



# Service Bulletin

File in Section: -

Bulletin No.: 18-NA-156

Date: August, 2018

## TECHNICAL

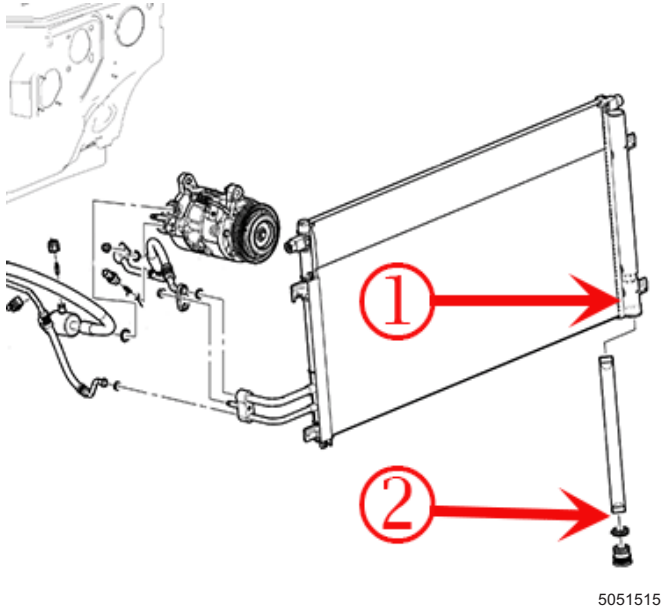
**Subject: A/C Inoperative and/or Insufficient Cooling**

**This bulletin replaces PIT5614. Please discard PIT5614.**

Brand:	Model:	Model Year:		Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2017	2018	Built Between August 01, 2017 - August 01, 2018		All	All
Chevrolet	Silverado Suburban Tahoe			Plant Location: Silao, Mexico Arlington, USA			
GMC	Sierra Yukon Models			Fort Wayne, USA (Only if equipped with Enhanced Towing RPO NHT)			

<b>Involved Region or Country</b>	North America and NA Export vehicles
<b>Condition</b>	Some customers may comment on the air conditioning inoperative and/or insufficient cooling.
<b>Cause</b>	Leaking seal(s) only at the Receiver/Dehydrator plug. As illustrated in the following photos, none have been found at the blind coupler or tube connections. If this concern is present there will be dye evidence at the Receiver/Dehydrator plug connection.
<b>Correction</b>	Replace the Receiver/Dehydrator plug assembly using part number 22996648. When replacing the Receiver/Dehydrator plug assembly apply a light coating of AC oil to the O rings prior to installing the assembly. <b>Important:</b> Dealers: Only order kits for known leaking vehicles. Due to limited availability we wish to maximize inventory at CCA.

### Service Procedure



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If you encounter a vehicle with the above concern, inspect the receiver dryer plug (2) at the bottom of the desiccant tube (1) on the driver's side of the condenser for signs of leaking. If a leak is found, replace the receiver and dehydrator. Refer to *Receiver and Dehydrator Replacement* in SI.

### No Evidence of Dye Will Be Found Around the Following Areas

#### Around the Blind Coupler

**Note:** Condenser shown in following pictures, is out of vehicle to provide a better view of areas of concern.



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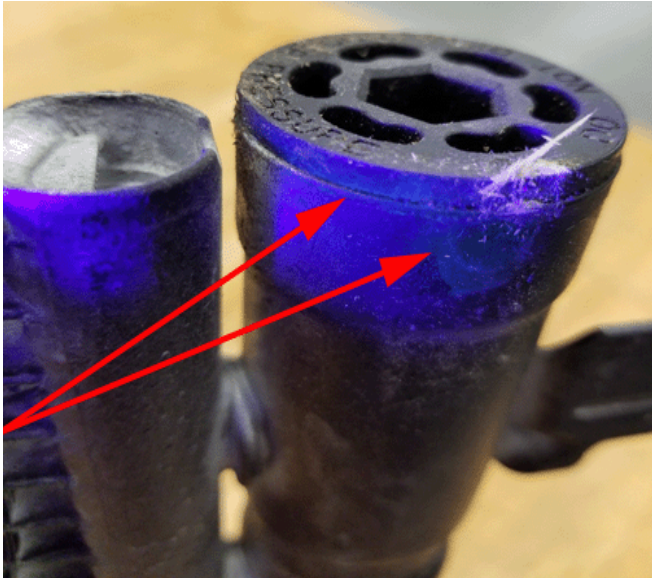


