



Service Bulletin

01-071

Section

01 - HVAC

Description

The Evaporator Core May Crack in Models 579/567 Vehicles Built With a Cummins ISX-15 Engine.

Release Date

11/22/2019

Introduction

Peterbilt has determined in certain Models 579 and 567 vehicles manufactured with a Cummins ISX-15 engine built before 11/05/2018 the evaporator core may crack. An improved suction line has been released to alleviate the stress that may cause a cracked evaporator core.

Resolution

Fix As Fail

If a customer comes into your dealership and demonstrates the condition above, install the updated suction line(s) in addition to replacing the evaporator core. See the procedure below for updated routing of the updated suction line.

Non-related Air Conditioning system repairs are not covered by this bulletin.

Warranty

Through standard warranty Peterbilt will pay for parts at dealer net plus applicable mark up and labor:

- 2.4 hours labor to replace the evaporator suction line and evaporator core on Day-cab or sleeper configuration and file a long form claim and reference 01-071 in the "CCC" field.
- If the chassis requires either the F50-1780-200 or the F50-1780-100 line, file a long form claim for the line.
- File a long form claim for additional Air Conditioning repairs associated with this bulletin.

Take Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

--	--

For Field...	Enter...
Failure Location	001-001-147
Failure Type	700
Claim Type	N
Campaign Number	01071
SRT 001-026	A/C Freon Recharging, Flush, and Leak Test (cab and/or sleeper) 1.0 hrs.
SRT 001-061	AC Refrigerant Lines (any) - R & R Does not include recharge 0.5 hrs.
SRT 001-404	Cab HVAC Evaporator Core Cover 0.4 hrs.
SRT 001-405	Cab HVAC Evaporator w/TXV (Does not include refrigerant evacuation and recharge) 0.5 hrs.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1*	F50-2188-140	Suction line (replaces F50-1870-0450 or F50-1664-0482) use for 2° engines only
1*	F50-2188-141	Suction line (replaces F50-1870-0450 or F50-1664-0482) use for 4° engines only
1*	F50-2039-100	Replaces F50-1780-100 on Sleeper trucks
1*	F50-2039-200	Replaces F50-1780-200 on Day-cab trucks
2	22-01150-012	P-clamps, cushioned
1	W2078001	Evaporator Core
Up to 5oz	Sanden SP-15 PAG Refrigerant oil	Source locally
52 oz for Day Cab	R134A	Source locally
64 oz for Sleeper		

* Refer to the part description to determine the part applicability for a specific vehicle.

