

Technical product information

Topic	Accessory valve caps - Difficult to remove
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2033864/6
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
running gear -> wheels, tyres, Tyre Pressure Monitoring System -> tyre valve	component / consumables -> damaged	> not specified <

New workshop code

Object of complaint	Complaint type	Position
running gear -> wheels, tyres, Tyre Pressure Monitoring System -> tyre valve	component / consumables -> damaged	> not specified <

Vehicle data

All Models with Accessory valve caps fitted

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
****	2003	E		*	*	*
****	2004	E		*	*	*
****	2005	E		*	*	*
****	2006	E		*	*	*
****	2007	E		*	*	*
****	2008	E		*	*	*
****	2009	E		*	*	*
****	2010	E		*	*	*
****	2011	E		*	*	*
****	2012	E		*	*	*
****	2013	E		*	*	*
****	2014	E		*	*	*
****	2015	E		*	*	*
****	2016	E		*	*	*
****	2017	E		*	*	*
****	2018	E		*	*	*
****	2019	E		*	*	*
****	2020	E		*	*	*
****	2021	E		*	*	*
****	2022	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Unable to remove Accessory valve caps, Figure 1 shows an example of the caps



Figure 1

Technical background

We have observed instances where the caps have been difficult to remove once fitted, the issue is caused by corrosion.

The valve stem itself is made from aluminium and the accessory valve caps are chromium plated brass, it is possible under certain environmental conditions, particularly winter road salt, for corrosion to take place between these dissimilar metals.

Production change

Not applicable

Measure

The solution is to apply a thin smear of silicon-based grease, such as Dow Corning high vacuum grease, to the external threads of the valve stem prior to fitting the accessory valve cap. Grease should be applied any time the cap is removed and grease is not evident