

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

> Century Class Conventional
Argosy COE
Cargo
Columbia

> Coronado
Business Class M2
Cascadia
108SD/114SD

**Freightliner
Service Bulletin**

General Information

Some right-hand drive Century Class and Coronado vehicles have diminished A/C performance due to the heater valve being plumbed incorrectly. If the heater core feels warm with the heater off, check the plumbing on the heater valve. The valve should be plumbed as shown in [Fig. 1](#). If the valve is plumbed as shown in [Fig. 2](#) replace the hoses with the ones listed in [Table 1](#) and route them as shown in [Fig. 1](#).

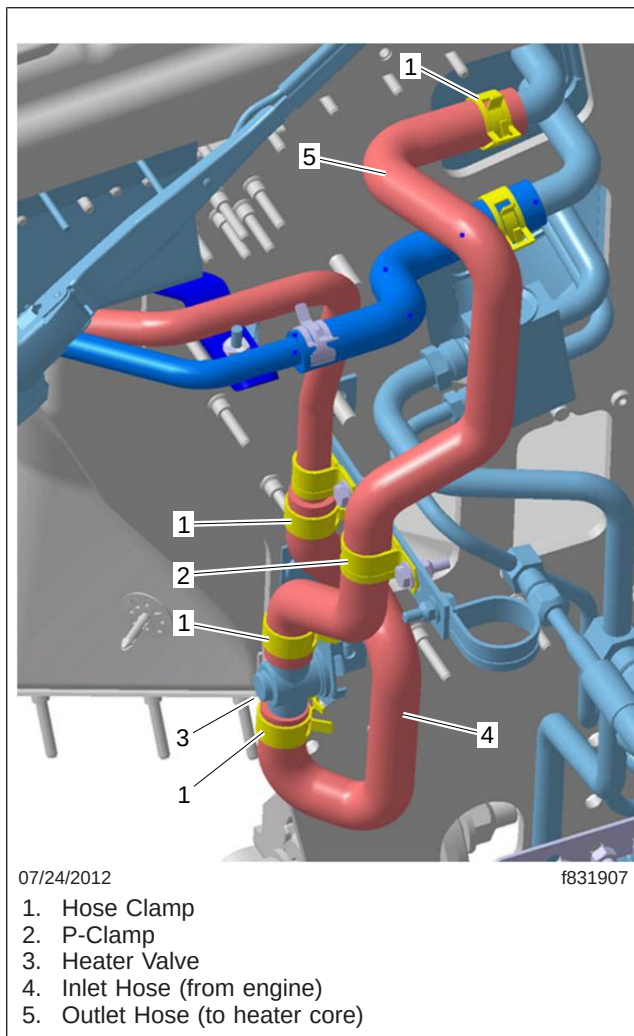


Fig. 1, Correct Heater Valve Plumbing

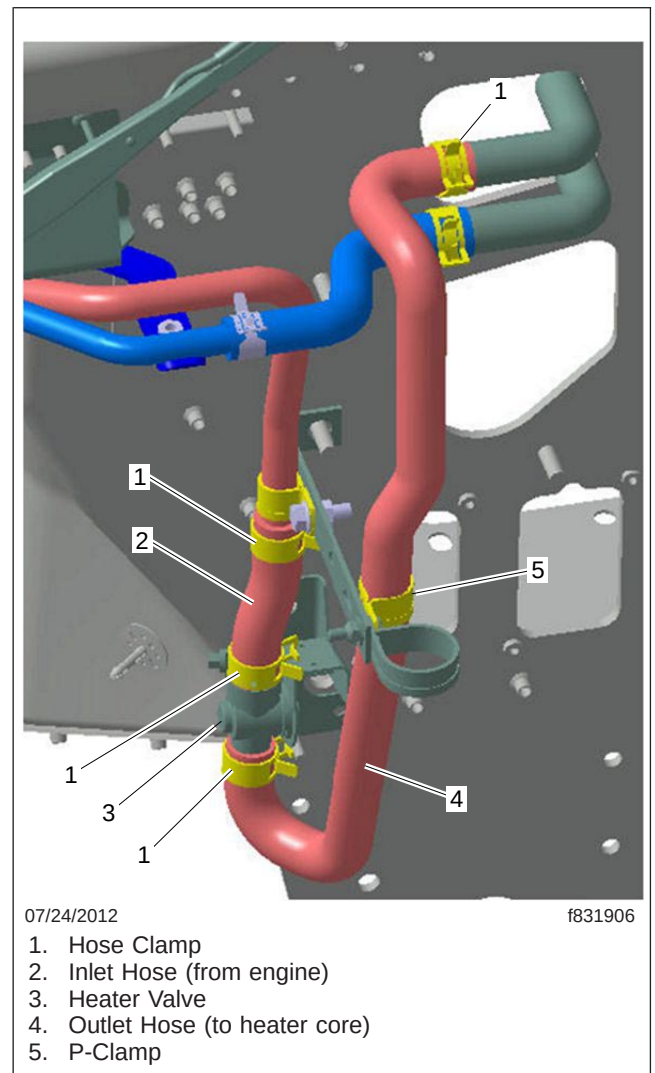


Fig. 2, Incorrect Heater Valve Plumbing

Hose Replacement

1. Park the vehicle on a level surface, shut down the engine and set the parking brakes. Chock the tires.

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Do not attempt to drain the cooling system until the coolant and engine are cool. Draining the cooling system prior to system cooling could cause severe personal injury due to scalding.

2. Allow the engine to cool before working on the cooling system.
3. Using hose pinch pliers, pinch off both heater hoses close to the engine block connections on the right side of the engine.
4. Remove the P-clamps as needed.
5. Remove the old hoses. See [Fig. 2](#).
6. Install the new hoses. See [Fig. 1](#).
7. Install the P-clamps. See [Fig. 1](#).
8. Remove the pinch pliers from the heater hoses.
9. Start the engine and check for leaks.
10. Check the coolant level. Add coolant if needed.

Parts

Parts are available through the PDC. See [Table 1](#) for replacement hoses.

Replacement Hoses		
Description	Current Part	Replace with Part
Hose	48-25122-075	05-30788-000
Hose	05-29664-000	05-30567-000

Table 1, Replacement Hoses

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 QuickClaim damage code and labor allowance information. Refer to this service bulletin by number at the beginning of the claim comments. See [Table 3](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
170-001A05940	170-5010A	Heater valve, incorrect plumbing, change coolant flow	0.9

Table 2, QuickClaim Damage Code and Labor Allowance

Heater Valve Incorrect Plumbing

83-151

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OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
05-29664-000 48-25122-075	001-002-099	28	170-5010A	Heater valve, incorrect plumbing, change coolant flow	0.9

Table 3, OWL VMRS Codes and Labor Allowance