

VAG (Audi, VW, Seat, Skoda) Airbag Reset Tool user manual

After car crash and airbag deployment, VW-Audi airbag sensor can be locked (Control unit faulty or deployed) and must be replaced. Even after small accident Airbag sensor will write in internal memory special error message "crash data stored" or "computer fault" and after you need to exchange very expensive sensor to new one. With our VAG Airbag Reset Tool you can reset and repair airbag computer in your office in 1 minute. No need to remove airbag sensor from the car.

How VW-Audi Airbag Reset Tool works:

Very simple user instruction: connect this tool to VW-Audi OBD II connector (for cars from year 1996-2002). **Right red button** near to yellow light diode is for airbag "crash data" erase. Push this button once and wait: yellow light start to flash and after 15 second green light inform you that "crash data" is erased. Red light set ON if erasing is not successful. **Right black button** (near to red light diode) is for erase airbag "fault memory" or "errors". If airbag warning lamp go OFF and immediately ON - evaluate airbag "error memory" using any VAG K-line scanner or VAS5051 or similar dealer equipment and repair according error code.



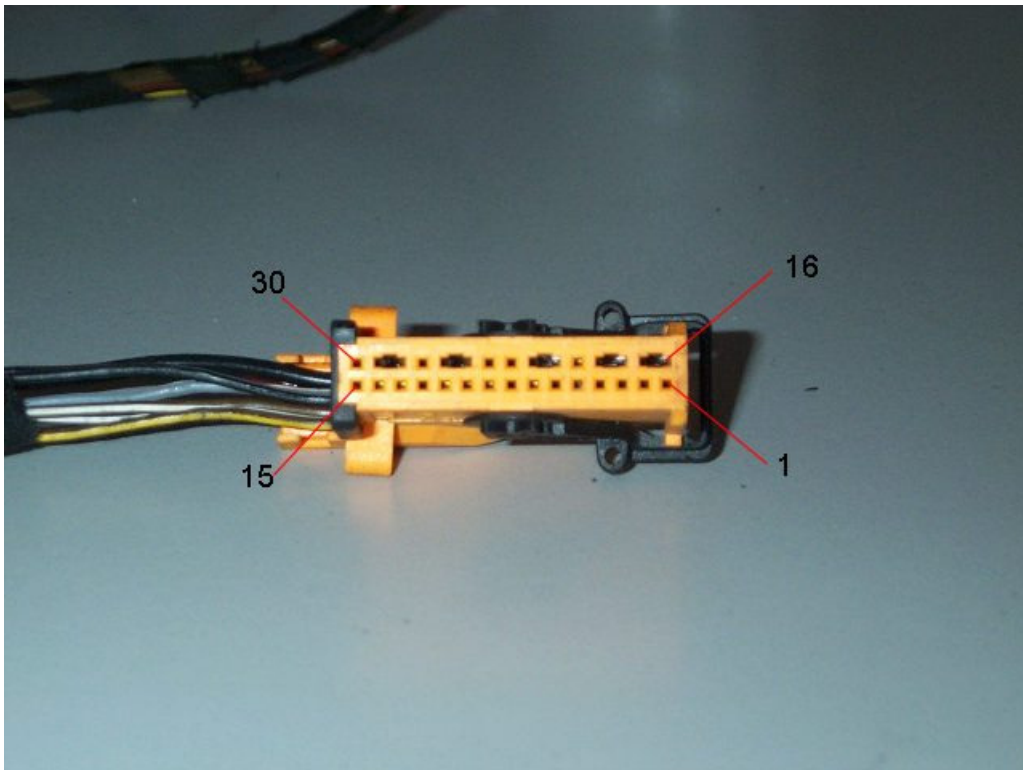
VW-Audi Airbag Reset Tool has incorporated fully automatic airbag sensor type recognition. VAG Airbag Reset Tool works without additional computer and thought car OBD II connector can erase airbag sensor "crash data" or only fault memory.

Works with these cars:

Older VW-Audi cars. In some cases use OBD to VAG old type converter (VAS-5051-2 not included in package). Sensors with white or orange 30-pin connector.



