

### **THM 4L30-E**

# DIAGNOSTIC TROUBLE CODE RETRIEVAL AND DEFINITION FOR TROOPER, RODEO, ACURA SLX AND PASSPORT "ONLY"

#### 1990-1991 TROOPER AND 1991-1992 RODEO "ONLY"

For Trouble code retrieval, locate Diagnostic 2 connector shown in Figure 2 (*White* for Trooper and *Black* for Rodeo). Jump the connector as shown in Figure 2 and refer to Figures 8-10 for code definitions. The "Check Trans" lamp flash patterns for normal operation, and when DTC's are set, are shown in Figure 1.

#### 1992-1993 TROOPER AND 1993 RODEO ''ONLY''

For Trouble code retrieval, locate Diagnostic 1 connector shown in Figure 3. Jump the connector between terminals 1 and 3, as shown in Figure 3 and refer to Figures 8-10 for code definitions. The "Check Trans" lamp flash patterns for normal operation, and when DTC's are set, are shown in Figure 1.

#### 1994 TROOPER, RODEO AND PASSPORT "ONLY"

For Trouble code retrieval, locate Diagnostic 2 connector shown in Figure 4. Jump the connector as shown in Figure 4 and refer to Figures 11 and 12 for code definitions. The "Check Trans" lamp flash patterns for normal operation, and when DTC's are set, are shown in Figure 1.

#### 1995 TROOPER, RODEO AND PASSPORT "ONLY"

For Trouble code retrieval, locate Diagnostic 2 connector shown in Figure 5. Jump the connector as shown in Figure 5 and refer to Figures 11 and 12 for code definitions. The "Check Trans" lamp flash patterns for normal operation, and when DTC's are set, are shown in Figure 1.

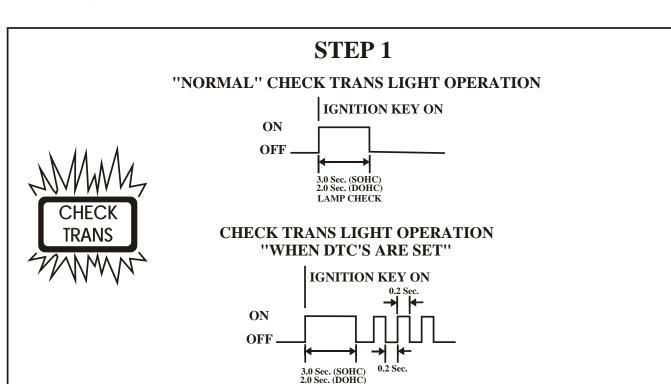
#### 1996-1997 TROOPER AND ACURA SLX "ONLY"

For Trouble code retrieval, locate the 16 pin *OBD-II* connector as shown in Figure 6. Connect a scan tool as this is the only way to retrieve trouble codes. Refer to Figures 13 and 14 for code definitions. The "Check Trans" lamp will be flashing if codes are stored in memory.

#### 1996-1997 RODEO AND PASSPORT "ONLY"

For Trouble code retrieval, locate the 16 pin *OBD-II* connector as shown in Figure 7. Connect a scan tool as this is the only way to retrieve trouble codes. Refer to Figures 13 and 14 for code definitions. The "Check Trans" lamp will be flashing if codes are stored in memory.



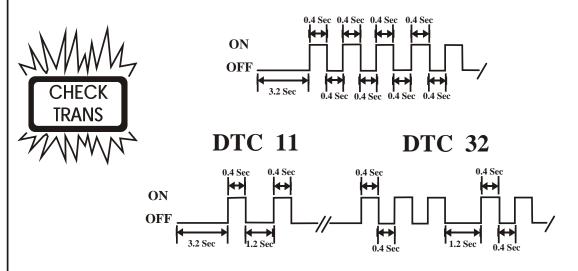


## STEP 2

LAMP CHECK

CONNECT JUMPER WIRE TO DIAGNOSTIC CONNECTOR FOR YOUR VEHICLE APPLICATION. "CHECK TRANS" LIGHT WILL FLASH AS FOLLOWS:

#### CONTINUOUS EVEN FLASH = "NO CODES"



NOTE: EACH DIAGNOSTIC TROUBLE CODE WILL REPEAT 3 TIMES IN NUMERICAL ORDER

NOTE: A DTC 12 (NO DITRIBUTOR REFERENCE) IS NORMAL IF TROUBLE CODES ARE ACCESSED WITH THE ENGINE "OFF".



