

Reduce time spent on finding and fixing known issues. Fixes are sourced from manufacturers and industry specialists.



## WorkshopData™ Smart

**SmartFIX™** features **Safety recalls\*** and **OEM Technical Service Bulletins** complete with symptoms, causes and solutions, supported by fault codes, their analysis and fault rectification details.

**SmartCASE™** features an ingenious resource of known fixes and tips for rectifying faults associated with specific models, again complete with symptoms, causes and solutions.

\*Safety recalls are shown for reference and are provided for information purposes only.

**Filter results**

Vehicle area  Fault code

Noise  Defect

Operating condition

All 33 SmartCASE™ 4 Recall data 2 Technical Service Bulletins 56

**Technical Service Bulletins**

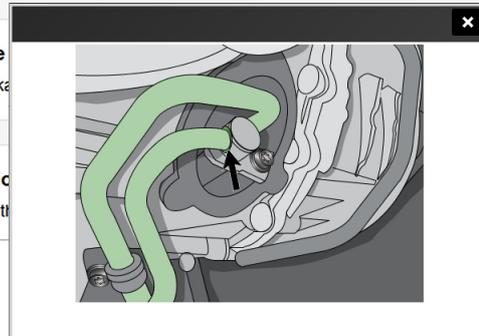
The transmission warning light illuminates; Vehicle judder when moving off (16/04/2015)

Whining noise from the transmission at 60 - 70 km/h (16/04/2015)

**Symptom**  
Oil leakage under the vehicle

**Cause**  
Oil leakage

**Solution**  
Check the...





# SmartFIX™



## TECHNICAL SERVICE BULLETINS (SMARTFIX™)

Information that adds **real value** for **professional mechanics**.

WorkshopData offers instant access to a multitude of Technical Service Bulletins (TSBs) **sourced from original equipment manufacturers (OEM)**.

Our team of technical authors carefully adapts the TSBs we receive to best suit the user's needs. With a simple mouse click, the mechanic can instantly check the availability of Technical Service Bulletins for a given vehicle.

The screenshot shows the HaynesPro SmartFIX interface for a specific vehicle (Audi A4). The main heading is "Whistling noises from the dashboard". The interface is organized into several sections:
 

- Symptom:** Whistling noises from the dashboard. Conditions when the symptom appears: Vehicle speed (km/h /mph) 100/65.
- Cause:** Air leakage. Location: On the bulkhead side.
- Solution:** Use repair kit: (OE: AKL\_450.005.05). To the position shown 1 cm. A diagram shows the location of the repair kit on the dashboard bulkhead.
- Parts required:** Repair kit: (OE: AKL\_450.005.05).
- Disclaimer:** HaynesPro provides details of manufacturer Campaigns and Technical Service Bulletins (SmartFIX) for information and diagnostic purposes only. These repairs may or may not be covered by manufacturer's liability. HaynesPro accepts no responsibility for costs incurred as a result of providing this data.

 The interface also includes navigation options like "Back to overview" and "Print", and a search bar for "ENLARGE".

## What makes HaynesPro SmartFIX™ stand out?



Data complies with the original OEM documentation (covering TSBs from 2008 onwards).



Single point of access to detailed information on faults, workarounds and defects usually only known to vehicle manufacturers.



Links to industry standard identification, providing an effective interface with other databases.



Smart links to other data categories (specifications, procedures, references).



The time spent on rectifying known issues is reduced. Based on the available information, the workshop can decide whether to rectify the issue in-house or to refer the work to an approved dealer.



Accessible via a fault code search.

## SmartCASE™

The screenshot displays the HaynesPro SmartCASE interface. At the top, there are navigation tabs for 'Cars', 'Trucks', 'Organiser', and 'Settings'. The main header shows 'HaynesPro WorkshopData™' and 'Estimate GBP 0.00'. The title of the bulletin is 'The oil pressure warning light illuminates'. Below the title, there is a 'Symptom' section with the text 'The oil pressure warning light illuminates'. The 'Cause' section lists several potential issues: 'Balance shaft drive assembly: Intermediate shaft gearwheel: Excessive wear', 'Alternative cause: Oil pump: Faulty hexagonal bit coupling Excessive wear', and 'Explanation: Crankshaft gearwheel: A, Intermediate shaft gearwheel: B, Balance shaft gearwheel: C (l), Oil pump: D, Balance shaft gearwheel: E (l), Metal housing: F'. A technical diagram of the engine's internal components is shown, with labels A through F corresponding to the parts mentioned in the cause section. Below the diagram, there are 'Solutions' sections with images of the parts and tools involved in the repair.



## VERIFIED FIXES AND TIPS (SMARTCASE™)

### Saving time and money.

This Smart feature **extends HaynesPro's coverage** from OEM-based technical data to information **sourced from industry experts and renowned helpdesk organizations.**

SmartCASE™ is a unique database module containing cases, with verified fixes and tips, for vehicles on the European market. It helps the independent workshop to check quickly for solutions to problems for a selected vehicle, so saving time and money.

As with all HaynesPro products, it offers clearly formulated and appropriate solutions, enabling every mechanic to work with the data.

