

FLA COE
FLB COE
> FLD Conventional
Business Class

FLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo

> Columbia
> Coronado
> Business Class M2
> Cascadia

Freightliner
Service Bulletin

General Information

Improved H01 and H02 lines have been introduced for EPA07 MBE4000 engine installations in vehicles manufactured prior to 8/17/09. The new lines supersede all old ones. If either the H01 or H02 line fails, both lines must be replaced at the same time.

A new routing bracket and hardware are required to upgrade to the new lines. [Figure 1](#) shows the bracket installation. [Table 1](#) lists the routing bracket information.

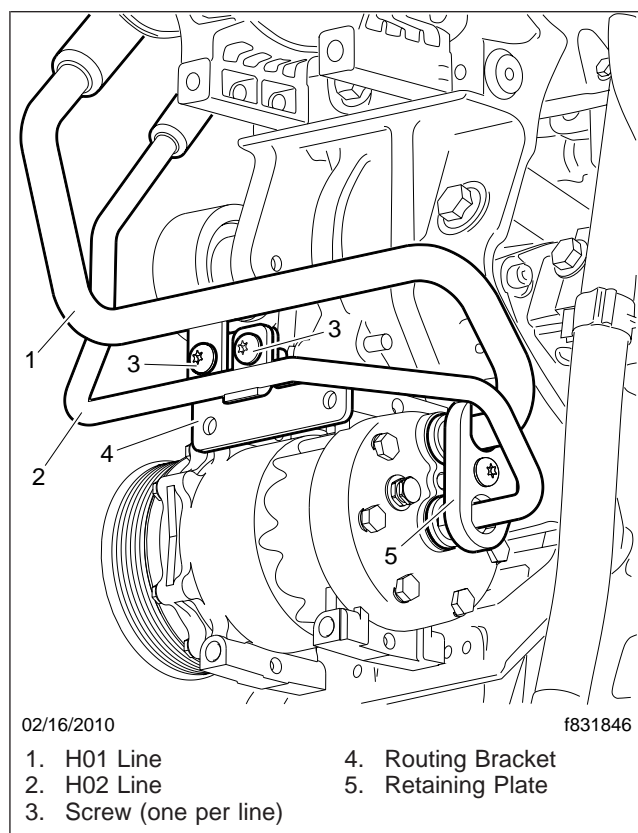


Fig. 1, Bracket Installation

Line Replacement

NOTE: If you have an FLD built prior to 8/17/09, you will also need to follow the parts update information in Service Bulletin 83-133 to fit the matching H03 refrigerant line when replacing the H02 line. The line has been redesigned to add a flexible hose section between the condenser and receiver-drier.

1. Remove the original lines.
2. Install the new bracket on the compressor mounting bosses, as shown in [Fig. 1](#). Tighten the fasteners 15 to 19 lbf-ft (21 to 26 N·m).

NOTE: If you are replacing the H01 line, but not the H04 line, the retaining plate on the H04 line may need to be modified.

**Freightliner
Service Bulletin**FLA COE
FLB COE
> FLD Conventional
Business ClassFLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo> Columbia
> Coronado
> Business Class M2
> Cascadia

3. Check the fit of the H01 line in the retaining plate on the H04 line. See [Fig. 2](#). If it fits properly, no modification is needed. If it does not fit, modify the retaining plate as described in "H04 Line Retaining Plate Modification" below.
4. Using new Mini Stat-O-Seals, install the new line(s). Use the same support clamps, where possible. Tighten the retaining plate fastener finger tight only at this time.
5. Fasten the lines to the new routing bracket and all other mounting points. Tighten the fasteners finger tight only at this time.
6. Tighten the retaining plate fastener first, then all of the line mounting bolts, 11 to 15 lbf·ft (15 to 20 N·m).
7. Replace the receiver-drier if the vehicle arrives with 0 psi refrigerant gauge pressure. For instructions, see **Group 83** of the vehicle workshop manual.
8. Balance the system oil level, evacuate, charge and leak check the refrigerant system. For instructions, see **Group 83** of the vehicle workshop manual.

H04 Line Retaining Plate Modification

1. Remove the H04 line, and cap or plug all the open line ends and component ports.
2. Place the retaining plate in a vice.

NOTICE

Do not take too much material off of the retaining plate. Make sure that material is removed equally around the radius. Improper modification of the part may cause the line to seat incorrectly leading to a leak in the A/C system.

3. Using a suitable tool, enlarge the radius of the part of the retaining plate that surrounds the H01 line end by 0.039 inch (1mm). See [Fig. 3](#). This is approximately the same as the chamfered edge on the inside radius of the retaining plate.
4. It must be centered to form a proper seal when installed.

