



## MAZDA LA4A-EL AND FORD CD4E DIAGNOSTIC CONNECTOR LOCATIONS AND CODE RETRIEVAL

### MAZDA: 1994-95 MX6/626

#### FORD: 1994-95 PROBE/CONTOUR/MYSTIQUE

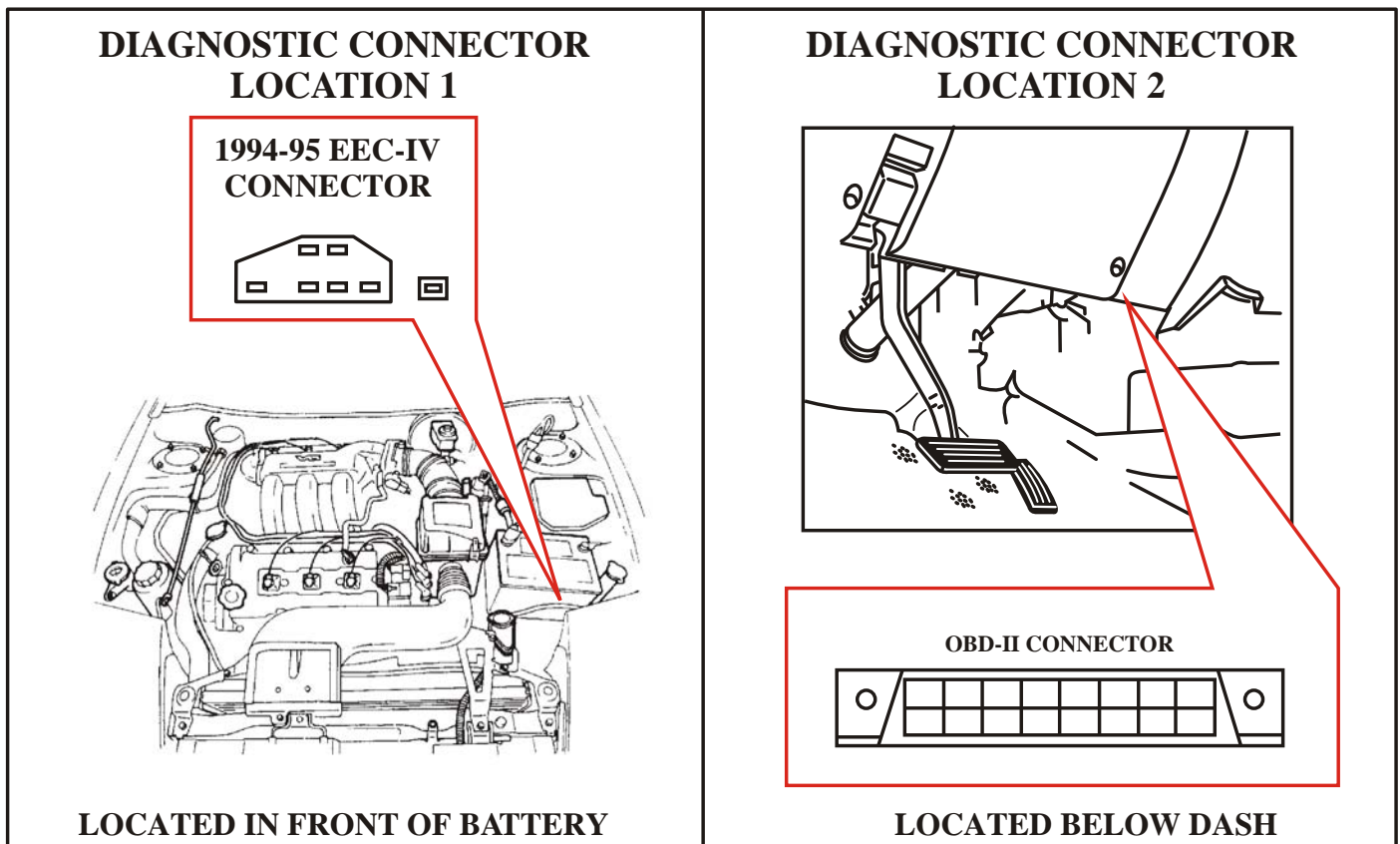
The HOLD(*Mazda*) or O/D(*Ford*) light will flash if transmission related trouble codes are being stored. The EEC IV connector is located in front of the battery on the driver side of the vehicle (See Figure 1). To retrieve trouble codes, a scan tool **must** be used on the EEC IV connector.

**NOTE:** On MAZDA vehicles it may be necessary to enter **FORD** V.I.N. Numbers in order to access trouble codes. Enter the V.I.N. Letters "T" for the 5th digit, "A" for the 8th digit, and "R" for the 10th digit, in that order, when obtaining codes from a MAZDA. (Refer to Figure 2 for 1994 trouble codes, Figure 3 for 1995 trouble codes).