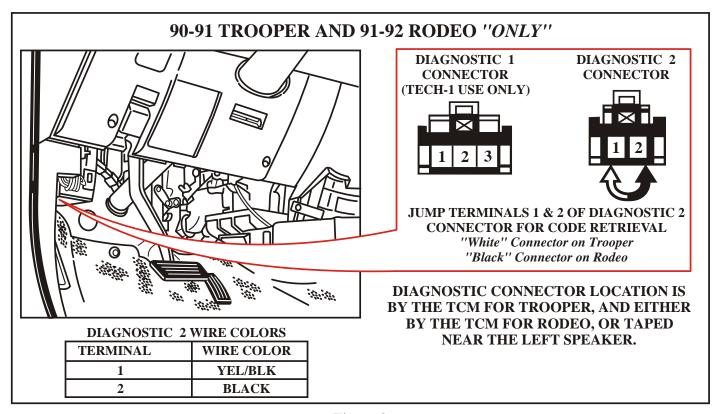


Figure 2

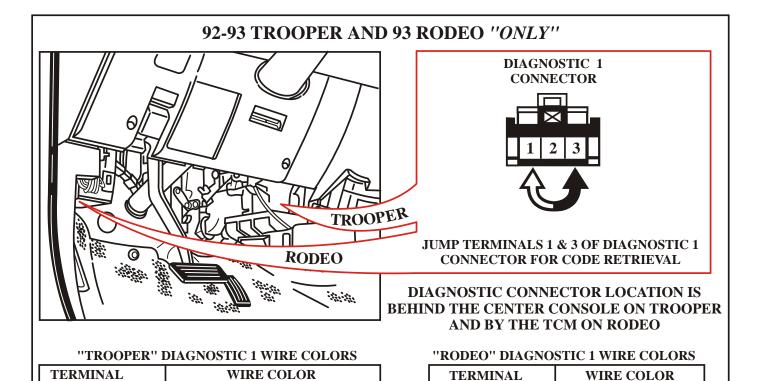


Figure 3	
AUTOMATIC TRANSMISSION SERVICE GROUP	)

1

2

3

YELLOW/BLACK

WHT/RED (92) WHT/GRN (93)

