

MODEL: Karma Revero**DATE:** May 2017**TITLE:** Final Drive Fluid Change**First Release****PRIORITY:** On Complaint**APPLICABILITY:** All Karma Revero Models**MARKET REGION:** North America**PURPOSE:** To reduce differential noise while turning

It has been found that certain vehicles may exhibit a whining sound heard from the rear during low-speed full lock turns. The remedy for this concern is draining and refilling the differential with the appropriate fluid as directed.

Begin by verifying the noise is present by operating vehicle in a controlled environment. Come to full stop, turn wheel to full lock either direction and start gradually accelerating- repeat this in both directions.

If the noise is confirmed, raise and support the vehicle on a lift.

- 1) Remove the right side rear wheel
- 2) Clean and remove fill plug. (fig.1)

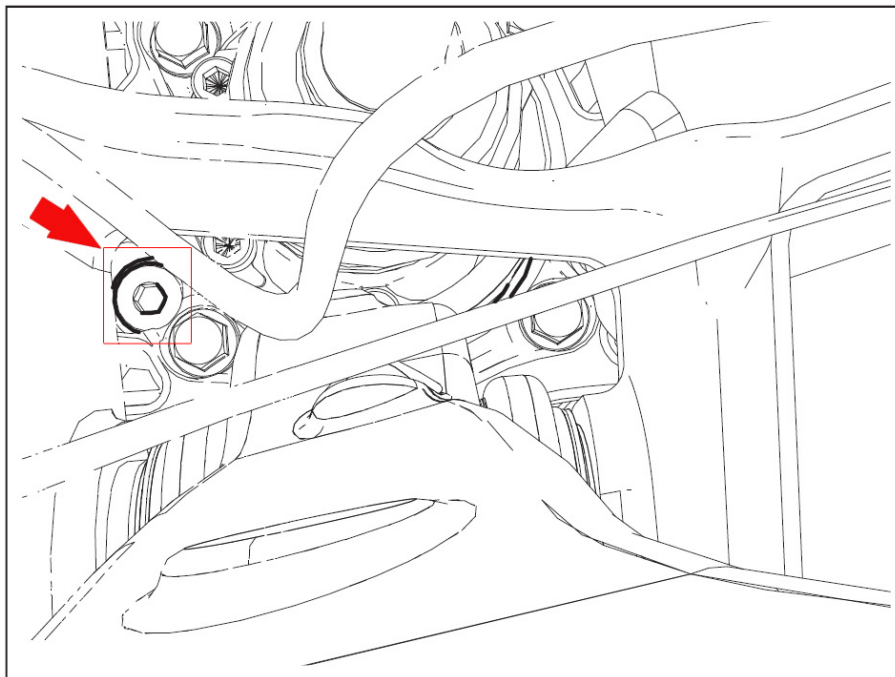


fig.1

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- 3) Clean and remove drain plug, drain all of the differential oil into a suitable collection container (fig.2)
- 4) Ensure you do not lose the installed, and reusable o-ring on the drain plug.

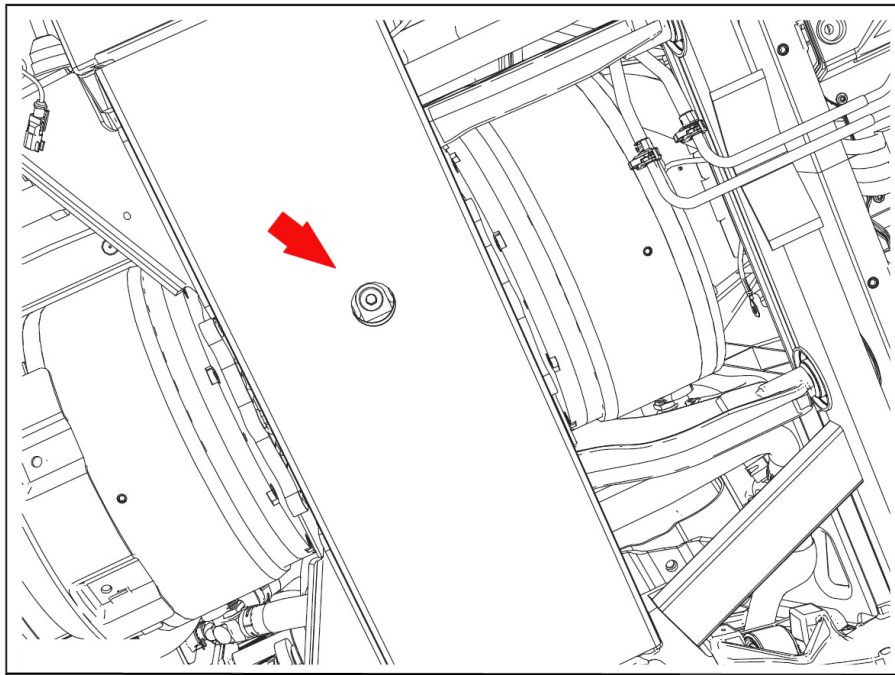


fig.2

- 5) Inspect o-ring on drain plug for wear, if worn replace with new drain plug.
- 5) Clean component mating faces, prior to installation of drain plug
- 6) Reinstall drain plug, torque to 12-20 ft-lbs

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- 7) Add 47.3 Oz / 1.4 L of ACDelco Dexron LS 75W-90 (fig.3) through fill port/plug. (Add oil until a thin bead flows from differential casing filler hole this should be the specified 1.4L)



fig.3

- 8) Brush off and clean the residual thread sealant off the plug with cleaning agent like acetone.
 9) Reapply new thread sealant such as, Loctite 592 (fig.4), apply a 360 degree bead of the thread sealant to the leading threads, leaving the first thread free.



fig.4

- 10) Reinstall fill plug, torque to 15-25 ft-lbs
 11) Drive vehicle in a figure-eight, 5-10 times, verify noise is no longer present

Create a TSS case for this bulletin.

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Service Bulletin

TB-17-42-02

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PARTS REQUIRED:

PART NUMBER	DESCRIPTION
N/A	Parts Service

SHOP SUPPLIES:

DESCRIPTION
N/A

SPECIAL TOOLS:

DESCRIPTION
N/A

CAUSAL PART:

PART NUMBER	DESCRIPTION
C131112201005	Assembly - RDM Transaxle

LABOR CODES:

CODE	DESCRIPTION	TIME	DEFECT CODE
42-10-03-10	Differential Oil - Drain and Refill	0.4	42-10-02-98

SUBLET:

CODE	DESCRIPTION	AMOUNT
FLU - FLU002	ACDelco Dexron LS 75W-90	\$30.00 (max)

WARRANTY DISPOSITION: This repair is covered under the New Vehicle Limited Warranty, in effect for five (5) years from the in-service date with no mileage limitation.

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