

WMATA: Coolant Hose P-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: Rubbing coolant hose

Reason/ cause: No P-clamps installed at this section of the hose.

Solution: Add P-clamps per this work instruction.

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Number of buses affected: 8003-8011

Estimate repair hours/bus: 30 minute

Engineering Documentation: N14-36032, 42M-1375-200

Necessary parts:

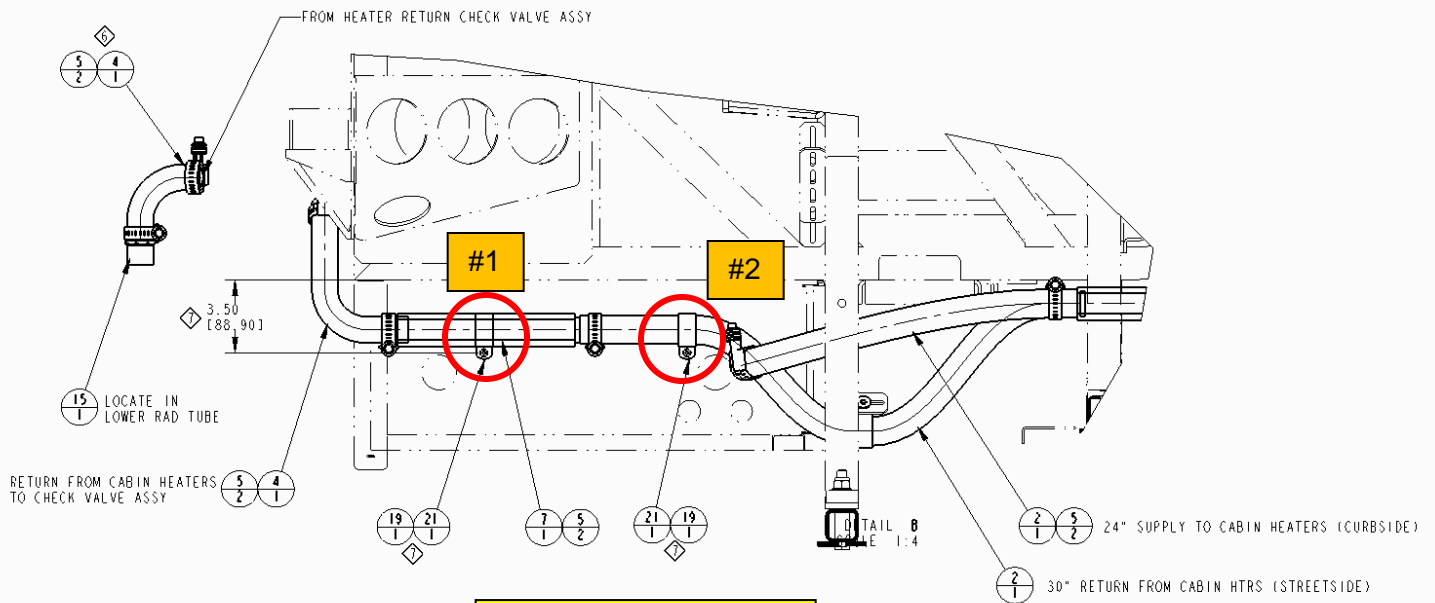
Item	Description	PN	Qty
1	SCREW, #10x3/4, SDS, PHCR, ZN	700-8601-051	2
2	CLAMP, HOSE, SILICONE/SS, 1 1/4ID	5002525	3