BLACK/GREEN

1

2

3

YELLOW/BLACK

WHITE/RED

**BLACK** 



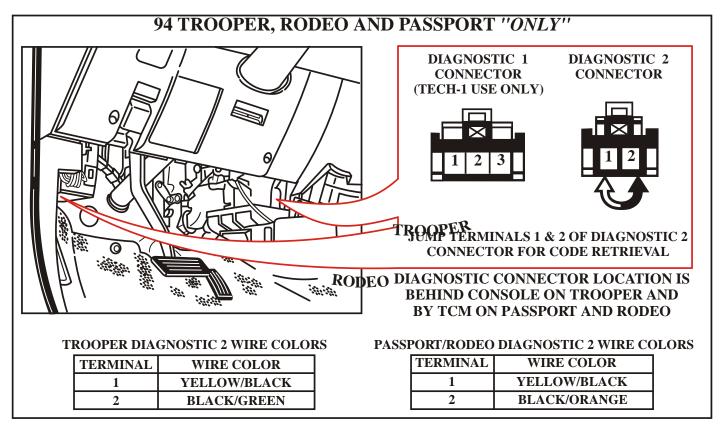
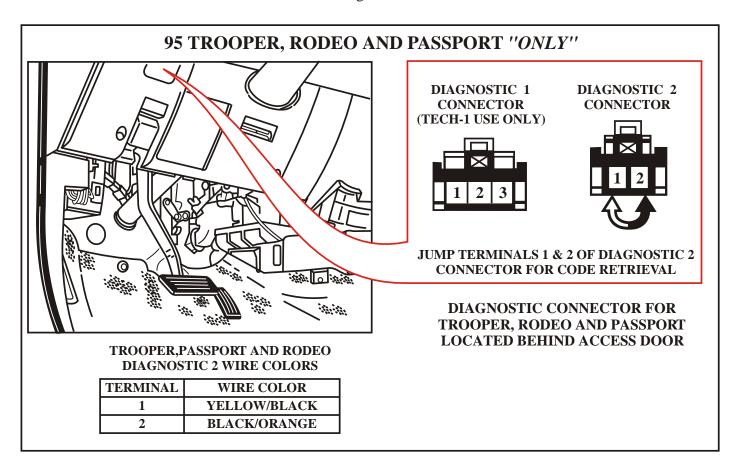


