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## Haynes Focus 2000-2001

# Haynes Repair Manual for Ford Focus (2000-2001)

Comprehensive Vehicle Maintenance and Repair Instructions

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## INTRODUCTION TO YOUR HAYNES REPAIR MANUAL

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This Haynes Repair Manual provides comprehensive, step-by-step instructions for the maintenance, service, and repair of your Ford Focus. Designed for both the novice and experienced mechanic, it covers a wide range of procedures with clear explanations, detailed illustrations, and photographs to guide you through each task. The manual is structured to help you quickly locate the information you need, whether for routine servicing or more complex repairs. It emphasizes practical, hands-on experience based on a complete vehicle teardown using commonly available tools.

# Ford Focus

2000 and 2001 □ All models

36034



## Haynes Repair Manual

*Based on a complete teardown and rebuild*



***Includes essential information for today's more complex vehicles***

*Image: Front cover of the Haynes Repair Manual, showing two mechanics working on a Ford Focus.*

### ROUTINE MAINTENANCE AND TUNE-UP PROCEDURES

Regular maintenance is crucial for the longevity and performance of your vehicle. This section details all necessary routine checks and service intervals.

#### Key Maintenance Areas:

- Routine maintenance schedules and checks

- Tune-up procedures for optimal engine performance
- Fluid level checks and replacement guidelines
- Filter inspection and replacement (oil, air, fuel, cabin)
- Tire rotation and pressure recommendations
- Brake system inspection and service

## **ENGINE REPAIR AND OVERHAUL**

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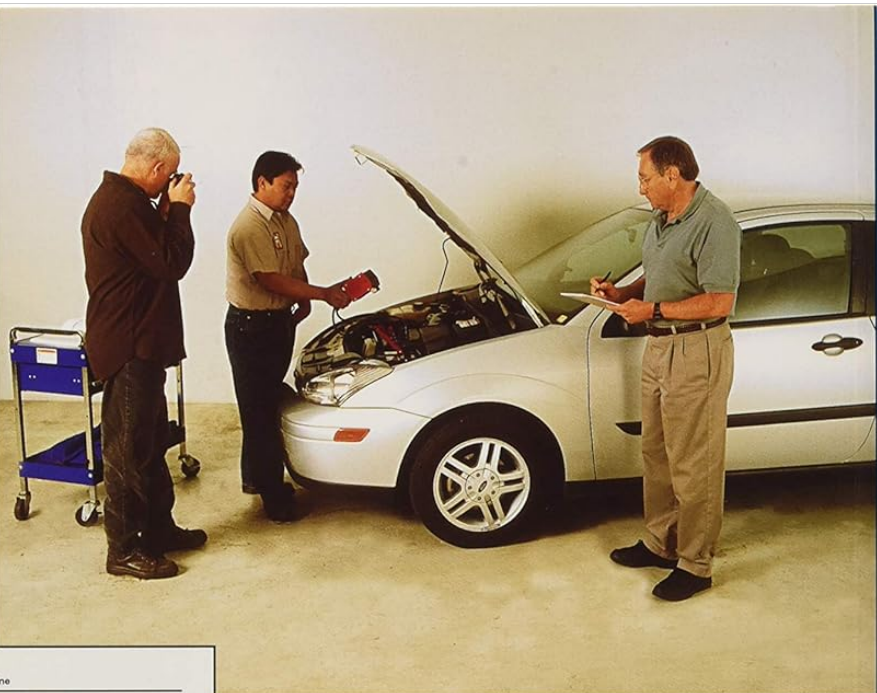
This section provides in-depth instructions for engine-related repairs, from minor adjustments to complete overhauls. It includes detailed steps for component removal, inspection, and installation.

### **Engine Specific Procedures:**

- Engine removal and installation
- Cylinder head service
- Piston and connecting rod assembly
- Crankshaft and main bearings
- Timing belt/chain replacement
- Distributor drive adapter removal and seal replacement
- Rocker arm and hydraulic valve lash adjusters: check, removal, inspection, and installation

## Inside this manual:

- Routine maintenance
- Tune-up procedures
- Engine repair
- Cooling and heating
- Air conditioning
- Fuel and exhaust
- Emissions control
- Ignition
- Brakes
- Suspension and steering
- Electrical systems
- Wiring diagrams



2B-12 Chapter 2 Part B Engine

9.5b An exploded view of the distributor drive adapter assembly.

9.5a To remove the distributor drive adapter, remove the distributor hold-down nut (upper arrow), remove the distributor and remove the three adapter retaining bolts (lower).

5. To replace the seal on the front camshaft, it's a good idea to replace the O-ring between the distributor drive adapter and the cylinder head. Remove the distributor (see Chapter 1) and the adapter (see Illustration). Note: If you remove the adapter, skip the following steps describing on-vehicle seal replacement. Pry out the old seal. Install a new seal with the adapter on the bench, seal-tight the adapter, tighten the bolts securely, and install the distributor.

6. If you're replacing a rear seal or you do not want to remove the distributor drive adapter, drill a couple of small holes in the old seal, thread a pair of sheetmetal screws into the holes, then carefully remove the old seal with a screwdriver and a claw hammer (see Illustration). Don't nick or scratch the camshaft in the process.

