



## MEDIC UPDATE

### TECHNICAL SERVICE BULLETIN

SUBJECT:			No: <b>TSB-07-13-003REV</b>
<b>WHISTLE NOISE FROM ENGINE COMPARTMENT</b>			DATE: <b>April, 2007</b>
			MODEL: <b>2007 Raider 3.7L</b>
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

*This TSB supersedes TSB-07-13-003, issued January, 2007, to revise the **PURPOSE** section, update the **AFFECTED VEHICLES** section and the labor operation number. Revised information is indicated by ►.*

### PURPOSE

► A slight **high frequency (pitch)** whistle-like sound may be heard while driving at any ambient temperature or engine temperature. The noise is most noticeable under load, with light throttle between 1,200 to 2,000 RPM.

### AFFECTED VEHICLES

► 2007 Raider 3.7L V6 only produced on or before March 12, 2007

### PROCEDURE

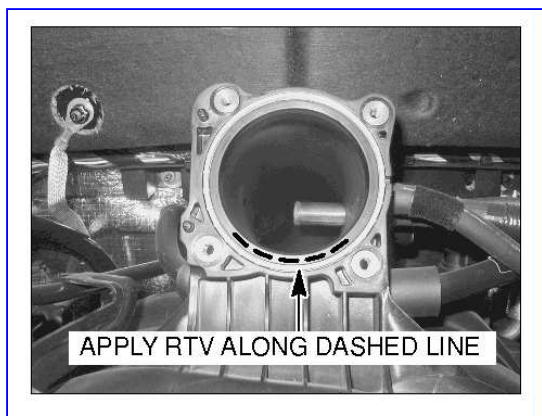
1. Record the radio presets and disconnect the negative battery cable.
2. Disconnect the intake air temperature sensor.
3. Remove the air intake tube at the throttle body.



4. Remove the four throttle body mounting bolts. Then remove the throttle body from the intake manifold and place to the side.
5. Check the condition of the throttle body-to-intake manifold o-ring and replace if necessary.
6. Clean mating surfaces of throttle body and intake manifold.

7. Apply a **small diameter bead (about 1 mm)** of RTV to the intake manifold-to-throttle body joint, **inboard of the o-ring**. The RTV is to be applied to the lower section of the joint between the lower two throttle body bolt attachment holes as shown.

8. Reinstall the throttle body. Tighten the four attachment bolts to 60 in lbs (7 Nm).
9. Wipe off all excessive RTV from the inside of the joint.
10. Reinstall the air intake tube at the throttle body.



- 11.Reconnect the intake air temperature sensor.
- 12.Reconnect the negative battery cable and reset the radio presets and clock.
- 13.Verify the condition no longer exists.

**PARTS INFORMATION**

Use the Genuine Mitsubishi Parts listed below.

Description	Part Number
Liquid Engine Gasket RTV	MD970389

**WARRANTY INFORMATION**

<input type="checkbox"/>	<b>Sealing Throttle Body To Intake Manifold</b>
<input type="checkbox"/>	Nature Code: 73L Cause Code: 450
<input checked="" type="checkbox"/>	Labor Operation No. <b>09500196</b> Time Allowance: 0.5 hr.
<input type="checkbox"/>	Warranty Coverage: Basic coverage 5 years/60,000 miles
<input type="checkbox"/>	Special Warranty Information: Normal warranty procedures apply.

The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website ([www.mitsubishitechinfo.com](http://www.mitsubishitechinfo.com)).