



DEF (DIESEL EXHAUST FLUID) FROZEN.

Bulletin Type:	INC	Publication Date:	May 2020
Bulletin #(s):	20-014	Make(s):	ALL CUMMINS DIESEL ENGINES EQUIPPED WITH DEF.
		Model(s):	ALL CUMMINS DIESEL ENGINES EQUIPPED WITH DEF.
		Model Year(s):	ALL MODEL YEAR(S)

The engine start up and units function with frozen DEF in tank,
All units with Cummins diesel engines equipped with DEF.

INSTRUCTIONS

Frozen DEF Fluid:

“Even though DEF freezes at approximately -12°C [11°F], the SCR system is designed to be frozen and thawed. The DEF tank is heated by engine coolant, and the DEF lines and after treatment DEF dosing units are electrically heated. No operator interaction is needed when operating in cold temperatures; heating and thawing are controlled automatically by the ECM.”

The system can handle the frozen DEF. Frozen DEF will not prevent the engine from starting and does not cause de-rate on its own. We would only go into de-rate based on the system detecting a malfunction of one of the components such as the tank heater or line heaters.

If a temperature issue is noted at the DEF sensor at start up, this may trigger a MIL (Malfunction Indicator Light) or check engine light. Once the system achieves normal operating temperature, this fault will go inactive and ultimately be cleared after a series of key cycles.

Jayco's sole obligation under our limited warranty is to repair or replace defective materials and/or workmanship deemed our responsibility as determined by Jayco in our sole discretion. Jayco reserves the right to use new and/or remanufactured parts or materials of similar quality to complete any work, and to make parts and/or design changes as appropriate without notice to anyone. Jayco designs and/or materials changes are done without obligation to incorporate such changes in previously manufactured product. Jayco makes every reasonable effort to ensure field remedies will not adversely affect performance and/or safety of the unit. This field remedy is not intended to extend to future performance of this RV, or any of its materials, components or parts beyond the standard warranty period. The RV owner's obligation to notify Jayco, or one of its independent, authorized dealers, of a claimed defect does not modify any obligation placed on the RV owner to contact Jayco directly when attempting to pursue remedies under state or federal law. Jan. 2019.

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