

2003 Jeep Wrangler Sport

TRANSMISSION DELAYED ENGAGEMENT'

TRANSMISSION DELAYED ENGAGEMENT

TECHNICAL SERVICE BULLETIN

Reference Number(s): 21-004-05, Date of Issue: January 22, 2005

CHRYSLER: 2004 (CS) Pacifica

Superceded Bulletin(s): 21-007-04, Date of Issue: May 11, 2004

SUBJECT

NOTE: THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 21-007-04, DATED MAY 11, 2004, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDES, ADDITIONAL MODEL YEARS.**

Transmission Delayed Engagement

OVERVIEW

This bulletin involves replacing the front pump assembly in the transmission and checking the Transmission Control Module (TCM) for the latest software revision level.

MODELS

MODELS

| Year | Model Code | Model |
|-------------|------------|---|
| 2004 | (CS) | Pacifica |
| 2002 - 2004 | (JR) | Sebring Convertible/Sebring Sedan/Stratus Sedan |
| 2003 | (KJ) | Liberty |
| 2003 | (KJ) | Cherokee (International Markets) |
| 2002 2004 | (LH) | 300M/Concorde/Intrepid |
| 2002 2003 | (PL) | Neon |
| 2002 2003 | (PT) | PT Cruiser |
| 2002 2003 | (RG) | Chrysler Voyager (International Markets) |
| 2002 2003 | (RS) | Town & Country/Caravan/Voyager |
| 2003 | (TJ) | Wrangler |

NOTE: Refer to the following table for specific applications.

MODEL BUILD DATES

| Model | Engine | Transmission | Build dates |
|-------|--------------|--------------|---|
| CS | 3.5L | 41TE | Built on or before July, 10 2003 (MDH 0710XX) |
| JR | 2.4L or 2.7L | 41TE | Built on or before July, 2 2003 (MDH 0702XX) |

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|-------|--------------------|-------|---|
| KJ | 3.7L | 42RLE | |
| LH | 2.7L or 3.5L | 42LE | Built on or after June, 2 2002 |
| | | | (MDH 0602XX) |
| PL | 2.0L | 41TE | Built on or after June, 2 2002 (MDH 0602XX) |
| PT | 2.0L or 2.4L | 41TE | Built on or after June, 2 2002 (MDH 0602XX) |
| RS/RG | 2.4L, 3.3L or 3.8L | 41TE | Built on or after June, 2 2002 (MDH 0602XX) |
| TJ | 4.0L | 42RLE | |

SYMPTOM/CONDITION

Vehicle operator may experience a delayed or temporary loss of transmission engagement after initial start up. The condition follows an extended soak (several hours) and may be accompanied by a harsh 4-3 downshift.

Technician may find Diagnostic Trouble Code (DTC) P1791/P0944 - Loss of Prime.

DIAGNOSIS

Using a Scan Tool (DRBIII(R)) with the appropriate Diagnostic Procedures, verify all engine systems are functioning as designed. If DTCs are present, other than those listed above, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the vehicle operator describes the Symptom/Condition or the technician finds DTC P1791 or P0944, perform the Repair Procedure.

PARTS REQUIRED**PARTS REQUIRED**

| Qty. | Part No. | Description |
|--------|------------|----------------------------------|
| AR (1) | 05127197AA | Pump, Transmission Oil (41TE) |
| AR (1) | 05127198AA | Pump, Transmission Oil (42LE) |
| AR (1) | 05127199AA | Pump, Transmission Oil (42RLE) |
| AR (1) | 04275086AB | Label, Authorized SoftwareUpdate |
| AR (1) | 04275086AB | Label, Authorized Modification |

SPECIAL TOOLS/EQUIPMENT REQUIRED**SPECIAL TOOLS**

| TOOL NUMBER | DESCRIPTION |
|---------------|--|
| NPN | Battery Charger |
| CH2002 | General Purpose Interface Bus Cable Assembly |
| CH6000A | Scan Tool (DRBIII(R)) |
| CH7000A/7001A | J1962 Cable with red DRBIII(R) connector |
| | TechCONNECT Workstation |

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NOTE: An updated J1962 cable has been released. This cable has a red colored connector at the DRBIII(R) connection. Use this cable whenever a flash is being performed.

REPAIR PROCEDURE

1. Check the transmission fluid level. If fluid level is full proceed to Step #2. If fluid level is low, diagnose and repair fluid leak. Proceed to Step 3 .
2. Replace the transmission oil pump. Refer to the service information available in TechCONNECT Group-21, Transmission.
3. Verify the controller has the latest software revision level.
4. If the controller is at the latest revision level, no further action is necessary. If a flash update is available reprogram the controller as instructed in Service Bulletin 21-006-03 Rev. A.

POLICY

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE

TIME ALLOWANCE

| Labor Operation No: | Description | Amount |
|---------------------|--|---|
| 21-60-05-95 | Remove and Install Transmission and Replace Front Pump | 6.2 Hrs. CS, 4.2 Hrs. JR, 4.5 Hrs. LH, 3.0 Hrs. PL, 3.3 Hrs. PT, 5.0 Hrs. RS/RG |
| 21-60-05-91 | Remove and Install Transmission and Replace Front Pump | 2.8 Hrs. KJ, 2.8 Hrs. TJ |
| OPTIONAL EQUIPMENT: | | |
| 21-00-05-64 | AWD Equipped Add | 0.6 Hrs. CS, 1.0 Hrs. RS/RG |
| 21-00-01-62 | 4WD Equipped Add | 0.9 Hrs. KJ |
| 21-00-01-60 | Skid Plate Equipped Add | 0.2 Hrs. KJ |

FAILURE CODE

FAILURE CODE

| CODE | DESCRIPTION |
|------|-------------|
| 65 | Leaks |

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