

ATA goes off

Topic number	LI80.50-P-061700
Version	1
Design group	80.50 Anti-theft alarm (ATA), interior motion sensor/towing sensor
Date	06-22-2015
Validity	model series 453 with option V19
Reason for change	
Reason for block	

Complaint:

ATA goes unintentionally off, especially during windy conditions.

Cause:

The contact switch of the hood is not pressed in enough by the contact surface.

Small displacements within the tolerance are leading to an unintended activation of the ATA.

Before repairing the vehicle, please measure the following and send the result via an "information only" PTSS case:

Use some kind of plasticine and put it on the holder of the bonnet sensor, close the bonnet and measure the space after opening the bonnet again (see picture measurement). Measure the shown space and take a photo.

After submitting the measurements in the case, proceed with the repair.

Attachments	
File	Description
Measurement.jpg	measurement

Remedy:

- Open the bonnet
- Mark the sensor with a white felt pen (see picture 1)
- Close the bonnet
- Open and take off the bonnet
- Now you can see a white mark on the bonnet contact plate (see picture 2)
- Drill a 8 mm hole there (use centre punch and a 5 mm drill before) (see picture 3, 4, 5)
- Fit in the expansion rivet and a washer (see picture 6, 7)
- Mark the sensor again to check if the sensor touches the rivet (see picture 8)

Attachments	
File	Description
IMG_2975.JPG	picture 1
IMG_2980.JPG	picture 2
IMG_2984.JPG	picture 3
IMG_2985.JPG	picture 4
IMG_2987.JPG	picture 5
IMG_2988.JPG	picture 6
IMG_2992.JPG	picture 7

IMG_2994.JPG

picture 8

Symptoms

Overall vehicle / Safety and locking system / Antitheft alarm system ATA / ATA function / Inadvertent activation

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 230 990 00 92		9C75	EXPANSION RIVET	1		X
			WASHER	1	5,3 x 15 x1,25	

Validity

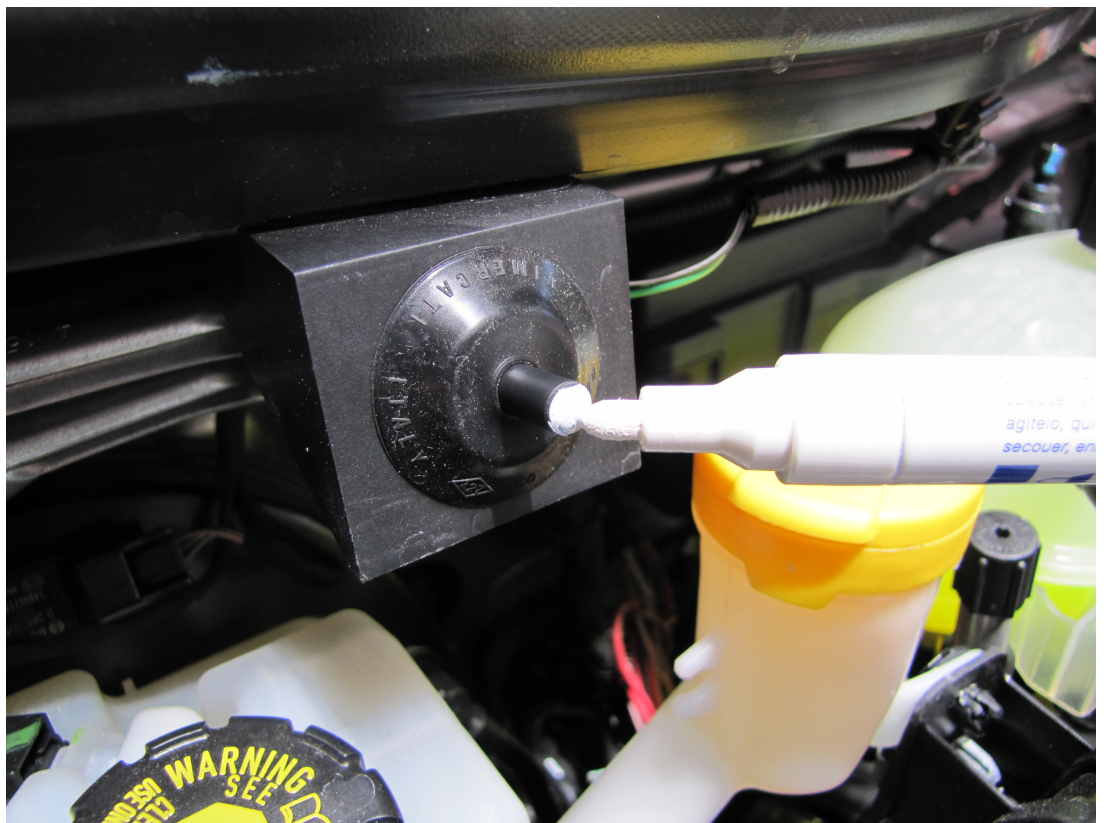
Vehicle	Engine	Transmission
smart 453	*	*

