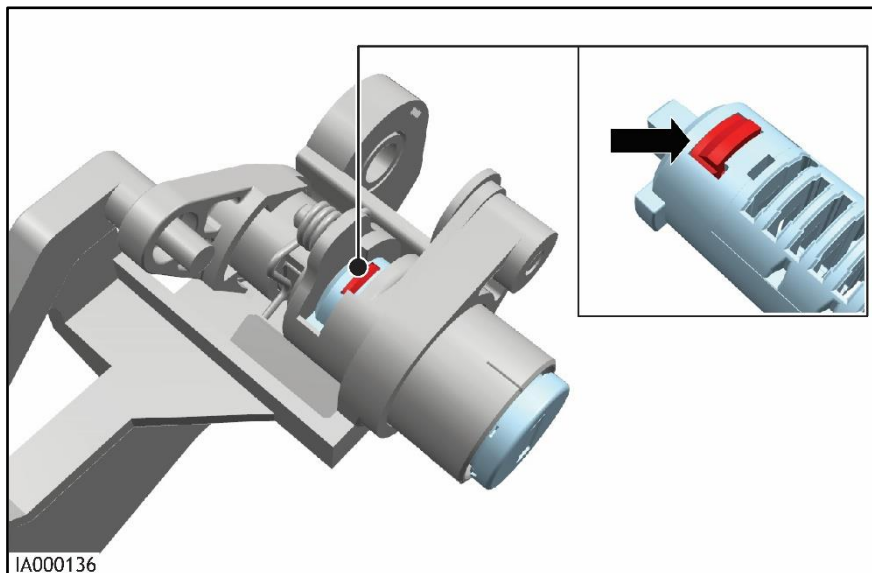
9.

Remove the Tailgate Handle Mechanism

Refer to: Tailgate Handle Mechanism (Remove for access and Install) TOPIC 0000005348



10.



- Insert the key into the tailgate lock.
- Using a suitable tool, press the highlighted button to release the tailgate lock.
- Remove the tailgate lock.

11.

- Insert the new key into the new tailgate lock.
- Install the new tailgate lock.
Parts: GRA-9K41-036750 – Lockset Quartermaster - LHD. Quantity: 1
GRA-9K41-036760 – Lockset Quartermaster – RHD. Quantity: 1
- Remove the new key from the new tailgate lock.

12.

Install the Tailgate Handle Mechanism

Refer to: [Tailgate Handle Mechanism \(Remove for access and Install\) TOPIC 0000005348](#)

13.

- Open and close each door to check the function of the door button.
- Proceed to – **Procedure – Ignition Barrel Replace.**

Procedure – Ignition Barrel Replace.

1.

Remove the Upper Console Driver Mid Panel.

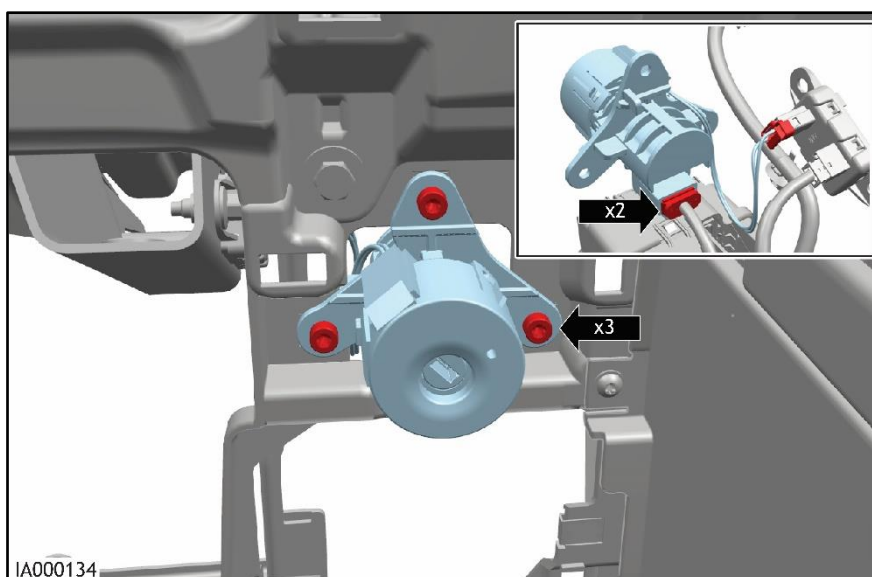
Refer to: Upper Console Driver Mid-Panel (Remove for access and install) TOPIC 0000001505

2.

