

# High Pitch Whine Noise from Manual Transmission

**Service Category** Drivetrain

**Section** Manual Transmission/Transaxle

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	Tacoma	Transmission(s): 6MT

## Introduction

Some 2016 – 2017 model year Tacoma vehicles equipped with the 6 speed manual transmission (RC62F) may exhibit a high pitch whine noise when driving in 5<sup>th</sup> or 6<sup>th</sup> gear. A NEW heat insulator is available to address this condition.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
TC9020	R & R Heat Insulator	0.5	33030-04060	91	99

### APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

## Parts Information

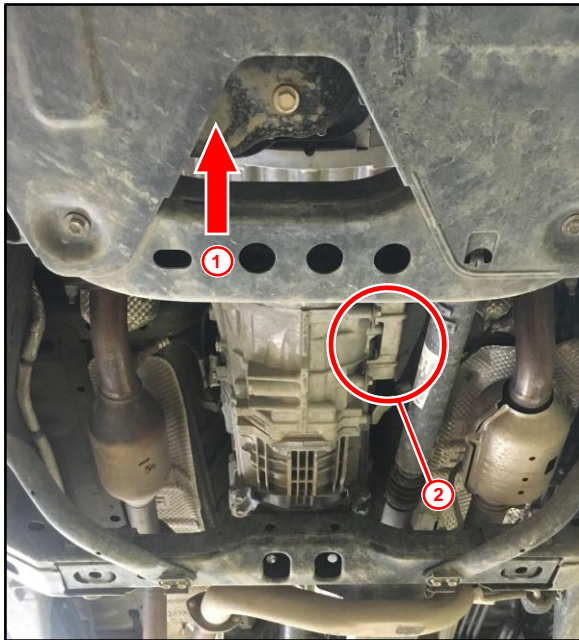
PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
31461-35030	31049-35010	Insulator, Release Cylinder Heat	1
90119-A0165		Bolt, w/Washer	4

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### Repair Procedure

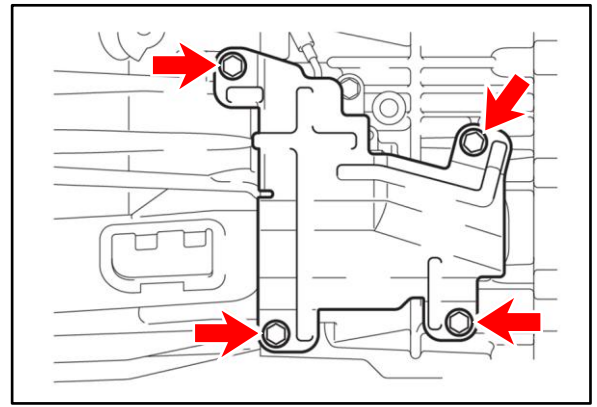
1. Does the vehicle exhibit a high pitch whine noise when driving in 5<sup>th</sup> or 6<sup>th</sup> gear?
  - **Yes** – Continue to step 2.
  - **No** – This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. Remove the 4 bolts and the Release Cylinder Heat Insulator from the manual transmission assembly.

**Figure 1.**



<b>1</b>	<b>Front</b>
<b>2</b>	<b>Release Cylinder Heat Insulator</b>

**Figure 2.**



3. Install the NEW Release Cylinder Heat Insulator to the manual transmission assembly with 4 NEW bolts.  
**Torque: 12 N\*m (120 kgf\*cm, 9 ft\*lbf)**
4. Confirm proper vehicle operation and the high pitch whine is no longer present.