

WMATA: Diesel Emission Fluid (DEF) Coolant Hose

Clamp Addition



Prepared by: Kalman Takacs
Sr. Field Service Engineer

Approved by: Dan Allen
Chief Engineer of Manufacturing and Service Support

Property name and Top bus number: WMATA 325000, 325500



Issue: Add clamp to DEF coolant hose

Reason/ cause: Hose was rubbing.

Solution: Add clamp per this work instruction.

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Number of buses affected: 8002-8011

Estimate repair hours/bus: 30 minute

Engineering Documentation: N14-35968, 42H-1408-100

Necessary parts:

Item	Description	PN	Qty
1	Clamp, Hose, Silicone/SS, 3/4"ID	5001795	4
2	NUT, 1/4-20, HEX, NYLOCK	210420N	1
3	BOLT, 1/4-20x1, HEX, ZN, GR8	220420088	1
4	CLAMP, HOSE, SILICONE/SS, 7/8"ID	5002523	1
5	CLAMP, HOSE, SILICONE/SS, 1"ID	5002524	1
6	CLAMP, HOSE, SILICONE/SS, 1.25"ID	5002525	1
7	SCREW, #10-3/4, PANHD, SELFDRILL	700-8601-051	1

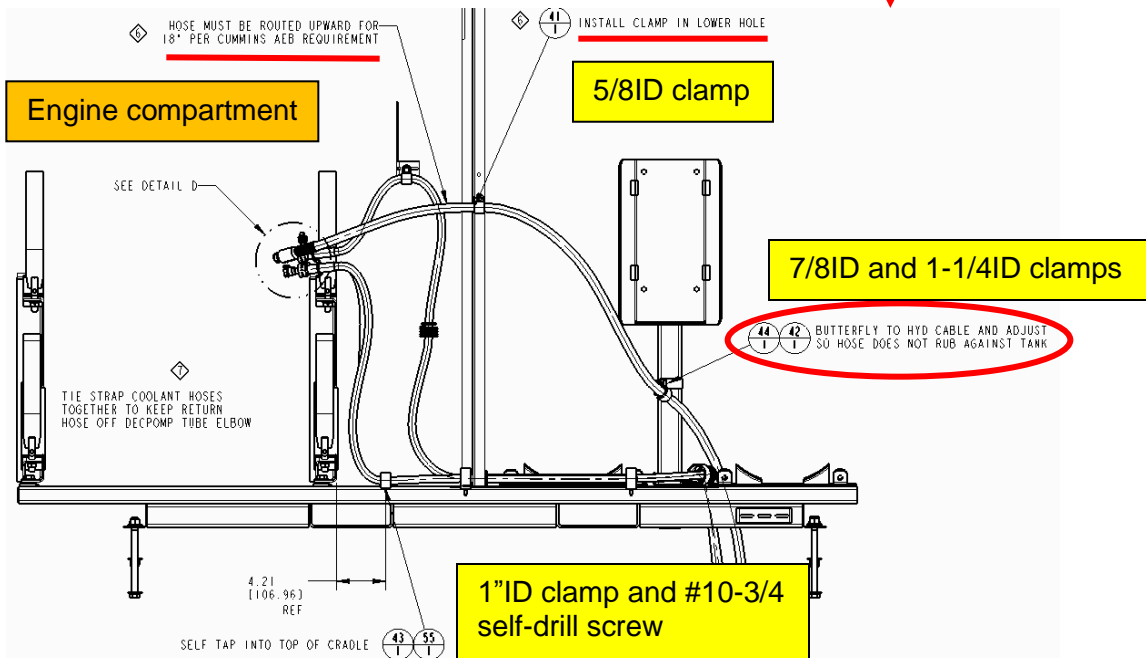
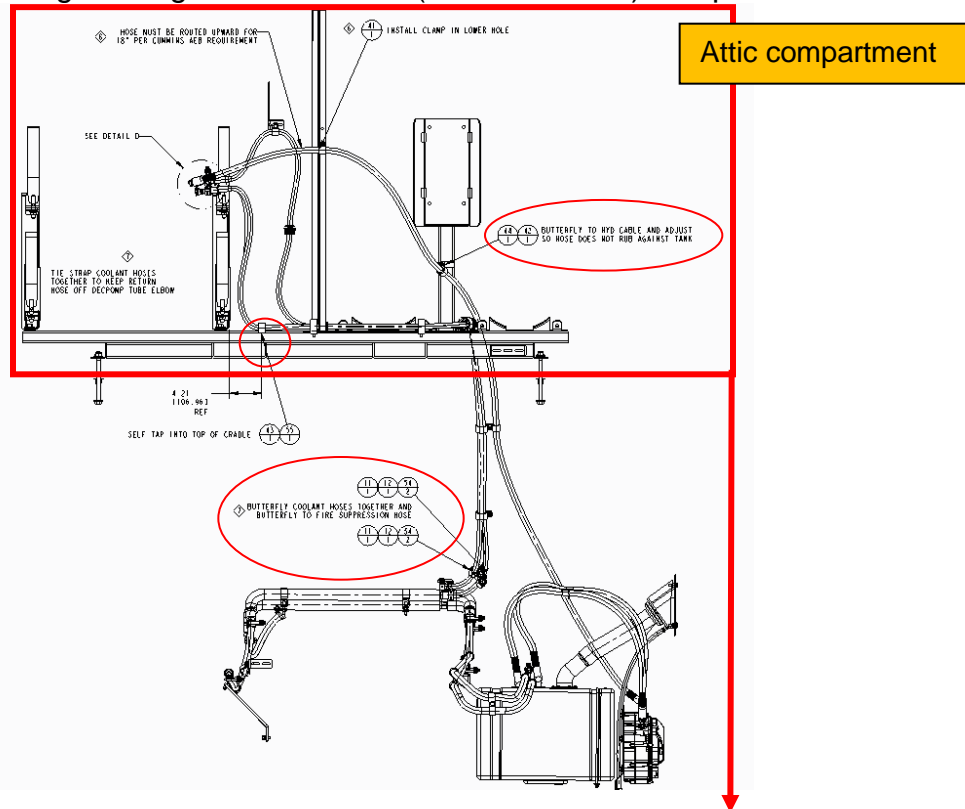
Necessary tools: 7/16 socket and wrench

