



## **Opel Astra J Model year: 2011**

### **Air conditioning system generates a humming noise**

It is possible that the air conditioning systems in the vehicles mentioned above may generate a humming noise during operation.

To fix this problem, check the part number on the air conditioning system's control device. If a 32-bit control device is installed, the vehicle manufacturer provides a modified software. If a 16-bit control device is installed, it must be replaced with a 32-bit control device and upgraded with a new software version.

Part numbers of the affected 32-bit control devices:  
13 581 999 / 13 581 998 / 13 581 131 / 13 581 132 /  
13 578 953 / 13 578 954

Part numbers of the affected 16-bit control devices:  
13 578 112 / 13 578 113 / 13 344 280 / 13 344 281 /  
13 577 783 / 13 577 784

Part numbers of the 32-bit replacement controllers:  
13 581 998 (for vehicles with air conditioning systems with 2 zones)  
13 581 999 (for vehicles with manual air conditioning systems)