

Trouble Code Identification Chart

NOTE: Always ground the test lead/terminal AFTER the engine is running

Trouble Code	Applicable System	Possible Problem Area
12	C-4, CCC	No reference pulses to the ECM. This is not stored in the memory and will only flash when the fault is present (not to be confused with the Code 12 discussed earlier).
13	C-4, CCC	Oxygen sensor circuit. The engine must run for at least 5 min. (18 min. on the C-4 equipped 231 V6) at part throttle before this code will show.
13 & 14 (at same time)	C-4	See code 43.
13 & 14 (at same time)	C-4	See code 43.
14	C-4, CCC	Shorted coolant sensor circuit. The engine must run 2–5 min. before this code will show.
15	C-4, CCC	Open coolant sensor circuit. The engine must run for at least 5 min. (18 min. on the C-4 equipped 231 V6) before this code will show.
21	C-4 C-4, CCC	Shorted wide open throttle switch and/or open closed-throttle switch circuit (when used). Throttle position sensor circuit. The engine must run for at least 10 sec. (25 sec.—CCC) below 800 rpm before this code will show.
21 & 22 (at same time)	C-4	Grounded wide open throttle switch circuit (231 V6).
22	C-4	Grounded closed throttle or wide open throttle switch circuit (231 V6).
23	C-4, CCC	Open or grounded carburetor mixture control (M/C) solenoid circuit.
24	CCC	Vehicle speed sensor circuit. The engine must run for at least 5 min, at normal speed before this code will show.
32	C-4, CCC	Barometric pressure sensor (BARO) circuit output is low.
32 & 55 (at same time)	C-4	Grounded +8V terminal or V(REF) terminal for BARO sensor, or a faulty ECM.
34	C-4 CCC	Manifold absolute pressure sensor (MAP) output is high. The engine must run for at least 10 sec. below 800 rpm before this code will show. Manifold absolute pressure sensor (MAP) circuit or vacuum sensor circuit. The engine must run for at least 5 min. below 800 rpm before this code will show.
35	CCC	Idle speed control circuit shorted. The engine must run for at least 2 sec. above ½ throttle before this code will show.
42	CCC	Electronic spark timing (EST) bypass circuit grounded.

Ford F150 Fault Codes

Ford Motor Company

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the Ford Motor Company text.

Ford F150 Fault Codes:

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Chrysler Onboard Diagnostics Automotive Training Group, 2009

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