



**** SOLUTION ****

Title Volvo Chassis - Differential Lock Status Alarm And Icon; Differential Lock Alarm Tone Does Not Sound For Entire Duration Of Differential Lock Engagement

Volvo Models

Volvo Model VN , VNL , VNR , VNX , VAH , VHD

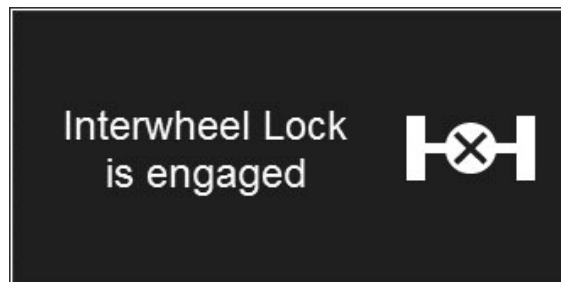
**** SOLUTION ****

Cause For certain Volvo vehicles, the differential lock alarm may not sound the entire time the differential lock is engaged. This issue can cause the driver to be confused about the status of the differential lock and may contribute to rear end failures. Currently the alarm will sound for 5 seconds and the instrument cluster pop-up message and icon can be missed.

Solution **To remedy this issue please install new Instrument Cluster main software.**

Refer to the chart and image below for the current and new configurations for the differential lock status alarm and icon.

GEN II Clusters	
Current	New
<ul style="list-style-type: none"> Engaged: (Popup + audible + icon) begins Audible is 5s popup dismisses after 30s Icon stays ON Disengaged: Icon ceases 	<ul style="list-style-type: none"> Engaged: (Popup + Audible + Icon) begins Popup dismissed: (Continuous audible + Icon) persists Engaged > 30s after popup dismissal: (popup) returns (continuous audible + Icon) persists Disengaged: all (popup/Audible/Icon) ceases



NA_Sister solutions [K14810225](#)

Solution visibility Dealer distribution

Function(s)/component(s) affected

Function affected	MID 140 – IC04 / IC05 , dashboard/information display , Drive Axle
-------------------	--

Function Group

Function Group	384 warning system , 387 warning/information analysis and display; embedded diagnostic software
----------------	---

Customer effect

Main customer effect	calibration/programming/pairing/missing operation , locking/unlocking
----------------------	---

Conditions

Vehicle operating mode	when activating , during engagement
------------------------	-------------------------------------

Administration

Author	RU2761V
--------	---------

Dealer ID	RU2761V
-----------	---------

Last modified by	A241298
------------------	---------

Creation date	18-07-2019 14:07
---------------	------------------

Date of last update	14-08-2019 14:08
---------------------	------------------

Status	Published
--------	-----------