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DEF TANK VENT INSPECTION AND CORRECTION

It is recommended that all DCA400SI4F units be inspected and have the DEF TANK VENT hose installed. The generator can shutdown if the DEF TANK VENT hose is not properly venting to atmosphere.

Starting production S/N 392-1500 production additional vent hose is added.

The system on the DCA400SSI4F uses two 7.4 gallon tanks to provide a total of 14.8 gallons of DEF for operation. The primary tank is located on the right as viewed in the picture below. This is where the DEF level, temperature and quality sensors are connected.

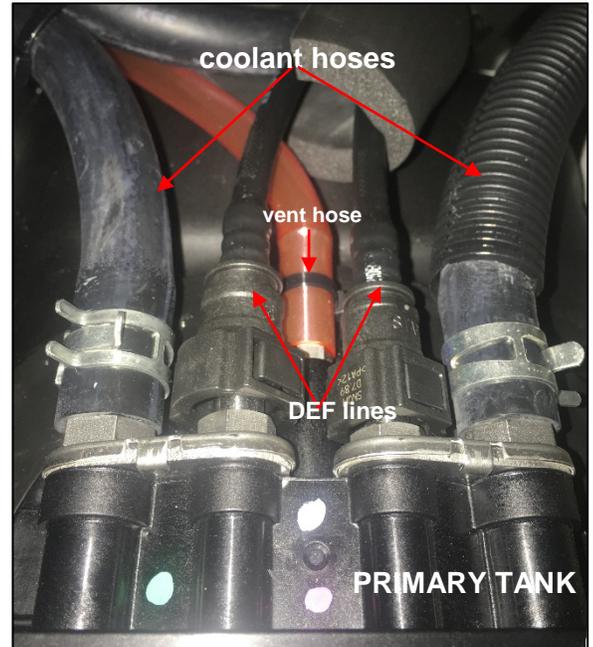
- Open the access door for the DEF tanks



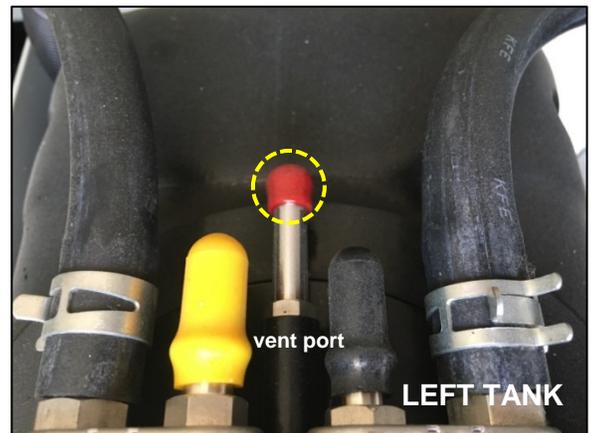
- Observe the red level indicator on each tank. Both DEF tanks levels should be equal.



- Check the primary (right) tank and inspect that all hoses are connected on each port.



- From the left DEF tank, inspect the vent port and check if a red vacuum cap is present. The cap should be removed and a new vent hose must be installed immediately.



- Obtain a vinyl hose locally HOSE SPEC: 5/16" ID, 7/16" OD, Length = 18" and install it over the vent port.
- Secure the vinyl hose with a zip tie.



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- Route the other side of the vinyl hose down the side of the tank as shown on this illustration.



- The added vent line will help prevent crystallization build up at the vent port as shown in this example.
- **NOTE:** Do not over fill the DEF tanks as it can lead to fluid in the vent port and form crystallization. Crystallization will block the vent line.