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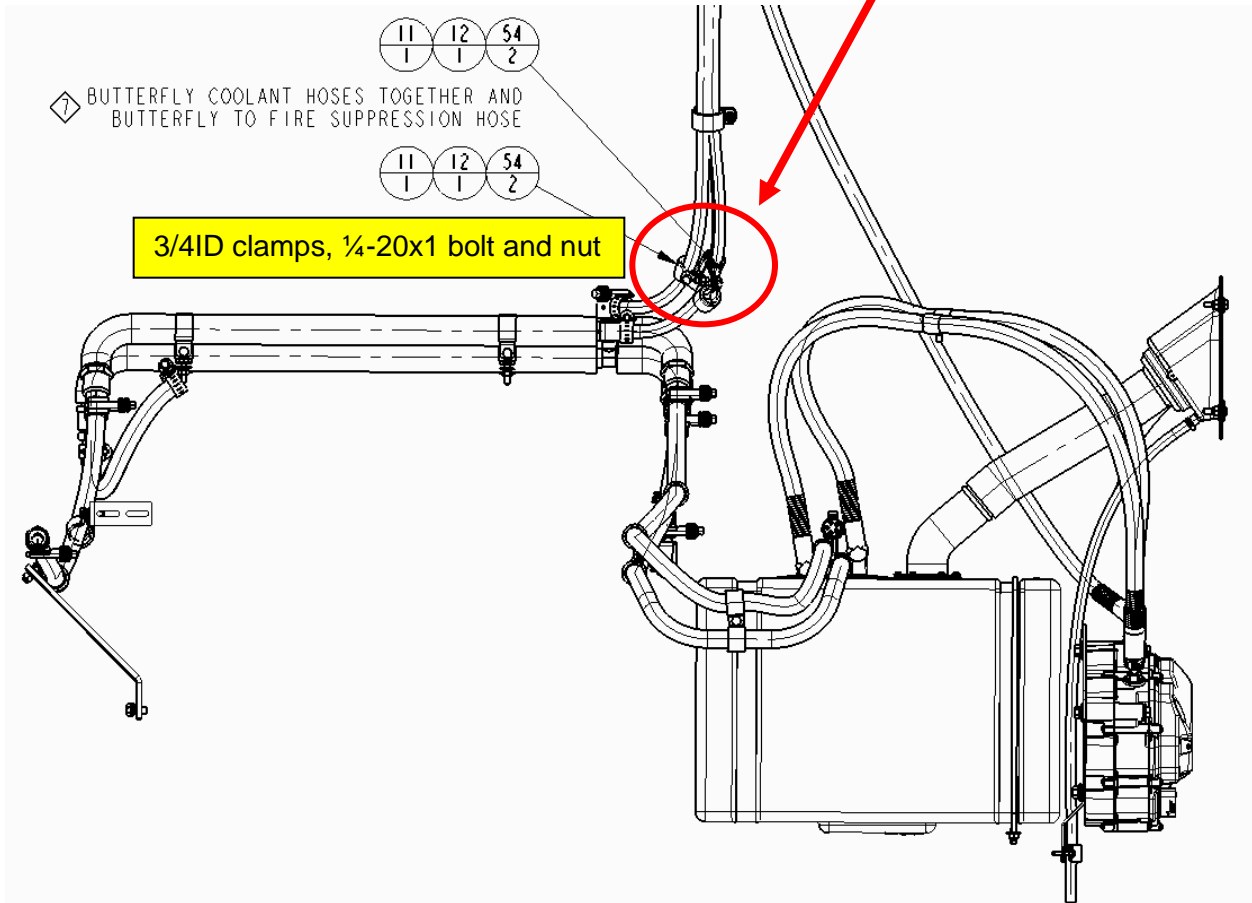
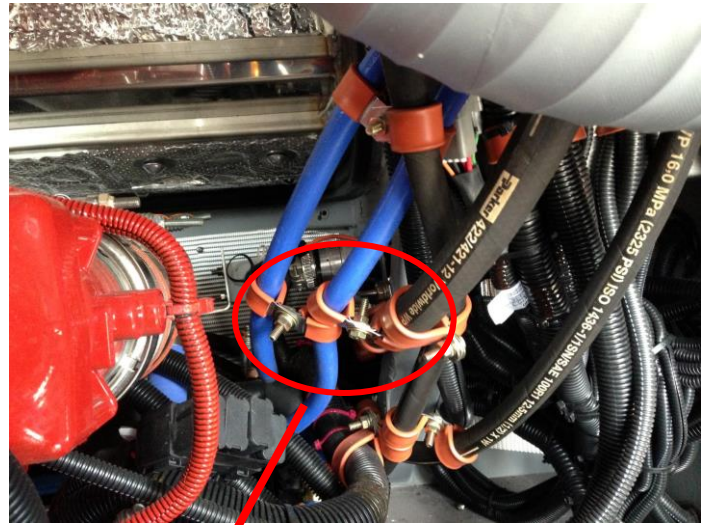
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1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. Open the rear attic compartment door and locate the coolant hoses of the DEF (see pictures below).
4. Install clamps per the engineering documentation (42H-1408-100) and photos below.



