GENERAL

audi concert plus service manual

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Introduction

When you own an Audi, you know that precision engineering and cutting edge technology come with a responsibility for meticulous care. Whether you're a seasoned technician or an enthusiast who enjoys hands on maintenance, having the right **audi concert plus service manual**can be a game changer. This guide will walk you through everything you need to know about the Audi Concert Plus service manual: what it is, why it matters, how to obtain it, and how to make the most of its detailed instructions. By the end of this article, you'll feel confident navigating the manual's pages and applying its procedures to keep your Audi running at its best.

What Is the Audi Concert Plus Service Manual?

The Audi Concert Plus service manual is a comprehensive technical document produced by Audi AG. It contains step by step instructions, schematics, torque specifications, and diagnostic procedures for a wide range of Audi models. Unlike generic repair guides, the Concert Plus manual is tailored to specific engine families, chassis types, and electronic systems. It serves as the official reference for Audi dealerships, repair shops, and advanced hobbyists who demand OEM accuracy.

Key Features of the Manual

- Model Specific Information: Each manual is dedicated to a particular Audi model or engine family, ensuring relevance.
- Detailed Diagrams: High resolution schematics illustrate component placement and wiring.
- Torque Tables: Precise specifications prevent over or under tightening of fasteners.
- Diagnostic Codes: Comprehensive OBD II and proprietary code lists aid troubleshooting.
- Service Intervals: OEM recommended maintenance schedules are clearly outlined.
- Safety Warnings: Critical precautions are highlighted to protect both the vehicle and the technician.

Why Is the Audi Concert Plus Service Manual Essential?

Owning an Audi is an experience of luxury and performance. To preserve that experience, you must keep the vehicle in optimal condition. The Audi Concert Plus service manual is the key to achieving this. Here's why:

1. OEM Accuracy

Unlike aftermarket manuals, the Concert Plus manual is produced directly by Audi. It reflects the latest engineering updates, software revisions, and component changes. Using an OEM guide reduces the risk of misapplying procedures that could damage the vehicle.

2. Time Saving Procedures

Each step in the manual is designed to streamline the repair process. From disassembly sequences to reassembly checklists, the manual eliminates guesswork, saving you hours on complex jobs.

3. Cost Efficiency

While the manual may have an upfront cost, it can save you money over time. Accurate torque specs and proper sequencing reduce the likelihood of costly errors, and the manual often includes information on part replacements

that can avoid unnecessary purchases.

4. Compliance and Warranty Protection

Many Audi dealerships require that repairs be performed in accordance with the official manual to maintain warranty validity. Even if your vehicle is out of warranty, following the manual keeps your maintenance records credible and reliable.

How to Obtain the Audi Concert Plus Service Manual

There are several legitimate ways to acquire a copy of the Audi Concert Plus service manual. Each option has its own benefits, so choose the one that best fits your needs and budget.

1. Audi Dealerships

Authorized Audi dealerships can order a printed manual for you. This route guarantees you receive the most up to date version. However, it can be more expensive and may require a waiting period.

2. Audi Parts & Service Centers

Audi parts stores often sell service manuals in both paper and digital formats. These retailers typically maintain a stock of the latest editions and can provide quick delivery.

3. Online Retailers

Reputable online platforms such as Amazon, eBay, and specialized automotive parts websites sell the Audi Concert Plus manual. Look for listings that specify the correct model year and engine type to avoid mismatches.

4. Digital Subscription Services

Some subscription services offer access to a library of automotive service manuals, including Audi's Concert Plus series. A monthly or annual fee grants you digital copies that can be downloaded to a tablet or laptop.

5. Audi's Official Website

Occasionally, Audi provides digital manuals for free or for a nominal fee through its official website. Check the "Owner's Resources" or "Service & Maintenance" sections for availability.

Understanding the Manual's Structure

Before diving into repairs, familiarize yourself with how the manual is organized. This will help you locate information quickly and reduce frustration during complex procedures.

1. Table of Contents

The table of contents offers a high level overview of each chapter, including engine service, transmission, suspension, electrical systems, and more. Use it as a roadmap when planning a repair.

2. Safety Precautions

Every manual opens with a safety section that outlines general precautions, required tools, and personal protective equipment (PPE). Pay close attention to this section to avoid injuries and vehicle damage.

3. Service Procedures

These are the core of the manual. Each procedure is broken down into sub steps, accompanied by illustrations and torque values. They are written in a concise, actionable style.

4. Technical Notes

Technical notes provide additional context, such as common pitfalls, special tools needed, or variations between different model years. They are invaluable for troubleshooting.