Figure 4





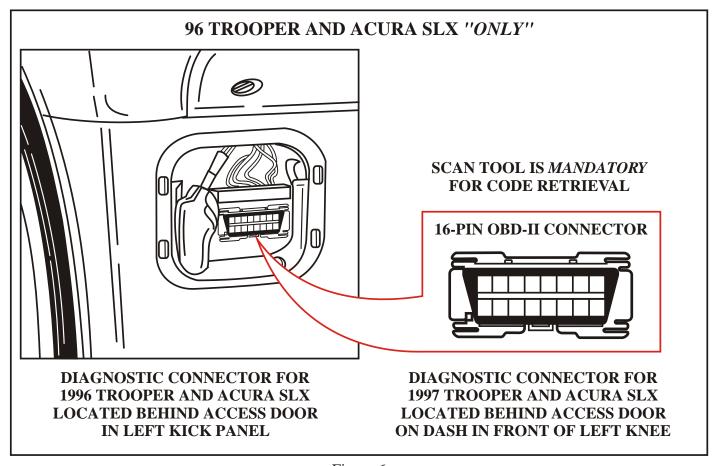


Figure 6

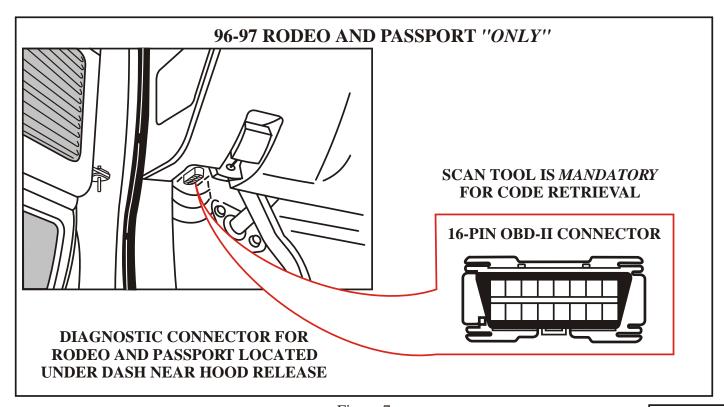


Figure 7
AUTOMATIC TRANSMISSION SERVICE GROUP



TROUBLE				
CODE	DESCRIPTION			
17	1-2/3-4 Shift Solenoid shorted to groundThe TCM sensed low voltage at the solenoid when the solenoid was switched "ON".			
<ul> <li>Throttle Position Sensor voltage is too high.</li> <li>The TCM read Throttle Position Sensor voltage greater than 4.9 volts.</li> <li>The Throttle Position Sensor, or wiring, may have been signaling a throttle poof 100%.</li> </ul>				
22	<ul> <li>Throttle Position Sensor voltage is too low.</li> <li>The TCM read Throttle Position Sensor voltage less than 60 mv.</li> <li>The Throttle Position Sensor, or wiring, may have been signaling a throttle position value of 0%.</li> </ul>			
23	<ul> <li>Engine Coolant Switch voltage is too high.</li> <li>The TCM read voltage high from the Engine Coolant Switch when the engine should have been warm (Over 20 minutes running time).</li> <li>The TCM will not allow torque converter clutch operation.</li> <li>Under normal operating conditions:         <ul> <li>Cold = high voltage (Switch Open)</li> <li>Warm = low voltage (Switch Closed)</li> </ul> </li> </ul>			
25	1-2/3-4 Shift Solenoid is open or shorted to battery voltage. The TCM sensed high voltage at the solenoid when the solenoid was switched "OFF".			
26	2-3 Shift Solenoid is shorted to groundThe TCM snesed low voltage at the solenoid when the solenoid was switched "ON".			
28	2-3 Shift Solenoid is open or shorted to battery voltageThe TCM sensed high voltage at the solenoid when the solenoid was switched "OFF".			
29	TCC Solenoid is shorted to ground. The TCM snesed low voltage at the solenoid when the solenoid was switched "ON".			
31	<ul> <li>Engine Speed Sensor circuit is open.</li> <li>The TCM read 0 pulses from the Engine Speed Sensor when the throttle opening was greater than 12 percent and the vehicle speed was greater than 19 mph (30 kp/h).</li> </ul>			
32	Force Motor (EPC) circuit is openThe TCM read a Force Motor current draw less than 95 mA (.095A).			
33	Force Motor (EPC) circuit is shorted to battery voltageThe TCM read a Force Motor current draw greater than 1.5A			
34	Band Apply Solenoid is open or shorted to battery voltageThe TCM sensed high voltage at the solenoid when the solenoid was switched "OFF".			
35	Band Apply Solenoid is shorted to ground. The TCM sensed low voltage at the solenoid when the solenoid was switched "ON".			



TROUBLE	1990-1993 MODELS ONLY (Continued)	
CODE	DESCRIPTION	
36	TCC Solenoid is open or shorted to battery voltage. The TCM sensed high voltage at the solenoid when the solenoid was switched "OFF".	
39	<ul> <li>Transmission Speed Sensor circuit is open.</li> <li>The TCM read 0 pulses from the Vehicle Speed Sensor when the engine speed was greater than 3000 rpm and the gear selector mode switch identified D, 3, 2, or L.</li> </ul>	
41	Gear Error (May store additional codes 17, 25, 26, 28, 31, 39, or 46). When the engine speed was greater than 3500 rpm, the TCM read a vehicle speed which was too high for the coresponding gear.	
43	Ground Control Solenoid (TCM Internal Relay)The TCM read a change after reset.	
46	<b>Downshift Error (May store additional codes 31, or 39).</b> For any downshift (4-3, 3-2, 2-1), the engine rpm was above a predetermined speed.	
48	Low supply voltageThe TCM read a supply voltage less than 9 volts.	
49	High supply voltageThe TCM read a supply voltage greater than 16 volts.	
55	EPROM failureTCM internal failure. Replace Transmission Control Module (TCM).	
56*	<ul> <li>Mode Switch position is incorrect, or TPS is open.</li> <li>The TCM read a vehicle speed greater than 62 mph (100 km/h) when the gear selector mode switch identified Reverse.</li> <li>The TCM read a throttle position greater than 20 percent and engine speed less than 3000 rpm, when the gear selector mode switch identified Park or Neutral.</li> </ul>	
65	Transmission Oil Temperature sensor is open. The "Winter Program" could not be activated. The TCM read 5 volts.	
66	Transmission Oil Temperature sensor is shortedThe TCM read 0 volts.	
77	Kickdown Switch is shorted, or TPS is openThe TCM read kickdown when the throttle position sensor was less than 70 percent.	
82*	Mode Switch is in an undefined state.  The TCM read a gear selector mode other than P, R, N, D, 3, 2, or L.	

