

Authorized Field Change

AFC G-07914

Date: December, 2007

Subject File: Engine

Subject: Plumbing at the Coolant Booster Pump

Model: RE Bus

Start Date: 05/10/2007 End Date: 08/27/2007

DESCRIPTION

The routing of coolant hoses at the auxiliary pump was reversed on some RE buses with 2007 emission engines built between 05/10/2007 and 08/27/2007, resulting in low coolant flow to the heaters and defrosters.

PARTS INFORMATION

Table 1

| Part number | Description | Quantity |
|-------------|---------------------|-----------|
| 2643493R1 | Coolant hose — bulk | As needed |

SERVICE PROCEDURE



WARNING – To prevent personal injury or death, shift transmission to park or neutral, set parking brake, and block wheels before doing diagnostic or service procedures.



WARNING – To prevent personal injury or death, make sure the engine has cooled before removing components.



WARNING – To prevent personal injury or death, do not let engine fluids stay on your skin. Clean skin and nails using hand cleaner and wash with soap and water. Wash or discard clothing and rags contaminated with engine fluids.

SERVICE PROCEDURE (CONT.)

Refer to Figure 1 for Steps 1 through 7.

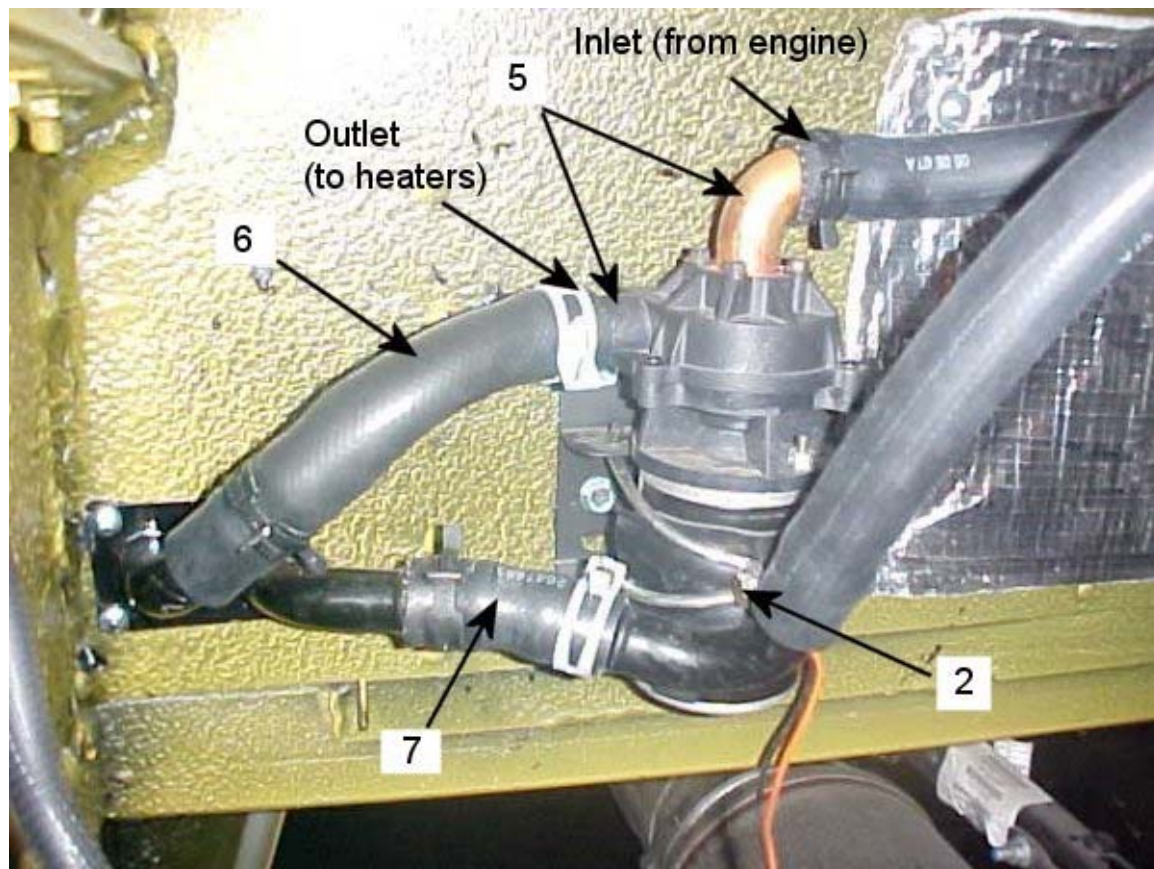


Figure 1

All hose ends are to be clamped as specified.

1. Inspect pump orientation. Refer to Figure 1 for correct position of inlet and outlet. If orientation is correct, end of procedure. If orientation is incorrect, proceed to Step 2.
2. Remove clamp screw and reinstall with excess threads to the right side for clearance (Item 2, Figure 1)
3. Close the heater shut off valves at engine.
4. Remove the two hoses from pump to shut off valves at engine.
5. While clamp is loose, rotate pump 180 degrees so inlet is right and outlet is left. Tighten clamp.
6. Using 9" of 2643493R1 bulk hose, connect pump outlet with left side heater circuit pipe at bulkhead.
7. Using 3" of 2643493R1 hose, connect right side heater circuit pipe at bulkhead.

