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An AutoZone[®] Company



ALLDATA REPAIR

ORIGINAL REPAIR DATA DIRECTLY FROM THE MANUFACTURER



FEATURES AND BENEFITS

- + ALLDATA Repair® is the only source of 100% original manufacturer diagnostic and repair information
- + ALLDATA Repair® only contains original data - unabridged and unedited
- + **39 brands** in one system with common and easy-to-use navigation across all brands
- + Access to the ALLDATA Info Center for information not yet published
- + Integration into parts catalogues

ALL CONTENTS AT A GLANCE

- + Mechanical repair procedures
- + Chassis repair instructions
- + Electrical wiring diagrams
- + Filling quantities
- + Tightening torques
- + Service schedules and Checklists
- + Error codes and diagnostic test charts
- + Technical Service Bulletins



PRODUCT EXAMPLE: INSTALLATION AND REMOVAL INSTRUCTIONS - BODYWORK
VW Golf VI (5K) 2.0 R 4MOTION | 2013 | 270 Hp | CDLF
 Roof Spoiler – Removing And Installing Roof Spoiler (GENERAL BODY REPAIRS, EXTERIOR)

Original data directly from the manufacturer

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WARNING
 Clean all surrounding parts before beginning work and mask them with tape.
 Do not use cutting wire to remove the roof spoiler.

Important instructions from the manufacturer to be considered before starting work

RELATED INFORMATION

- Description and Operation
 - Components
 - Structural Materials
- Locations
 - Component Locations
- Service and Repair
 - Procedures
 - Removal and Replacement
- Tools and Equipment
 - Electrical / Mechanical Repair

Detailed descriptions as only provided by the manufacturer

Additional information

- Thread cutting cord -4- in between rear lid -1- and roof spoiler -4-.
- Using both handles -5- in "sawing" movements, separate adhesive tape -3- and adhesive bead -3- on one side.
- Repeat cutting of adhesive tape and adhesive bead on the other side.

Push several removal wedges -3409- between rear lid -1- and roof spoiler -arrows a- until all locking hooks -2- are released. A clear click can be heard.

The hooks on the sides are -dimension c- = 260 mm and -dimension d- = 400 mm from the centre.
 - Reach between roof spoiler and rear lid, press roof spoiler -3- forcefully against rear lid and release roof spoiler upwards -arrows b- from fasteners -4- of retaining strip.

PRODUCT EXAMPLE: A+E CLUTCH ACTUATION INCL. DASHBOARD REMOVAL

Ford Mondeo 2007.5 (CA2) Estate 2.0 TDCI | 2007 - 2010 | 130 Hp | AZBA
 Clutch Controls - 5-Speed Manual Transmission - B5/IB5 - Clutch Master Cylinder - LHD FWD

11. Remove the driver door.

Important information on additional pre-work

12. Refer to: [Instrument Panel - Vehicles With: Automatic Temperature Control \(501-12 Instrument Panel and Console, Removal and Installation\)](#).
 Refer to: [Instrument Panel - Vehicles With: Manual Temperature Control \(501-12 Instrument Panel and Console, Removal and Installation\)](#).
 Refer to: [Instrument Panel - Vehicles Built From: 04/2010 \(501-12 Instrument Panel and Console, Removal and Installation\)](#).

14. Torque: 25 Nm

Cross-links to additional work

15. 1. Torque: 80 Nm
 2. Torque: 25 Nm

16. Use the General Equipment: [Wooden Block](#)

Tools and Equipment

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17. Torque: 25 Nm

Step by step - incl. Tightening torques

18. Torque: 25 Nm

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PRODUCT EXAMPLE: DIAGRAMS

VW T-Roc (A1) 2.0 TDI 4Motion | 2020 | 150 Hp | DFFA
Airbag Systems, (LOR), from August 2017

The screenshot displays the ALLDATA software interface for a VW T-Roc (A1) 2.0 TDI 4Motion. The main view shows a 'Current Flow Diagram' for the airbag system, with various components and wiring paths color-coded. A legend on the left explains the color coding: ws (white), sw (black), ro (red), rt (red), br (brown), gn (green), bl (blue), gr (grey), li (purple), vi (purple), ge (yellow), or (orange), rs (pink), tk (turquoise), and bik (uninsulated). A 'Map keys for easy decoding' box is also present. On the right, a 'Fitting locations: middle part of vehicle' table lists various components and their locations, such as 'Chaeater - At front of interior' and 'Chaeater - At rear of interior'. A 'RELATED INFORMATION' sidebar provides links to Description and Operation, Locations, Service and Repair, and Service Precautions. A 'Fitting locations: middle part of vehicle' table is also visible, listing components like Ignition/Start switch, Immobilizer reader coil, and various switches.