\* These codes may not set on early Trooper models.

FOR "SPECIAL NOTE" ON 1990-1993 MODELS, SEE NEXT PAGE.



#### SPECIAL NOTES FOR 1990-1993 MODELS ONLY

#### 1990-1991 MODELS ONLY

NOTE: On 1990-1991 models, equipped with 2.8L engine, the engine coolant temperature must be above 68°F (20°C), for Torque Converter Clutch operation.

NOTE: On 1990-1991 models, equipped with 3.1L engine, the engine coolant temperature must be above 113°F (45°C), for Torque Converter Clutch operation.

#### 1992-1993 MODELS ONLY

NOTE: On 1992-93 models, if road test is performed with engine coolant temperature less than 158°F (70°C), shift speeds will be delayed during light throttle application and occur at a slightly higher speed.

NOTE: On 1992-1993 models, engine coolant temperature must be greater than 158°F (70°C) for TCC operation. The TCC operates in 2nd gear kickdown when engine coolant temperature is greater than 158°F (70°C). The TCC operates in 2nd, 3rd and 4th gear when transmission fluid temperature is greater than 284°F (140°C). If the transmission oil temperature is above 293°F (145°C), the "CHECK TRANS" light will be constantly ON, (Not Flashing), and goes off again when TOT is below 257°F (125°C).

Figure 10



TROUBLE		
CODE	DESCRIPTION	
11	OUTPUT SPEED SENSOR SIGNAL FAILURE	
13	ENGINE SPEED SENSOR SIGNAL FAILURE	
*15	TRANSMISSION OIL TEMPERATURE SENSOR OPEN OR SHORTED TO VOLTAGE	
*16	TRANSMISSION OIL TEMPERATURE SENSOR SHORTED TO GROUND	
21	THROTTLE POSITION SENSOR OPEN OR SHORTED TO BATTERY VOLTAGE	
22	THROTTLE POSITION SENSOR SHORTED TO GROUND	
23	THROTTLE POSITION SENSOR CIRCUIT OPEN	
25	SUPPLY VOLTAGE TOO LOW (LESS THAN 9 VOLTS)	
26	SUPPLY VOLTAGE TOO HIGH (GREATER THAN 16 VOLTS)	
31	1-2/3-4 SHIFT SOLENOID OPEN OR SHORTED TO GROUND	
32	2-3 SHIFT SOLENOID OPEN OR SHORTED TO GROUND	
**33	TCC SOLENOID CIRCUIT OPEN OR SHORTED TO BATTERY VOLTAGE	
34	BAND APPLY SOLENOID CIRCUIT OPEN OR SHORTED TO GROUND	
35	FORCE MOTOR SOLENOID CIRCUIT OPEN OR SHORTED TO GRND OR VOLTAGE	
36	SHIFT SOLENOID CIRCUIT OPEN OR SHORTED TO GROUND	
37	TORQUE MANAGEMENT SERIAL LINE FAULTY	
41	1-2/3-4 SOLENOID CIRCUIT SHORTED TO BATTERY VOLTAGE	
42	2-3 SHIFT SOLENOID CIRCUIT SHORTED TO BATTERY VOLTAGE	
*43	TCC SOLENOID CIRCUIT SHORTED TO GROUND	
44	BAND APPLY SOLENOID CIRCUIT SHORTED TO BATTERY VOLTAGE	
46	SHIFT SOLENOID CIRCUIT SHORTED TO BATTERY VOLTAGE	
*51	ENGINE COOLANT SWITCH SHORTED TO GROUND, VOLTAGE, OR OPEN	
*52	KICKDOWN ALWAYS ON OR SHORTED TO GROUND	
*53	MODE SWITCH IN "P", "N" OR "R" BAD POSITION	
54	MODE SWITCH, ILLEGAL POSITION	

<sup>\*</sup> No "CHECK TRANS" light and transmission will not enter "Limp Mode" when DTC is set.

