

Ford Taurus

Ford Taurus 2006-2007 Repair Shop Manual

Detailed Service and Maintenance Procedures

1. INTRODUCTION

This manual provides comprehensive service and repair information for the 2006 and 2007 model year Ford Taurus vehicles. It is designed for automotive technicians and experienced DIY enthusiasts, offering detailed instructions, specifications, and diagnostic procedures to assist in the proper maintenance and repair of the vehicle.

The content is organized into various sections, each covering specific vehicle systems or components. Always refer to the latest safety guidelines and use appropriate tools and equipment when performing any service or repair.

2. GENERAL INFORMATION AND SAFETY

2.1 Safety Precautions

Always prioritize safety when working on any vehicle. Disconnect the battery ground cable before working on electrical components. Allow the engine and exhaust system to cool before servicing. Use jack stands to support the vehicle when lifting. Wear appropriate personal protective equipment, including safety glasses and gloves.

2.2 Vehicle Identification

Locate the Vehicle Identification Number (VIN) on the driver's side dashboard, visible through the windshield, or on the driver's side door jamb. The VIN provides crucial information about the vehicle's manufacturing details and specifications.

3. ENGINE SYSTEMS

3.1 Engine Removal and Installation

Detailed steps for safely removing and installing the engine assembly. This section includes procedures for

disconnecting all necessary hoses, wiring, and mounts, as well as torque specifications for reassembly.

3.2 Fuel System Service

Instructions for servicing the fuel pump, fuel injectors, fuel lines, and fuel tank. Includes pressure testing procedures and safety warnings for handling fuel.

3.3 Ignition System Diagnostics

Troubleshooting steps for common ignition system issues, including spark plug inspection, coil pack testing, and sensor diagnostics.

4. TRANSMISSION AND DRIVETRAIN

4.1 Automatic Transaxle Service

Procedures for fluid changes, filter replacement, and removal/installation of the automatic transaxle. Includes torque converter service and shift cable adjustments.

4.2 Drive Axle and CV Joints

Inspection, removal, and installation of drive axles and constant velocity (CV) joints. Includes boot replacement and lubrication guidelines.

5. CHASSIS AND SUSPENSION

5.1 Front Suspension

Service procedures for front struts, control arms, ball joints, and stabilizer bar. Includes alignment specifications.

5.2 Rear Suspension

Service procedures for rear shocks, springs, and trailing arms. Includes alignment specifications.

5.3 Steering System

Power steering pump, rack and pinion, and steering column service. Includes fluid flushing and bleeding procedures.

6. BRAKING SYSTEM

6.1 Disc Brake Service

Replacement of brake pads, rotors, and caliper overhaul procedures for both front and rear disc brakes. Includes brake fluid bleeding.

6.2 Anti-lock Braking System (ABS)

Diagnostic procedures for ABS components, including wheel speed sensors and the ABS control module.

7. ELECTRICAL AND ELECTRONIC SYSTEMS

7.1 Wiring Diagrams

Comprehensive wiring diagrams for all major electrical circuits, including power distribution, lighting, and accessory systems.

7.2 Component Testing

Procedures for testing various electrical components such as relays, switches, sensors, and motors using a multimeter.

7.3 Diagnostic Trouble Codes (DTCs)

Explanation of common DTCs and their diagnostic steps using an OBD-II scanner.

8. BODY AND INTERIOR

8.1 Exterior Body Panels

Removal and installation procedures for fenders, bumpers, doors, and hood. Includes adjustment guidelines.

8.2 Interior Trim and Components

Instructions for removing and installing dashboard components, door panels, seats, and console. Includes airbag system precautions.

9. MAINTENANCE SCHEDULES

Recommended service intervals for routine maintenance tasks, including:

- Oil and filter changes
- Tire rotation and pressure checks
- Fluid level checks (coolant, brake, power steering, transmission)
- Air filter and cabin filter replacement
- Spark plug inspection/replacement
- Brake system inspection

10. TROUBLESHOOTING AND DIAGNOSTICS

This section provides diagnostic charts and procedures for common vehicle issues, such as:

- Engine no-start conditions
- Rough idle or poor performance
- Brake noise or pulsation
- Steering system play or noise
- Electrical system malfunctions

Follow the diagnostic flowcharts to systematically identify and resolve problems.

11. TECHNICAL SPECIFICATIONS

Detailed technical data for the 2006-2007 Ford Taurus, including:

- Engine torque specifications
- Fluid capacities and types
- Tire sizes and pressures
- Electrical component resistance values
- Alignment settings

Always refer to these specifications for accurate repairs and adjustments.

12. WARRANTY AND SUPPORT INFORMATION

This repair manual is an independent publication and does not imply any affiliation with or endorsement by Ford Motor Company. For specific vehicle warranty information, please refer to your original vehicle owner's manual or contact an authorized Ford dealership. Support for this manual is typically provided by the publisher or retailer from whom it was purchased.