

Constellation
Heritage
> 4700 Models

> 4800 Models
> 4900 Models
5700 Models

5900 Models
> 6900 Models

Western Star
Service Bulletin

Some Western Star 4700, 4800, 4900, and 6900 models are experiencing excessive HVAC blower motor noise. To remedy this, replace the blower motor using Red Dot service kit RHD RD3 7054 4.

Blower Motor Replacement

Refer to [Fig. 1](#) for this procedure.

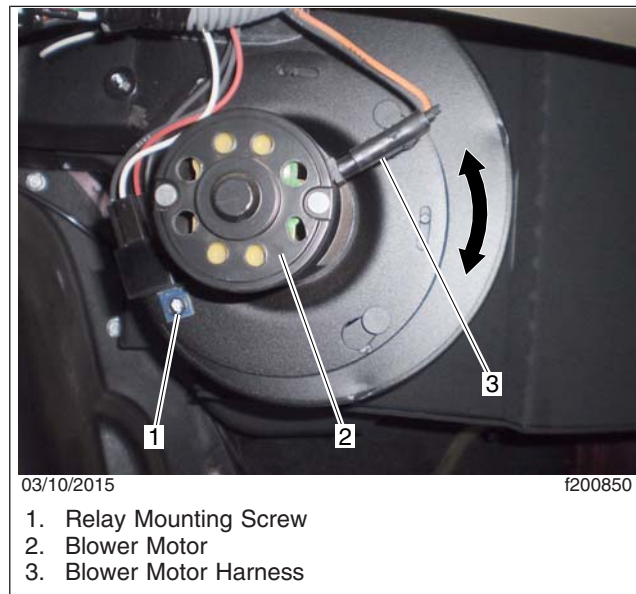


Fig. 1, HVAC Blower Installation

1. Park the vehicle on a level surface, shut down the engine, and set the parking brakes. Chock the tires.
2. Remove the HVAC cover under the right-hand side of the dash.
3. Disconnect the wire harness from the blower motor.
4. Remove the relay mounting screw.
5. Rotate the blower assembly counterclockwise, then remove the assembly.
6. Insert the new blower assembly, and rotate it clockwise into position.
7. Install the relay and screw.
8. Connect the wire harness to the blower motor.
9. Check the blower operation.
10. Install the HVAC cover.

Parts

Parts are available through the PDC.

Red Dot service kit RHD RD3 7054 4 has been created to convert those HVAC blower motors to the improved Unimotor. See [Table 1](#) for the kit contents.

Service Kit RHD RD3 7054 4 Contents	
Part Number	Description
RDH RD5 14192 0	Motor
RDH RD3 3901 1	Mounting Plate
ABP N83 302051	Blower Wheel
ABP N83 301079	Gasket

Table 1, Service Kit RHD RD3 7054 4 Contents

Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

Normal warranty applies. See [Table 2](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
ABP N83 301771	001-001-082	12	700-5036A	FRONT, BLOWER MOTOR HVAC, R&R	0.3

Table 2, OWL VMRS Codes and Labor Allowance