Parts

Parts are available through the PDC. [Table 1](#) lists the mounting bracket information.

FLA COE
FLB COE
> FLD Conventional
Business Class

FLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo

> Columbia
> Coronado
> Business Class M2
> Cascadia

Freightliner Service Bulletin

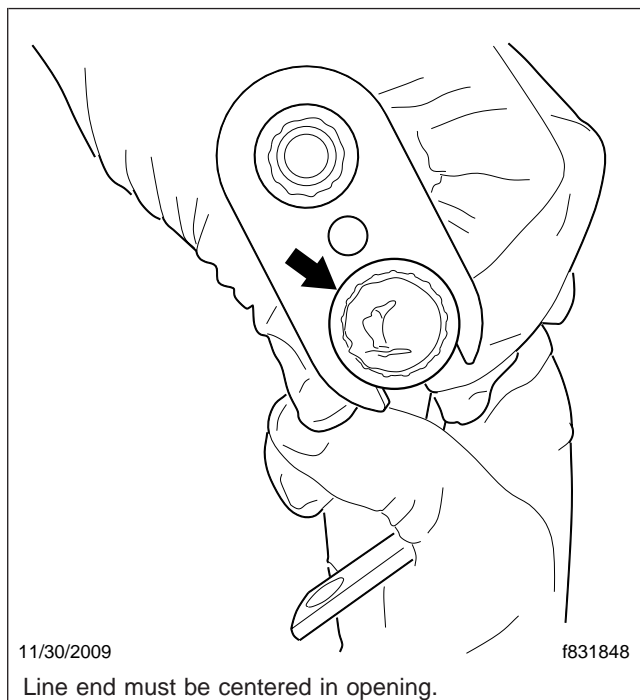


Fig. 2, Checking the Fit

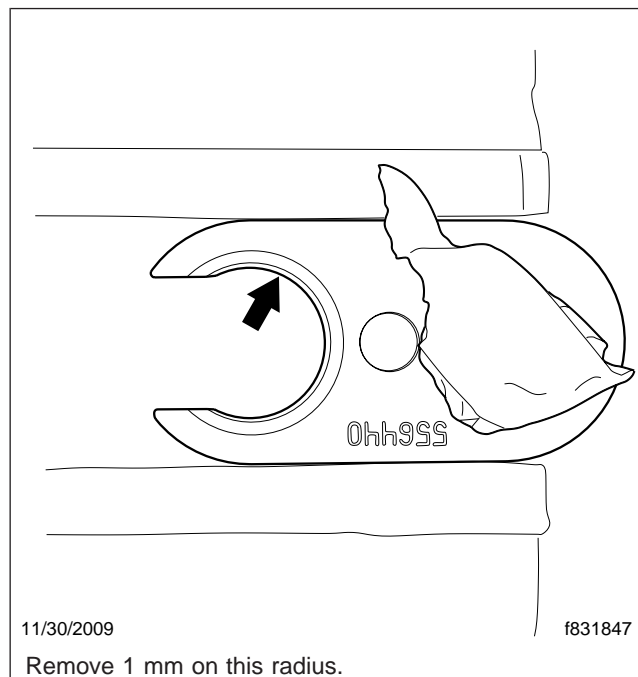


Fig. 3, Retaining Plate Modification

Routing Bracket and Hardware	
Description	Part Number
Routing Bracket (compressor mounted)	A22-65691-000
M8 X 25 mm Screw	23-12639-725

Table 1, Routing Bracket and Hardware

Warranty

Normal warranty applies. See [Table 2](#) or [Table 3](#) for damage code and labor allowance information, and refer to this bulletin by number in the story of the claim.

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
700-001722130	702-5010A	Lines, Refrigerant, up to 3, R/R	1.1
700-001722130	702-5010B	Line, Refrigerant, H04, Modify	0.2

Table 2, QuickClaim Damage Code and Labor Allowance

OWL VMRS Codes and Labor Allowance				
Component Code	Cause Code	SRT Code	Description	Time: Hours
001-001-285	12	702-5010A	Lines, Refrigerant, up to 3, R/R	1.1

**Freightliner
Service Bulletin**FLA COE
FLB COE
> FLD Conventional
Business ClassFLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo> Columbia
> Coronado
> Business Class M2
> Cascadia

OWL VMRS Codes and Labor Allowance				
Component Code	Cause Code	SRT Code	Description	Time: Hours
001-001-285	12	702-5010B	Line, Refrigerant, H04, Modify	0.2

Table 3, OWL VMRS Codes and Labor Allowance