7. There are several ways to install the new seal. Fabricate a seal installation tool as described in Section 8 or use a very large socket with an inside diameter large enough to clear the nose of the camshaft and carefully drive the seal into place (see Illustration). Remove the sprocket positioning pin from the nose of the cam, if necessary, to prevent damaging the pin.

8. If you replaced the front cam seal, re-install the lower timing belt cover.

9. When you install the sprocket, make sure the fit or if mark faces out. The side of the pulley with the deep recess must face the engine, which means the shallow recess must face out.

10. Use your sprocket holding tool to tighten the bolt to the torque in this Chapter's Specifications.

11. Installation of the remaining components is the reverse of removal.

10. Rocker arm and hydraulic valve lash adjusters - check, removal, inspection, and installation

**Check**  
Refer to illustration 10.1.

1. Check the hydraulic lash adjusters for freeplay by inserting a small wire through the air bleed hole in the rocker arm while lightly pushing the check ball down (see Illustration).

9.6 To extract a camshaft seal, drill a couple of small holes in the old seal, thread a pair of sheetmetal screws into the holes and pry the seal out with a screwdriver and a claw hammer.

9.7a You can press a new seal into place with a section of pipe and a bolt of the proper size and thread pitch that let the camshaft turn as the bolt is tightened.

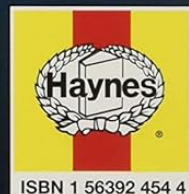
9.7b As a last resort, you can also drive a cam seal into place with a hammer and a large socket, but make sure you don't damage the sprocket positioning pin on the end of the camshaft.

10.1 When performing the freeplay test, make sure the adjuster that's being tested has the corresponding camshaft lobe pointing away from the rocker arm (closed valve).

- **Step-by-step procedures** linked to hundreds of **easy-to-follow photos** and illustrations
- **Complete troubleshooting section** helps identify specific problems
- Written from **hands-on experience** based on a vehicle teardown using **commonly available tools**
- Haynes tips give **valuable short cuts** to make the job easier and eliminate the need for special tools
- **Notes, Cautions and Warnings** for the home mechanic
- Color **spark plug diagnosis**
- Easy to use **index**

## Models covered by this manual:

All Ford Focus models  
2000 and 2001



ABCDEFGHIJKLMNPOQRS



Image: Back cover of the manual, displaying sample pages with technical diagrams and repair instructions, along with a list of features.

For example, when replacing the distributor drive adapter, the manual advises removing the distributor hold-down nut and the three adapter retaining bolts. If replacing the seal, it details how to pry out the old seal and install a new one, either on the bench with the adapter or directly on the vehicle using specific tools or improvised methods like drilling small holes and threading sheetmetal screws for extraction.

The manual also covers checking hydraulic valve lash adjusters for freeplay by inserting a feeler gauge through the air bleed hole and slightly pushing the rocker arm.

# VEHICLE SYSTEMS OVERVIEW

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This manual provides detailed coverage for various vehicle systems, ensuring comprehensive repair guidance.

## Cooling and Heating

- Radiator and cooling system service
- Thermostat replacement
- Heater core and blower motor procedures

## Air Conditioning

- A/C system component service
- Refrigerant handling precautions

## Fuel and Exhaust

- Fuel system diagnosis and repair
- Exhaust system component replacement

## Emissions Control

- Understanding and servicing emissions components
- Diagnostic procedures for emissions-related issues

## Ignition System

- Spark plug replacement and diagnosis
- Ignition coil and module service

## Brakes

- Disc and drum brake service
- ABS system information
- Brake fluid flushing

## Suspension and Steering

- Shock absorber and strut replacement
- Steering gear and linkage service
- Wheel alignment considerations

## Electrical Systems and Wiring Diagrams

- Battery, charging, and starting system diagnosis
- Detailed wiring diagrams for electrical troubleshooting
- Component location and testing

## TROUBLESHOOTING AND DIAGNOSTIC INFORMATION

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A dedicated troubleshooting section helps identify specific problems quickly and efficiently. This includes:

- Complete troubleshooting section to identify specific problems
- Color spark plug diagnosis guide
- Diagnostic flowcharts and common symptom analysis

### Haynes Tips, Cautions, and Warnings:

Throughout the manual, you will find special sections designed to enhance your repair experience:

- **Haynes tips:** Provide valuable shortcuts to make jobs easier and eliminate the need for special tools.
- **Notes, Cautions, and Warnings:** Essential information for the home mechanic, highlighting critical steps, potential hazards, and important considerations to ensure safety and proper procedure execution.

## TECHNICAL SPECIFICATIONS AND INDEX

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The manual includes detailed technical specifications for various components, such as torque settings, fluid capacities, and adjustment values. An easy-to-use index is provided to help you quickly locate specific topics and procedures within the manual.

## MODELS COVERED BY THIS MANUAL

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This manual specifically covers:

- **All Ford Focus models** manufactured in **2000** and **2001**.

*Note: While the product title may indicate a broader range, the manual's content is specifically tailored for the 2000-2001 model years as stated on the cover.*