

**\*\* SOLUTION \*\***

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Title	Volvo Chassis - Equipped With A Cummins Engine - Fault Code SPN 639 FMI 9 Or SID 231 FMI 9 Present After Replacing The Instrument Cluster
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**Volvo Models**

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Volvo Model	VN2 , VN , VNL , VNM
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**Emission Standard**

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Emission Standard	US07 , US10
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**Engine family**

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Engine family	Cummins
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**\*\* SOLUTION \*\***

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Cause	Parameter <b>IBS</b> is incorrectly loaded in VDA. During replacement cluster programming, the parameter was pushed into the ecu and caused the fault SPN 639 fmi 9 to become active. Parameter <b>IBS</b> controls a specific message on the datalink that the Cummins ECM is looking for.
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Solution	Update parameter <b>IBS</b> to <b>enable</b> with Tech Tool.
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Solution visibility	Dealer distribution
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Support Area	Americas
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**Function(s)/component(s) affected**

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Function affected	Engine
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**Function Group**

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Function Group	381 combined instrument
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**Customer effect**

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Main customer effect	fault code/display
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**Fault Codes And Error Codes**

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Cummins Codes	427 - SPN 639 FMI 9 - SID 231 FMI 9
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**Conditions**

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Other conditions	after a workshop procedure on the vehicle
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**Administration**

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Author	RU3011V
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Dealer ID	RU3011V
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Last modified by	A241298
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