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Title: A/C Condensers for LT and RH Part Number Update

Applies To: LT and RH

Change Log

Please refer to the change log text box below for recent changes to this article:

12/14/2017 - Added additional information for identifying differences between condensers
 11/28/2017 - Updated Service Parts Information to reflect new condenser comes with 4 isolators
 11/27/2017 - Initial Article Release

Description

This document will show the user the difference between original production and new A/C Condensers for LT and RH vehicles.

Symptoms

- A/C Inoperative due to refrigerant leaking from A/C Condenser

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
N/A	N/A

Customer Observations or Concerns:

- A/C does not blow cold

Special Tools / Software

Tool Description	Tool Number	Comments
Robinair A/C Machine	34988	Or Equivalent

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
CONDENSER, LEFT NON HX AND HV	2518753C91	1	This P/N replaces 2516098C91 *New condenser will come with 4 isolators installed
SEAL, C- PLATE 1/2"	3543881C1	2	
RING, "O" SEAL TAN 10 25/32" X 2 5/8"	3543727C1	2	

ISOLATORS, CONDENSERS QTY 1	2517307C91	0	*Isolators will come with the new condenser
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NOTE:

Isolators can be ordered as a separate service part if required.

Diagnostic Steps

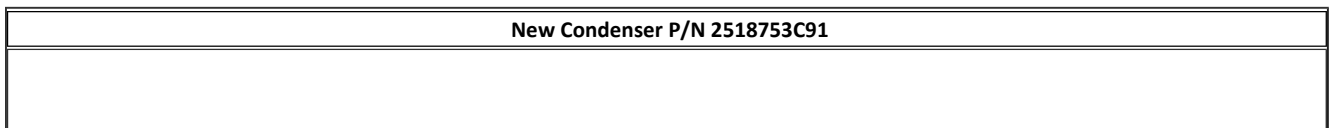
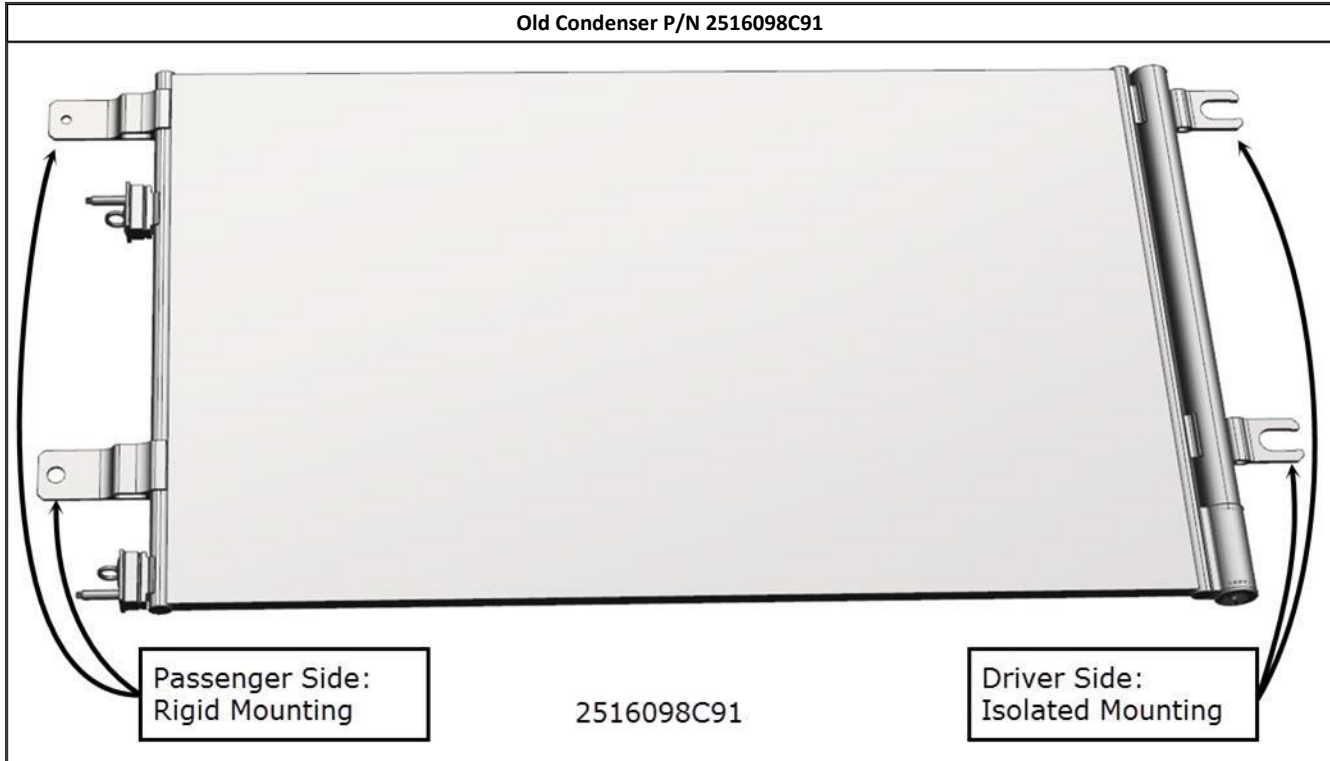
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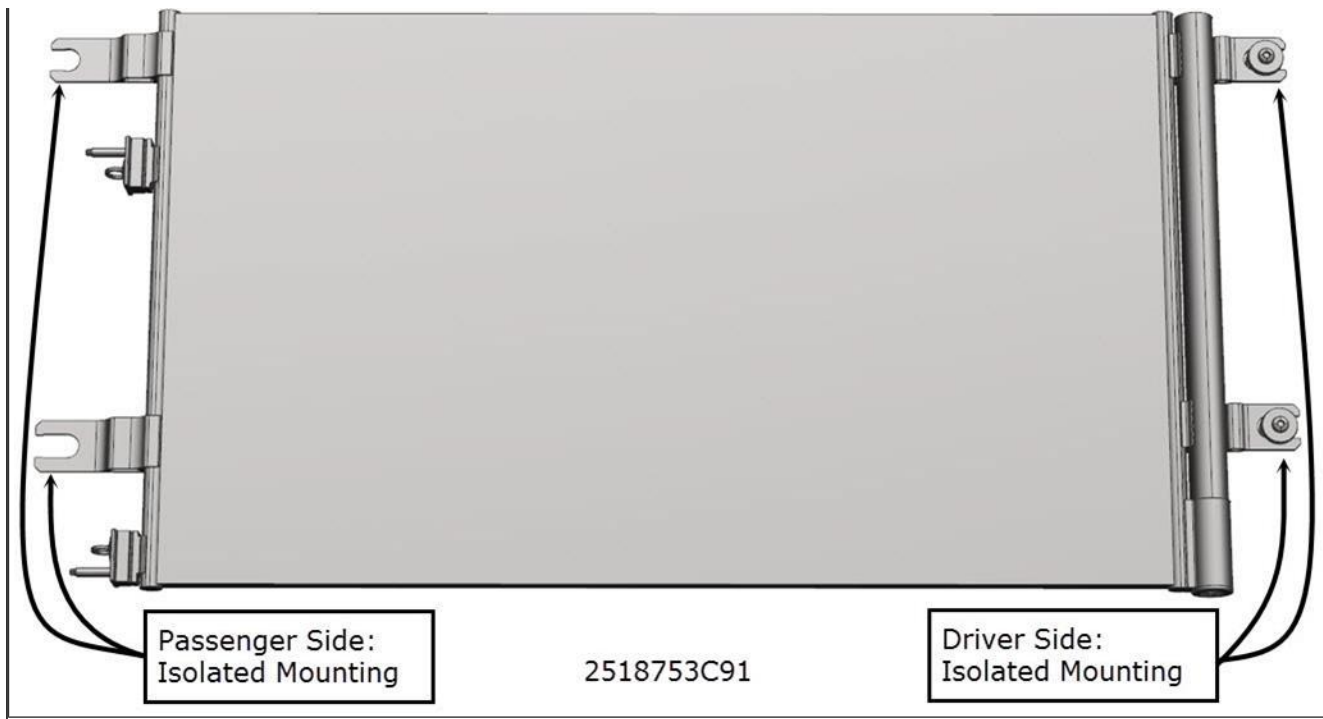
Repair Steps