### MAZDA: 1996-UP MX6/626

#### FORD: 1996-UP PROBE/CONTOUR/MYSTIQUE

The HOLD(*Mazda*) or O/D(*Ford*) light will flash if transmission related trouble codes are being stored. The OBDII connector is located underneath the dash (See Figure 1). To retrieve trouble codes, a scan tool **must** be used.. (Refer to Figure 4 for 1996-UP OBDII Codes).



## 1994 TROUBLE CODES

CODE NO.	CODE DEFINITION
121	THROTTLE POSITION SENSOR
122	THROTTLE POSITION SENSOR
123	THROTTLE POSITION SENSOR
452	VEHICLE SPEED SENSOR
522	TRANSMISSION RANGE SENSOR
621	SHIFT SOLENOID 1
622	SHIFT SOLENOID 2
623	O/D OFF LIGHT
624	ELECTRONIC PRESSURE SOLENOID
625	ELECTRONIC PRESSURE SOLENOID
628	TCC ERROR
634	TRANSMISSION RANGE SENSOR
636	TRANS. FLUID TEMP. SENSOR
637	TRANS. FLUID TEMP. SENSOR
638	TRANS. FLUID TEMP. SENSOR
639	TURBINE SPEED SENSOR
652	TORQUE CONVERTER SOLENOID
653	O/D OFF LIGHT
657	TRANS. FLUID TEMP. SENSOR
667	TRANSMISSION RANGE SENSOR
668	TRANSMISSION RANGE SENSOR
675	TRANSMISSION RANGE SENSOR

Figure 2

## 1995 TROUBLE CODES

CODE NO.	CODE DEFINITION
121	THROTTLE POSITION SENSOR
452	VEHICLE SPEED SENSOR
522	TRANSMISSION RANGE SENSOR
621	SHIFT SOLENOID 1
622	SHIFT SOLENOID 2
624	ELECTRONIC PRESSURE SOLENOID
628	TCC ERROR
634	TRANSMISSION RANGE SENSOR
636	TRANS. FLUID TEMP. SENSOR
637	TRANS. FLUID TEMP. SENSOR
638	TRANS. FLUID TEMP. SENSOR
639	TURBINE SPEED SENSOR
641	3-2 TIMING SOLENOID
645	1ST GEAR RATIO ERROR
646	2ND GEAR RATIO ERROR
647	3RD GEAR RATIO ERROR
648	4TH GEAR RATIO ERROR
652	TORQUE CONVERTER SOLENOID
657	TRANS. FLUID TEMP. SENSOR
667	TRANSMISSION RANGE SENSOR

Figure 3

## 1996-UP OBDII CODES

CODE NO.	CODE DEFINITION
P0102	MASS AIR FLOW SENSOR
P0103	MASS AIR FLOW SENSOR
P0117	ECT INDICATES 254 DEGREES F.
P0118	ECT INDICATES -40 DEGREES F.
P0122	THROTTLE POSITION SENSOR
P0123	THROTTLE POSITION SENSOR
P0500	VEHICLE SPEED SENSOR
P0503	VEHICLE SPEED SENSOR
P0703	BRAKE ON/OFF SWITCH
P0707	TRANS. RANGE SENSOR (OPEN)
P0708	TRANS. RANGE SENSOR (SHORTED)
P0712	TRANS. FLUID TEMP. SENSOR
P0713	TRANS. FLUID TEMP. SENSOR
P0715	TRANSMISSION SPEED SENSOR
P0731	1ST GEAR RATIO ERROR
P0732	2ND GEAR RATIO ERROR
P0733	3RD GEAR RATIO ERROR
P0734	4TH GEAR RATIO ERROR
P0741	TCC RATIO ERROR
P0743	TCC CIRCUIT ERROR
P0750	SHIFT SOLENOID 1 CIRCUIT ERROR
P0755	SHIFT SOLENOID 2 CIRCUIT ERROR
P1100	MASS AIR FLOW SENSOR
P1101	MASS AIR FLOW SENSOR
P1116	ECT OUT OF RANGE
P1120	THROTTLE POSITION SENSOR
P1124	THROTTLE POSITION SENSOR
P1125	THROTTLE POSITION SENSOR
P1500	VEHICLE SPEED SENSOR INPUT
P1501	VEHICLE SPEED SENSOR INPUT
P1503	VEHICLE SPEED SENSOR INPUT
P1703	BRAKE ON/OFF SWITCH
P1705	TRANSMISSION RANGE NOT IN PARK
P1711	TRANS. FLUID TEMP. SENSOR
P1746	OPEN PCM OUTPUT DRIVER
P1747	EPC SOLENOID CIRCUIT FAILURE
P1751	SHIFT SOLENOID 1 CIRCUIT FAILURE
P1756	SHIFT SOLENOID 2 CIRCUIT FAILURE
P1780	CYCLE O/D OFF SWITCH
P1783	ATF TEMP GREATER THAN 270 DEGREES
P1788	3 2/CCS
P1789	3 2/CCS

Figure 4