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› Toyota Avensis Petrol Service and Repair Manual: 1998 to 2003 (Haynes Service & Repair Manuals)

Haynes 4264

Toyota Avensis Petrol Service and Repair Manual

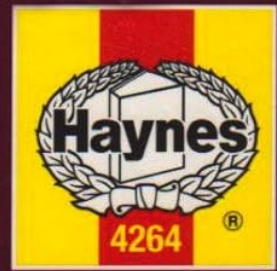
Models: 1998 to 2003 (R to 52 reg) Petrol

INTRODUCTION

This manual provides comprehensive step-by-step instructions for routine maintenance and servicing of the Toyota Avensis Petrol models manufactured between 1998 and 2003. It is designed to assist both novice and experienced owners in performing various tasks to ensure the longevity and optimal performance of their vehicle.

All procedures are described with clear text and accompanying photographs to guide you through each step.

TOYOTA AVENSIS



1998 to Jan 2003 (R to 52 reg) Petrol

Owners Workshop Manual

step-by-step maintenance and repair



The best selling car manuals in the world

Image: Front cover of the Haynes manual for Toyota Avensis, featuring a red Avensis sedan with the engine bay visible, indicating a repair manual.

SAFETY PRECAUTIONS

Always prioritize safety when working on your vehicle. Before commencing any work, ensure the vehicle is on a level surface, the parking brake is engaged, and the engine is cool. Disconnect the battery's negative terminal before working on electrical components.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure adequate ventilation when working with chemicals or engine fumes.
- Use proper lifting equipment and stands when raising the vehicle.
- Refer to specific warnings and cautions within each section of this manual.

ROUTINE MAINTENANCE

Regular maintenance is crucial for the reliability and longevity of your Toyota Avensis. This section covers essential checks and service intervals.

Fluid Level Checks

- **Engine Oil:** Check weekly. Ensure the engine is warm and switched off for a few minutes before checking the dipstick.
- **Coolant:** Check weekly when the engine is cold. Maintain level between MIN and MAX marks.
- **Brake Fluid:** Check monthly. Ensure level is between MIN and MAX. Low levels may indicate brake pad wear or a leak.
- **Power Steering Fluid:** Check monthly. Maintain level within the specified range on the reservoir.
- **Windshield Washer Fluid:** Top up as needed.

Tire Pressure and Condition

Check tire pressures weekly, including the spare tire. Refer to the vehicle's placard (usually inside the driver's door jamb or fuel filler flap) for correct pressures. Inspect tires for wear, damage, and tread depth.

ENGINE AND TRANSMISSION

This section details procedures for servicing the engine and transmission components.

Spark Plug Replacement

1. Locate the spark plugs, typically under the ignition coils.
2. Carefully remove the ignition coils.
3. Use a spark plug socket to remove the old spark plugs.
4. Gap new spark plugs according to specifications (refer to manual for exact gap).
5. Install new spark plugs and torque to specification. Reinstall ignition coils.

Oil and Filter Change

Changing the engine oil and filter regularly is vital for engine health. This procedure should be performed when the engine is warm.

- Drain the old oil from the sump plug.
- Remove the old oil filter.
- Install a new oil filter, ensuring the rubber gasket is lightly oiled.
- Replace the sump plug with a new washer and tighten to specification.
- Refill with the specified type and quantity of new engine oil.

- Start the engine, check for leaks, and re-check oil level after a few minutes.

BRAKES AND SUSPENSION

This section covers the inspection and servicing of the braking and suspension systems.

Brake Pad Replacement

Detailed instructions for replacing front and rear brake pads, including caliper removal and reassembly, and bleeding the brake system if necessary.

Shock Absorber Inspection

Guidance on inspecting shock absorbers for leaks, damage, and proper function. Includes steps for replacement if required.

ELECTRICAL SYSTEM

Information on the vehicle's electrical components, including fuses, lighting, and battery maintenance.

Fuse Box Location and Diagram

Identification of interior and engine bay fuse boxes, along with diagrams to help locate specific fuses for various circuits.

Battery Maintenance

Instructions for checking battery terminals for corrosion, ensuring proper charge, and safe removal/installation procedures.

TROUBLESHOOTING COMMON ISSUES

This section provides a guide to diagnosing and resolving common problems encountered with the Toyota Avensis.

Common Troubleshooting Guide

| Symptom | Possible Cause | Action |
|--------------------|--|--|
| Engine won't start | Dead battery, faulty starter, fuel issue | Check battery terminals, test battery, check fuel level. |
| Brakes squealing | Worn brake pads, foreign object, glazed rotors | Inspect brake pads, clean brake components. |
| Overheating engine | Low coolant, faulty thermostat, radiator issue | Check coolant level, inspect radiator and hoses. |

SPECIFICATIONS

Key technical specifications for the Toyota Avensis (1998-2003 Petrol models).

- **Engine Types:** Various petrol engines (e.g., 1.6L, 1.8L, 2.0L)
- **Fuel Type:** Unleaded Petrol

- **Transmission:** Manual and Automatic
- **Dimensions:** Refer to specific model year and variant for exact measurements. (General: 8.39 x 0.91 x 11.06 inches for the book)
- **Weight:** (Book: 8.1 ounces) Vehicle weight varies by model.
- **ISBN-10:** 1844252647
- **ISBN-13:** 978-1844252640
- **Publisher:** J H Haynes & Co Ltd
- **Publication Date:** January 1, 2006

WARRANTY AND SUPPORT

This manual is a publication by Haynes. For specific product support related to the manual itself, please refer to the publisher's contact information provided within the book or on their official website.

For vehicle-specific warranty information, please consult your original Toyota vehicle documentation or an authorized Toyota dealership.

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