Remove the lower dash cover right.

Refer to: Lower Dash Cover Right (Remove for Access and install) TOPIC 0000001467

3.



- Remove the 3 bolts.
- Release the ignition barrel
- Disconnect the 2 electrical connectors.
- Remove the ignition barrel.

4.

- Reposition the new ignition barrel into the correct position.
- Connect the 2 electrical connectors.
- Install the new ignition barrel.

Parts: GRA-9K41-036750 – Lockset Quartermaster - LHD. Quantity: 1

GRA-9K41-036760 – Lockset Quartermaster – RHD. Quantity: 1

GRA-9K41-036730 – Lockset Station Wagon – LHD. Quantity: 1

GRA- 9K41-036740 – Lockset Station Wagon - RHD. Quantity: 1

- Install and tighten the 3 bolts.

Torque: 3.5Nm

5.

Install the lower dash cover right.

Refer to: Lower Dash Cover Right (Remove for Access and install) TOPIC_0000001467

6.

Install the Upper Console Driver Mid Panel.

Refer to: Upper Console Driver Mid-Panel (Remove for access and install) TOPIC_0000001505

7.

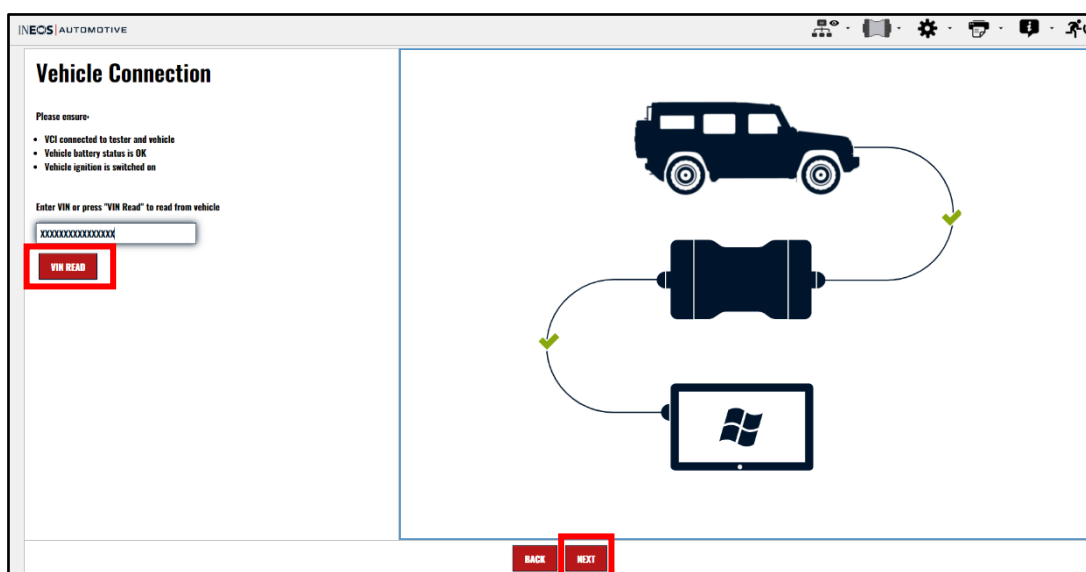
Proceed to **Procedure – New Key Recoding.**

New Key Recoding.

1.

Note:

