

# ***Electronic Automotive Transmission Troubleshooter*** ***(Domestic Vehicles)***

***A reference and pictorial guide***

***Covering General Motors,  
Ford/Lincoln/Mercury, and  
Dodge/Chrysler/Plymouth...***

***Automotive Transmission Series***

***By Mandy Concepcion***

# Gm Domestic Automotive Transmission Troubleshooter And Reference Automotive Transmission Series

**David Baud**



## **Gm Domestic Automotive Transmission Troubleshooter And Reference Automotive Transmission Series:**

**(GM) Domestic Automotive Transmission Troubleshooter and Reference** Mandy Concepcion, 2011-10 GM

Domestic Automotive Transmission Troubleshooter and Reference A reference and pictorial guide for automotive transmissions Including General Motors Vehicles By MANDY CONCEPCION The beginnings of this book GM came about after the development of the Transmission Troubleshooter software package which eventually became part of the TransDoctor PC based diagnostic equipment Both of these related products although meant for the professional side of the industry left behind a huge arsenal of data that matched perfectly with the needs of the average consumer DIY and mechanic aficionado We assumed that his information so far as the general public was concerned did not necessitated to be part of a broad software package and therefore could be offered at a lower cost to the public This book covers automotive Transmission diagnostics and electronic repair for the GM side of domestic vehicles The information was amassed during years of field work and research in the automotive industry For this reason the information is presented in a direct hands on approach and skips the basic operation of automotive transmissions If you re trying to discern the basics of automotive automatic transmissions then there are other works that could help you do that This book is meant to be used during real life repair situations and it exposes you to exactly what you need to know to solve or get an in depth knowledge of a specific problem Various concepts are covered such as Transmission DTCs or trouble codes Transmission ID shift solenoid locations component locations electrical and wiring diagrams and finally measurement values for voltage and resistance We hope you enjoy reading this work to gain knowledge and solve specific problems So without further ado enjoy Table of Contents Generic OBD 2 Transmission DTC code Listing General Motors Transmission Application 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E Transmission application GM Transmissions Component Operation 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E component operation GM Transmission Oil Pan ID Identification 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E ID or oil pan identification GM Shift Solenoids and Electrical Component Testing 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E Shift Solenoids TCC Solenoid Pressure Control Solenoid EPC TPS TCM Test Pressure Switches GM Component Location Valve Body and Check Ball Positioning 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E component location diagram valve body photo check ball diagram General Motors Shifting Truth Tables 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E shifting truth tables or shifting combination General Motors Wiring Diagrams 4L30E 4L60E 4L80E 5L50E 4T40E 4T60E 4T80E wiring diagrams

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the professional side of the industry left behind a huge arsenal of data that matched perfectly with the needs of the average consumer DIY and mechanic aficionado We assumed that his information so far as the general public was concerned did not necessitated to be part of a broad software package and therefore could be offered at a lower cost to the people This book covers Ford automotive transmission diagnostics and electronic repair for domestic vehicles The information was amassed during years of field work and research in the automotive industry For this reason the information is presented in a direct hands on approach and skips the basic operation of automotive transmissions If you re trying to discern the basics of automotive automatic transmissions then there are other works that could help you do that This book is meant to be used during real life repair situations and it exposes you to exactly what you need to know to solve or get an in depth knowledge of a specific problem Various concepts are covered such as Transmission DTCs or trouble codes Transmission ID shift solenoid locations component locations electrical and wiring diagrams and finally measurement values for voltage and resistance We hope you enjoy reading this work to gain knowledge and solve specific problem So without further ado enjoy Table of Contents Generic OBD 2 Transmission DTC code Listing Ford Lincoln Mercury Transmission Application 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 Transmission application Ford Lincoln Mercury Transmissions Component Operation 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 component operation Ford Lincoln Mercury Transmission Oil Pan ID Identification 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 Oil pan identification Ford Lincoln Mercury Shift Solenoids and Electrical Component Testing 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 Shift Solenoids TCC Solenoid Pressure Control Solenoid EPC TPS TCM Test Pressure Switches Ford Lincoln Mercury Component Location Valve Body and Check Ball Positioning 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 component location diagram valve body photo check ball diagram Ford Lincoln Mercury Shifting Truth Tables 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 Shifting truth table or shift combination Ford Lincoln Mercury Wiring Diagrams 4EAT F 4F27E 4R44E 4R55E 5R55E 5R110W 5R55N S W AODE 4R70W AX4N AX4S CD4E E4OD 4R100 Wiring diagrams (Dodge) Domestic Automotive Transmission Troubleshooter and Reference Mandy Concepcion,2011-10 Dodge Domestic Automotive Transmission Troubleshooter and Reference A reference and pictorial guide for automotive transmissions Including Chrysler Dodge Plymouth Vehicles By MANDY CONCEPCION The beginnings of this book came about after the development of the Transmission Troubleshooter software package which eventually became part of the TransDoctor PC based diagnostic equipment Both of these related products although meant for the professional side of the industry left behind a huge arsenal of data that matched perfectly with the needs of the average consumer DIY and mechanic aficionado We assumed that his information so far as the general public was concerned did not