Full model designation breakdown

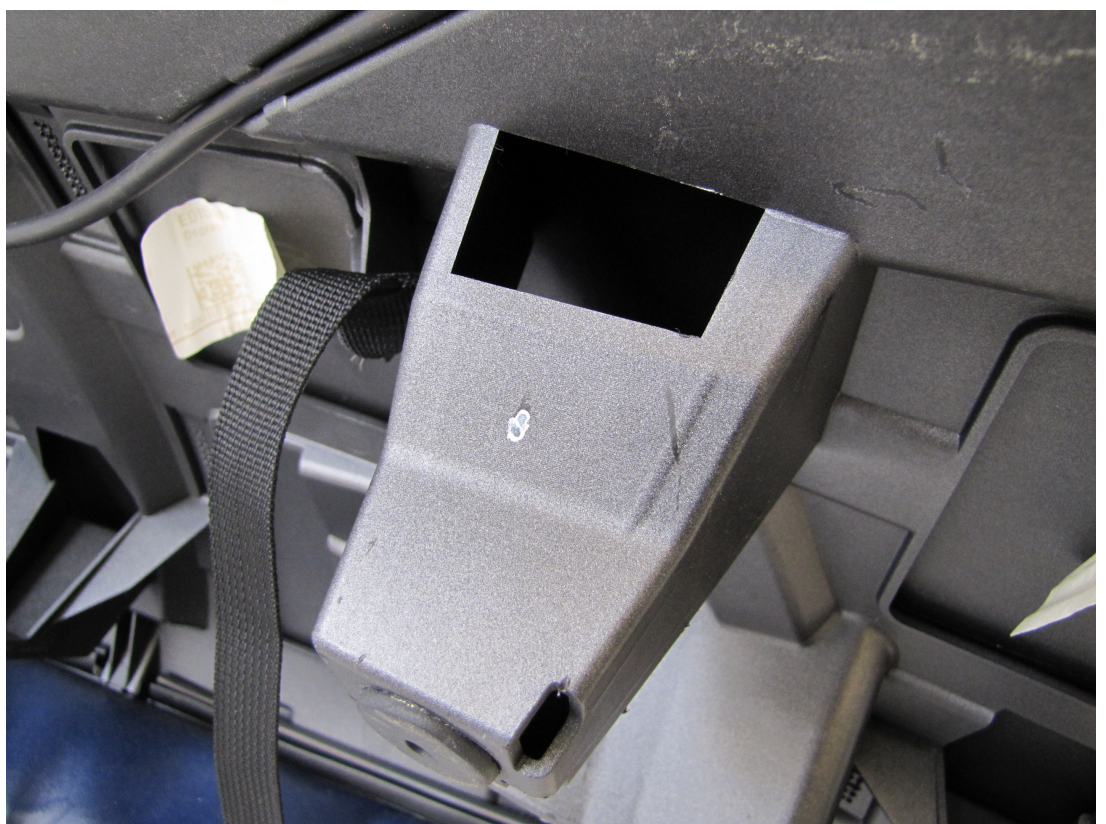
Vehicle	Engine	Transmission
453.041	281.920	700.120
453.041	281.920	700.410
453.042	281.920	700.120
453.042	281.920	700.410
453.044	281.910	700.123
453.044	281.910	700.411
453.341	281.920	700.121
453.341	281.920	700.410
453.342	281.920	700.121
453.342	281.920	700.410
453.343	281.920	700.410
453.344	281.910	700.122
453.344	281.910	700.411
453.353	281.910	700.123
453.353	281.910	700.411