#### Related subjects

Engine : The oil pressure warning light illuminates briefly after the engine is started >

Electronics Engine : The oil pressure warning light illuminates when the ignition is turned off >

Electronics Engine : The oil pressure warning light illuminates when the ignition is turned off >

Engine : The oil pressure warning light illuminates >

#### Related subjects

Every bulletin has suggestions for other solutions for similar problems.

## What makes HaynesPro SmartCASE™ stand out?



Extension of OEM coverage



Over 5100 unique bulletins covering 43 brands



Accessible via a fault code search



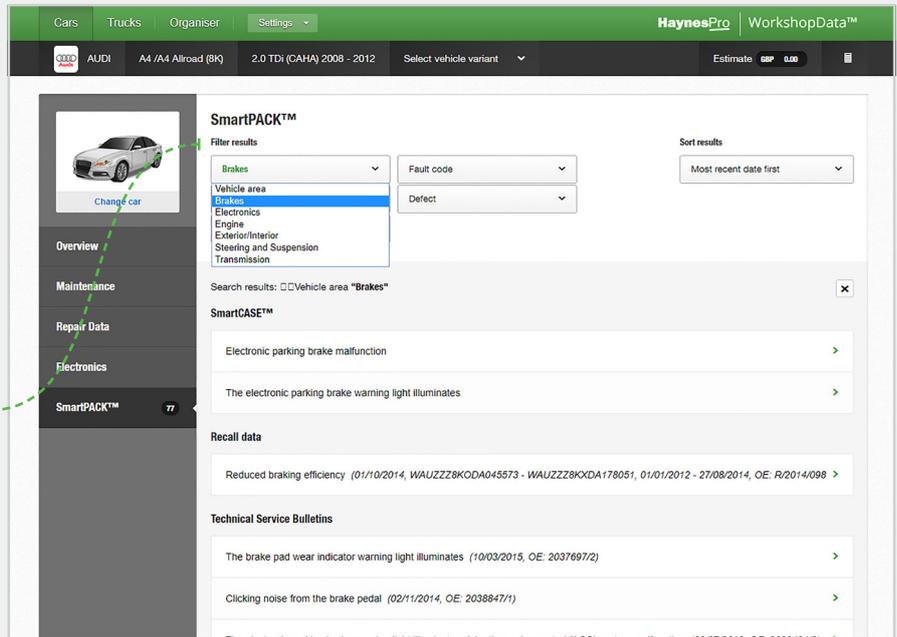
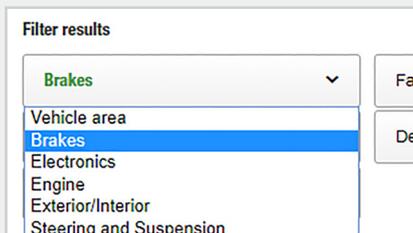
# General features

## FILTER RESULTS

Users can filter TSBs, Cases or Recalls by specifying vehicle area (engine, steering etc.), fault code, noise, defect, or operating condition.

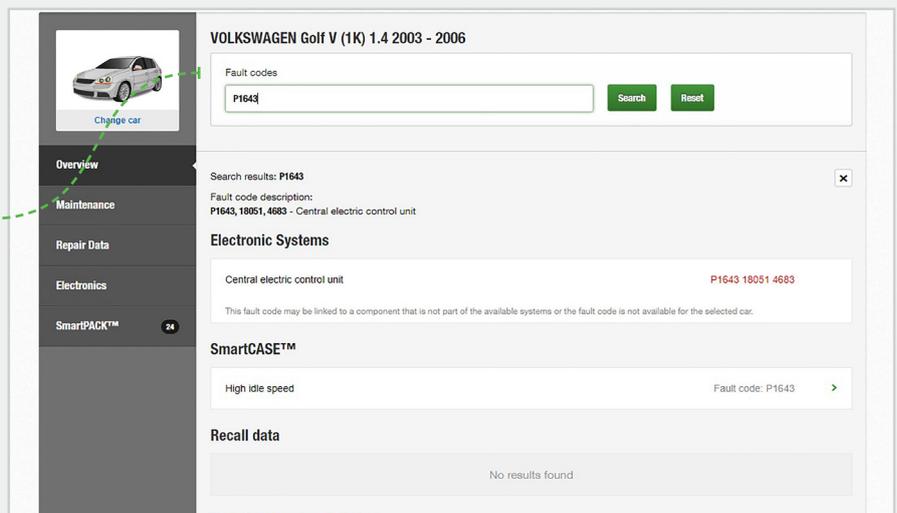
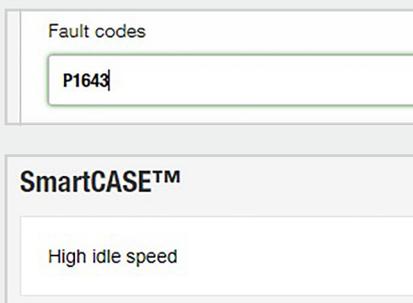
### Example

Filter criteria: *Vehicle area - Brakes*



## FAULT CODE SEARCH

Users can find WorkshopData™ Smart bulletins **via fault code search** on the overview page.



Clearly better data.

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