

Technical product information

Topic	Ping noise in cabin – ACC self-check
Market area	Worldwide Bentley (1WBE)
Brand	Bentley
Transaction No.	2032621/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
Body fixtures and fittings -> Dashpanel, centre console	Noise, vibration	

New workshop code

Object of complaint	Complaint type	Position
Driver assist systems, convenience features -> Cruise control/adaptive cruise control -> Adaptive cruise control control unit	concept -> functionality concept error	

Vehicle data

New Continental range

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
39**	2012	E		*	*	*
39**	2013	E		*	*	*
39**	2014	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
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Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	***	**	*	*	C	000001	999999		

Documents

Document name
master.xml
master.doc

Customer statement / workshop findings

High frequency low volume regular 'ping' sound appears to be coming from behind the drivers instrument panel. The customer may describe the sound as similar to a regular radar pulse

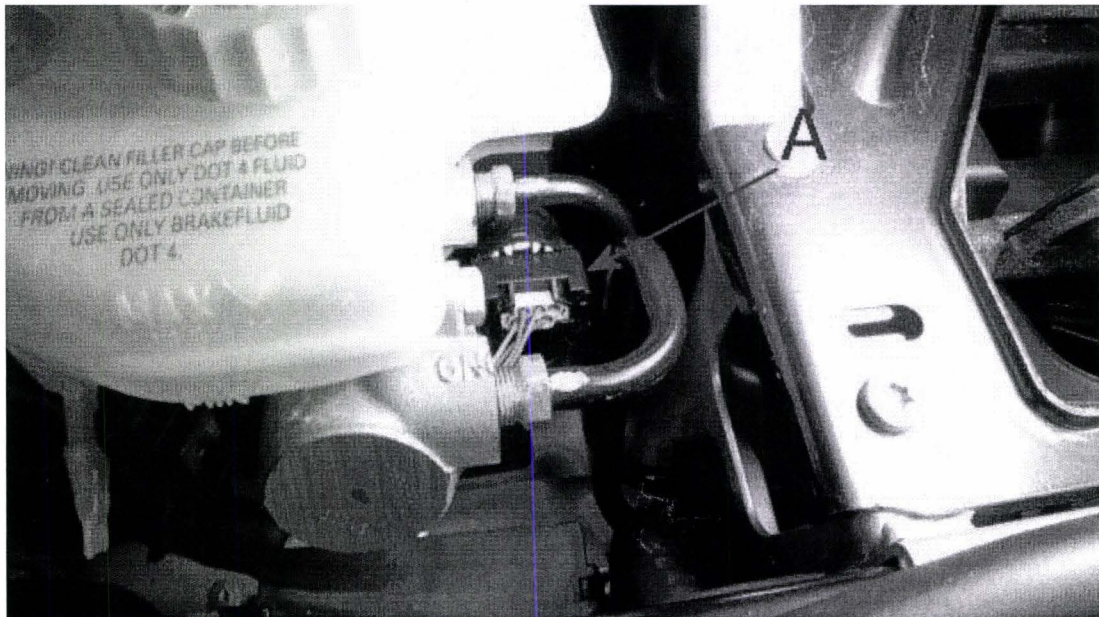
Technical background

This sound is produced by the Adaptive Cruise Control (ACC) brake intervention valve (A) located in the brake servo. This component is sent a regular self-check signal whenever the ACC system is switched on and in some instances may audible to the occupants

Production change

None

Measure



The technician may if the customers concern can be demonstrated by the workshop temporarily disconnecting the electrical connection (A) at the ACC brake intervention valve this would ensure, if the noise then disappears, that this particular customer concern is indeed the ACC self-check. **When this is the case the noise is not considered a fault, it is a feature of adaptive cruise control system operation.**