



NUMBER: 03-003-16

GROUP: Differential &
Driveline

DATE: June 21, 2016

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SUBJECT:

Drivetrain Control Module (DTCM)

OVERVIEW:

This bulletin involves replacing and reconfiguring the Drivetrain Control Module (DTCM) with the latest available software.

MODELS:

2014 - 2016	(KL)	Jeep Cherokee
2015 - 2016	(UF)	Chrysler 200

**NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA, EMEA, and APAC.**

NOTE: This bulletin applies to 2014-2015 KL vehicles equipped with JEEP Active Drive I (Sales Code DK2) or equipped with JEEP Active Drive II (Sales Code DK4).

NOTE: This bulletin applies to 2016 KL vehicles built on or before April 12, 2016 (MDH 0412XX) equipped with JEEP Active Drive I (Sales Code DK2).

NOTE: This bulletin applies to 2016 KL vehicles built on or before April 14, 2016 (MDH 0414XX) equipped with JEEP Active Drive II (Sales Code DK4).

NOTE: This bulletin applies to 2015 UF vehicles equipped with All Wheel Drive (AWD).

NOTE: This bulletin applies to 2016 UF vehicles built on or before June 15, 2016 (MDH 0615XX) equipped with All Wheel Drive (AWD).

SYMPTOM/CONDITION:

Some vehicles may experience a constant high pitched whine coming from rear axle area.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the symptom condition listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above or if the technician finds any DTCs, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68323980AA	1-Speed (2014/2015 MY) DTCM KL Sales Code DK2 UF (AWD)
1 (AR)	68308879AA	1-Speed (2016 MY) DTCM KL Sales Code DK2 UF (AWD)
1 (AR)	68323981AA	2-Speed (2014/2015 MY) DTCM KL Sales Code DK4
1 (AR)	68308880AA	2-Speed (2016 MY) DTCM KL Sales Code DK4

REPAIR PROCEDURE:

1. Verify high pitched noise coming from the rear axle area. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>03 - Differential and Driveline/Rear Driveline Module/Diagnosis and Testing>Rear Drive Unit (RDU) Noise.
2. Is it determined that the noise is coming from the RDU?
 - a. YES>>> Proceed to [Step #3](#).
 - b. NO>>> Further normal diagnosis will be necessary.
3. Verify the service bulletin has not already been performed on this vehicle or check the DTCM for being at the latest part level as in the parts required section of this service bulletin.
4. Is it determined that DTCM is at the latest part level or the service bulletin has already been performed?
 - a. YES>>> Further mechanical diagnosis will be necessary for the RDU.
 - b. NO>>> Proceed to [Step #5](#).
5. Replace DTCM. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 08 - Electrical/8E - Electronic Control Modules/Module, Drivetrain Control/Removal
6. Using wiTECH, restore configuration and align proxi. This routine is available under the 'Diagnostic Procedures' tab found on the home, 'Vehicle View', page of wiTECH.
7. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allows them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-19-13-91	Module, Drivetrain Control (DTCM) - Replace and Reconfigure (2 - Skilled)	6 - ELECTRICAL AND BODY SYSTEMS	0.4 Hrs.

FAILURE CODE:

ZZ	Service Action
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