

**1993 Dodge Spirit**

1993-95 AUTOMATIC TRANSMISSIONS Chrysler Corp. - 41TE/AE Electronic Diagnosis

**TROUBLE CODE IDENTIFICATION**

<b>Code</b>	<b>DRB Display <sup>(1)</sup></b>	<b>Limp-In Mode</b>	<b>Possible Cause(s):</b>
11	Internal TCM Failure	Yes	Defective TCM
12 <sup>(2)</sup>	Battery Was Disconnected	Yes	Battery Disconnected
13	Internal TCM Failure	Yes	Defective TCM
14	Relay Output Always On	Yes	Bad Transaxle Control Relay or Ckt., Defective TCM
15	Relay Output Always Off	Yes	Bad Transaxle Control Relay or Ckt., Defective TCM
16 & 17	Internal TCM Failure	Yes	Defective TCM
18	Engine Speed Sensor	Yes	Bad Electrical Connections, Crank- shaft Position Sensor, Defective TCM
19	No Response	No <sup>(3)</sup>	Bad CCD Bus Ckt. between TCM & PCM, Defective TCM or PCM
20	Switched Battery	Yes	Bad Transaxle Control Relay or Ckt., Short to Battery Voltage @ Transaxle Control Relay Ckt., Defective TCM
21	OD Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
22	2-4 Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
23	2-4/OD Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
24	LR Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
25	LR/OD Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
26	LR/2-4 Pressure Switch Ckt	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
27	All Pressure Switch Ckts	Yes	Wrong Transaxle Fluid Level, Bad Pressure Sw. Ckt., Bad Pressure Sw. in Solenoid Assembly, Defective TCM, Internal Transaxle Failure
28	Check Shifter	No <sup>(4)</sup>	Bad Park/Neutral Switch or Ckt., Bad Trans.

# 1993 Dodge Spirit

1993-95 AUTOMATIC TRANSMISSIONS Chrysler Corp. - 41TE/AE Electronic Diagnosis

	Signal		Range Switch or Ckt., Bad or Disconnected Back-Up Light Relay, Open or Shorted Starter Relay Ground Ckt.
29	Throttle Position Signal	No <sup>(5)</sup>	Defective TPS or Ckt., Defective TCM or PCM
31	OD Hydraulic Pressure Sw.	Yes	Wrong Transaxle Fluid Level, Defective Solenoid Assembly, Internal Transaxle Failure
32	2-4 Hydraulic Pressure Sw.	Yes	Wrong Transaxle Fluid Level, Bad Defective Solenoid Assembly, Internal Transaxle Failure
33	OD/2-4 Pressure Sw.	Yes	Wrong Transaxle Fluid Level, Bad Defective Solenoid Assembly, Internal Transaxle Failure
35	Loss of Prime	Yes	Low Transaxle Fluid Level, Bad or Restricted Oil filter, Missing Oil Filter "O" Ring, Defective Oil Cooler Line Fitting(s)
36 <sup>(6)</sup>	Fault Right After Shift	Yes	Internal Transaxle Failure
37	Solenoid Sw. Valve in LU Position	No <sup>(7)</sup>	Internal Transaxle Failure
38	TCC Control	No <sup>(5)</sup>	Wrong Transaxle Fluid Level, Internal Transaxle Failure
41	LR Solenoid Circuit	Yes	Bad Solenoid Assembly or Ckt., Defective TCM
42	2-4 Solenoid Circuit	Yes	Bad Solenoid Assembly or Ckt., Defective TCM
43	OD Solenoid Circuit	Yes	Bad Solenoid Assembly or Ckt., Defective TCM
44	UD Solenoid Circuit	Yes	Bad Solenoid Assembly or Ckt., Defective TCM
45	Internal TCM Failure	*	Defective TCM
46	UD Hydraulic Circuit	*	Internal Transaxle Failure
47	Solenoid Sw. Valve in LR Position	Yes	Internal Transaxle Failure
48 <sup>(8)</sup>	Torque Management	No	CCD Bus Communication Problem
50	Speed Error in Reverse	Yes	Defective Input or Output Speed Sensor or Ckt., Defective TCM, Internal Transaxle Failure
51	Speed Error in First	Yes	Defective Input or Output Speed Sensor or Ckt., Defective TCM, Internal Transaxle Failure
52	Speed Error in Second	Yes	Internal Transaxle Failure
53	Speed Error in Third	Yes	Internal Transaxle Failure

**1993 Dodge Spirit**

1993-95 AUTOMATIC TRANSMISSIONS Chrysler Corp. - 41TE/AE Electronic Diagnosis

54	Speed Error in Fourth	Yes	Internal Transaxle Failure
56	Input Speed Sensor Error	Yes	Defective Input Speed Sensor or Ckt., Defective TCM
57	Output Speed Sensor Error	Yes	Defective Output Speed Sensor or Ckt., Defective TCM
58	Speed Sensor's Ground	Yes	Open in Output Speed Sensor Ground Ckt., Defective TCM
60 <sup>(9)</sup>	Inadequate LR Element Volume	No	Internal Transaxle Failure
61 <sup>(10)</sup>	Inadequate 2-4 Element Volume	No	Internal Transaxle Failure
62 <sup>(11)</sup>	Inadequate OD Element Volume	No	Internal Transaxle Failure

- (1) When using DRB, display may show LR, OD, or UD. LR indicates Low-Reverse, OD indicates Overdrive, and UD indicates Underdrive.
- (2) Not a transaxle trouble code. For reference only to indicate that the battery was disconnected.
- (3) For a few minutes after engine is started, transaxle may have a delayed 3-4 upshift, early 4-3 downshift and no torque converter clutch operation.
- (4) No Limp-In mode is caused by this trouble code. If incorrect gearshift lever signals are received, this may result in other diagnostic codes which may cause a Limp-In mode.
- (5) No Limp-In mode is caused by this trouble code. If trouble code exists, there will be no torque converter clutch operation, no 4th gear, and a limited shift schedule.
- (6) Code 36 is never stored alone. It is stored if a speed error code (Codes 50-58) is detected.
- (7) No Limp-In mode is caused by this trouble code. If trouble code exists, there will be no 1st gear as 2nd gear is substituted and no torque converter clutch operation.
- (8) No Limp-In mode is caused by this trouble code. If trouble code exists, there will be no torque converter clutch operation.
- (9) Applies to 3.5L models only.
- (10) Typical clutch volume for LR (Low-Reverse) clutch is 35-83.
- (11) Typical clutch volume for 2-4 clutch is 20-77.
- (0) Typical clutch volume for OD (Overdrive) clutch is 75-150.