



NUMBER: 21-007-04

GROUP: Transmission

DATE: May 11, 2004

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THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 21-005-03 REV A., DATED AUGUST 1, 2003, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDES, NEW LABOR TIMES.**

SUBJECT:

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:

2004	(CS)	Pacifica
2003 - 2004	(JR)	Sebring Convertible/Sebring Sedan/Stratus Sedan
2003	(KJ)	Liberty
2003	(KJ)	Cherokee (International Markets)
2003 - 2004	(LH)	300M/Concorde/Intrepid
2003	(PL)	Neon/SX 2.0
2003	(PT)	PT Cruiser
2003	(RG)	Chrysler Voyager (International Markets)
2003	(RS)	Town & Country/Caravan/Voyager
2003	(TJ)	Wrangler

NOTE: Refer to the following table for specific applications.

Model	Engine	Transmission	Built On Or Before (MDH)
CS	3.5L	41TE	July 10, 2003 (MDH 0710XX)
JR	2.4L or 2.7L	41TE	July 2, 2003 (MDH 0702XX)
KJ	3.7L	42RLE	
LH	2.7L or 3.5L	42LE	
PL	2.0L	41TE	
PT	2.0L or 2.4L	41TE	

Model	Engine	Transmission	Built On Or Before (MDH)
RS/RG	2.4L, 3.3L or 3.8L	41TE	
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®) 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:

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 Software Update
AR (1)	04275086AB	Label, Authorized Modification

SPECIAL TOOLS/EQUIPMENT REQUIRED:

NPN	Battery Charger
CH2002	General Purpose Interface Bus Cable Assembly
CH6000A	Scan Tool (DRBIII®)
CH7000A/7001A	J1962 Cable with red DRBIII® connector
	TechCONNECT Workstation

NOTE: An updated J1962 cable has been released. This cable has a red colored connector at the DRBIII® 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 or the appropriate service manual in Section 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:

Labor Operation No:	Description	Amount
21-60-05-95	Remove and Install Transmission and Replace Front Pump	6.2 Hrs. CS 5.5 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:

65	Leaks
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