

Date	Group	No.	Release	Page
12.2021	<b>381</b>	<b>047</b>	<b>01</b>	1(5)

Instrument Cluster Reprogramming (MID  
140)  
GU, GR

## **PI0889 Differential Lock Engagement Status Alarm Update (MID 140)**

**(December 2021)**

This notification is to announce that Mack trucks has released improved differential lock warning software for the instrument cluster. Previously the driver would be initially alerted to the system engagement with a popup in the cluster along with an audible alarm that lasted approximately five seconds then would automatically dismiss. The improved software keeps the message and alarm persistent until the system is disengaged. The message in the cluster can be ignored for thirty seconds but will return. The following highlights the differences between the current and new software. To perform the update, follow the procedure below

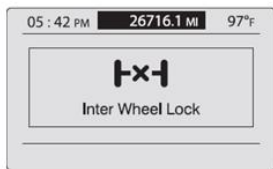
**Note:** This bulletin does not apply to MACK Trucks Australia.

# Granite (GR)

\*Current Software\*



**Diff-Lock Engaged:** (Popup + audible + Icon) Begins



**Popup = 30sec**



**Audible = 5sec**



**Icon = Continuous**

**Diff-Lock Disengaged:** (Popup + audible + Icon) End



**Popup = No**



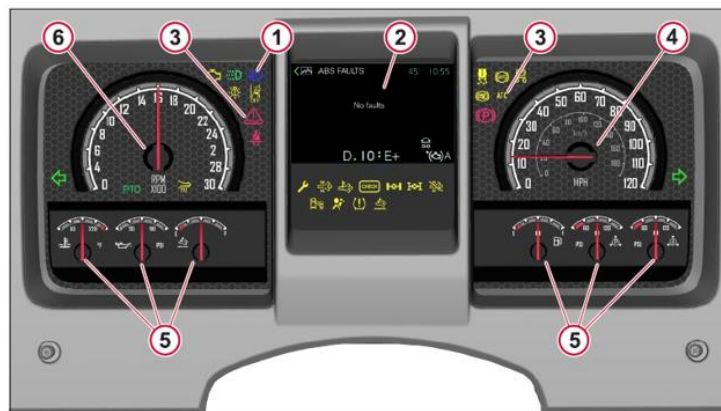
**Audible = No**



**Icon = No**

# Granite (GR)

\*New software\*



**Diff-Lock Engaged:** (Popup + audible + Icon) begins



**Popup = Continuous, but can be dismissed.  
If dismissed will return > 30sec**

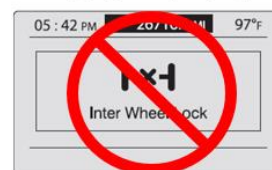


**Audible = follows popup**



**Icon = continuous**

**Diff-Lock Disengaged:** (Popup + audible + Icon) ends



**Popup = no**



**Audible = no**



**Icon = no**

## Granite (GU)

\*Current Software\*



**Diff-Lock Engaged:** (Popup + audible + Switch Display) begins

**Diff-Lock Disengaged:** (Popup + audible + Switch Display) End



**Popup = 5sec**



**Popup = No**



**Buzzer = 5sec**



**Buzzer = No**



**Switch Display = Continuous**



**Switch Display = No**

## Granite (GU)

\*New Software\*



**Diff-Lock Engaged:** (Popup + audible + Switch Display) begins

**Diff-Lock Disengaged:** (Popup + audible + Switch Display) End



**Popup = Continuous, can be dismissed by operator**



**Popup = No**



**Buzzer = Continuous**



**Buzzer = No**



**Switch Display = Continuous**



**Switch Display = No**

## Instrument Cluster, Reprogramming

You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

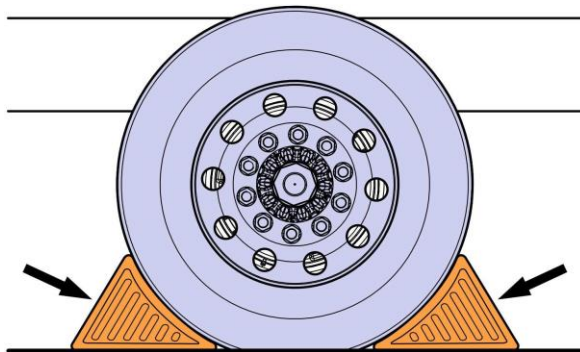
**NOTE:** Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.



### DANGER

Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the transmission in neutral or park.
- 4 Install the wheel chocks.

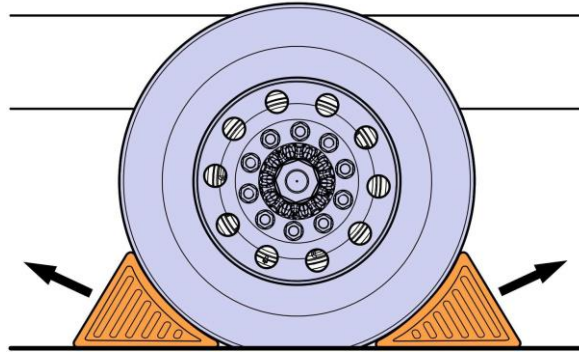


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- 5 Using Premium Tech Tool (PTT), connect to the vehicle, select MID 140 Instrument Cluster Programming and program the control unit.

**Note:** Follow the on screen prompts until the programming is complete.

6 Remove the wheel chocks.



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**Reimbursement**

<b>This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.</b>	<b>UHP Reimbursement</b>
<b>Claim Type (used only when uploading from the Dealer Bus. Sys.)</b>	B
<b>Recall Status</b>	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
<b>Labor Code</b>	
Primary Labor Code (Instrument Cluster Reprogramming)	3810-22-03-11 0.4 hrs
<b>Causal Part</b>	85102456
<b>SCC Code</b>	S7625
<b>Authorization Number</b>	N/A
<b>Expiration Date</b>	June 9, 2023 (rev.3/9/23)