- **AUDI A4, A6, A8 1994-1997: Airbag V BOSCH:** 8A0 959 655 C (Bosch 0 285 001 038), 8A0 959 655 K (Bosch 0 285 001 155), 8A0 959 655 K (Bosch 0 285 001 151) - Crash data erase, Fault erase;
- **VW - Golf III, Passat B4, Sharan:** 1J0 909 603 **SIEMENS** - Crash data erase, Fault erase;

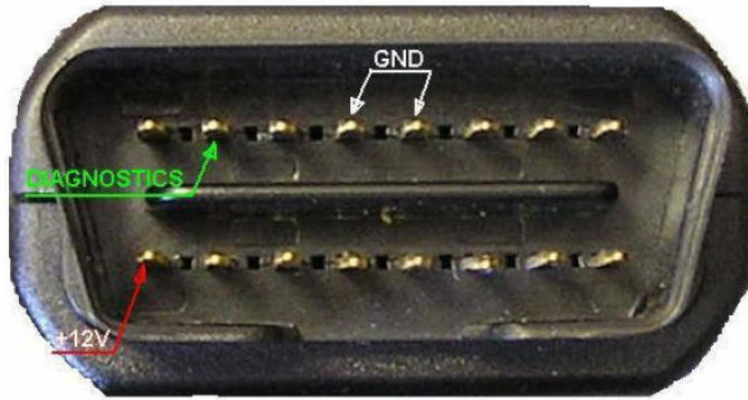


You can connect this sensor on the table and erase crash data using our VAG Airbag Tool.

Use this wiring:

Airbag sensor: K-line = pin 9, GND = pin 6, +12V = pin 5

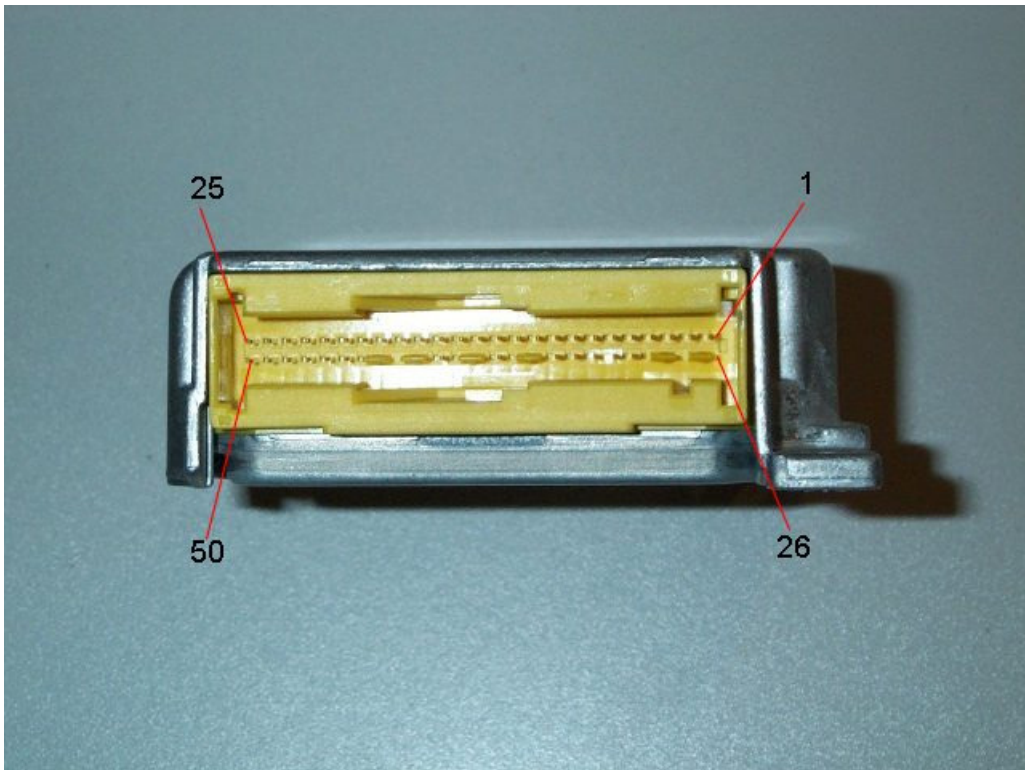
VAG Airbag Reset Tool: K-line = pin 7, GND = pin 4+5, +12V = pin 16

