

## SERVICE CODE

## SERVICE CODE DEFINITION

11 orc ►  
12 r ►  
13 r ►

System PASS  
Cannot control rpm during Self-Test high rpm check  
Cannot control rpm during Self-Test low rpm check

14 c ►  
15 o ►  
15 c ►

PIP circuit failure  
ECA Read Only Memory (ROM) test failed  
ECA Keep Alive Memory (KAM) test failed

18 r ►  
18 c ►  
19 o ►

SPOUT circuit open  
Loss of IDM input to Processor/SPOUT circuit grounded  
Failure in ECA internal voltage

21 or ►  
22 orc ►  
23 or ►

Engine Coolant Temperature (ECT) out of Self-Test range  
Manifold Absolute Pressure (MAP) out of Self-Test range  
Throttle Position (TP) out of Self-Test range

24 or ►  
25 r ►  
29 c ►

Air Charge Temperature (ACT) out of Self-Test range  
Knock not sensed during Dynamic Response Test  
Insufficient input from the Vehicle Speed Sensor (VSS)

31 orc ►  
32 orc ►  
33 rc ►

EGR Valve Position (EVP) circuit below minimum voltage  
EVP voltage below closed limit  
EGR valve opening not detected

34 orc ►  
35 orc ►  
41 r ►

EVP voltage is above closed limit  
EVP circuit above maximum voltage  
HEGO sensor circuit indicates system lean

41 c ►  
42 r ►  
44 r ►

No HEGO switch detected  
HEGO sensor circuit indicates system rich  
Thermactor air system inoperative

45 r ►  
46 r ►  
51 oc ►

Thermactor air upstream during Self-Test  
Thermactor air not bypassed during Self-Test  
ECT indicated - 40°F/circuit open

52 o ►  
52 r ►  
53 oc ►

Power Steering Pressure Switch (PSPS) circuit open  
PSPS circuit did not change states  
TP circuit above maximum voltage

54 oc ►  
61 oc ►  
63 oc ►

ACT indicated - 40°F/circuit open  
ECT indicated 254°F/circuit grounded  
TP circuit below minimum voltage

64 oc ►  
67 o ►  
72 r ►

ACT indicated 254°F/circuit grounded  
Neutral Drive Switch (NDS) circuit open/A/C ON  
Insufficient MAP change during Dynamic Response Test

73 r ►  
77 r ►  
81 o ►

Insufficient TP change during Dynamic Response Test  
Operator Error (Dynamic Response/Cylinder Balance Tests)  
Air Management 2 (AM2) circuit failure

82 o ►  
84 o ►  
87 oc ►

Air Management 1 (AM1) circuit failure  
EGR Vacuum Regulator (EVR) circuit failure  
Primary Fuel pump circuit failure

95 oc ►  
96 oc ►  
98 r ►

Fuel Pump circuit open - ECA to motor ground  
Fuel Pump circuit open - battery to ECA  
Hard fault present

NO CODES ►

Unable to initiate Self-Test or unable to output Self-Test codes

CODES NOT LISTED ►

Service codes displayed are not applicable to the vehicle being tested

KEY: o = Key On Engine Off (KOEO) r = Engine Running (ER) c = Continuous Memory

# Ford F150 Diagnostic Codes

**David Kirk**

A red circular graphic with a gradient, appearing as a stylized arrow or a light effect, positioned to the right of the author's name.

