Service Bulletin

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Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☑ Parts Manager

Activation of the Low Drive Lube Alarm for QSD 2.8L & 4.2L Models

Models Affected

All Cummins MerCruiser Diesel QSD 2.8L and 4.2L sterndrive models with SmartCraft 2.2 (48-Pin System Integration Module).

Situation

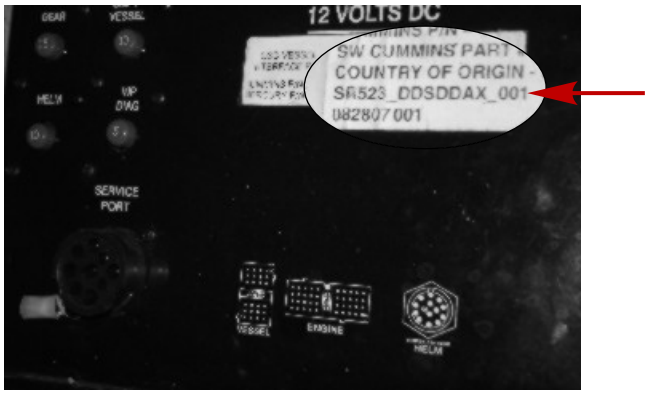
On QSD DTS and non-DTS sterndrive applications, the Smart Tachometer check engine fault display for a "Low Drive Lube" condition was disabled. The following System Integration Module (SIM) calibrations are affected:

Application	Affected System Integration Module (SIM) Calibrations
Non-DTS	S08R001_SDNAAX_000.srz
DTS	S08R001_SDDAAX_000.srz

With these SIM calibrations the Smart Tachometer check engine fault indication will not turn on and the VesselView alarm horn will not sound in the event of a sterndrive "Low Drive Lube" condition.

Correction

Confirm that the SIM has the affected calibration. The SIM calibration number is provided on the SIM identification decal.



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SIM Calibration Number

The following SIM module calibrations enable the check engine fault display on the Smart Tachometer and the alarm horn on the VesselView:

Application	Updated System Integration Module (SIM) Calibrations	Part Number
Non-DTS	S08R001_SDNAAX_001.srz	5264219
DTS	S08R001_SDDAAX_001.srz	5264218

Update each affected SIM Module with the latest calibration using the VesselView configuration tool.

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IMPORTANT: After updating the SIM, cross out the old calibration number on the SIM identification decal and write the new calibration number with a fine-point permanent marker.

Parts Information

Refer to the Cummins MerCruiser Diesel SmartCraft download site at **https://gce.cummins.com/mce/mce_scdownloadctr/index_scv.htm** for the required software update.

Warranty

Mercury Marine will credit the dealer for labor costs associated with this software update. Submit a warranty claim through your normal warranty processing channel listing:

- MerCruiser engine serial number
- Flat Rate Code MP81
- Labor at 0.5 hours
- Part Code 566
- Failure Code 79

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