necessitated to be part of a broad software package and therefore could be offered at a lower cost to the people This book covers automotive Dodge transmission diagnostics and electronic repair for domestic vehicles The information was amassed during years of field work and research in the automotive industry For this reason the information is presented in a direct hands on approach and skips the basic operation of automotive transmissions If you re trying to discern the basics of automotive automatic transmissions then there are other works that could help you do that This book is meant to be used during real life repair situations and it exposes you to exactly what you need to know to solve or get an in depth knowledge of a specific problem Various concepts are covered such as Transmission DTCs or trouble codes Transmission ID shift solenoid locations component locations electrical and wiring diagrams and finally measurement values for voltage and resistance We hope you enjoy reading this work to gain knowledge and solve specific problem So without further ado enjoy Table of Contents Generic OBD 2 Transmission DTC code Listing Dodge Chrysler Plymouth Transmission Application A45RFE A500 A518 A604 A618 F4A33 1 KM175 W4A33 1 Transmission Application Dodge Chrysler Plymouth Transmissions Component Operation A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Component Operation Dodge Chrysler Plymouth Transmission Oil Pan ID Identification A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Oil pan identification Dodge Chrysler Plymouth Shift Solenoids and Electrical Component Testing A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Shift Solenoids TCC Solenoid Pressure Control Solenoid EPC TPS TCM Test Pressure Switches Dodge Chrysler Plymouth Component Location Valve Body and Check Ball Positioning A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 component location diagram valve body photo check ball diagram Dodge Chrysler Plymouth Shifting Truth Tables A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 Shifting truth table or shift combination Dodge Chrysler Plymouth Wiring Diagrams A45RFE A500 A518 A604 A606 A618 F4A33 1 KM175 W4A33 1 wiring diagram 1993 Mitchell Domestic Light Trucks & Vans Service & Repair Mitchell International,1993 *Domestic light trucks & vans tune-up, mechanical, service & repair, 1983* National Service Data,1983 **Catalog of Copyright Entries. Third Series** Library of Congress. Copyright Office,1974 **Mitchell Transmission Service & Repair** Mitchell,Mitchell Information Services,1986 **1991 Mitchell Domestic Cars Service & Repair** Mitchell Manuals, inc,1991 **Popular Mechanics** ,1977-05 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 **Transmission Service and Repair** Mitchell International, Inc,Mitchell,Mitchell Information Services,1980 \1985\nineteen Eighty-five\ Domestic Light Trucks & Vans Tune-up, Mechanical Service & Repair Mitchell Information Services,1985 **Statistical Reference Index** ,1985 Subject Guide to Books in Print ,1997 **Monthly Catalog of United States Government Publications** ,1990 Monthly Catalogue, United States Public Documents ,1990-11 **Commerce Business Daily**

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