



Number: FS-2014-02

Date: April 24, 2014

Model: All Buses With Aeroquip FC-300
Coolant Hoses

Approved:

Robert L. Birdwell, Executive Director
Quality Control & Field Service

Subject: Effects Of Coolant With O.A.T. On FC-300 Hoses

Eaton Aeroquip has recently determined that newer coolants containing OAT (organic acid technology), are not compatible with their FC300 hose material. Coolants containing OAT may lead to the breakdown of the inner liner of the FC300 hose possibly resulting in leaks, blockage of the hose or contamination of the cooling system.

Although OAT coolant was not originally provided by Gillig LLC in your buses, if the coolant has been changed to one containing OAT it is recommended that you replace all FC300 coolant hoses with FC186 hoses which have a Teflon inner tube construction and is approved by Eaton for all Ethylene Glycol, Propylene Glycol and Glycerin coolants including those with OAT.

The hoses which should be replaced are the deaeration hoses connecting to the surge tank and the coolant filter supply and return hoses. Refer to Section 1 in your parts manual to identify these hoses (examples are provided below for reference) and contact Gillig LLC parts department to determine appropriate replacement hoses. Silicone hoses are not affected by OAT and do not require replacement.

RLB:rlb

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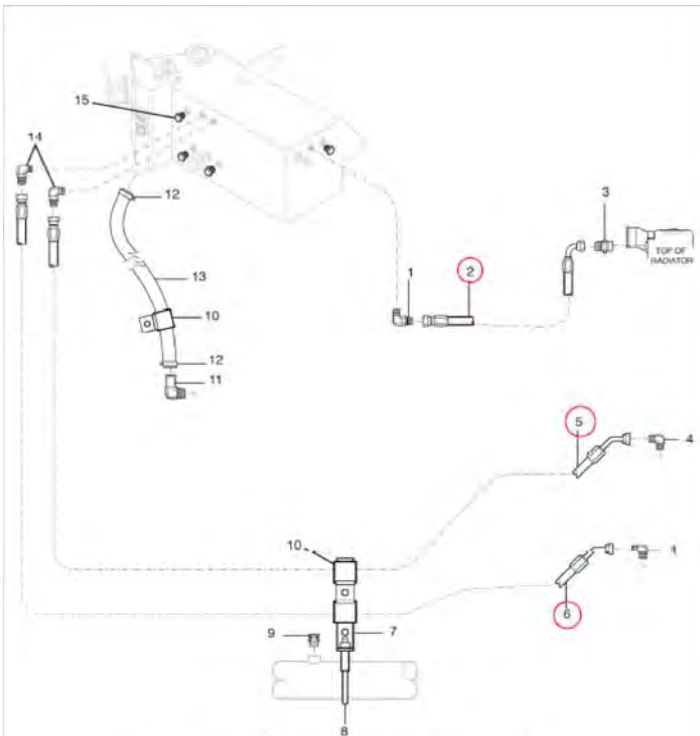


Figure 1: Engine Deaeration Hoses

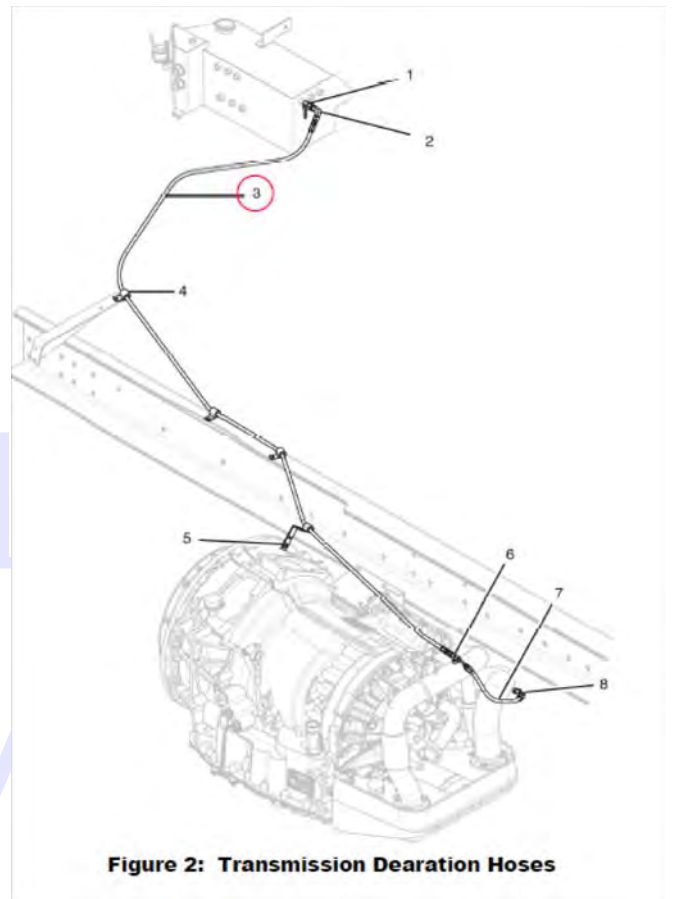


Figure 2: Transmission Deaeration Hoses

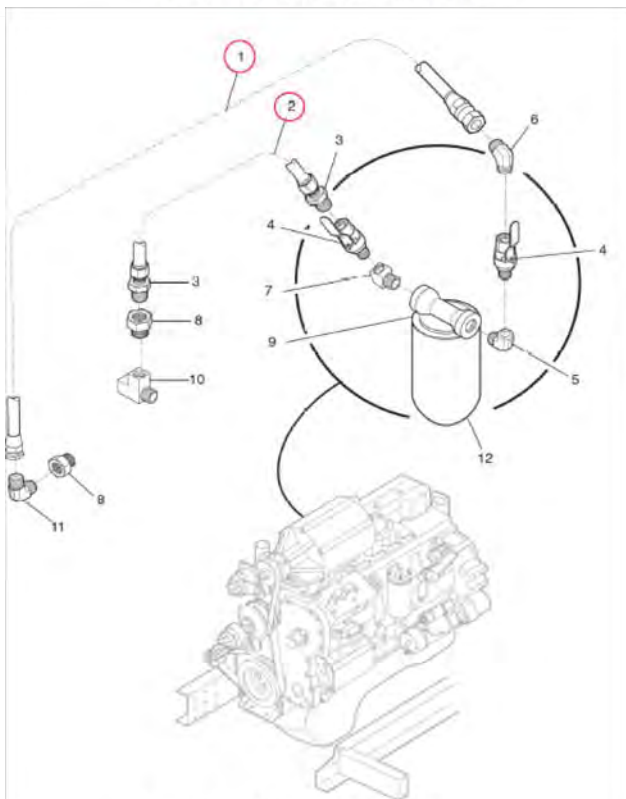


Figure 3: Coolant Filter Hoses

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