

## THIS IS A REPAIRING SERVICE FOR YOUR SENSOR

**We repair your ESP lateral acceleration sensor from your AUDI, VW, Skoda, Seat or Ford**

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### **Your benefits of the repairing:**

**1. It is essential to build in the right sensor. Otherwise your life is in danger.** There are 5 different acceleration IC's (integrated circuits) in this kind of sensor. These IC's react on different g-measurement data: 0,5 g, 1 g, 1,5 g, 1,7 g, 3 g. (1g = gravitation = 9,81 m/s<sup>2</sup>). You need the right sensor for your car. If you build in the wrong sensor it could be very dangerous for you and other people, because the ESP-system will not work correctly.

**2. No re-teaching of the sensor is necessary. You save money and time.** The own sensor of your car was taught by the car manufacturer. Every sensor has been taught individual. All these 1J0907651A sensors deliver data, which was measured differently. You can see that in the measurement protocol of your sensor, which you get from us after repairing.

**3. You don't know exactly how many mileage a used sensor contains. A used sensor could have been delivered from a crashed car, so in reality the used sensor has been the reason of the crash.**

**4. One of the problems of buying a used sensor is that you never know the exact mileage of a used sensor in opposite to your own sensor.** Another problem is that you never get a guarantee if you purchase a used sensor.

**5. Repairing is saver. Used and new sensors got the same weak spots, because of automatic assembling in the factory.** In the sensor is built in a big IC. The automatic leading of the sensor didn't succeed correctly. Therefore many sensors have been broken in the cars. After our handmade leading the sensors will live longer than your car.

- 6. The repairing of your own sensor is less expensive than a new sensor and more secure than buying a used sensor.**
- 7. During the reparation you can drive your car without ESP sensor, but not too fast, cause the ESP doesn't work.**
- 8. The repairing is based on a fixed price.**
- 9. 10 years guarantee are given for the repaired sensor.**
- 10. Repairing is better for the environment, because it's better than throwing away and buying new staff. Repairing prepares the environment (metal and seldom earth) and is good for the nature and your wallet.**

**We repair the technical fault of the lateral acceleration sensor 1J0907651A, 1J0907651, 1J1907639, 7M3907639 and 6X0907639 (failure code: G200) for AUDI, VW, Skoda and Seat:**

**We repair for the all terrain cars the longitudinal acceleration sensor 1J1907638B (failure code: G251) for following AUDI, VW, Skoda, Seat and Ford:**

|               |                   |
|---------------|-------------------|
| AUDI A2       | from 2000 to 2005 |
| AUDI A3 / S3  | from 1997 to 2003 |
| AUDI TT       | from 1999 to 2002 |
| VW New Beetle | from 1999 to 2005 |
| VW Golf 4     | from 1998 to 2005 |
| VW Bora       | from 1998 to 2002 |
| VW Polo       | from 2000 to 2004 |
| VW Lupo       | from 1998 to 2005 |
| VW Bus T5     | from 2003 to 2005 |
| VW Sharan     | from 2001 to 2006 |
| Seat Leon     | from 2000 to 2006 |
| Seat Toledo   | from 1999 to 2004 |
| Seat Alhambra | from 2001 to 2006 |
| Skoda Oktavia | from 2001 to 2011 |
| Skoda Felicia | from 1998 to 2001 |
| Ford Galaxy   | from 2001 to 2006 |

**ESP light is on:**

Normally it is only a technical failure on the printed circuit board of the sensor. The electronic parts are not damaged, but the automatic manufactory was not prepared for long mileage.

**Please don't repair the failure by yourself**

If you pull out the black silicon you can damage some items on the PCB of the sensor. Much more failures can happen easily and these will increase the repairing costs.

**Proceeding when the ESP light is permanent or sporadic on:**

Ask your garage about the failure code. At following error codes the repairing is better than to buy a new sensor:

With the diagnose tester of VW, Audi, Skoda and Seat following failure codes occur.

Failure code lateral acceleration sensor:

Fault code 1: 01423 - Lateral Acceleration Sensor G200, 012 Electric Circuit Failure

Fault code 2: 01423 - Lateral Acceleration Sensor G200, 008 Implausible Signal

Fault code 3: 01423 - Lateral Acceleration Sensor G200, 005 No or Incorrect Basic Setting / Adaptation

Fault code 4: 01423 - Lateral Acceleration Sensor G200, defect

**Failure code longitudinal acceleration sensor:**

Fault code 1: 01279 - Longitudinal Acceleration Sensor G200, 012 Electric Circuit Failure

Fault code 2: 01279 - Longitudinal Acceleration Sensor G200, 008 Implausible Signal

Fault code 3: 01279 - Longitudinal Acceleration Sensor G200, 005 No or Incorrect Basic Setting / Adaptation

Fault code 4: 01279 - Longitudinal Acceleration Sensor G200, defect

**With the Bosch ESI Tronic diagnose tool following failure code occurs:****058F lateral acceleration sensor**

A2: In the middle, below the gear unit.

Extracting the sensor of your car by yourself or in a garage. For help look in the Internet "ESP SENSOR (Golf 4, Audi A3, Audi TT,..) AUSBAUEN"

The lateral acceleration sensor is at the steering column assembly (in the car, in the height of your knees).

Sharan, Alhambra and Ford Galaxy: The sensor is below the seat.

The longitudinal acceleration sensor (only all terrain cars) is behind the glove box.

**Procedure:**

**Order repairing of the sensor.**

**Send the sensor (only the black item) with recorded shipping to us.**

**Please include following info in the box:**

**return address**

**type of car**

**mileage of the car**

**Ingenieurbuero Schirmer  
Kufsteiner Str. 20  
83088 Kiefersfelden  
Germany**

**Repairing time: 1 day.**

**We send your repaired sensor back to you with insured tracked shipping.**

**Attention:**

**In the meantime you can drive with your car. But be careful and do not drive too fast, because your ESP-system is not active.**