NOTE: If road test is performed with engine coolant temperature less than  $158^{\circ}F$  ( $70^{\circ}C$ ), shift speeds will be delayed during light throttle application and occur at a slightly higher speed.

NOTE: Engine coolant temperature must be greater than 158°F (70°C) for TCC operation. The TCC operates in 2nd gear kickdown when engine coolant temperature is greater than 158°F (70°C). The TCC operates in 2nd, 3rd and 4th gear when transmission fluid temperature is greater than 284°F (140°C). If the transmission oil temperature is above 293°F (145°C), the "CHECK TRANS" light will be constantly ON, (Not Flashing), and goes off again when TOT is below 257°F (125°C).

1994-1995 CODES CONTINUED ON NEXT PAGE

<sup>\*\*</sup> Flashes "CHECK TRANS" light on instrument panel, but will not enter "Limp Mode" when DTC is set.



TROUBLE	1994-1995 MODELS ONLY (Continued)
CODE	DESCRIPTION
*55	BRAKE SWITCH OPEN, OR SHORTED TO GROUND
*56	BRAKE SWITCH SHORTED TO BATTERY VOLTAGE
61	GEAR ERROR
62	DOWNSHIFT PROTECTION
63	EPROM CSUM FAILURE
*64	TCC VALVE STUCK ON (1994 MODELS ONLY)
*65	TCC VALVE STUCK OFF (1994 MODELS ONLY)
82	SHIFT OR BAND APPLY SOLENOIDS FAULTY DURING DRIVING

<sup>\*</sup> No "CHECK TRANS" light and transmission will not enter "Limp Mode" when DTC is set.

NOTE: If road test is performed with engine coolant temperature less than  $158^{\circ}F$  ( $70^{\circ}C$ ), shift speeds will be delayed during light throttle application and occur at a slightly higher speed.

NOTE: Engine coolant temperature must be greater than 158°F (70°C) for TCC operation. The TCC operates in 2nd gear kickdown when engine coolant temperature is greater than 158°F (70°C). The TCC operates in 2nd, 3rd and 4th gear when transmission fluid temperature is greater than 284°F (140°C). If the transmission oil temperature is above 293°F (145°C), the "CHECK TRANS" light will be constantly ON, (Not Flashing), and goes off again when TOT is below 257°F (125°C).

<sup>\*\*</sup> Flashes "CHECK TRANS" light on instrument panel, but will not enter "Limp Mode" when DTC is set.