Attachments

IMG_2975.JPG:



IMG_2980.JPG:



IMG_2984.JPG:



IMG_2985.JPG:



IMG_2987.JPG:



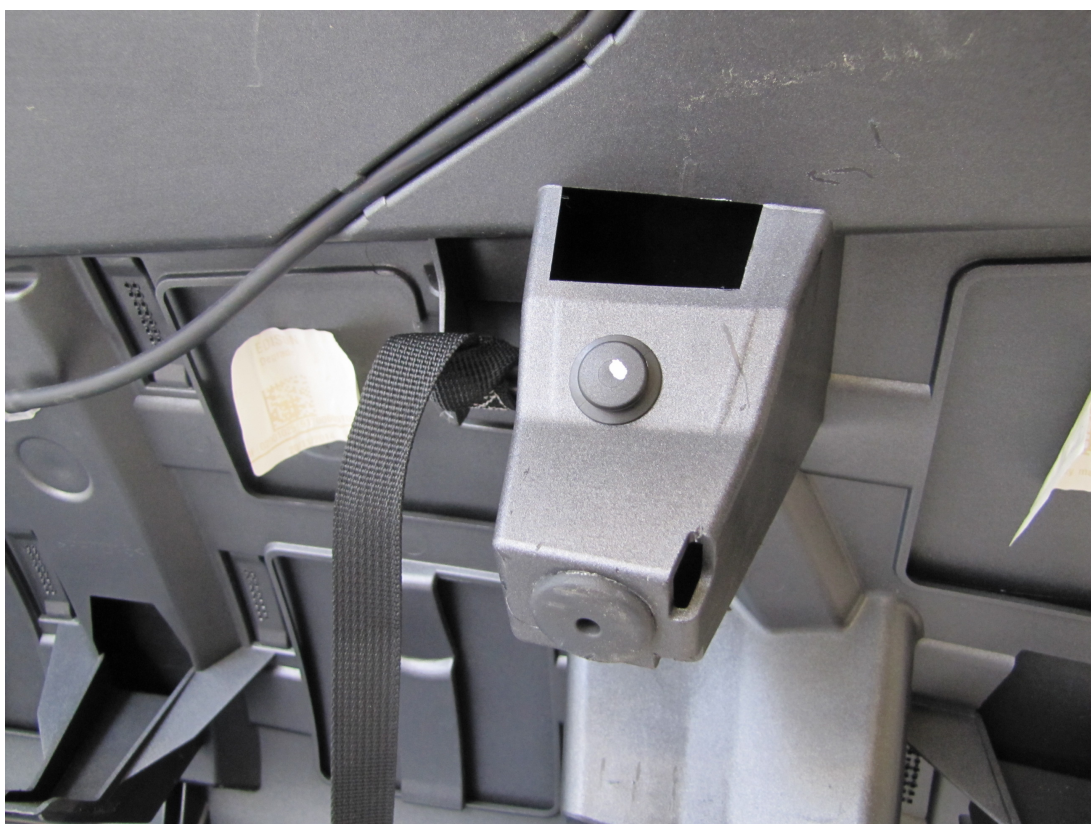
IMG_2988.JPG:



IMG_2992.JPG:



IMG_2994.JPG:



Measurement.jpg:

