

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

Century Class Conventional
Argosy
Cargo
Columbia
122SD and Coronado

Business Class M2
Cascadia
108SD/114SD
> New Cascadia

Freightliner
Service Bulletin

General Information

Some New Cascadia vehicles with chassis fairings have remote-fill Diesel Exhaust Fluid (DEF) tanks, see [Fig. 1](#), which have new instructions to replace the remote fill hose and fitting. Proper torque value is critical, as the remote-fill fittings are plastic and can easily crack if overtightened. The gasket on the fill fitting is sensitive to improper installation, and can get pinched, resulting in a DEF leak.

Below is the procedure for proper tightening of the fill fitting and lubricating the gasket.

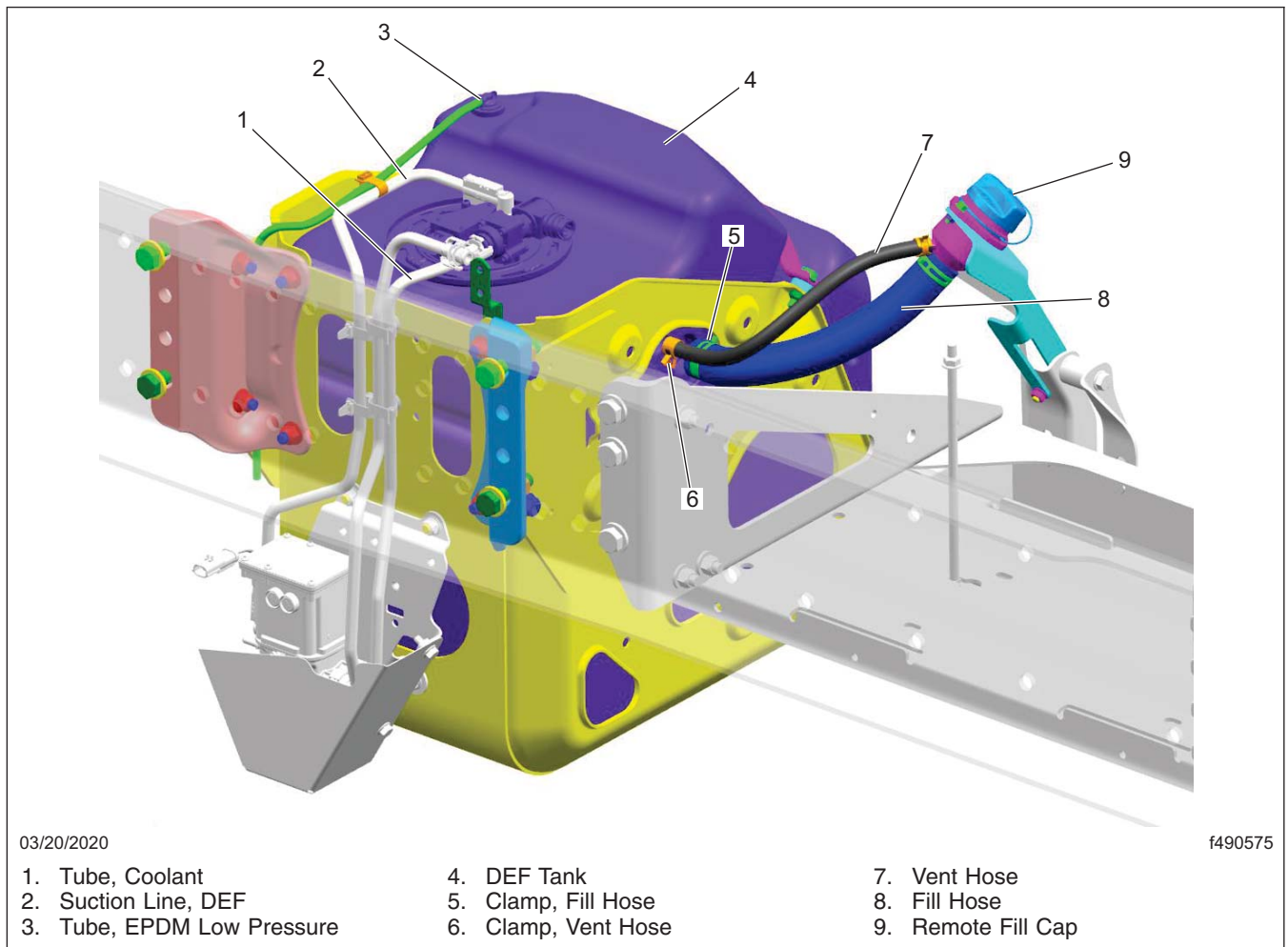


Fig. 1, DEF Tank Assembly

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Lubricating the Seal Ring and Installing the Fill and Vent Ports

NOTE: The fill port seal must be kept from rolling or getting pulled from its recess in the tank, as the fill port is installed.

1. Separate the seal ring from the fill fitting and coat it with P80 Emulsion, or equivalent rubber lubricant, and position it in the seal groove on the tank. See [Fig. 2](#).
2. Install the fill port and turn by hand until snug. Tighten the fill port 96 lbf·in (1085 N·cm).
3. Install the vent port and tighten 18 lbf·in (203 N·cm).
4. Connect the vent hose to the vent port and install the clamp.
5. Connect the fill hose to the fill port and install the clamp.

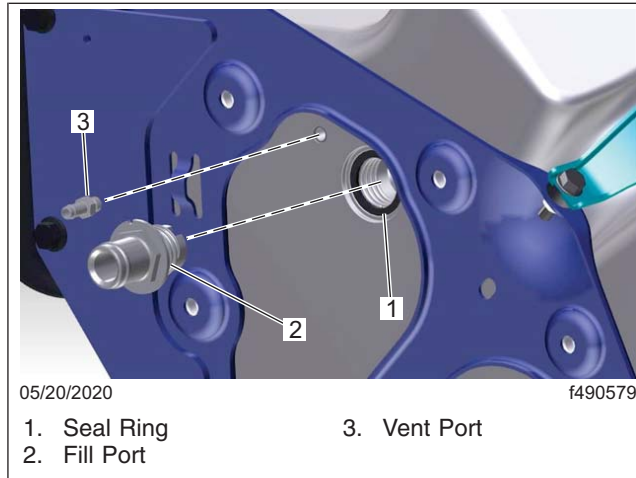


Fig. 2, Positioning the Seal Ring in the Seal Groove on the DEF Tank

Warranty

This is an informational bulletin only; warranty does not apply.