

**Becker Radio Retrofit**

Binder - Service Tech Bulletins.  
This bulletin replaces bulletin of the same name dated 8-24-01.

Vehicle Type: **911 Carrera (993) / 911 Turbo (993)**

Model Year: **MY 1996**

Concern: **Retrofit of new version Becker radios.**

Information: Currently the CDR 210 radio is in short supply. Therefore it may be necessary to retrofit the newer version radio, CDR 220 in its place. The CDR 220 is currently installed in new vehicles.

It was necessary to modify the faceplate of the CDR 220 to achieve the proper viewing characteristics needed for the 911 (993) model. The radios are based on a rebuilt CDR 220. The modified radios are marked with a green dot on the rear surface of the faceplate and the serial number sticker is located on the chassis of the radio.

The modified radio is supplied with the necessary wiring for installation. Order the additional connectors for the Central Electric Board (CEB) as required.

The CDR 220 has the following additional features:

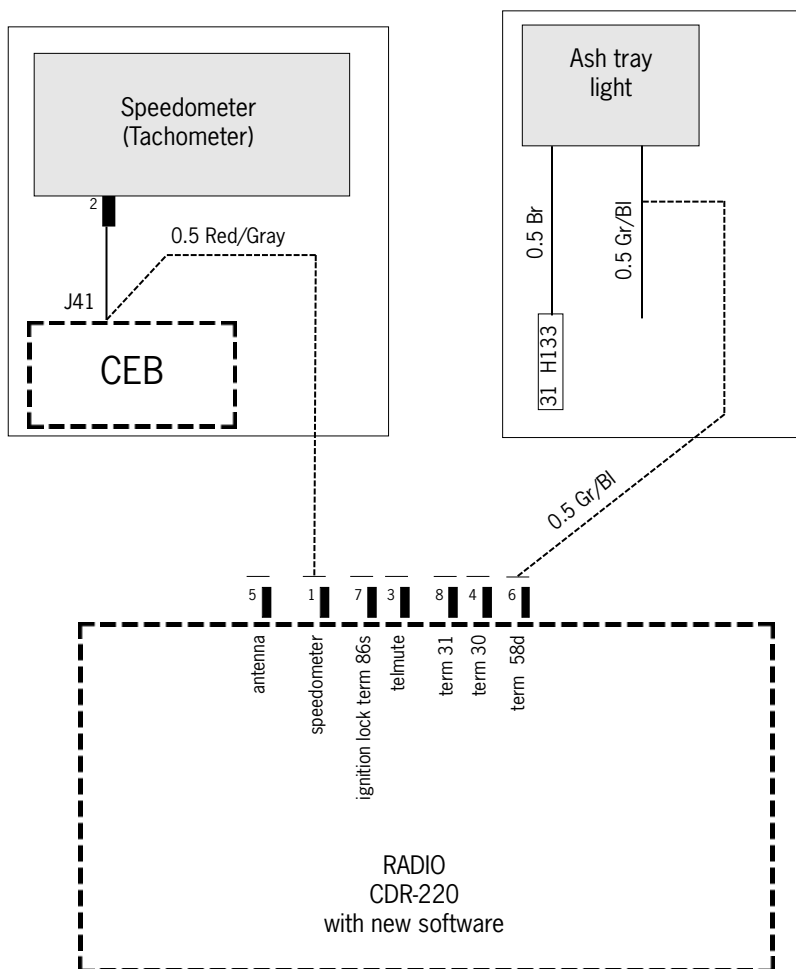
- Speed dependant volume control (GAL).
- Adjustable back light illumination.

Please read the entire bulletin first, then check with the customer to see how he/she wants the additional connections configured.

Work Procedure: Installing the necessary wiring for the speed dependent volume control (GAL) and the back light illumination.

Note: If the customer does not wish to have the "GAL" function active, skip to step 2.0.

- 1.0** Installing the wire for the "GAL" function. See figure 1 on page 2.
- 1.1** Install the Red/Grey wire into pin 1 of the 8 pin plug at the back of the radio.
- 1.2** Locate plug J41 in the central electric board.
- 1.3** Run the Red/Gray wire along with the main harness out to the Central Electric Board. Attach the wire to the harness with wire ties.
- 1.4** Attach the connector, part number **N 903 352 04** to the end of the Red/Gray wire and insert into plug J41 in the Central Electric Board.
- 2.0** Installing the wire for the Radio back light. See figure 1 on page 2.
- 2.1** Install the Gray/Blue wire into pin 6 of the 8 pin plug at the back of the radio.
- 2.2** If the customer desires *maximum* illumination all the time, run the wire out to the Central Electric board along with the main harness. Attach the wire to the harness with wire ties.



- Work Procedure:
- 2.3 Attach the connector, part number **N 903 352 04** to the end of the Gray/Blue wire and insert into plug K14 in the Central Electric Board.
  - 2.4 If the customer desires *adjustable* illumination, run the wire down to the ashtray light wiring.
  - 2.5 Shorten the length of wire by about 30mm and splice into the Gray/Blue wire for the ashtray light. Make sure the connection is soldered and insulated against ground.

- Work Procedure:
- 3.0** Installing the CDR 220 radio.
  - 3.1** Remove the old radio bracket and discard.
  - 3.2** Connect the CDR 220 and install into the dashboard opening.
  - 3.3** Enter the radio code and check all radio functions.

Parts Information:	<b>Part Number</b>	<b>Description</b>
	993 645 120 X	Original Exchange Radio (CDR 210)
	PNA 996 645 120 X	Modified Exchange Radio (CDR 220)
	N 903 352 04	Connector for CEB - order as required.

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