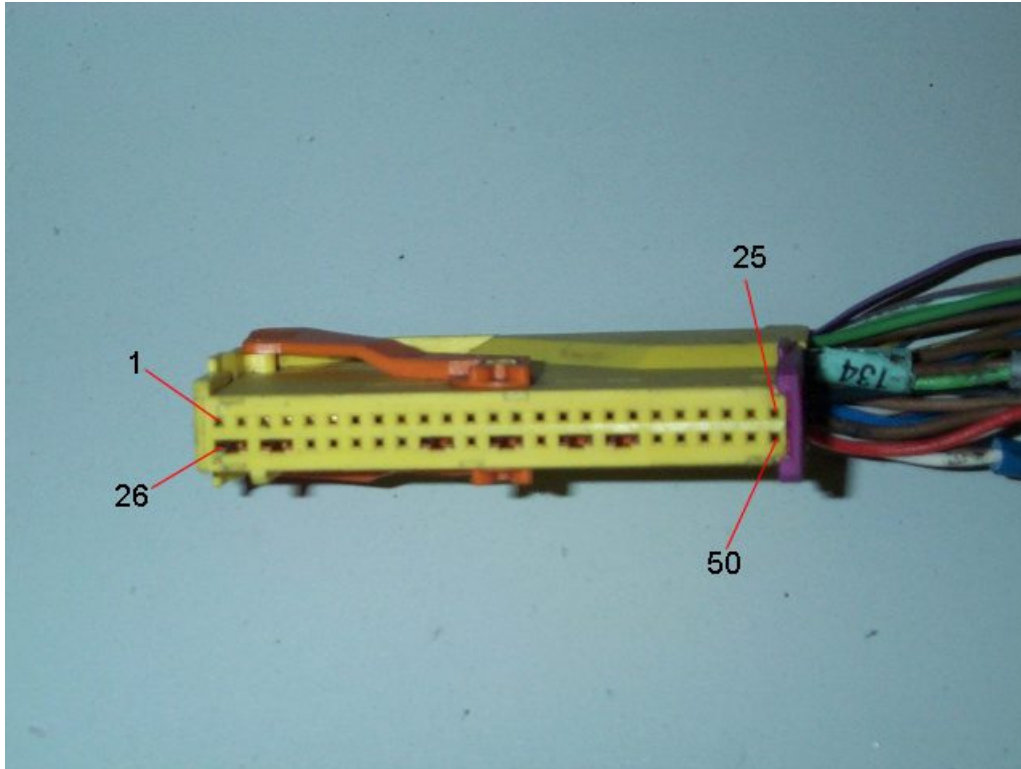


Apply +12V power supply and push RED or BLACK button on the VAG Airbag Tool.

VAG cars 1997-1999 airbag sensor with yellow or orange 50-pin connector.

- **VW - Golf IV, Passat B5:** 1J0 909 609, 1J0 909 607 - **SIEMENS** - Crash data erase, Fault erase;
- **AUDI A3, A4, A6, A8 <1999:** **Airbag 7 BOSCH** - 4B0 959 655 C, 4B0 959 655 J, 4D0 959 655 C, 4D0 959 655 H, 8D0 959 655 C, 8D0 959 655 L, 8L0 959 655 F - all Bosch Airbag 7 - Crash data erase, Fault erase;





You can connect this sensor on the table and erase crash data using our VAG Airbag Tool.
Use this wiring:

Airbag sensor: K-line = pin 5 (connected with car OBDII connector pin 12), GND = pin 6, +12V = pin 8, airbag lamp = pin 9;

