

Model series 190.4 Anti-theft alarm activates without obvious cause

Topic number	LI80.50-P-073489
Version	1
Function group	80.50 - Anti-theft alarm system (ATA), Interior motion sensor/Tow sensor
Date	9/30/21
Validity	Model series 190 Convertible
Reason for change	Remedy updated

Complaint

Anti-theft alarm activates without obvious cause.

Cause

The currently installed sensor is protected from electromagnetic radiation up to 3 GHz (up to 5 GHz after SCN coding of HU and HERMES). Due to the expansion of Wi-Fi and cell phone networks in the 5 GHz range, it is still possible that sporadic inadvertent activation of the ATA may occur.

Remedy

Immediate measure: SCN coding of the HU and HERMES control units can increase EM radiation protection from 3 GHz to 5 GHz and may resolve the issue. If the fault profile still persists after successful SCN coding, the following two options are available:

First option (temporary deactivation):

Ask the customer to temporarily deactivate the interior protection through the overhead control panel (OCP) (see attachment "SoMa_interior_protection_deactivation"). For temporary deactivation of the interior protection, the customer must be informed that the deactivation is reset after an ignition change whereupon it then has to be deactivated again through the OCP.

Second option (permanent deactivation):

Important: Due to the nature of this option the Repair Order should be explicitly state what was told to the customer, agreed to by the customer, and done to the car with their agreement.

Permanently deactivate the interior protection by entering the After Sales code o32 via VeDoc and then perform SCN coding of the central gateway (CGW) control unit.

For permanent deactivation of the interior protection, see attached XSF case checklist and then the change must be documented as follows using an FO-text via VeDoc:

- Interior protection temporarily deactivated because of inadvertent activations.
- Workshop order: xxx
- The customer was notified by the workshop in charge of processing.

XENTRY TIPS

Note: With both options here for deactivating the interior protection, the anti-theft alarm system (code 551 - ATA), and the tow-away protection (included in code 882) remain active.

Attachments	
File	Description
SoMa_Innenraumschutzdeaktivierung.pdf	
XSF Case Checklist.docx	

Symptoms
Overall vehicle > Safety and locking system > Antitheft alarm system ATA > Function > Inadvertent activation
Overall vehicle > Safety and locking system > Antitheft alarm system ATA > Interior protection > Malfunction

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note