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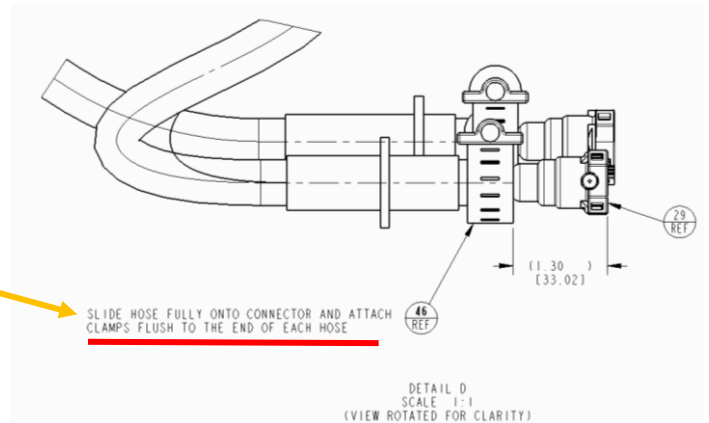
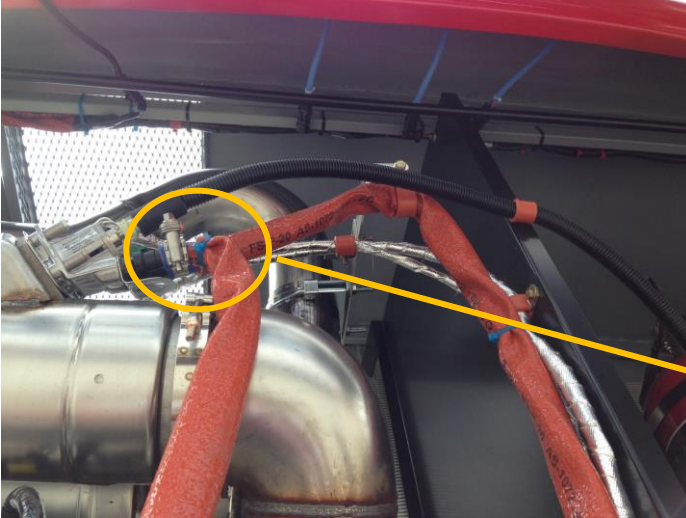


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5. Also inspect the clamps on the coolant hoses as photo and drawing show below.



6. Check for completeness of work.
7. Remove all tools from work area.
8. Turn the main battery disconnect switch on.
9. Record bus number, mileage, date of completion and the name of technician who completed the work.