



Vehicle Overspeed Warning Comes Active At A Lower Speed Than Expected; Vehicle Overspeed Warning In Driver Information Display (DID) - Model Year 2018 And Newer With New Style Instrument Cluster



Internal Content

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The Vehicle Overspeed Threshold is set with parameter (VECU4) ZX5, (VECU5) P1UWE and Driver overspeed warning default trigger is set with parameter ROS. These parameters may be set at a low enough value that road speed limit is higher. This issue is most likely to occur following changes made to the road speed limit with pedal and/or cruise.

If the vehicle overspeed alert is activating at too low of a speed on a VECU4 chassis follow steps below:

1. In Premium Tech Tool (PTT), run Operation [1700-22-03-03 Parameter Programming](#). The Operation can be found under the Program tab.
2. Locate and review the value of parameters specified below:

VECU4	VECU5
ZX5	P1UWE
ROS	P1C7R
	ROS



Z10	LOV Idle Warning Threshold	112.747474	0.0000000000	0.0000000000	r/min
ZXA	LOV Engine Overspeed Company Threshold	500.000	0.000	3500.000	r/min
ZX5	Vehicle Overspeed Threshold	0.00000000	86.000	158.452085	mph
ZXZ	Vehicle Overspeed Air Threshold	0.00000000	0.0000000000	158.452085	mph
ZMA	Fuelled Engine Overspeed Threshold	500.000	0.000	3500.000	r/min

3. Set the value for the parameters listed above higher than the values for the other road speed limits.

Note: The maximum value that the specified parameters should be set to is 86 mph (138 km/h). Setting the value higher may cause other issues.

 Tags

[k93482141](#) [overspeed warning](#) [mack](#) [volvo](#)

Related links and attachments

No links or attachments available

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1700-22-03-03 Parameter Programming

Find a parameter applying a filter using the options below or by searching for its ID or name. Change the parameter value directly in the table. Click Continue to confirm the changed parameter values.

Store Values Parameter Templates

Program Parameters
Connect to central systems to view parameters. Connect to a product to program parameters.

No parameters found for current filter (0 Items)

Filter Parameters

Search Parameter:

Filter by:

Control Unit:

Parameter Type:

Parameter State:

ID	Name	Min	Value	Max	Unit	Details	State
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Exit