



**PRODUCT TECHNICAL BULLETIN 36260
NOTIFICATION OF DESIGN REGISTRATION AMENDMENT:
MDR 114056 DES 7A**



Date: 20-07-2023
Issue: A - release
Prepared for: Industry/ End Users

Applicable machines: **Vehicles installed with MWM 4.1TCA MDR 114056 DES**
MineCruiser Mk7, MineCruiser Mk8, Predator
MWM Grader, PET repowered machines

REVISION:A

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Background:

This bulletin seeks to notify end users as of an amendment to the design registration MDR 114056 DES for the MWM 4.1 TCA engine registration. The scope of the communication details a summary of the applicable changes to the previous registration. As an amendment, there is no change to the ' ' number of the previous revision of the MDR.

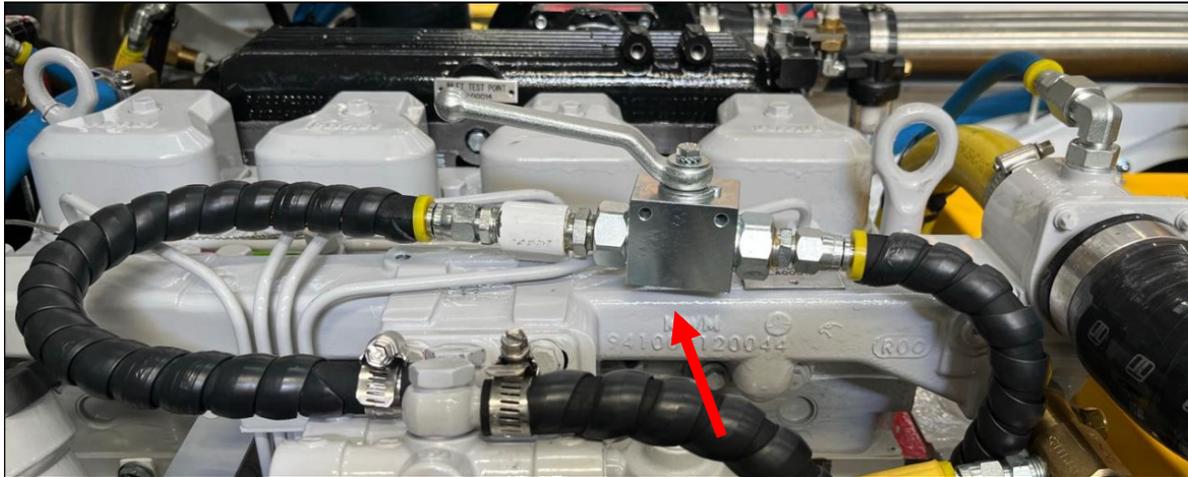
Communication:

Amendments that are applicable to the MDR 114056 DES -7a June 2023 Include;

- DPF backpressure alarm may now be used in NSW as an alternative to the original exhaust backpressure shutdown system.
The DPF alarm detects exhaust backpressure and sounds an audible and visual alarm once it has reached a preset value. The alarm is resettable without leaving the cabin, once the backpressure has returned to the correct operating range



- An alternate improved fuel shut-off valve is registered refer part number 7-180412-751. Time to shut-down via this manual fuel shut-off valve is considerably reduced from the original shut-down valve.



- An improved low engine oil pilot valve (previously described in Bulletin 36138) is now design registered for use with MDR 114056 DES-7a. The improved oil valve shuts the engine down at a higher oil pressure than the original valve, providing a higher level of protection against engine failure due to low oil pressure.

Recommendations

Further improvements and options are now available for the MWM 4.1 TCA engine, design registration MDR 114056 DES.

It is recommended the improvements listed in this bulletin be reviewed and implemented at the next scheduled service opportunity by Cougar Mining Equipment to ensure modifications are in accordance with the registered design.

Please distribute this bulletin to all relevant personnel

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