
Collision Prevention Assist warns without obvious cause

Topic number	LI30.30-P-055823
Version	3
Design group	30.30 Cruise control (CC), DISTRONIC (DTR)
Date	08-21-2013
Validity	Model series 166 with code 252 (Collision Prevention Assist CPA)
Reason for change	Measure updated
Reason for block	

Complaint:

Collision Prevention Assist (CPA) may warn for no obvious reason (optical and/or acoustic warning message).

Cause:

- a) Offset value of short range sensor (visual and acoustic warning message)
- b) Software is too sensitive (visual warning message)

Remedy:

- a) Reprogram offset values of short range sensor

(Diagnosis >Control unit > Control unit SG-AWF (A90) > Adaptations > Teach-in processes > Component offset value > Start of procedure).

- b) Update software for CPA control unit.

To do so, XENTRY version > 05/2013 must be installed.

Symptoms
Communication/information / Warning and control system / COLLISION PREVENTION ASSIST / Warning message in instrument cluster

Work units				
Op. no.	Operation text	Time	Damage code	Note
			54W10 90	

Validity		
Vehicle	Engine	Transmission
166.003	*	*
166.004	*	*

XENTRY

166.023	*	*
166.024	*	*
166.055	*	*
166.057	*	*
166.058	*	*
166.073	*	*
166.074	*	*
166.823	*	*
166.824	*	*
166.872	*	*
166.873	*	*
166.874	*	*

Full model designation breakdown

Vehicle	Engine	Transmission
166.003	651.960	722.908
166.004	651.960	722.908
166.023	642.826	722.903
166.023	642.826	725.031
166.024	642.826	722.903
166.024	642.826	725.031
166.055	276.955	722.906
166.057	276.955	722.906
166.058	276.955	722.906
166.073	278.928	722.909
166.073	278.928	725.031
166.073	278.928	725.032
166.074	157.982	722.905
166.074	157.982	722.931
166.823	642.826	722.903
166.823	642.826	725.031
166.824	642.826	722.903
166.824	642.826	725.031
166.872	278.928	722.909
166.872	278.928	725.031
166.872	278.928	725.032
166.873	278.928	722.909
166.873	278.928	725.031
166.873	278.928	725.032
166.874	157.982	722.905
166.874	157.982	722.931