CODE   DESCRIPTION   TYPE   ENGINE   TRANS		1996-1997 MODELS ONLY			
P0560 System Voltage Malfunction D P0705 Transmission Range Switch (Mode Switch) D Illegal Position P0706 Transmission Range Switch (Mode Switch) D Performance P0711 Transmission Fluid Temperature (TFT) D Sensor Circuit Range/Performance P0712 Transmission Fluid Temperature (TFT) D Sensor Circuit Low Input P0713 Transmission Fluid Temperature (TFT) D Sensor Circuit High Input P0719 TCC Brake Switch Circuit High (Stuck On) D P0722 Transmission Output Speed Sensor (OSS) A ON Flash Low Input P0723 Transmission Output Speed Sensor (OSS) A ON Flash Intermittent D P0724 TCC Brake Switch Circuit Low (Stuck Off) D P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) C Flash P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash		DESCRIPTION			CHECK TRANS
P0705 Transmission Range Switch (Mode Switch)  P0706 Transmission Range Switch (Mode Switch)  Performance  P0711 Transmission Fluid Temperature (TFT)  Sensor Circuit Range/Performance  P0712 Transmission Fluid Temperature (TFT)  Sensor Circuit Low Input  P0713 Transmission Fluid Temperature (TFT)  Sensor Circuit High Input  P0719 TCC Brake Switch Circuit High (Stuck On)  P0722 Transmission Output Speed Sensor (OSS)  Low Input  P0723 Transmission Output Speed Sensor (OSS)  Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio  P0742 Torque Converter Clutch Circuit (Stuck On)  P0743 Pressure Control Solenoid (PCS)  (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed  B ON Flash  P0753 Shift Solenoid A Performance Without Input Speed  B ON Flash  P0756 Shift Solenoid B Performance Without Input Speed  B ON Flash	P0218	Transmission Fluid Over Temperature	D		
Illegal Position   P0706   Transmission Range Switch (Mode Switch)   D   Performance   P0711   Transmission Fluid Temperature (TFT)   Sensor Circuit Range/Performance   P0712   Transmission Fluid Temperature (TFT)   D   Sensor Circuit Low Input   P0713   Transmission Fluid Temperature (TFT)   D   Sensor Circuit High Input   P0719   TCC Brake Switch Circuit High (Stuck On)   D   P0722   Transmission Output Speed Sensor (OSS)   A   ON   Flash Low Input   P0723   Transmission Output Speed Sensor (OSS)   A   ON   Flash Intermittent   P0724   TCC Brake Switch Circuit Low (Stuck Off)   D   P0730   Transmission Incorrect Gear Ratio   C   Flash P0742   Torque Converter Clutch Circuit (Stuck On)   A   ON   Flash P0748   Pressure Control Solenoid (PCS)   C   Flash (Force Motor) Circuit Electrical   P0751   Shift Solenoid A Performance Without Input Speed   B   ON   Flash P0753   Shift Solenoid A Circuit Electrical   A   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B Performance Without Input Speed   B   ON   Flash P0756   Shift Solenoid B P0750   Shift So	P0560	System Voltage Malfunction	D		
Performance  P0711 Transmission Fluid Temperature (TFT) Sensor Circuit Range/Performance  P0712 Transmission Fluid Temperature (TFT) Desensor Circuit Low Input  P0713 Transmission Fluid Temperature (TFT) Desensor Circuit High Input  P0719 TCC Brake Switch Circuit High (Stuck On) Description of Low Input  P0720 Transmission Output Speed Sensor (OSS) A ON Flash Low Input  P0721 Transmission Output Speed Sensor (OSS) A ON Flash Intermittent  P0722 Transmission Output Speed Sensor (OSS) A ON Flash Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off) Desented Sensor (OSS) Desented	P0705	` ` '	D		
Sensor Circuit Range/Performance  P0712 Transmission Fluid Temperature (TFT) Sensor Circuit Low Input  P0713 Transmission Fluid Temperature (TFT) Sensor Circuit High Input  P0719 TCC Brake Switch Circuit High (Stuck On)  P0722 Transmission Output Speed Sensor (OSS) Low Input  P0723 Transmission Output Speed Sensor (OSS) Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid B Performance Without Input Speed B ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0706	· · · · · · · · · · · · · · · · · · ·	D		
Sensor Circuit Low Input  P0713 Transmission Fluid Temperature (TFT) Sensor Circuit High Input  P0719 TCC Brake Switch Circuit High (Stuck On)  P0722 Transmission Output Speed Sensor (OSS) Low Input  P0723 Transmission Output Speed Sensor (OSS) Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0711		D		
Sensor Circuit High Input  P0719 TCC Brake Switch Circuit High (Stuck On)  P0722 Transmission Output Speed Sensor (OSS) Low Input  P0723 Transmission Output Speed Sensor (OSS) Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash  P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash  P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash  P0753 Shift Solenoid B Performance Without Input Speed B ON Flash  P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0712		D		
P0722 Transmission Output Speed Sensor (OSS) Low Input  P0723 Transmission Output Speed Sensor (OSS) Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid B Performance Without Input Speed B ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0713		D		
Low Input  P0723 Transmission Output Speed Sensor (OSS) Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid B Performance Without Input Speed B ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0719	TCC Brake Switch Circuit High (Stuck On)	D		
Intermittent  P0724 TCC Brake Switch Circuit Low (Stuck Off)  P0730 Transmission Incorrect Gear Ratio C Flash  P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash  P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash  P0753 Shift Solenoid A Circuit Electrical A ON Flash  P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0722		A	ON	Flash
P0730 Transmission Incorrect Gear Ratio C Flash P0742 Torque Converter Clutch Circuit (Stuck On) A ON Flash P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash	P0723		A	ON	Flash
P0742 Torque Converter Clutch Circuit (Stuck On)  P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash  TYPE DEFINITION	P0724	TCC Brake Switch Circuit Low (Stuck Off)	D		
P0748 Pressure Control Solenoid (PCS) (Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash  TYPE DEFINITION	P0730	Transmission Incorrect Gear Ratio	С		Flash
(Force Motor) Circuit Electrical  P0751 Shift Solenoid A Performance Without Input Speed B ON Flash P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash  TYPE DEFINITION	P0742	Torque Converter Clutch Circuit (Stuck On)	A	ON	Flash
P0753 Shift Solenoid A Circuit Electrical A ON Flash P0756 Shift Solenoid B Performance Without Input Speed B ON Flash  TYPE DEFINITION	P0748		С		Flash
P0756 Shift Solenoid B Performance Without Input Speed B ON Flash  TYPE DEFINITION	P0751	Shift Solenoid A Performance Without Input Speed	В	ON	Flash
TYPE DEFINITION	P0753	Shift Solenoid A Circuit Electrical	A	ON	Flash
	P0756	Shift Solenoid B Performance Without Input Speed	В	ON	Flash
	ТҮРЕ	DEFINITION			
	A		Check Trans	s on 1st failu	ıre.