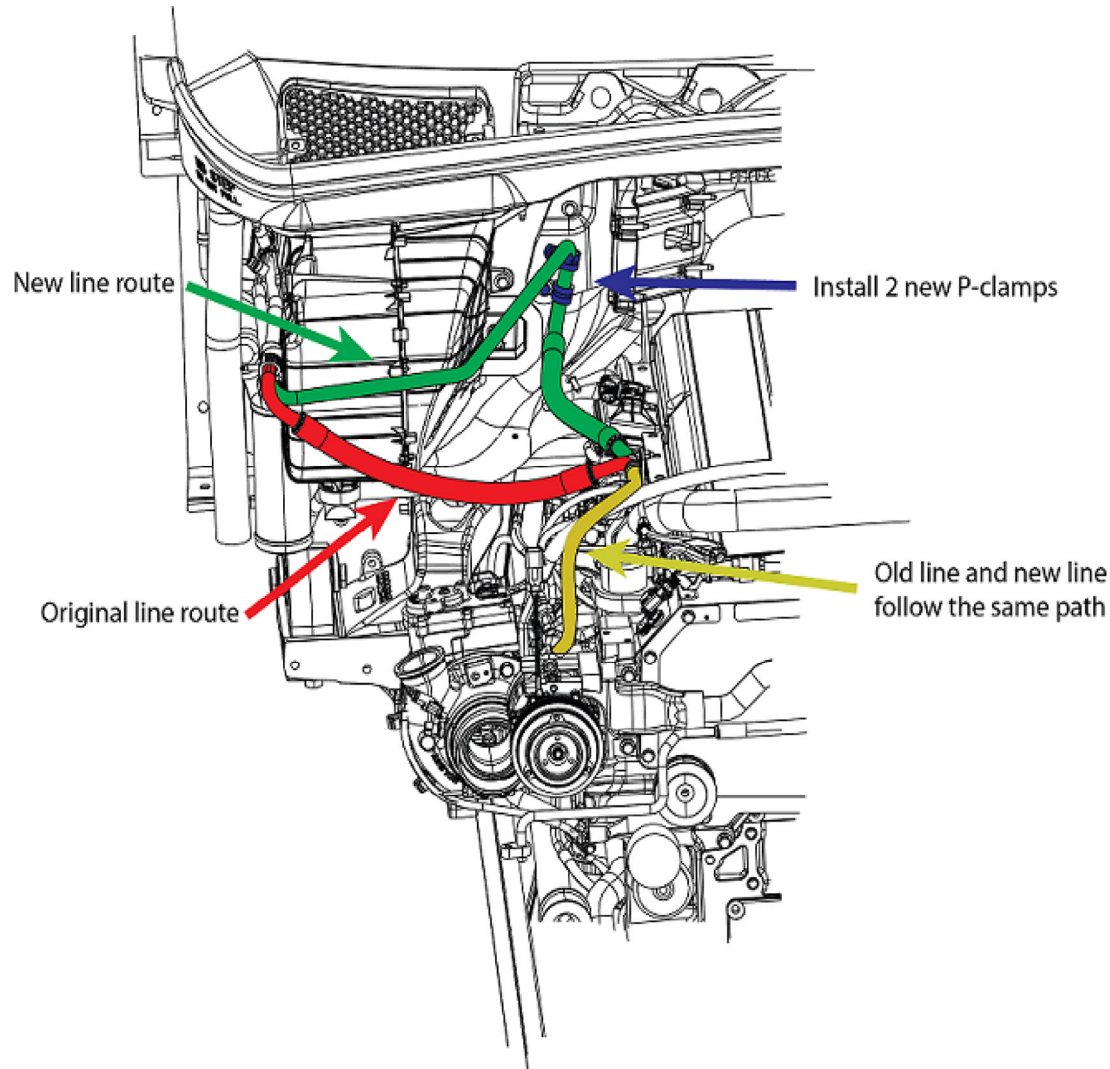
Procedure

- Remove refrigerant from the system and check for leaks.
 - If leaks are coming from components other than the evaporator core and/or lines included in this bulletin, and the vehicle is no longer covered on warranty, repair/replacement of those components is not covered by this bulletin.
- Install the appropriate new lines for the chassis.

- The intermediate line located between the suction line and the evaporator core **MUST** be replaced if the old style (F50-1780) intermediate line is present.
- The updated suction line (F50-2188) is secured to the plenum with two p-clamps and the existing bolts. Refer to the routing diagram below for updated routing.

3. Recharge the system and confirm correct functionality.

Line routing diagram



Authored by: DKH

Access to PACCAR's Enterprise Portal is provided as a benefit of doing business with PACCAR. All applications and content accessed through this system are confidential and proprietary and the property of PACCAR Inc and its suppliers, and must be kept strictly confidential pursuant to the contract licensing such access. Disclosure, publication, release or distribution of any material found on PACCAR systems to any person other than employees with a need to know such information is strictly prohibited. All activity on this system is monitored. If PACCAR suspects or discovers any unauthorized activity, access may be immediately terminated without prior notification. Violators may be subject to legal action.

© Copyright 2019 PACCAR Inc. All rights reserved. We welcome your [feedback](#) on this page. For technical questions or concerns about this page, please contact the [DealerNet Webmaster](#).