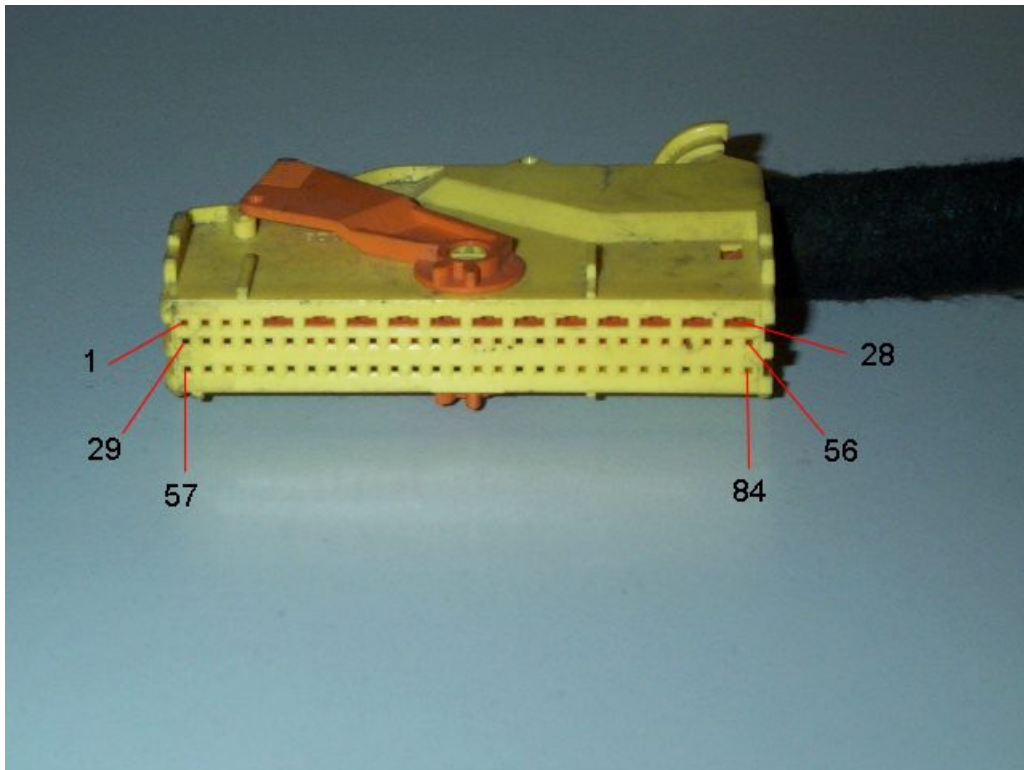
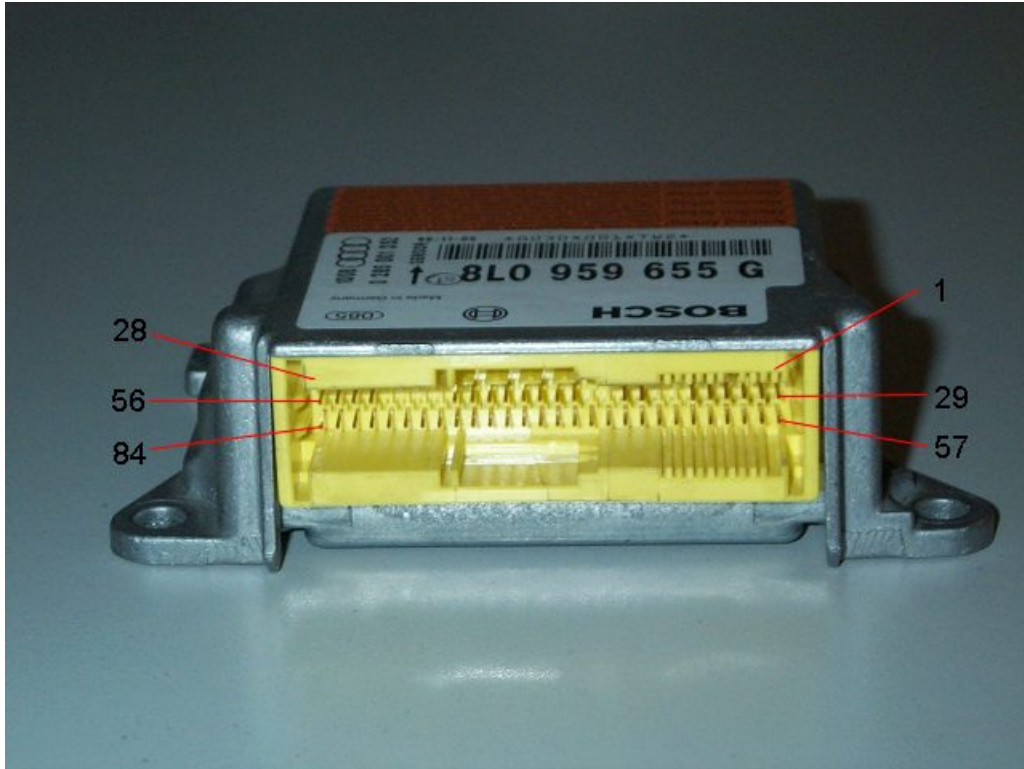
VAG Airbag Reset Tool: K-line = pin 12, GND = pin 4+5, +12V = pin 16;

