

SERVICE CODE				SERVICE CODE DEFINITION
634	67	c	▶	MLP sensor out of range; A/C ON (E4OD)
619	68	c	▶	3-4 shift error (E4OD)
129	72	r	▶	Insufficient MAP change during Dynamic Response Test
167	73	r	▶	Insufficient TP change during Dynamic Response Test
536	74	rc	▶	Brake On/Off (BOO) circuit open — not actuated during Self-Test
538	77	r	▶	Operator error Dynamic Response Test
553	81	o	▶	Air Management 2 (AM2) circuit failure
128	81	c	▶	MAP Vacuum circuit failure
552	82	o	▶	Air Management 1 (AM1) circuit failure
558	84	o	▶	EGR Vacuum Regulator (EVR) circuit failure
565	85	o	▶	Canister Purge (CANP) circuit failure
556	87	oc	▶	Primary fuel pump circuit failure
629	89	o	▶	Converter Clutch Control (CCC) solenoid circuit failure (E4OD)
621	91	o	▶	Shift Solenoid 1 (SS1) circuit failure (E4OD)
622	92	o	▶	Shift Solenoid 2 (SS2) circuit failure (E4OD)
626	93	o	▶	Coast Clutch Solenoid (CCS) circuit failure (E4OD)
542	95	oc	▶	Fuel Pump circuit open - EEC processor to motor ground
543	96	oc	▶	Fuel Pump circuit open - battery to EEC processor
631	97	o	▶	Overdrive Cancel Indicator Light (DCIL) circuit failure (E4OD)
625	98	o	▶	Electronic Pressure Control (EPC) driver failure in processor (E4OD)
998	98	r	▶	Hard fault present
624	99	oc	▶	Electronic Pressure Control (EPC) circuit failure (E4OD)
NO CODES				Unable to initiate Self-Test or unable to output Self-Test codes
CODES NOT LISTED				Services codes displayed are not applicable to the vehicle being tested

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

# Fault Codes Ford Ranger

**Tom Denton**

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.

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violations of the Clean Air Act based on information that is available from the vehicle's OBD system. Many states now require vehicles to pass an OBD check to renew the registration making proper operation even more important to consumers.

**OBD I**  
**OBD II**

**A Complete Guide to Diagnosis Repair Emissions Compliance** is an insider's guide to modern original equipment manufacturer (OEM) diagnostics systems. As a former diagnostics and performance calibration engineer, Greg Banish guides you through critical electronic control unit (ECU) functions that ultimately lead to why the check engine light on the dash is lit. Strategies are provided for how to begin looking for a solution when problems are detected. Listing every imaginable repair is impossible, but this book provides a solid foundation from which to work by explaining the electronic control unit (ECU)'s logic in plain English. Practical examples from the author's experience highlight important lessons that will save hours of frustration and confusion. In addition to repair tips, sound advice is given for those looking to modify their vehicles while maintaining the full functionality of the emissions and diagnostics systems. Modern diagnostics systems can be a blessing or a curse depending on your level of understanding. This book helps you harness the power of the diagnostics inside the ECU to improve the ability to find and make the right repair the first time. This book shows that by using commonly available electronic tools, the consumer has the power to access a wealth of information about his or her vehicle. It also helps those who are looking to improve performance do so without compromise to the environment or enforcement agencies. Whether you want to repair the vehicle yourself or simply want to possess an understanding of how these systems work while dealing with service professionals, this is the guide you need.

*Engine Code Manual* Chilton Automotive Books, The Nichols/Chilton, Chilton, 1995. The complete manual for understanding engine codes, troubleshooting, basic maintenance, and more.

*Automotive Engine Performance* Nicholas Goodnight, Kirk VanGelder, 2019-02-20. Automotive Engine Performance, published as part of the CDX Master Automotive Technician Series, provides technicians in training with a detailed overview of modern engine technologies and diagnostic strategies. Taking a strategy-based diagnostic approach, it helps students master the skills needed to diagnose and resolve customer concerns correctly on the first attempt. Students will gain an understanding of current diagnostic tools and advanced performance systems as they prepare to service the engines of tomorrow.

**Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems** Owen C. Duffy, Gus Wright, 2015-07-13. Based on the 2014 National Automotive Technicians Education Foundation (NATEF) Medium Heavy Truck Tasks Lists and ASE Certification Test Series for truck and bus specialists, *Fundamentals of Medium Heavy Duty Commercial Vehicle Systems* is designed to address these and other international training standards. The text offers comprehensive coverage of every NATEF task with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. *Fundamentals of Medium Heavy Duty Commercial Vehicle Systems* describes safe and effective diagnostic, repair, and maintenance procedures for today's medium and heavy vehicle chassis systems, including the most current relevant and practical coverage of automated transmissions, braking system technology, and vehicle stability.

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## **Fault Codes Ford Ranger Book Review: Unveiling the Power of Words**

In a global driven by information and connectivity, the ability of words has become more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such may be the essence of the book **Fault Codes Ford Ranger**, a literary masterpiece that delves deep to the significance of words and their impact on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book's key themes, examine its writing style, and analyze its overall affect readers.

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