SUBJECT:

MIL Illumination - DTC P1776 Solenoid Switch Valve Latched in LR Position

MODELS:

2004	(AN)	Dakota
2004 - 2005	(CS)	Pacifica
2003 - 2004	(JR)	Sebring Convertible/Sebring Sedan/Stratus Sedan
2003 - 2004	(KJ)	Liberty
2003 - 2004	(KJ)	Cherokee (International Markets)
2003 - 2004	(LH)	300M/Concorde/Intrepid
2003 - 2004	(PL)	Neon/SX 2.0
2003 - 2005	(PT)	PT Cruiser
2003 - 2005	(RG)	Chrysler Voyager (International Markets)
2003 - 2005	(RS)	Town & Country/Voyager/Caravan
2003 - 2004	(TJ)	Wrangler

NOTE: Refer to the following table for specific applications.

Model	Engine	Transmission
AN	3.7L	42RLE
CS	3.5L	41TE
JR	2.4L or 2.7L	41TE
KJ	3.7L	42RLE
LH	2.7L or 3.5L	42LE
PL	2.0L	41TE
PT	2.0L or 2.4L	41TE
RS/RG	2.4L, 3.3L or 3.8L	41TE
TJ	4.0L	42RLE

SERVICE

Stick with the Specialists™

DISCUSSION:

If the vehicle operator describes a MIL illumination and the technician finds DTC P1776 Solenoid Switch Valve Latched in LR Position is set the DRBIII® can be used to access the event data screen and look at the "TRS Code" reading.

NOTE: The solenoid switch valve is not in the solenoid pack it is in the valve body.

TRS Code Reads TR2

If the "TRS Code" displays "TR2" it is an indication that the manual valve was not fully in the OD position at the time the DTC was set. Check the shifter cable adjustment and adjust if necessary. Also check the shift control system for excessive friction and/or routing issues.

TRS Code Reads OD

If the "TRS Code" displays "OD" then a sticky solenoid switch valve is the primary cause. Perform the proper diagnosis for the valve body. Inspect for foreign material in the solenoid switch valve and plugs.

POLICY:

Information Only