Apply +12V power supply and push RED or BLACK button on the VAG Airbag Tool.

Audi cars 2000 -2002 airbag sensor with yellow 84-pin connector.

- **Audi A2, A3, A4, A6, A8 - 1999<:** **Airbag 8 BOSCH** - Crash data erase, Fault erase (can erase "Controller Malfunction");
- 8L0 959 655 G (Bosch 0 285 001 352) and others with **HC12 processor**;
- 4D0 959 655 J (Bosch 0 285 001 266), 8D0 959 655 J (Bosch 0 285 001 276), 8D0 959 655 F (Bosch 0 285 001 270), 8D0 959 655 M and others with **National CR16 (44 PLCC)**;





You can connect this sensor on the table and erase crash data using our VAG Airbag Tool.
Use this wiring:

Airbag sensor: K-line = pin 67 (connected with car OBDII connector pin 7), GND = pin 66, +12V = pin 65, airbag lamp = pin 68 and 70;

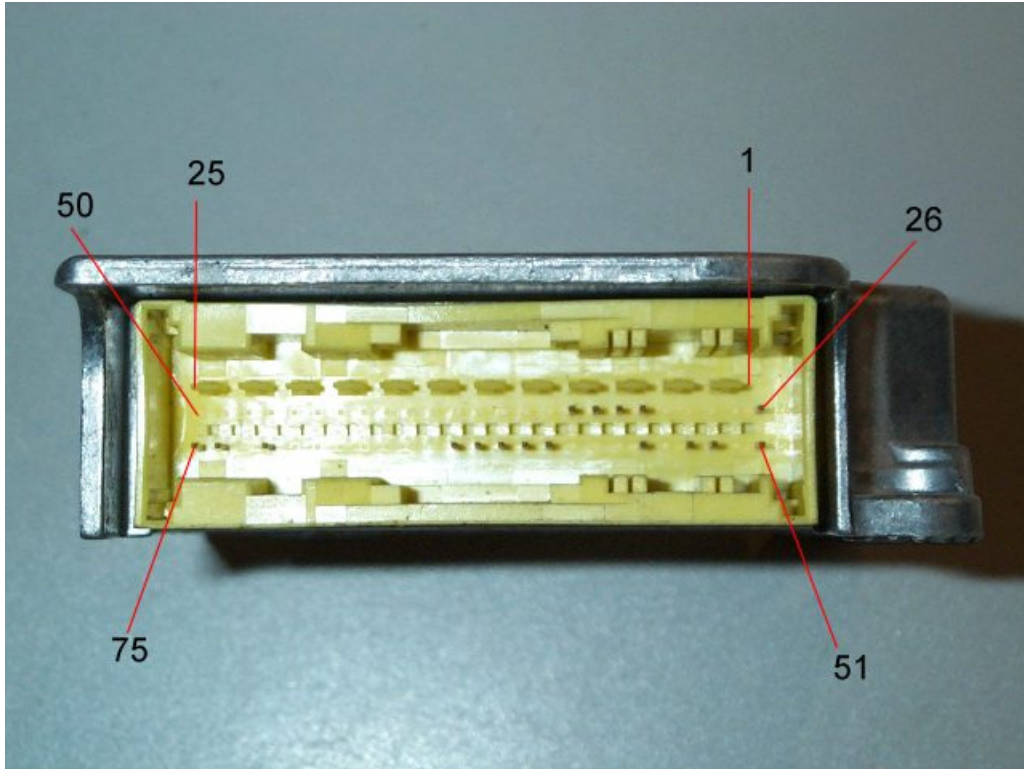
VAG Airbag Reset Tool: K-line = pin 12, GND = pin 4+5, +12V = pin 16

Apply +12V power supply and push RED or BLACK button on the VAG Airbag Tool.

