



SI B61 24 14  
General Electrical Systems

September 2014  
Technical Service

**PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.**

#### SUBJECT

**Service Action: Install Missing CAN Terminating Resistor**

#### MODEL

F82 (M4 Coupe)

#### SITUATION

The general electrical system functions fail to operate properly. Various erroneous fault codes are stored throughout the vehicle.

#### CAUSE

The CAN (Controller Area Network) terminating resistor is missing from the vehicle wiring harness near the EKPS (Electric Fuel Pump Control) module.

#### CORRECTION

Install the missing CAN terminating resistor.

#### AFFECTED VEHICLES

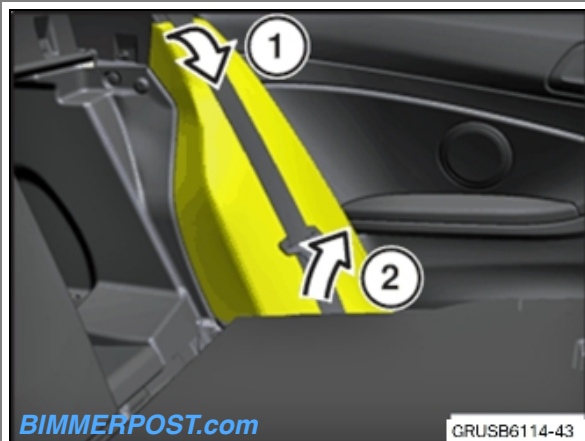
This Service Action involves 4 Series Coupes produced from March 2014 to July 2014.

First check if a Service Action label with a code number **703** is already attached to the B-pillar.

If a code number **703** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

#### PROCEDURE



1. Switch the ignition off and disconnect the battery.
2. Fold down the rear bench seat.
3. Remove the passenger's side section of the rear seat (driver's side is shown from ISTA Repair Instruction 52 26 008).



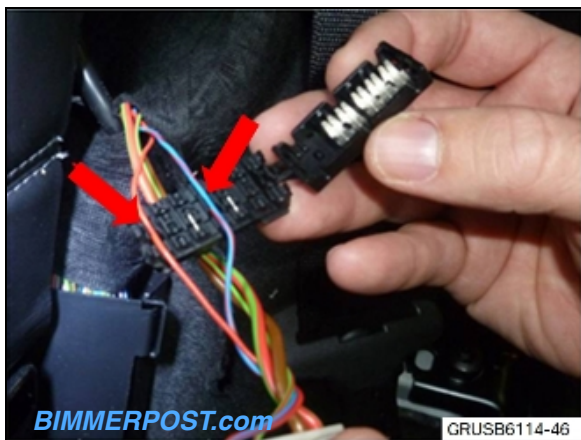
4. Disconnect the white 16-pin connector from the A98 EKPS.



5. Expose and untwist the wiring harness and identify the two CAN wires:

Pin 9 – Blue/Red

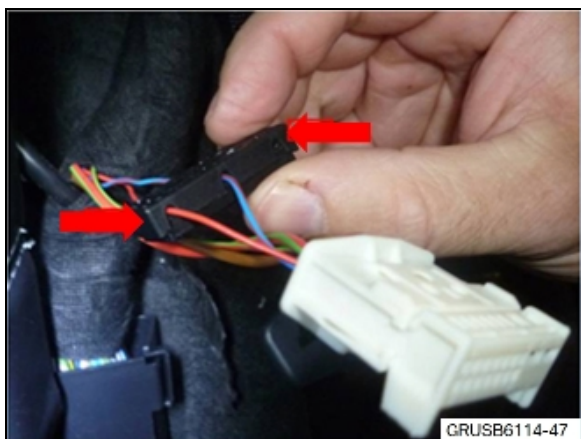
Pin 16 – Red



6. Guide the wires in parallel to a length of approximately 4-5 cm. Insert them into the terminating resistor connecting strip (P/N 6113 9 129 328) as shown. The two CAN wires should fit into the two grooves in the connector as shown.

Red wire – outer groove

Blue/Red wire – middle groove

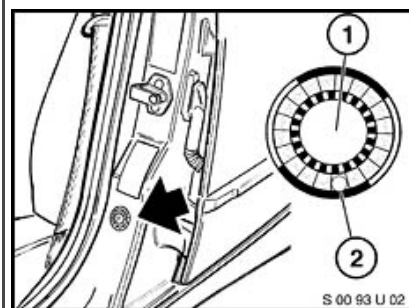


7. Close the connecting strip until each side clicks into place.
8. Tape the wiring harness including the terminal resistor.
9. Connect the 16-pin connector back to the EKPS module.
10. Reinstall the seat section.
11. Reconnect the battery and clear the fault codes.
12. Test the functionality of the system.

#### PARTS INFORMATION

| Part Number     | Description          | Quantity |
|-----------------|----------------------|----------|
| 61 13 9 129 328 | Adapter, 3-way black | 1        |

#### LABEL INSTRUCTIONS



This Service Action has been assigned code number **703**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-453) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **703** (2), printed on the label; and
- C. Affix the label to the B-pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

#### WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

|                         |                         |                                       |
|-------------------------|-------------------------|---------------------------------------|
| <b>Defect Code:</b>     | <b>00 61 13 04 00</b>   |                                       |
| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>                   |
| 00 62 753               | 7 FRU                   | Retrofitting the terminating resistor |

Labor operation code 00 62 753 is a Plus labor operation.