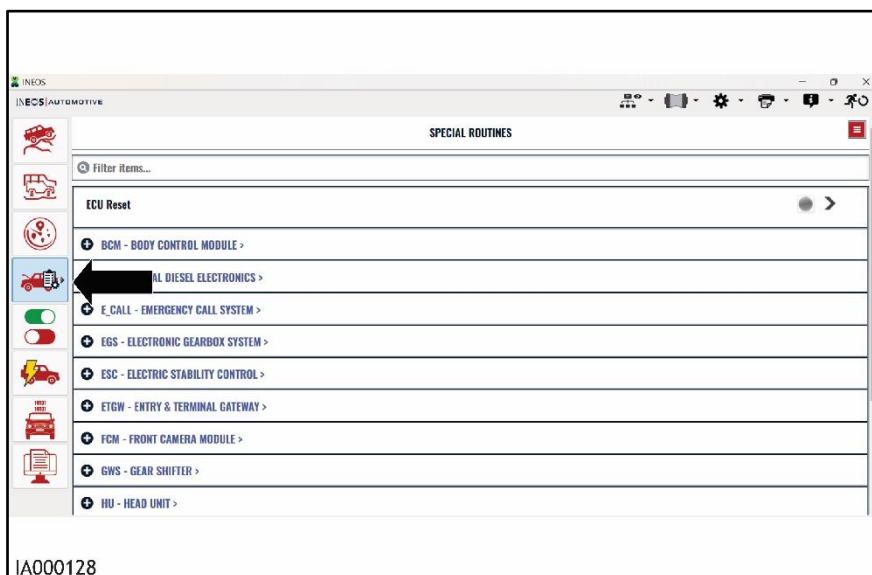
- See VCI connection documentation for VCI self-help.
- Ensure the connection is **NOT** in simulation.



Connect the vehicle to Grade-X using the VCI connected to the OBD port in the driver's footwell.

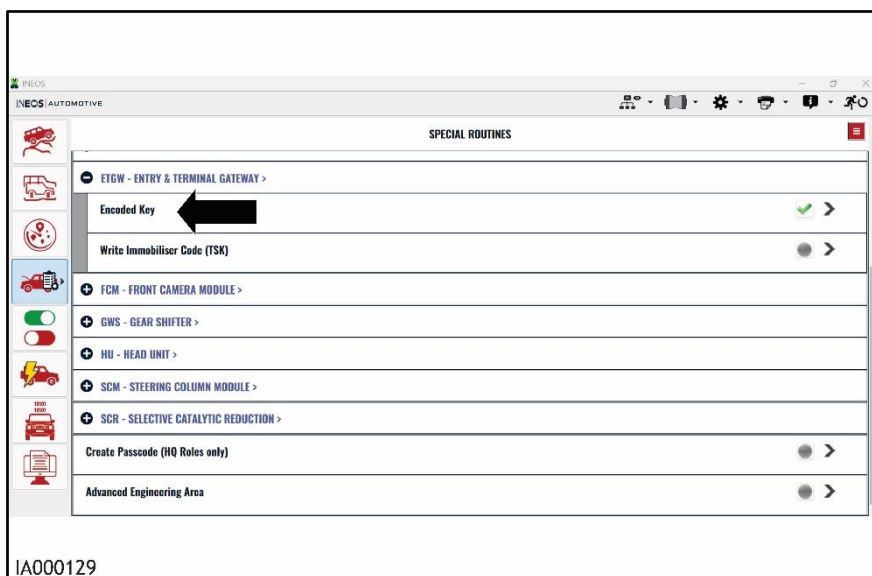
- 1) Select '**VIN READ**'.
- 2) Select '**NEXT**'.

2.



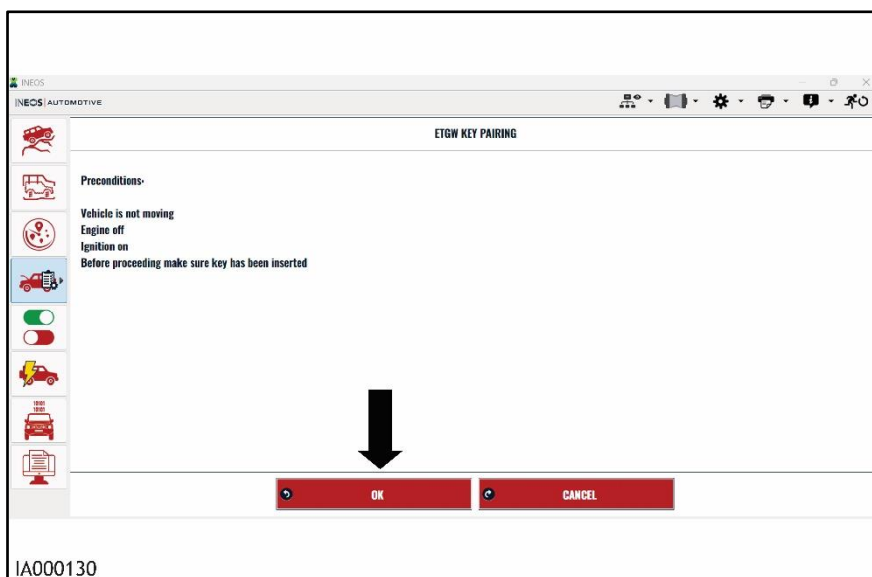
Select 'Special Routines'

3.