VW cars 2000-2004 airbag sensors with yellow 75-pin connector.

- **VW - Golf IV, Passat B5, Sharan:** 6Q0 909 605 A, 6Q0 909 605 B - **SIEMENS** - Crash data erase, Fault erase;
- **VW - Golf IV, Passat B5, Sharan:** 1C0 909 605 C, 1C0 909 605 F, 1C0 909 605 H, 6Q0 909 605 C - **SIEMENS** - Crash data erase, Fault erase;
- **VW - Passat B6:** new **SIEMENS** - Crash data erase, Fault erase;
- **VW-** Polo;

These sensors use CAN bus. In some cases this airbag type "crash erase" works only on the table. If by OBDII connector you can't erase crash data, try to disconnect instrument cluster blue connector and erase by OBDII again. If red diode indicates crash data erase error, you must remove airbag sensor from the car, connect it on the table and now erasing must by OK.





You can connect this sensor on the table and erase crash data using our VAG Airbag Tool.
Use this wiring:

Airbag sensor: K-line = pin 54 (connected with car OBDII connector pin 7), GND = pin 51, +12V = pin 26, airbag lamp on dashboard by CAN bus;
VAG Airbag Reset Tool: K-line = pin 12, GND = pin 4+5, +12V = pin 16

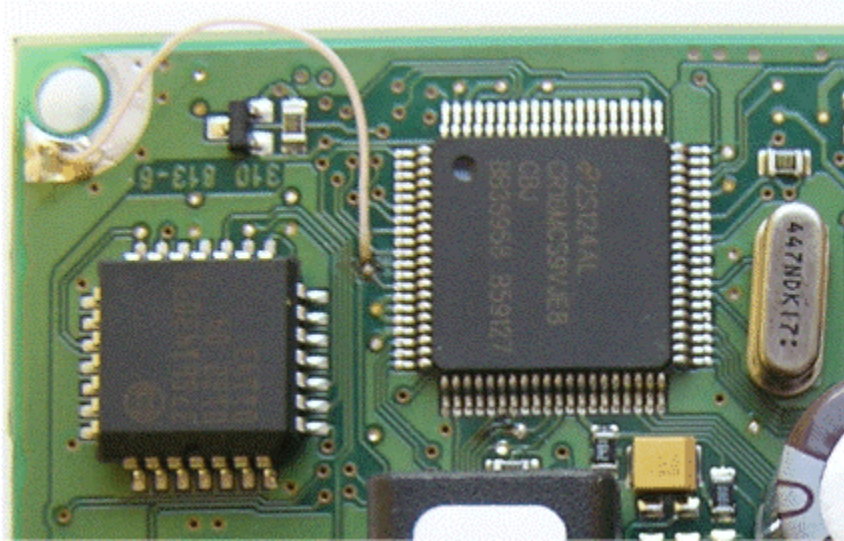
Apply +12V power supply and push RED or BLACK button on the VAG Airbag Tool.

New Audi, VW from 2002 airbag sensors.

Airbag sensor from VW-Audi (A3, A4, A6, A8 2002-2005, Touareg) have diagnostic by CAN bus. But K-line is still used. Some times K-line is not connected to OBDII connector. To repair these sensors you must remove it from the car and connect on the table. Is possible to read and write airbag sensor internal CR16 (80 QFP) EEPROM memory by K-line. Works with all VW-Audi airbag sensors with **National CR16 (80 pin QFP)** inside.

How to work with these airbag modules? New Audi and VW cars airbag sensors have many different software versions. First we planed to release VW-Audi Airbag Reset Tool update with automatic "crash data" erase, but after many customers questions about new cars airbag repair, we released CR16 programmer by OBDII connector. These sensors have VIN number stored in airbag ECU and you can't change all memory. To erase "crash data", you must do EEPROM modification by yourself.