SERVICE PROCEDURE (CONT.)

Refer to Figures 2 and 3 for Steps 8 and 9.

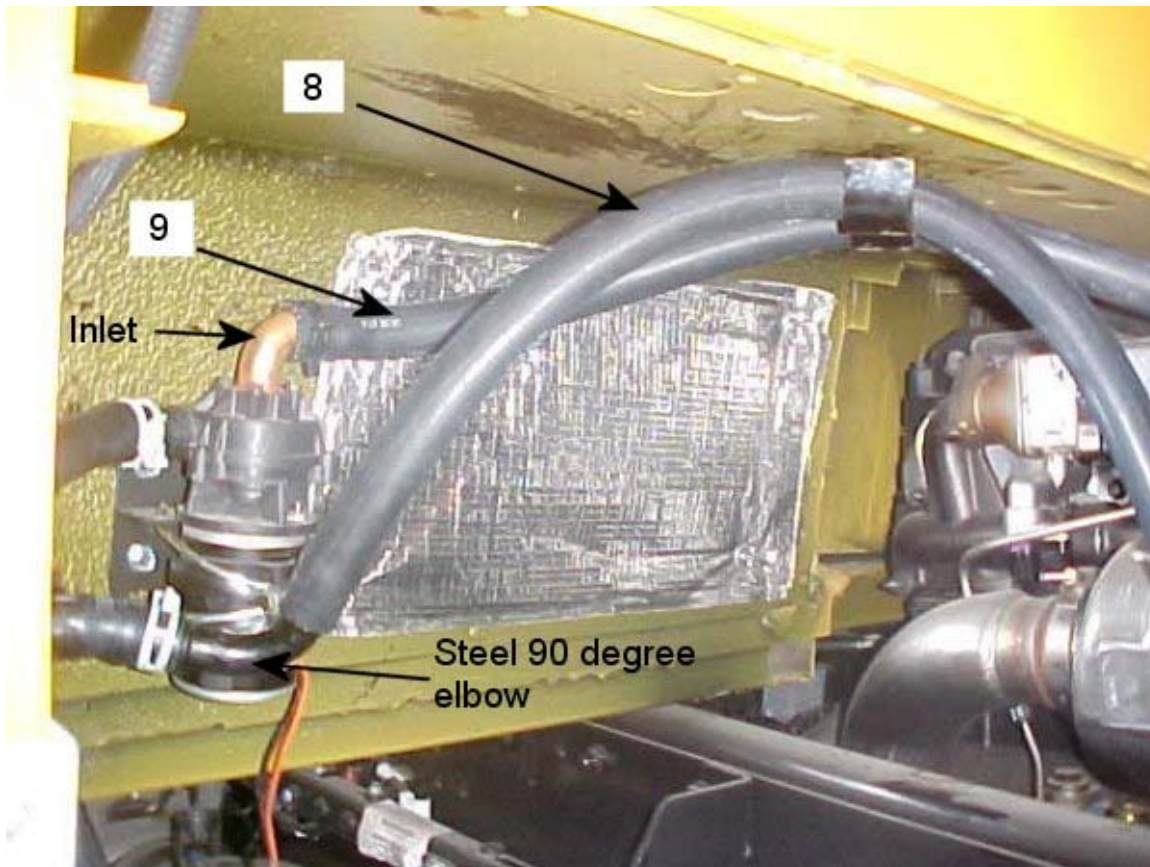


Figure 2

8. Using 35" of 2643493R1 bulk hose, connect steel 90 degree elbow to lower heater shut off valve.
9. Using 31" of 2643493R1 bulk hose, connect booster pump inlet to upper heater shut off valve.
10. Open the heater shut off.

SERVICE PROCEDURE (CONT.)



Figure 3



Figure 4

Operation number must appear on all claims.

Table 2 Labor Information

| Operation No. | Description | Time |
|---------------|--------------|---------|
| A40-07914-1 | Inspect only | 0.2 Hr. |
| A40-07914-2 | Replace | 0.6 Hr. |

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-07914

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-07914 activity must be submitted by December 31, 2008 or within the normal warranty period for the vehicle, if after December 31, 2008.

| GROUP | NOUN | C | WARR. | TP | PAD |
|-----------------------|------------------|---|------------------------------------|--|---------------|
| GROUP Enter number G— | NOUN Leave blank | C (CAUSE) Enter either 1, 2, 3. (see below) | WARRANTY (Warranty Code) Enter 40. | TYPE PART Enter P for type part causing failure. | PAD Enter 100 |
| | | 1. Inspected (No repair required). | | | |
| | | 2. Inspected and repaired. | | | |
| | | 3. Defective part from parts stock. | | | |

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