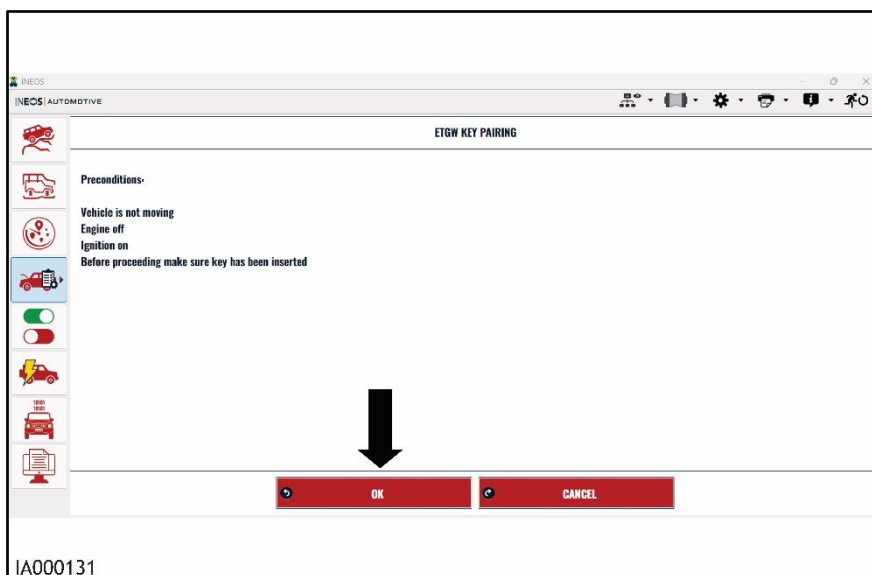
Select 'Encoded Key'

4.

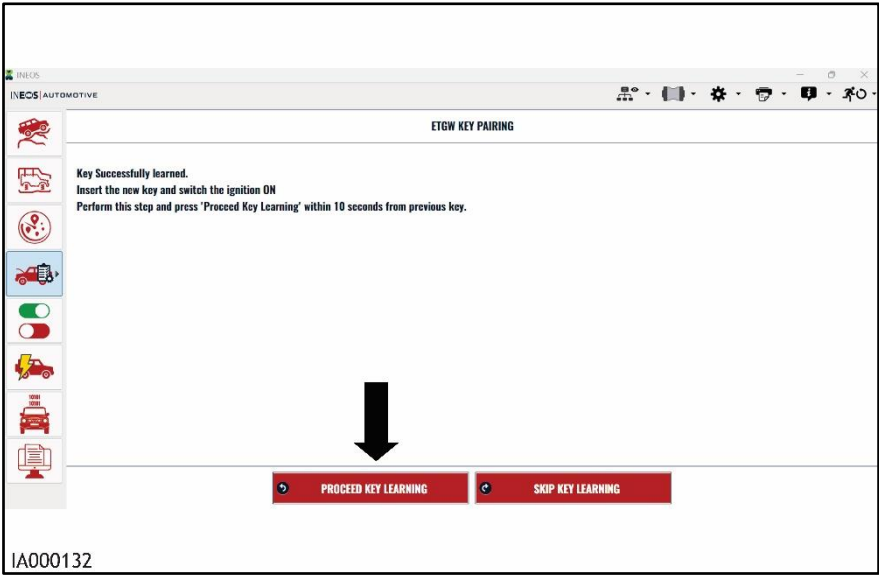


Press 'OK'

5.



6.



- Select **'Proceed Key Learning'** and repeat steps 3 – 5 for every key.
- If no more keys require coding, select **'Skip Key Learning'**.

7.

Disconnect the vehicle from Grade – X and test the functionality of each key.

8.

Release the vehicle.

Change History

Reference No.	Date	Description
IARCM004189	03/03/2025	First release

