



**IMPORTANT SERVICE INFORMATION FOR:**

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:  
**IB16-F-001B**

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GROUP:  
**DRIVELINE/AXLE**

## LIMITED SLIP DIFFERENTIAL CHATTERING NOISE

### AFFECTED VEHICLES

- 2011-2018MY Isuzu N-Series Vehicles Equipped with 5.2L (4HK1) Diesel Engine and Limited Slip Differential (LSD) option code IV0

*This bulletin supersedes information bulletin IB16-F-001A. This bulletin is being revised to update Model Years. Please disregard previous bulletin IB16-F-001A.*

### INFORMATION

#### CONDITION

Some customers of N-series vehicles may complain of an audible clicking or chattering noise coming from the rear of the vehicle while making tight turns. This condition may be due to incorrect axle fluid installed at the last scheduled maintenance or during a previous repair. The condition can also result from delayed or skipped maintenance resulting in degradation of axle fluid.

See Figures 1 and 2 in this bulletin to identify a limited slip differential or check the vehicle build in IVIS, (Isuzu Vehicle Information System,) for Option Code IV0.

To resolve this problem, follow the listed procedure:

1. Replace the differential gear oil with a commercially-available gear oil (SAE90 GL-5) in addition to 20oz of limited slip differential lubricant additive (P/N 8-01052-358-0 (quantity of five (5), 4oz bottles).
2. Road test the vehicle for at least 10 miles by making eight to ten tight left and right turns, such as going around a corner, to ensure the limited slip is activated.
3. If the condition persists, technicians are to call the Technical Assistance Center (TAC) at 1-877-ISUZUCV (1-877-478-9828), Select a language, at Prompt press "3" to speak directly to a TAC Specialist for further assistance.



Figure 1 – Code Location



Figure 2 – Example of Stamping

#### LSD Stamp

#### Codes

B7  
D8  
D9  
H0  
H9