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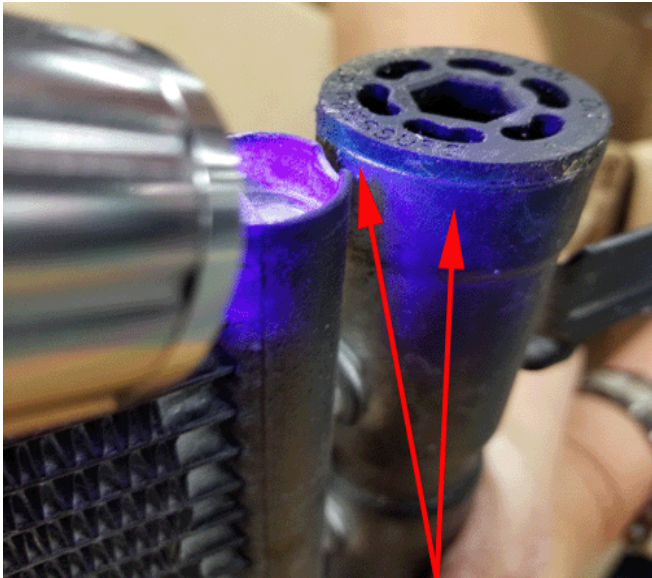
#### Around the Line Tube Connections

### Low Mileage Vehicles Dye Will be Difficult to See

Dye is water soluble and rain may make this difficult to detect dye. Arrows indicate dye evidence

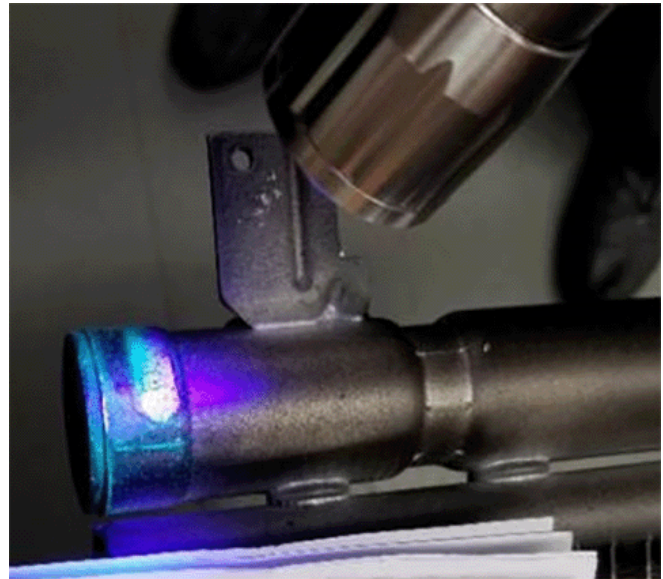


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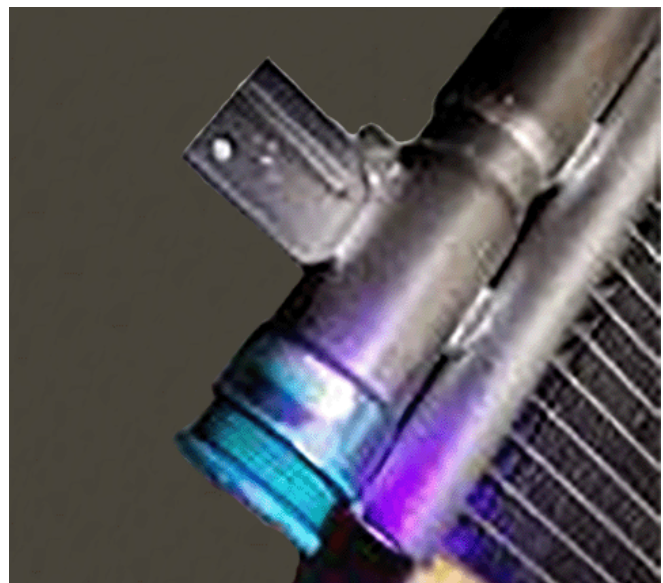
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### Higher Mileage and More Severe Leaks (Dye Will Appear More Prominent)



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The dye will show in the plug threads and below the seals.



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**Note:** Depending on vehicle A/C usage, the leak may not be visible as dye may not have circulated through the A/C system. The A/C system may need to be recharged and dye added before a test drive is performed to circulate the dye through the A/C system.

## Parts Information

Causal Part	Description	Part Number	Qty
X	RECEIVER & DEHYDRATOR ASM,A/C	22996648	1

## Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4416110	Receiver and Dehydrator Replacement	Use Published Labor Operation Time

Version	3
Modified	Released June 11, 2018 Revised July 30, 2018 – Updated the Breakpoint. Revised August 09, 2018 – Updated the Breakpoint.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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