

Technical Bulletin

Model
6 Cyl.

Group
6

Subject
Automatic Dimming
Rearview Mirror

Part Identifier
6827

Number
9605

ATTENTION: Service Manager / Service Technician

Models Affected: **1995 911 Carrera and 911 Carrera 4**
1996 911 Carrera, Targa, Turbo, C4 and C4S

Concern: Service installation of automatic dimming inside rearview mirror.

General Information: Service installation of automatic dimming rearview mirror part number, **000 044 800 10**, is possible on vehicles with the large base rearview mirror from the following VIN's:



99 X SS 32 0898 **Coupe**
99 1 SS 34 0546 **Cabriolet**

Installation Procedure:

- Disconnect the battery and remove the inside rearview mirror using special tool **9578**.
- Extend the 3 wires of the wiring harness on the automatic dimming rearview mirror by 1.5 meters (5 feet), using an orange wire to extend the red wire of the dimming mirror, a brown wire to extend the black wire, and a grey wire to extend the white wire.
- Solder the extended wires to the existing mirror wiring and use shrink tubing to insulate the connections.
- Attach the automatic dimming mirror to the mirror base. Apply the supplied double sided tape to the windshield from the mirror base to the upper inside rubber trim of the windshield.
- Run the wiring harness against the double sided tape up to the inside rubber trim of the windshield. Route the wiring harness along the windshield trim and down the left side A-Pillar. Attach the supplied harness cover to the mirror and extend it up to the inside windshield rubber trim.
- Remove the defroster vent, clock, left side large and small combi-gauge. Remove the top padded dashboard cover.
- Route the wiring for the inside mirror through the opening where the A-pillar and the dashboard meet. Route the wiring harness of the automatic dimming mirror into the driver's footwell area, through the grommet of the main harness located near the left side of the tachometer.

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- Installation Procedure cont'd:**
- Route the wiring along the main wiring harness to the A/C heater control unit. Remove the A/C heater control and remove the G and K connectors from the A/C heater control unit.
 - Connect the brown wire to plug connection K1 (terminal 31) and connect the orange wire to connection G35 (terminal 15) of the A/C heater control main wiring.
 - Connect the grey wire to connection G21 (backup light signal), on vehicles **up to VIN 99 SS 32 1453 Coupe and 99 SS 34 1224 Cabriolet**. The G21 wire may not be installed in the 35 pin G connector, however, if approximately 2 inches of insulating tape is removed from the harness, it can be located. Attach the grey wire directly to that wire. On vehicles with VIN's higher than the above mentioned VIN's, connect the grey wire to connection G7.
 - Reinstall the dashboard trim, defroster vent, gauges and A/C heater control unit. Reconnect the battery, set the radio code and clock to the correct time.

- Testing Mirror:**
- With the vehicle sitting in daylight and the ignition switched on, cover the photo sensor on the forward facing side of the mirror with electrical tape. The mirror should darken. Remove the tape from the photo sensor; the mirror should lighten.
 - With the vehicle sitting in daylight and the ignition switched on, cover the photo sensor on the forward facing side of the mirror. Engage reverse gear of the transmission; the mirror should lighten. Take the transmission out of reverse; the mirror should darken. Be sure to remove the tape from over the photo cell on the forward facing side of the mirror after testing.

Parts Information: Automatic Dimming Rearview Mirror Kit
part number, 000 044 800 10

Installation Time: 200 Time Units

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