

Warranty Bulletin

95-06

Date: **February 1995**
 Section: **22**
 Subject: **Preheating System's Bypass Valve**
 Application:

Models	VINs
H3-40, H3-41 and H3-45 vehicles equipped with a preheating system	2P9H33408R1001376, 2P9H33406R1001005, 2P9H33412S1001100, 2P9H33414S1001101, 2P9H33416S1001102, 2P9H33418S1001103, 2P9V33499S1001104, 2P9H33499S1001116, 2P9H33495S1001128, 2P9H33493S1001130, 2P9H33495S1001131, 2P9H33414S1001132, 2P9H33499S1001133, 2P9H33490S1001134, 2P9H33494S1001136, 2P9H33496S1001137, 2P9H33415S1001138, 2P9H3349XS1001139, 2P9H33496S1001140, 2P9H33415S1001141, 2P9H3349XS1001142, 2P9H33491S1001143, 2P9H33495S1001145, 2P9H33497S1001146, 2P9H33416S1001147, 2P9H3341XS1001149, 2P9H33499S1001150, 2P9H33496S1001154

DESCRIPTION

On the above mentioned vehicles, it is possible that an error has occurred on the assembly line regarding the preheating system's bypass valve. This valve may have been installed in the wrong direction, causing the preheating system to operate erratically. Consequently, we recommend that you verify the direction of the valve, and that you perform this bulletin in the case of a wrong installation.

MATERIAL

No specific material is required.

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery master switch to the OFF position prior to working on the vehicle.

In evaporator compartment, verify that the arrows under the preheating system's bypass valve point to your right (valve should be like on figure 1). Otherwise, you should perform the changes in accordance with the following procedure.

Warning: Allow coolant to cool down prior to performing this task. The sudden release of pressure from a hot system can result in loss of coolant and possible injury.

1. Locate panel at bottom of L.H. rear electrical compartment. Take it out by removing the 6 phillips head screws.

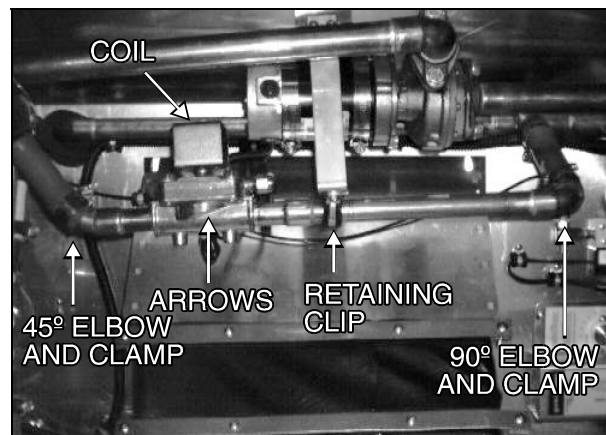


Figure 1

2. In same compartment, locate red shut-off valve over the preheating system. Close this valve (clockwise).
3. In the evaporator compartment, remove screw located on top of bypass valve, then remove coil and let it hang by its electrical wire.
4. Remove retaining clip holding valve assembly. Loosen the two hose clamps and take out the valve assembly.

Note: It is normal that a small quantity of coolant drains out. Use a suitable container to recover it, in order to refill the surge tank at the end of the procedure.

5. Remove the four hexagonal head screws retaining valve cover, then completely disassemble valve (refer to figure 2).

Caution: It is important that all parts be removed from the body of the valve in order to protect them against heat.

6. Heat the solders with a blowtorch, and, when solders are molten, remove pipe from valve body (refer to figure 3 for identification of solders).
7. Thoroughly clean solder residus with a metal brush; heat as necessary to make cleaning easy.
8. Reinstall the bypass valve in the proper direction (arrows under the valve should be directed towards 90° elbow). Apply soldering paste on the surfaces and insert pipes in the valve body.
9. Redo soldering with tin, then use an air jet to clean interior of pipes.
10. Reassemble valve (refer to figure 2).
11. Reinstall valve assembly by inserting pipe elbows in hoses. Tighten hose clamps and reinstall retaining clip, securing valve assembly.
12. Reinstall coil using screw located on top of valve.
13. Open shut-off valve (counterclockwise) located over preheating system. Reinstall panel using its existing 6 phillips head screws.
14. Refill surge tank using recovered coolant and top-off if necessary.

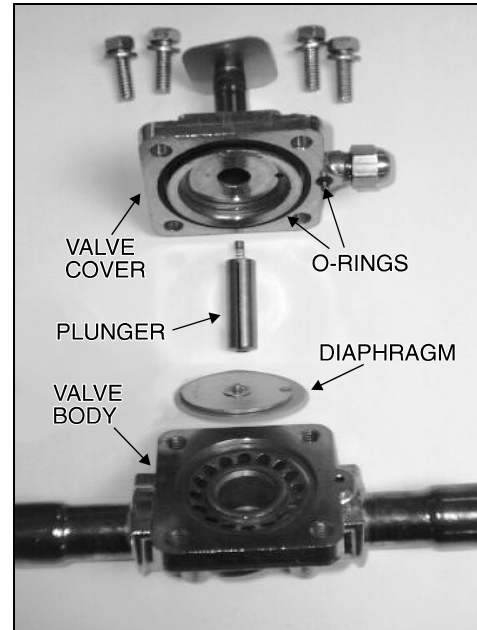


Figure 2

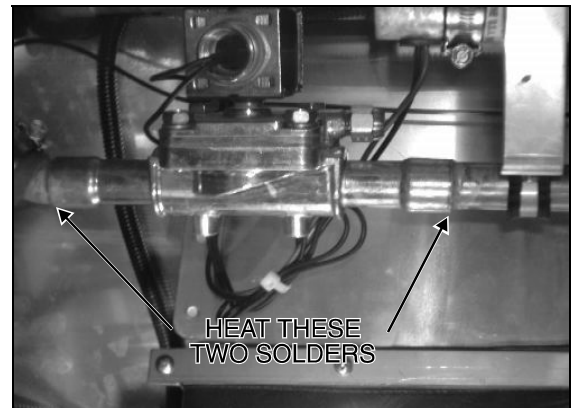


Figure 3

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you one & one half hour (1.5) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 95-06".

Expiration date: February 1996