TYPE	DEFINITION	
A	Emission related, turn on MIL (Check Engine) and flashing Check Trans on 1st failure.	
В	Emission related, turn on MIL (Check Engine) and flashing Check Trans after two consecutive trips with a failure.	
C	Non-emission related, flashing Check Trans on 1st failure.	
D	Non-emission related, no warning lamps.	

1996-1997 CODES CONTINUED ON NEXT PAGE



	1996-1997 MODELS ONLY (Continued)				
TROUBLE CODE	DESCRIPTION	DTC TYPE	CHECK ENGINE	CHECK TRANS	
P0758	Shift Solenoid B Circuit Electrical	A	ON	Flash	
P1790	ROM Transmission Side Bad, Check Sum	A	ON	Flash	
P1792	EEROM Transmission Side Bad, Check Sum	A	ON	Flash	
P1835	Kick Down Switch Always ON	D			
P1850	Band Apply Solenoid Malfunction	D			
P1860	TCC/PWM Solenoid Electrical	A	ON	Flash	
P1870	Transmission Component Slipping	A	ON	Flash	

TYPE	DEFINITION
A	Emission related, turn on MIL (Check Engine) and flashing Check Trans on 1st failure.
В	Emission related, turn on MIL (Check Engine) and flashing Check Trans after two consecutive trips with a failure.
С	Non-emission related, flashing Check Trans on 1st failure.
D	Non-emission related, no warning lamps.

NOTE: If road test is performed with engine coolant temperature less than 158 $^{\circ}$ F (70 $^{\circ}$ C), shift speeds will be delayed during light throttle application and occur at a slightly higher speed.

NOTE: Engine coolant temperature must be greater than 158°F (70°C) for TCC operation. The TCC operates in 2nd gear kickdown when engine coolant temperature is greater than 158°F (70°C). The TCC operates in 2nd, 3rd and 4th gear when transmission fluid temperature is greater than 284°F (140°C). If the transmission oil temperature is above 284°F (140°C), the "CHECK TRANS" light will be constantly ON, (Not Flashing), and goes off again when TOT is below 266°F (130°C).