HVAC System Torque Chart		
C-Plate Nuts	168 - 180 lbf-in.	(19 - 20 N·m)
Pressure Transducer	60 - 120 lbf-in.	(7 - 14 N·m)
Low Pressure Switch	60 - 120 lbf-in.	(7 - 14 N·m)
Receiver Drier Dirt Cover Cap	2 lbf-in.	(0.23 N·m)
Lock Plate Screws	80 - 90 lbf-in.	(9 - 10 N·m)
Expansion Valve Screws	35 - 38 lbf-in.	(4 - 4.3 N·m)
Blower Assembly Screws	20 lbf-in.	(5.7 N·m)
Evaporator Cover Screws	20 lbf-in.	(5.7 N·m)
Compressor Mounting Bolts	204 - 252 lbf-in.	(23 - 29 N·m)
Door Actuator Screws	20 lbf-in.	(5.7 N·m)

For A/C Condenser replacement instructions refer to the 2017 - 2020 LT / RH Technician Manual - [0000885380](#)

Condenser P/N 2516098C91 has been replaced with P/N 2518753C91, see images below:





NOTE:

*4 isolators will come with the new condenser

NOTE:

The New Condenser can also be identified by the number of microchannels in the tubes

Identify Microchannels on Condenser

1. Microchannels can be seen on the top or bottom tube of the condenser

- The top and bottom tube are not functional

Original Condenser - 18 Microchannels

**NOTE:**

- A small number of production vehicles had 4 isolators with the 18 Microchannel design (Built between 10/17/2017 and 11/08/2017)
- 4 Isolators with 18 Microchannels was never available as a service part

New Condenser 2518753C91 - 8 Microchannels**NOTE:**

The New Condenser 2518753C91 is the only available service part

Warranty Information**Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

Other Resources

[Master Service Information Site](#)



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