5. Wiring Diagrams and Electronics

Modern Audi vehicles rely heavily on electronics. The manual includes detailed wiring diagrams, fault code lists, and diagnostic instructions for the Audi Engine Control Unit (ECU) and Body Control Module (BCM).

6. Parts Catalog

Some editions contain a parts list with part numbers, OEM identifiers, and replacement options. This can help you order the correct parts without confusion.

How to Use the Audi Concert Plus Service Manual Effectively

Even the most detailed manual can be underutilized if you don't have a strategy for using it. Here are practical tips to maximize its value.

1. Keep the Manual Accessible

Store a physical copy in a protective folder or keep a digital version on a tablet with a protective case. A well organized manual ensures you can reference it quickly during service.

2. Use a Searchable PDF

If you opt for a digital copy, use a searchable PDF. This feature allows you to find keywords, such as "oil filter" or "spark plug," instantly, saving time.

3. Mark Important Pages

Use sticky tabs or bookmarks to highlight frequently referenced sections. For example, torque tables for the engine head bolts or the wiring diagram for the HVAC system.

4. Cross Reference with Service Software

Many Audi repair shops use diagnostic software like Audi's own "Audi Service" or third party tools. The manual's diagnostic code lists can be cross checked with software outputs for accurate fault identification.

5. Follow the Sequence Strictly

Each procedure is sequenced to avoid damage. Skipping steps or performing them in the wrong order can lead to costly repairs. Trust the manual's logic.

6. Verify Torque Values with a Calibrated Torque Wrench

Incorrect torque can cause leaks or component failure. Use a calibrated torque wrench and double check values from the manual.

Common Repairs Covered in the Audi Concert Plus Manual

Below is a selection of typical maintenance and repair tasks that the manual addresses. These are often the most time consuming jobs for Audi owners and technicians alike.

1. Engine Oil and Filter Change

The manual provides the exact oil capacity for each engine variant, the recommended oil grade, and the filter replacement procedure. It also includes drain plug torque specifications.

2. Timing Chain Tensioner Replacement

Timing chain issues can lead to catastrophic engine damage. The manual outlines the disassembly steps, tensioner removal, and reinstallation with proper alignment marks.

3. Transmission Fluid Flush

Automatic and manual transmissions each have specific flush procedures, filter replacement steps, and recommended fluid types. The manual also explains how to purge the system to avoid air pockets.

4. Brake System Service

From pad and rotor replacement to ABS module diagnostics, the manual covers each component's service intervals and torque values.

5. Suspension Component Replacement

Shock absorbers, struts, and sway bar links are addressed with detailed removal and installation instructions, including alignment procedures.

6. Electrical System Diagnostics

Fault codes for the ECU, BCM, and various sensors are listed, along with troubleshooting steps and recommended test equipment.

7. HVAC System Repair

The manual details refrigerant charging, compressor replacement, and sensor calibration for the climate control system.

8. Steering System Maintenance

Steering rack adjustments, power steering pump replacement, and steering column alignment are all covered.

9. Exhaust System Repairs

Catalytic converter replacement, exhaust manifold tightening, and muffler maintenance are described with torque values and inspection tips.

10. Engine Control Software Updates

While the manual focuses on mechanical aspects, it references the need for ECU software updates and provides guidance on connecting the vehicle to service tools.

Maintenance Schedule: How Often Should You Refer to the Manual?

The Audi Concert Plus service manual includes an OEM maintenance schedule. Adhering to this schedule is crucial for vehicle longevity and warranty compliance.

Monthly Checks

- Inspect fluid levels (oil, coolant, brake, power steering).
- Check tire pressure and tread wear.
- Listen for unusual noises in the engine or suspension.

Quarterly Maintenance

- Replace engine oil and filter.
- Check and replace cabin air filter.
- Inspect brake pads and rotors for wear.

- Verify tire alignment and balance.

Annual Service

- Full fluid changes (coolant, transmission, differential).
- Replace timing chain tensioner if recommended.
- Inspect and replace spark plugs.
- Check and replace suspension bushings if needed.
- Update ECU software if a new version is available.

Every 60,000 Miles (or as Specified)

- Replace engine coolant.
- Inspect and replace all major belts.
- Check and replace the water pump.
- Inspect the exhaust system for leaks.

Safety Precautions and Best Practices

Safety should always be your top priority. The manual's safety section is not just a formality; it's a roadmap to protect you and your vehicle.

1. Personal Protective Equipment (PPE)

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