Remove and open airbag sensor. For Read/Write VW-Audi airbag sensor microcontroller CR16 internal EEPROM, you short processor pin 13 to GND like in picture:



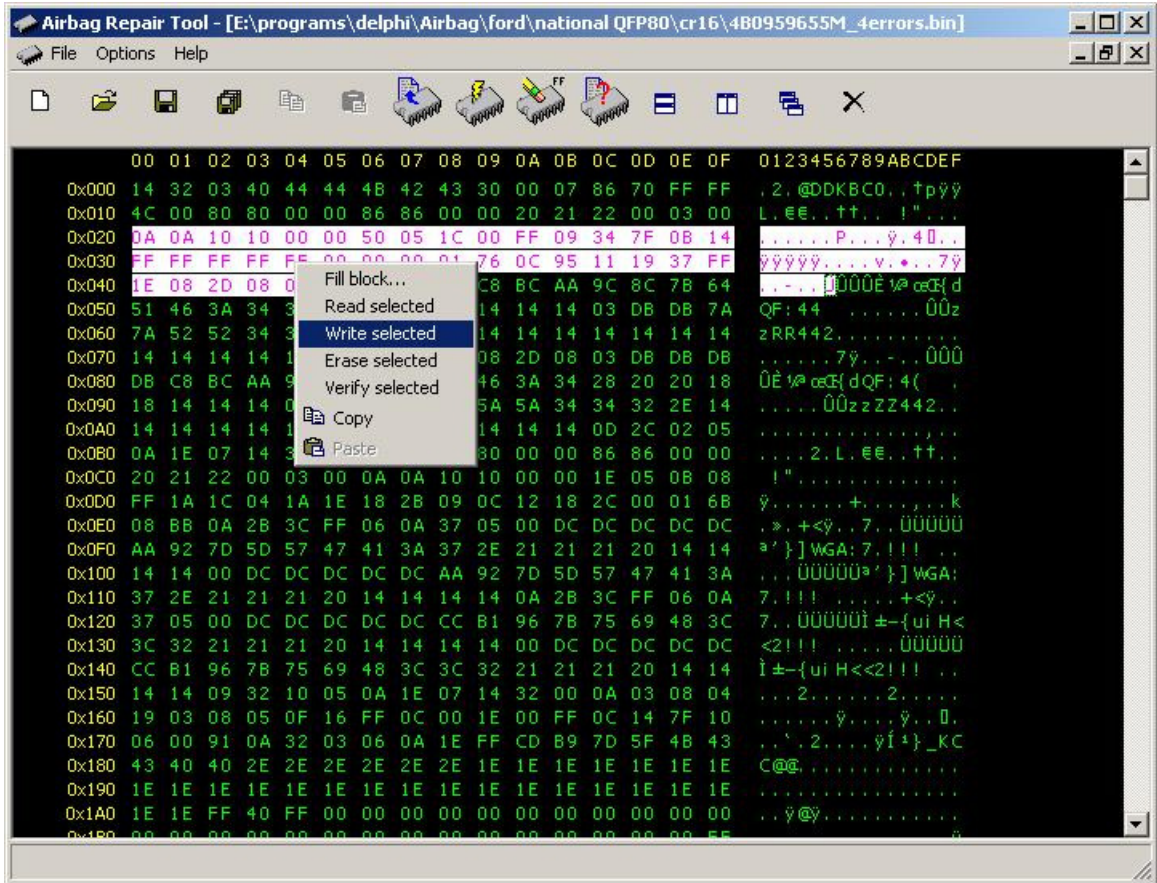
You can install sensor back to the car or connect this sensor on the table. Some cars don't have K-line, in this case use connection on the table.

Use this wiring:

Airbag sensor: K-line = pin 67 (connected with car OBDII connector pin 7), GND = pin 66, +12V = pin 65, airbag lamp = pin 68 and 70;

VAG Airbag Reset Tool: K-line = pin 12, GND = pin 4+5, +12V = pin 16;

Apply +12V power supply and read and save original EEPROM. Now you can try to do EEPROM modification, install sensor to the car (disconnect pin 13 wire!) and see "crash data" status. In most cases some EEPROM part modification to 00 or to FF erase crash data.



Works also for Ford with CR16 (80 pin) airbags.
