


# TECHNICAL BULLETIN

	<b>Transmission Control Module – DTC P1777 – Updated Module</b>	<b>44-29</b>
<b>MODEL All 1995 MY with ZF transmissions DATE 9/95</b> <b>Sedan Range VIN 720028 - 745840</b> <b>XJS Range VIN 194775 - 222065</b>		

## ISSUE:

Some 1995 MY vehicles equipped with ZF automatic transmissions in the above VIN ranges may experience the following intermittent conditions:

- 1) Transmission Malfunction Indicator Lamp (MIL) flashing on and off.
- 2) Transmission enters limp home mode. Transmission MIL remains on. Code P1777 is stored in the Engine Control Module and the PDU cannot communicate with the Transmission Control Module.

## ACTION:

If a customer complains of either condition on a 1995 MY vehicle equipped with a ZF automatic transmission, a revised Transmission Control Module is available as installed in production from VIN 745841 (Sedan Range) and 222066 (XJS Range).

1. If the car exhibits condition 1, install the revised TCM.
2. If the car exhibits condition 2, read out the OBD II DTC(s) using the PDU. If DTC P1777 is found in the Engine Control Module, and the PDU cannot communicate with the TCM, install the revised TCM.
3. Record the DTC(s) on the Diagnostic Trouble Code Report form S-93.

## TCM LOCATIONS

Sedan Range - The TCM is located under the passenger side underscuttle. Refer to repair operation 44.15.32 in subsection 8.1.3 of the XJ6 - XJ12 Vehicle Service Manual .

XJS Coupe - The TCM is located behind the right rear quarter trim panel at the base of the B-pillar. Refer to repair operation 76.13.12 in the XJS Service Manual Volume 4, to remove the Rear Quarter Lower Trim Pad to gain access to the TCM.

XJS Convertible 2+2 - The TCM is located on the convertible top pump bracket in the trunk.

## PARTS INFORMATION:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>
Transmission Control Module, Sedan Range	LHE 2400AH 004
Transmission Control Module, XJS Range	LHE 2400AH 001

## WARRANTY INFORMATION:

<u>MODEL</u>	<u>FAULT CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
Sedan Range		44.15.32	TCM, replace with diagnostic time	0.65 hrs.
Condition 1	FX CH FW			
Condition 2	FX CB GH			
XJS Coupe		44.15.32	TCM, replace with diagnostic time	0.80 hrs.
Condition 1	FX CH FW			
Condition 2	FX CB GH			
XJS Conv. 2+2		44.15.32.80	TCM, replace with diagnostic time	0.55 hrs.
Condition 1	FX CH FW			
Condition 2	FX CB GH			
Condition 1	Output to TCM Malfunction Indicator Lamp (MIL), Incorrect output			
Condition 2	TCM, Inoperative			