



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-058

Date: February, 2018

TECHNICAL

Subject: Diesel Exhaust Fluid Warning Level Message in DIC Will Not Update After Filling DEF Tank

Brand:	Model	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Cruze (Gen II - VIN B) (Hatchback Only)	2018	2018	—	—	1.6L — RPO LH7	Automatic Transmission 9T50 — RPO M3D

Involved Region or Country	United States, Canada and Mexico.
Condition	Some customers may comment that the Diesel Exhaust Fluid Warning Level message in the Driver Information Center will not update after filling the DEF Tank.
Cause	A software anomaly in the K115 Reductant Control Module may cause the DEF Level update to not occur after filling the DEF tank.
Correction	If you encounter a vehicle with the above condition, reprogram the K115 Reductant Control Module with the latest available software.

Service Procedure

Warning: Diesel Exhaust Fluid (DEF) is corrosive. Do not allow it to come in contact with your skin, eyes, or the finished surfaces of the vehicle. If exposed, it may cause skin and eye irritation. Wear skin and eye protection when handling. Inhalation may cause irritation to the upper respiratory tract. Store in a cool, well-ventilated area. For more safety and storage information, see the label of the Diesel Exhaust Fluid container.

Notice:

- The capacity of the Cruze Hatchback DEF tank is 3.3 gal (12.5 L). To prevent damage to the system, DO NOT overfill the DEF tank. When fluid reaches the top of the fill pipe, stop filling.
- Whenever adding DEF to an empty or a very low tank, always add at least 2 gal (7.6 L) of fluid to release the vehicle from speed limitation.
- To avoid vehicle speed limitations, the DEF tank should be refilled at the first opportunity after a DEF Warning Level message is displayed.
- If DEF is added under freezing conditions, additional time may be required to remove speed limitations and it may require less fluid to fill the DEF tank due to expansion. If the DEF

tank is refilled at temperatures colder than 12 ° F (–11 °C), the refilling event may not be detected by the system.

- A full DEF tank will last for approximately several thousand kilometers, depending on vehicle usage. As the DEF level drops, “various” DEF Warning Level messages will automatically be displayed in the DIC. The Diesel Exhaust Fluid level status is available on the DIC under the Vehicle Information menu.
 1. Verify that the DEF tank is full.
 2. Ignition ON.
 3. If the DEF tank is full or near full and the DEF Warning Level message will not clear, then Go to Step 4.

Important: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 SPS Programming Support Tool (GM Dealer Equipment Item #PSC-550) to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

4. Reprogram the K115 Reductant Control Module with the latest available software. Refer to *K115 Reductant Control Module: Programming and Setup* in SI. If not prompted by SPS during the reprogramming event, it may be necessary to perform a Reductant Fluid Tank Level reset using GDS2.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4086078*	K115 Reductant Control Module: Programming and Setup	0.3 hr
*This is a unique Labor Operation for Bulletin use only.		

Version Information

Version	1
Modified	Released February 22, 2018