## Ford F150 Diagnostic Codes:

*Meyer Distributing 2008* , **How to Tune and Modify Ford Fuel Injection** Ben Watson, Popular Mechanics ,1992-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle **Popular Mechanics** ,1982-04 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *Domestic light trucks & vans tune-up, mechanical, service & repair, 1983* National Service Data,1983 Ford Onboard Diagnostics Automotive Training Group,2009 **Heavy Truck Diagnostic Trouble Codes, Includes Medium Trucks** ,2010 **Heavy Truck Diagnostic Trouble Codes, Includes Medium Trucks** ,2013 1994 Ford Car & Truck Powertrain Control / Emissions Diagnosis Service Manual OBD-I (Doesn't Cover - 3.8L Mustang, 4.6L Thunderbird/Cougar) Ford Motor Company,2024-04-02 This 1994 Ford Car Truck Powertrain Control Emissions Diagnosis Service Manual OBD I Doesn t cover 3 8L Mustang 4 6L Thunderbird Cougar is a high quality licensed PRINT reproduction of the service manual authored by Ford Motor Company and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 2168 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1994 Ford Lincoln Mercury models are covered Aspire Crown Victoria Escort Mustang Probe Taurus Tempo Thunderbird Continental Mark VIII Town Car Capri Cougar Grand Marquis Sable Topaz Tracer Bronco Explorer F 150 F 250 F 350 Ranger Aerostar E 150 Econoline E 150 Econoline Club Wagon E 250 Econoline E 350 Econoline E 350 Econoline Club Wagon F Super Duty F 53 Motorhome Chassis F 59 Commercial Stripped Chassis CF7000 CF8000 F 600 F 700 F 800 LN7000 LN8000 B 600 B 700 L8000F CFT8000 L9000 LA9000 LS9000 LLA9000 LLS9000 LT9000 LTA9000 LTLA9000 LTLS9000 LTS9000 LA8000F LS8000F LT8000F LTS8000F LNT8000F LL9000 LN9000 LTL9000 LNT9000 F 600 LPO FT900 P 600 F 700 LPO This factory written Detroit Iron shop manual is perfect for the restorer or anyone working on one of these vehicles **Chrysler Onboard Diagnostics** Automotive Training Group,2009 The RELLIM Code Book ,2005 F100 F150 Ford Truck Used Parts Buyers Guide Paul Herd,2014-10-16 A interchange guide for 1967 1979 Ford Truck pick up parts Includes body trim and glass 1996 Ford Truck OBD-I Powertrain Control / Emissions Diagnosis Service Manual (7.0L F-Series, 5.8L E/F-Series Above 8,500 GVW, 7.5L E/F-Series Over 14,000 GVW, F, B, Cargo & L-Series) Ford Motor Company,2024-04-02 This 1996 Ford Truck OBD I Powertrain Control Emissions Diagnosis Service Manual 7 0L F Series 5 8L E F Series above 8 500 GVW 7

5L E F Series over 14 000 GVW F B Cargo L Series is a high quality licensed PRINT reproduction of the service manual authored by Ford Motor Company and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 1262 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1996 Ford models are covered Econoline Super Duty F Super Duty F 53 Motorhome Chassis F 59 Commercial Stripped Chassis CF7000 CF8000 F 700 F 800 LN7000 LN8000 B 800 L8513 LT8513 A9513 AT9513 L9513 LT9513 L8000F CFT8000 L9000 LA9000 LS9000 LLA9000 LLS9000 LT9000 LTA9000 LTLA9000 LTLS9000 LTS9000 LA8000F LS8000F LT8000F LTS8000F LL9000 LN9000 LTL9000 LNT9000 F 800 LPO B 800F P 800 FT900 F 700 LPO This factory written Detroit Iron shop manual is perfect for the restorer or anyone working on one of these vehicles *Ford Code Reader* ,1996 *How to Customize Your Ford F-150 Truck, 1997-2008* ,2008 More information to be announced soon on this forthcoming title from Penguin USA **2025 Ford F150 Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book** Helming,2025-03-03 *2000 Ford F-150* Ford Motor Company,1999 **2024 Ford F150 Owner Manual Compatible with OEM Owners Manual, Factory Glovebox Book** Helming,2024-04-08 **Owner Manual Compatible with 2016 Ford F150 - OEM Owners Manual, Factory Glovebox Book** Helming,2016-11-14 Owner Manual Compatible with 2020 Ford F150 - OEM Owners Manual, Factory Glovebox Book. Helming,2020-01-16

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