2006 RANGER

TABLE OF CONTENTS

INTRODUCTION

GENERAL INFORMATION..... Volume 1

SERVICE INFORMATION

Identification Codes 100-01
Jacking and Lifting 100-02
Maintenance Schedule 100-03
Noise, Vibration and Harshness 100-04

CHASSIS..... Volume 1

SUSPENSION

Suspension System General Information 204-00
Front Suspension 4x2 ..... 204-01A
Front Suspension 4x4 ..... 204-01B
Rear Suspension 204-02
Wheels and Tires 204-04

DRIVELINE

Driveline System General Information 205-00
Driveshaft 205-01
Rear Drive Axle/Differential Ford 7.5-Inch Ring Gear 205-02A
Rear Drive Axle/Differential Ford 8.8-Inch Ring Gear 205-02B
Rear Drive Axle/Differential Ford 8.8-Inch Ring Gear High Torque 205-02C
Front Drive Axle/Differential Dana 35 205-03
Front Drive Halfshafts 205-04

BRAKE SYSTEM

Brake System General Information 206-00
Drum Brake 206-02
Front Disc Brake 206-03
Parking Brake and Actuation 206-05
Hydraulic Brake Actuation 206-06
Power Brake Actuation 206-07
Anti-Lock Control 206-09

STEERING SYSTEM

Steering System General Information 211-00
Power Steering 211-02
Steering Column 211-04
Steering Column Switches 211-05

POWERTRAIN..... Volume 2

ENGINE

Engine System General Information 303-00
Engine 2.3L 303-01A
Engine 3.0L (2V) 303-01B
Engine 4.0L SOHC 303-01C
Engine Cooling 303-03
Fuel Charging and Controls 2.3L 303-04A
Fuel Charging and Controls 3.0L (2V) 303-04B
Fuel Charging and Controls 4.0L SOHC 303-04C
Accessory Drive 303-05
Starting System 303-06
Engine Ignition 2.3L 303-07A
Engine Ignition 3.0L (2V) 303-07B
Engine Ignition 4.0L SOHC 303-07C
Engine Emission Control 303-08
Intake Air Distribution and Filtering 303-12
Evaporative Emissions 303-13
Electronic Engine Controls 303-14

AUTOMATIC TRANSMISSION

Automatic Transmission 5R44E and 5R55E 307-01
Transaxle/Transmission Cooling 307-02
Automatic Transaxle/Transmission External Controls 307-05

MANUAL TRANSMISSION, CLUTCH AND TRANSFER CASE

Manual Transaxle/Transmission and Clutch General Information 308-00
Clutch 308-01
Clutch Controls 308-02
Manual Transaxle/Transmission 308-03
Four-Wheel Drive Systems 308-07A
Transfer Case Automatic Shift 308-07B

NOTE: The descriptions and specifications contained in this manual were in effect at the time this manual was approved for printing. Ford Motor Company reserves the right to discontinue models at any time, or change specifications or design without notice and without incurring any obligation.

PUBLICATIONS ORDERING INFORMATION

To obtain information about ordering additional copies of this publication or to order any other Ford or Lincoln/Mercury publications, call 1-800-782-4356. Available publications include workshop manuals, wiring diagrams, PC/ED Manuals and Owner Guides.

In addition, you can obtain a publications order form by writing to: Ford Publications, care of Helm Inc., P.O. Box 07150, Detroit, MI 48207.

All rights reserved. Reproduction by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system or translation in whole or part is not permitted without written authorization from Ford Motor Company.

Copyright© 2005, Ford Motor Company