


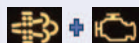







# REGEN TRIGGER TRACKING (ENGINE CODES)

APPLICABLE FOR DETROIT DIESEL  
AND CUMMINS EPA07 AND NEWER

INDICATOR LAMP	DESCRIPTION	DRIVER ACTION
High Exhaust System Temperature Lamp 	<b>Solid:</b> Indicates exhaust temperature is above a preset limit and unit is operating at low vehicle speed.	No change in driving required.
Malfunction Indicator Lamp (MIL) 	Indicates a failure of an Emission Control Device. May illuminate at the same time as the Check Engine Lamp.	Vehicle can be driven to the end of the shift. Call for service.
DPF Regeneration Lamp 	If solid yellow, indicates that a regeneration may be needed. If flashing yellow, indicates Regeneration is <u>required</u> as soon as possible.	Bring vehicle to highway speeds to allow for an Automatic Regeneration or perform a Parked Regeneration.
DPF Regeneration Lamp + Engine Lamp 	Indicates that a Parked Regeneration or Services Regeneration <u>must</u> be performed.	Vehicle must be parked, and a Parked Regeneration Service or Service Regeneration must be performed. <b>ENGINE DERATE</b>
DPF Regeneration Lamp + Engine Lamp + Stop Engine Lamp 	Indicates that a Parked Regeneration or Service Regeneration must be performed.	Vehicle must be parked, and a park Regeneration or Service Regeneration must be performed. <b>ENGINE SHUT DOWN</b>

## DETROIT DIESEL Regeneration Process - Engine Indicator Lamps

	Bring vehicle to highway speeds to allow for an Automatic Regeneration <b>OR</b> Perform a Parked Regeneration.
	Bring vehicle to highway speeds to allow for an Automatic Regeneration <b>OR</b> Perform a Parked Regeneration as soon as possible.
	Vehicle must be parked and a Parked Regeneration <b>OR</b> Service Regeneration must be performed. <b>PARKED REGENERATION REQUIRED – ENGINE DERATE</b>
	Vehicle must be parked and a Parked Regeneration <b>OR</b> Service Regeneration must be performed. <b>PARKED REGENERATION REQUIRED – ENGINE SHUTDOWN</b>

**Note:** If engine protection has been initiated and forces the engine to shutdown, you CAN immediately re-start the engine and perform the necessary steps in order to initiate a parked regeneration.

If you have any questions, radio a dispatcher.

[www.abc-companies.com](http://www.abc-companies.com)































Exclusive U.S.  Distributor

# VANHOOOL DASHBOARD DISPLAY MESSAGES and ENGINE CODES

Model Year 2020 and Newer

# VANHOO DASHBOARD DISPLAY MESSAGES

FOR MORE INFORMATION, REFER TO THE OPERATING MANUAL























	Engine management system failure		Multiplex: CAN bus failure between computer module and retarder control system
	Engine management system serious failure		Multiplex: CAN bus failure between computer module and dashboard node
	Engine protection system engine stop nearby		Multiplex: CAN bus failure between computer module and node 1
	Engine, exhaust system: Diesel Particulate Filter goes through a stationary regeneration		Lift door safety tab engaged
	Engine, exhaust system: Diesel Particulate Filter regeneration inhibited		Brakes: left brake pads worn (example: axle 1)
	Engine, air-intake system: boost-pressure sensor failure		Roof Hatch Open
	Engine, fuel system: water in fuel/water separator		Tire-pressure monitoring system Fault
	Snow chains engaged		Retarder active
	Allison transmission oil temperature too high		Exhaust system DEF failure
	Transmission electrical circuit of temperature sensor interrupted, or sensor failure		Multiplex: failure in computer module
	Multiplex: short circuit or interruption at input or output of node		Multiplex: CAN bus failure between computer module and engine control unit
	Pressure in brake compressed air tanks is low		Multiplex: CAN bus failure between computer module and transmission control unit
	Climate control: pressure in refrigerant circuit too high		Cruise control on
	Climate control: pressure in refrigerant circuit too low		Adaptive Cruise Control (ACC)

## Transmission Shift Pad Messages

The wrench light icon between the gear indicators will illuminate briefly at startup. If the wrench light flashes or stays on this indicates there may be a problem. If this issue occurs, push the up and down shift selector buttons at the same time to display the error message. Call Dispatch and tell them the resulting message. They will advise as to the best course of action.

# VANHOO DASHBOARD DISPLAY MESSAGES

FOR MORE INFORMATION, REFER TO THE OPERATING MANUAL

	Battery equalizer failed		Level in steering system fluid tank too low
	Alternator failure (example: alternator 1)		Passengers emergency signal
	On-board voltage too low		Wheel chair lift system enabled
	Toilet emergency signal		Starting interlock switch in engine compartment in position "starting impossible"
	Temperature in engine compartment or In coolant heater compartment too high		Luggage compartment doors central locking system on
	ATC system: effectiveness reduced		Climate control: operates with inside air
	Coolant heater: burner in operation		Brakes: bus-stop brake applied
	Coolant heater: standby		Emergency brake systems (optional)
	Kneeling system on		Gateway control failure
	Suspension raise system on		Electrical circuit of vehicle speed sensor interrupted, or sensor failure
	Lowering system on		Waste tank full

Vehicle specifications subject to change without notice. All information, illustrations, and specifications contained in this guide are based on the latest product information available at the time of production. The right is reserved to make changes at any time without notice. Please refer to all owner, operations, maintenance, or parts manuals and associated documentation for further information.