

## Service Bulletin

Bulletin No.: 17-NA-303

Date: September, 2017

## TECHNICAL

Subject:	Air Conditioning Inoperative, Blowing Warm Air
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Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Sonic	2017	2017	SOP	June 16, 2017	LUW, LUV	
	Trax (VIN 3)						

Involved Region or Country	North America			
Condition	Some customers may comment that the A/C is inoperative and blows warm air.			
Cause	This condition may be caused by a leak at the condenser.			
	Note: Review Bulletin 17-NA-113 for possible loose HVAC control cables.			
	Validate if the A/C blows warm air:			
	Record the Evaporator Air Temperature (EAT) sensor readings.			
	⇒ If the EAT readings are not within specifications, refer to SI for diagnostic testing before proceeding with this bulletin.			
	<ul> <li>Visually check for leaks on the lower left and lower right side, including the back side of the condenser.</li> </ul>			
Correction	⇒ Perform a leak test if no leaks have visually been detected. Refer to Leak Testing (Document ID: 3953966).			
	$\Rightarrow$ If a leak has been found, replace the condenser.			
	Perform validation of the A/C compressor performance:			
	Inspect pulley for signs of debris.			
	Metallic noise from compressor.			
	Clutch activation performance.			
	Main engine drive belt damage.			
	The returned parts will be analyzed by engineering.			

## **Service Procedure**

**Parts Information** 

Replace the A/C condenser. Refer to Air Conditioning Condenser Replacement in SI.

Refer to the electronic parts catalog (EPC) for obtaining the P/N for the A/C condenser.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4416040	Air Conditioning Condenser Replacement	Use Published Labor Operation Time

Version	1
Modified	Released September 21, 2017

GM bulletins are intended for use by professional technicians, NOT a "<u>do-it-yourselfer</u>". 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, <u>DO NOT</u> 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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