Product Bulletin —

Product Bulletin	Change to the Coolant Level Sensor Configuration
Segment	Industrial, Electric Power, EU Stage V, US EPA Tier 4 Final, China NRIV, Tier 3
Engine Platforms	400J-E17, 400J-E22 904-E28, 904-E36 1204J/EA-E44, 1206J/EA-E70
Engine Build Lists	All for the above platforms
Details of Change What is the Change	New software is being released which will include an updated coolant level sensor configuration. The new software means the engines can support customer-supplied coolant level sensors that are normally open or normally closed. The current software only has "*not installed*" and "*installed*" as options. If "*installed*" is selected, then a normally closed sensor works, but a normally open sensor won't work.
Reason for Change Why was the change made?	Previously, engines had the ability to support normally open and normally closed coolant level sensors. However, this was not available in the software for the new platforms which has now been corrected. The options in the service tool will now be: - "*not installed*", - "*closed*" (to ground) when low" - "*open when low*". This is in place of the previous "*not installed*" and "*installed*".
OEM Effect What is the effect on Form, Fit or Function?	For all customers who configure their own software application parameters through the Engine Service Tool (EST), please ensure you now select the correct coolant level switch parameter based on your switch type. For customers who take factory-configured application parameters (Customer Engine Option Selections - CEOS) the configuration will be updated, so no input is required by the customer. The build lists affected by this are shown below. Please note that the configuration setting description has changed from "c*oolant level sensor*" to *"coolant level switch configuration".* Please note also, with the new software, the coolant level switch configuration will **default** to *"not installed".* Therefore, if you are configuring your own software and you require a coolant level sensor to be installed, you will need to ensure the sensor setting is set correctly.
Availability	1204J / 1206J - May 2022 1204EA / 1206EA – July 2022 400J – June 2022 900 – TBC

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	(Dates are subject to change)
General Comments	None

Build lists affected (factory-configured only)

The build lists which are factory-configured by Perkins applications engineers are shown below

If you have configured the software yourself, your build lists may be affected but they won't be shown in the list below

FT52102
FT52103
FT52140
FT52163
FW71452
FX52100
FX52133
FX52133
FX52161
FX52162

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