



NUMBER: 21-035-16

GROUP: Transmission and Transfer Case

DATE: November 04, 2016

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NOTE: Diagnostic Trouble Code (P0901-00 - Clutch 1 Actuator Control Circuit Range Performance) that is related to this bulletin is included within the S55 Recall. Please verify that the Powertrain Control Module (PCM) and Transmission Control Module (TCM) is up to the latest flash by following the S55 service action.

SUBJECT:

Transmission Shift And Drivability Enhancements For P0901-00.

OVERVIEW:

This bulletin involves performing transmission harness replacement per S55 recall.

NOTE: Both the PCM and TCM must be up to date for these changes to be effective after the transmission harness repair.

MODELS:

2014 - 2015	(KL)	Jeep Cherokee
2015	(UF)	Chrysler 200
2015	(BU)	Jeep Renegade
2016	(FB)	Fiat 500X
2015	(VM)	Ram ProMaster City

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

NOTE: This bulletin applies to KL vehicles built on or after November 05, 2012 (MDH 1105XX) and on or before October 31, 2014 (MDH 1031XX) equipped with:

- **2.0L I4 Turbo Diesel Engine (Sales Code EBT) equipped with 9-Speed 948TE FWD/AWD Automatic Transmission (Sales Code DFH) or 9-Speed 948TE 4WD Automatic Transmission (Sales Code DFJ).**
- **2.4L I4 Multiair Engine (Sales Code ED6) equipped with 9-Speed 948TE FWD/AWD Automatic Transmission (Sales Code DFH) or 9-Speed 948TE 4WD Automatic Transmission (Sales Code DFJ).**
- **2.4L I4 PZEV Multiair Engine (Sales Code ED8) equipped with 9-Speed 948TE FWD/AWD Automatic Transmission (Sales Code DFH) or 9-Speed 948TE 4WD Automatic Transmission (Sales Code DFJ).**
- **3.2L V6 24V VVT Engine (Sales Code EHB) equipped with 9-Speed 948TE FWD/AWD Automatic Transmission (Sales Code DFH) or 9-Speed 948TE 4WD Automatic Transmission (Sales Code DFJ).**

NOTE: This bulletin applies to UF vehicles built on or after August 12, 2013 (MDH 0812XX) and on or before October 31, 2014 (MDH 1031XX) equipped with:

- **3.6L V6 24V VVT Engine (Sales Code ERB) equipped with 9-Speed 9HP48 Automatic Transmission (Sales Code DF5).**
- **2.4L I4 Multiair Engine (Sales Code ED6) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**
- **2.4L I4 PZEV Multiair Engine (Sales Code ED8) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**

NOTE: This bulletin applies to BU vehicles built on or after April 01, 2014 (MDH 0401XX) and on or before December 09, 2015 (MDH 1209XX) equipped with 2.4L I4 Multiair Engine (Sales Code ED6) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).

NOTE: This bulletin applies to BU vehicles equipped with:

- **1.4L I4 Multiair Turbo Engine (Sales Code EAM) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**
- **2.0L I4 Turbo Diesel Engine (Sales Code EBT) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**

NOTE: This bulletin applies to FB vehicles built on or after May 29, 2014 (MDH 0529XX) and on or before July 30, 2015 (MDH 0730XX) equipped with

- **2.4L I4 Multiair Engine (Sales Code ED6) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**
- **1.4L I4 Multiair Turbo Engine (Sales Code EAM) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**
- **2.0L I4 Turbo Diesel Engine (Sales Code EBS) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).**

NOTE: This bulletin applies to VM vehicles built on or after March 06, 2014 (MDH 0306XX) and on or before July 10, 2016 (MDH 0710XX) equipped with 9-Speed 948TE Automatic Transmission (Sales Code DFH).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination after S55 recall TCM flash has been performed. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0901-00 - Clutch 1 Actuator Control Circuit Range Performance.

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 one listed 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 the DTC, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: Vehicles that have set this code were involved in Safety Recall S55. During that repair, the TCM Software level was updated. This code indicates that the second half of the S55 service procedure is now needed.

NOTE: Please refer to S55 service instructions and refer to Section B: Replace Transaxle Wire Harness. Please use the S55 Labor Operation codes when filing a claim for this vehicle.

NOTE: Both the PCM and TCM must be up to date for these changes to be effective. The wiTECH Diagnostic Scan Tool will instruct the user to start the flash process.

POLICY:

Information Only.