Colour-coded circuit diagrams*
*If provided by the manufacturer

Map keys for easy decoding

Fitting locations at a glance

Component	Chapter	Comment
Ignition/Start switch - D -	Chaeater - Steering column	
Immobilizer reader coil - D2 -	Chaeater - Steering column	
Turnoff switch - E8 -	Chaeater - Steering column	
Driver side belt switch - E24 -	Chaeater - Door, seat 2, with ability to be swapped	For left-hand drive models
Driver side belt switch - E24 -	Chaeater - Right front seat	For right-hand drive models
Front passenger side belt switch - E25 -	Chaeater - Left front seat	For right-hand drive models
Front passenger side belt switch - E25 -	Chaeater - Right front seat	For left-hand drive models
Glove compartment light switch - E26 -	Chaeater - Front left of interior, SHD models	
Glove compartment light switch - E26 -	Chaeater - Front right of interior, SHD models	
Key operated switch to deactivate airbag on front passenger side - E224 -	Chaeater - Front right of interior, LHD models	
Rear lid remote release button - E233 -	Chaeater - Driver door, left-hand drive models	
Rear lid remote release button - E233 -	Chaeater - Driver door, right-hand drive models	
Driver side interior locking button for central locking system - E308 -	Chaeater - Driver door, left-hand drive models	
Driver side interior locking button for central locking system - E308 -	Chaeater - Driver door, right-hand drive models	
Selector lever - E313 -	Chaeater - Front centre console, LHD models	
Selector lever - E313 -	Chaeater - Front centre console, RHD models	
Starter button - E378 -	Chaeater - Front centre console, LHD models	
Starter button - E378 -	Chaeater - Front centre console, RHD models	



PRODUCT EXAMPLE: INSTALLING A TIMING BELT

Peugeot 3008 (T84)1.2 THP | 2015 - 2016 | 130 Hp | EB2
 Removing - Refitting : Timing Belt [EB2DTS 96KW INJECTION]

2. Tooling

Tool	Reference	Description
[0109-2]	[0109-2]	Engine kit (Timing gear)
[2A]	[0109-2A]	Camshaft immobilisation and setting tool
[2B]	[0109-2B]	Flywheel locking peg

Removing - refitting : Timing belt [EB2DTS 96KW INJECTION]

REMOVING - REFITTING: TIMING BELT [EB2DTS 96KW INJECTION]

1. Parts which must always be replaced

Description	Quantity
Camshaft seal ring (Timing gear side)	1
Belt (Timing cover)	1
Belt (Coolant pump drive)	1
Bolt (Camshaft splines) / Camshafts	2
Bolt (Camshaft pulley / Camshaft pulley hub)	2
Bolt (Camshaft pulley hub / Camshaft)	1

2. Tooling

Tool	Reference	Description
[0109-2]	[0109-2]	Engine kit (Timing gear)
[2A]	[0109-2A]	Camshaft immobilisation and setting tool
[2B]	[0109-2B]	Flywheel locking peg

3. Removing

Put the vehicle on hoist.
 Disconnect the ancillary battery.
 Remove:

For optimal planning:
Which tools are needed?

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Vehicles Component Bookmarks Info Center Service Intervals

Peugeot 3008 (T84) 1.2 THP | 2015 - 2016 | 130 Hp | EB2

Fit the tool [0109-2A] (at "k").

CAUTION : The tool [0109-2A] must be firmly against the sealing face of the cylinder head (at "k"); no lifting of the tool is authorised.

Secure the tool [0109-2A] ; Using 2 of the cylinder head cover fixing bolts (2).

Remove the vehicle.

Remove :

- The ancillary drive belt
- The ancillary drive belt dynamic tensioner roller
- The coolant pump drive belt

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Manufacturers' warnings, without which proper repair and maintenance would not be possible



PRODUCT EXAMPLE: TECHNICAL SERVICE BULLETINS

Audi A1 (8X) Sportback 1.4 TFSI | 2014 | 122 Hp | CAXA Service Info: Squeaking noise when steering or manoeuvring (2022855/9)

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Original data directly from the manufacturer
Transaction No.: 2022855/9
Release date: 24-Jan-2018

Customer statement / workshop findings
Customer statement:
Squeaking noises when turning the steering wheel or when manoeuvring.
Workshop findings:
The customer statement can be reproduced.
The axle boots are undamaged.

