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	Coding Information						
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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:

10/11/2018 - Added clean dates
 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.

Clean date: Added Slots and Isolators to Passenger Side Condenser Mounts Implemented: 10/17/2017

Clean Date: Added Condenser w/.3mm tubes & 3003 material Implemented 11/01/2017

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

NOTE:

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

Diagnostic Steps

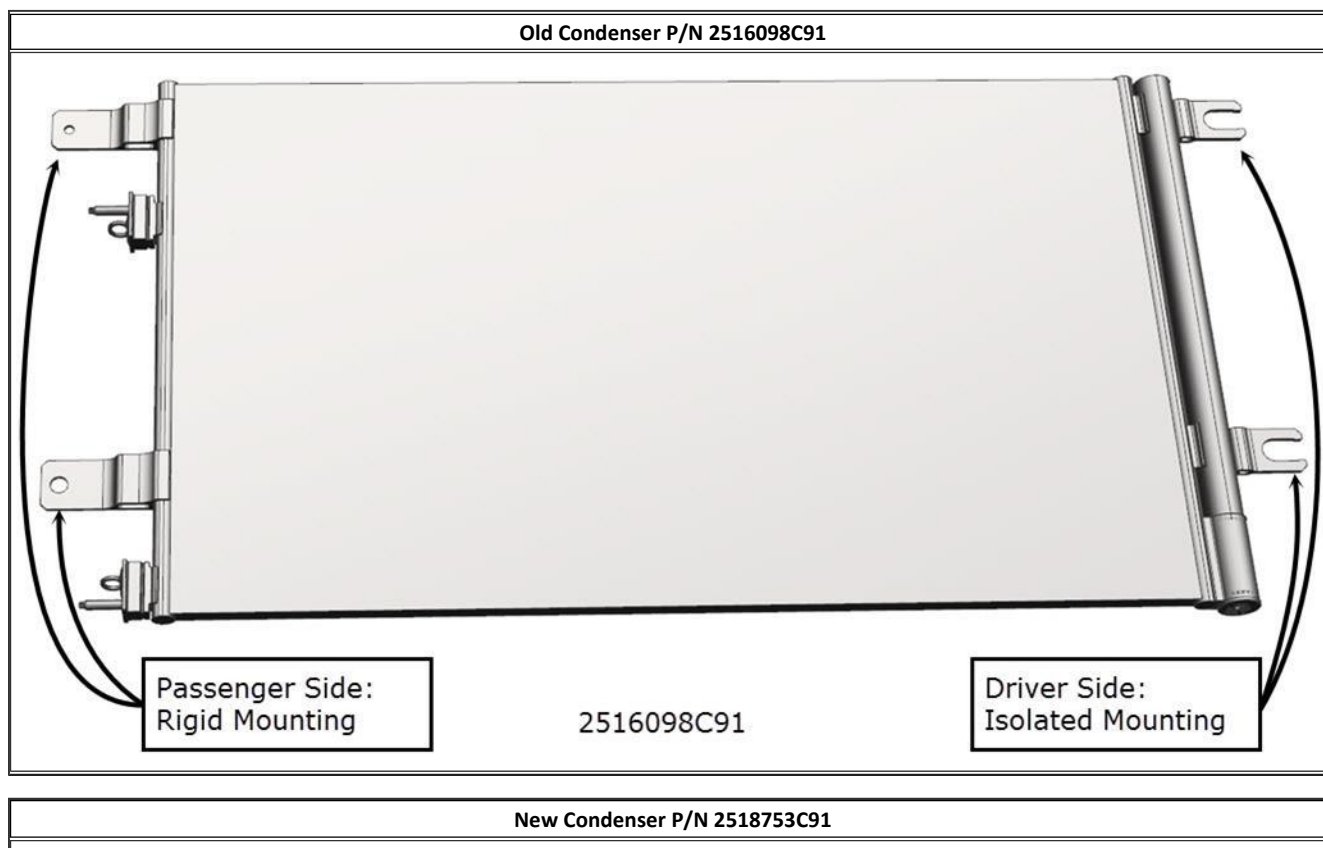
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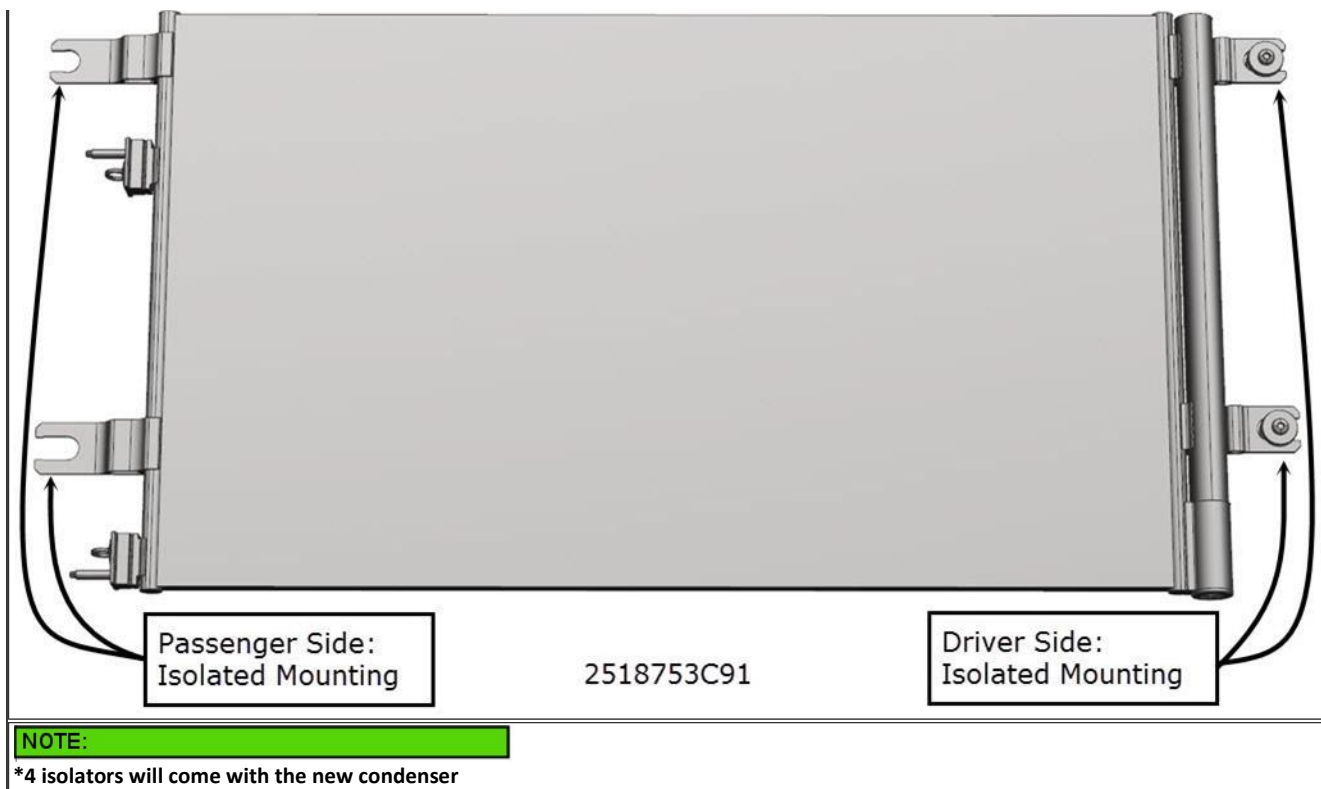
Repair Steps

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



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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