Instrument Cluster Reprogramming (MID 140)
GU, GR

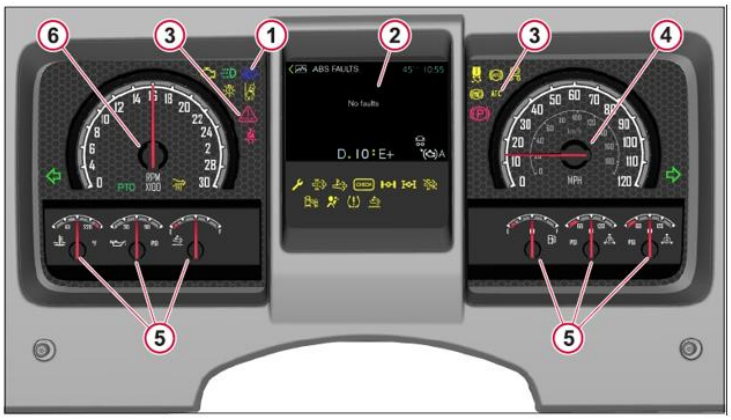
PI0889 Differential Lock Engagement Status Alarm Update (MID 140)

(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

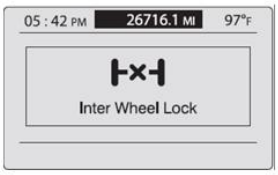
Note: This bulletin does not apply to MACK Trucks Australia.

Granite (GR)

Current Software



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

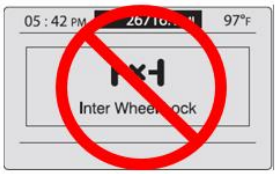


Popup = 30sec

Audible = 5sec

Icon = Continuous

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



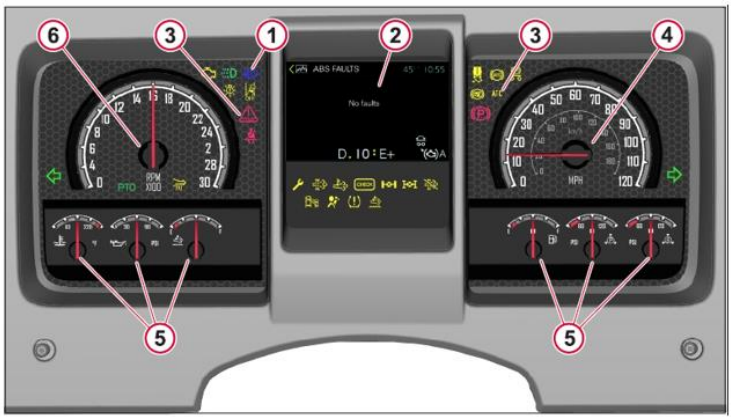
Popup = No

Audible = No

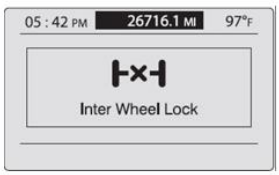
Icon = No

Granite (GR)

New software



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

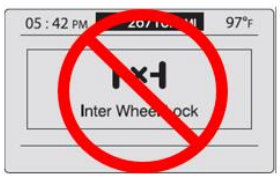


Popup = Continuous, but can be dismissed.
If dismissed will return > 30sec

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

Popup = 5sec

Buzzer = 5sec

Switch Display = Continuous

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

Popup = No

Buzzer = No

Switch Display = No

Granite (GU)

New Software

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

Popup = Continuous, can be dismissed by operator

Buzzer = Continuous

Switch Display = Continuous

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

Popup = No

Buzzer = No

Switch Display = No

Instrument Cluster, Reprogramming

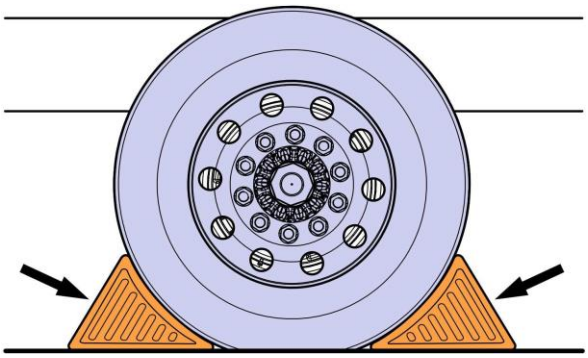
You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

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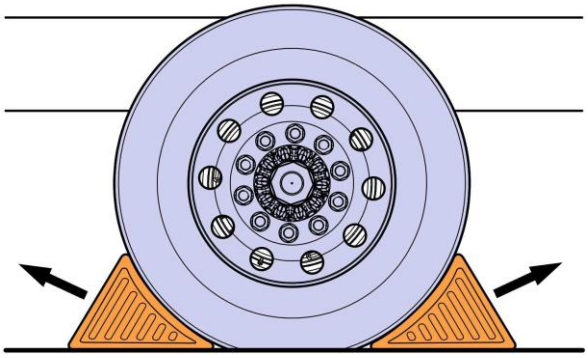
5 Using Premium Tech Tool (PTT), connect to the vehicle, select MID 140 Instrument Cluster Programming and program the control unit.

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

6 Remove the wheel chocks.



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Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.	**UCHP Reimbursement**
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code (Instrument Cluster Reprogramming)	3810–22–03–11 0.4 hrs
Causal Part	85102456
SCC Code	S7625
Authorization Number	N/A
Expiration Date	December 31, 2022