Technical background
The ribs of the outer rubber boots can touch each other when turning the steering wheel. When humid this can cause slipping. This leads to squeaking noises, which disappear after a while.
These noises do not affect the service life and function of the components. This is a normal.

Production change
-

Measure
-

Warranty accounting instructions
Accounting under warranty is not permitted. Groundlessly accounted work/replaced parts will be redebited.

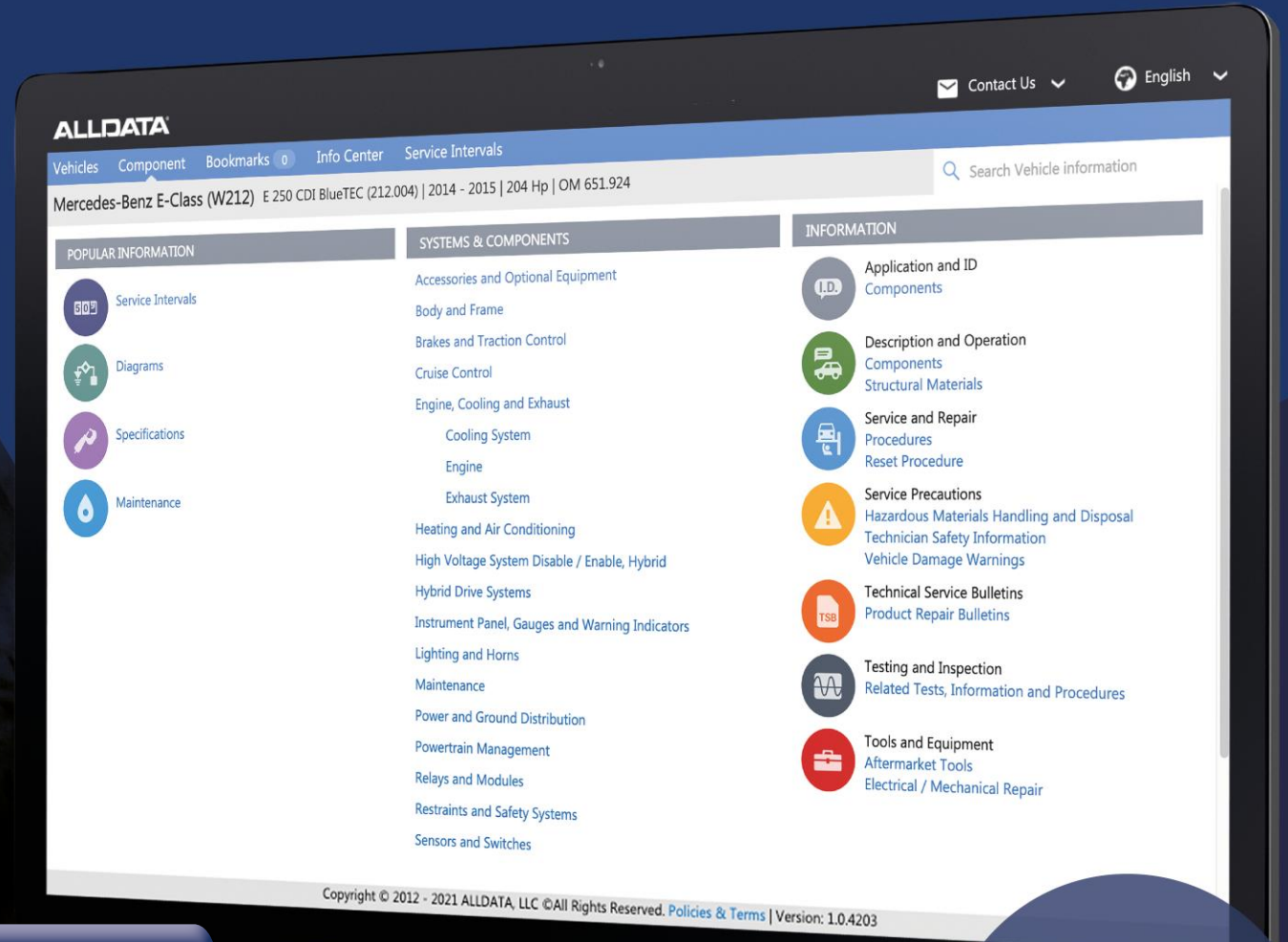
Customer information
This is a normal.
The ribs of the outer rubber boots can touch each other when turning the steering wheel. When humid this can cause slipping. This leads to squeaking noises, which disappear after a while.

A parts replacement does not fix the problem.

Information from the manufacturer avoids unnecessary costs and effort for the workshop and the customer

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