Necessary tools: 7/16" socket, and screw gun with PH bit

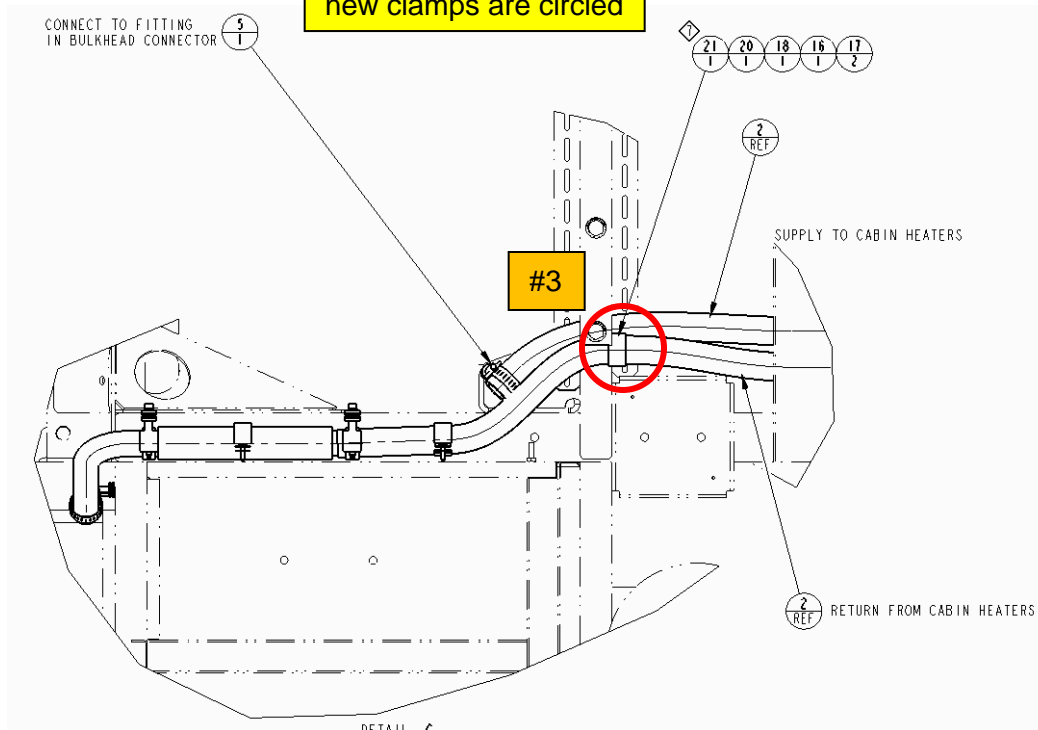
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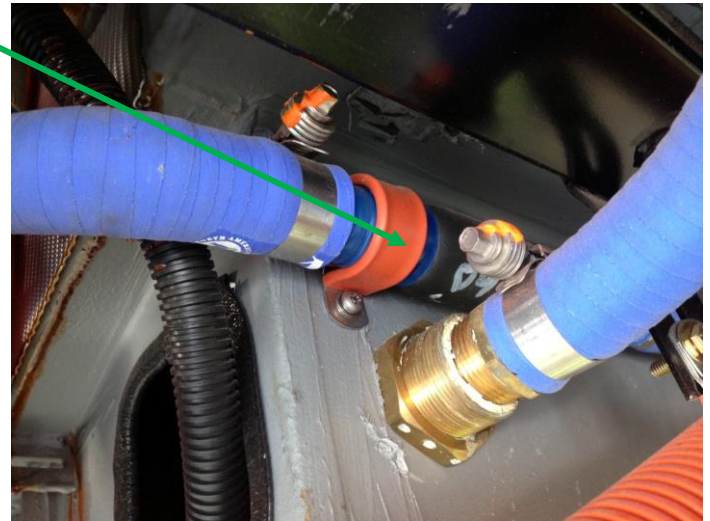
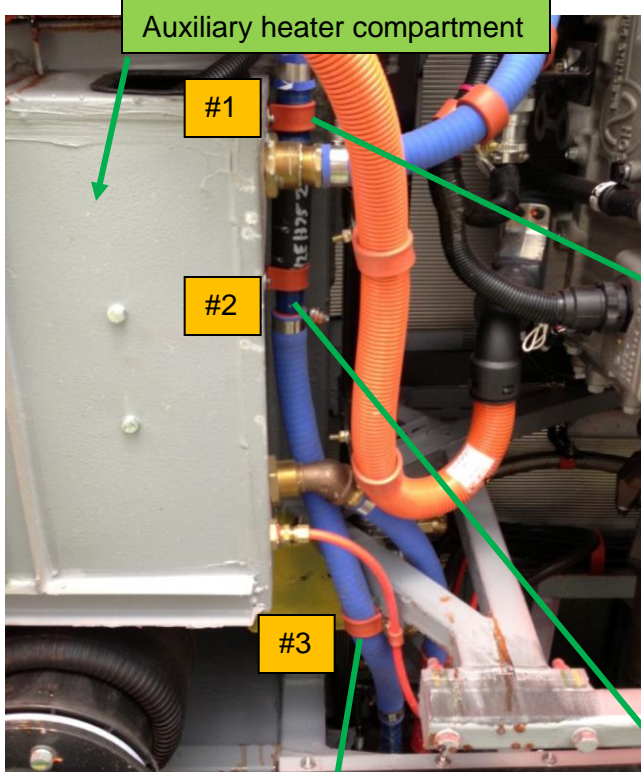
1. Park the bus over a service pit and apply the parking brake or lift the bus and place jack stands underneath the official jacking pads. Only trained personnel can operate bus lift. Follow safety instructions of NABI Maintenance Manual.
2. Locate the hose section behind the auxiliary heater compartment (in front of the radiator), see below.



Location of the three new clamps are circled



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3. Replace 1-3/8 ID clamp at #3 location with new 1-1/4 ID clamp. Use original mounting hardware. Replace hardware if required.
4. Position hose assembly per the dimension noted on the drawing (3.5").
5. Place #1 and #2 1-1/4 size clamps beside the end of the hoses as photos show.
6. Install clamps with #10x3/4 self-drilling screws.
7. Check for completeness of work. Ensure that hose assembly is secured and not rubbing.
8. Remove all tools and unused parts from work area.
9. Record bus number, mileage, date of completion and the name of technician who completed the work.