

Connector C036L1B (6-way) – Coach-builder's socket

3D view of connector

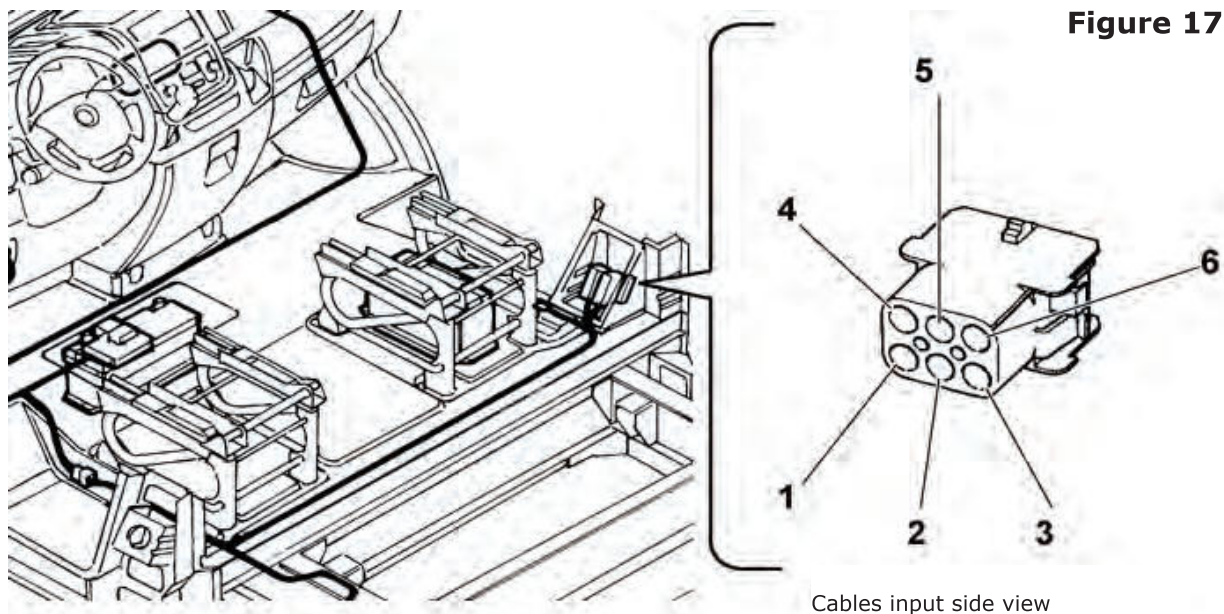


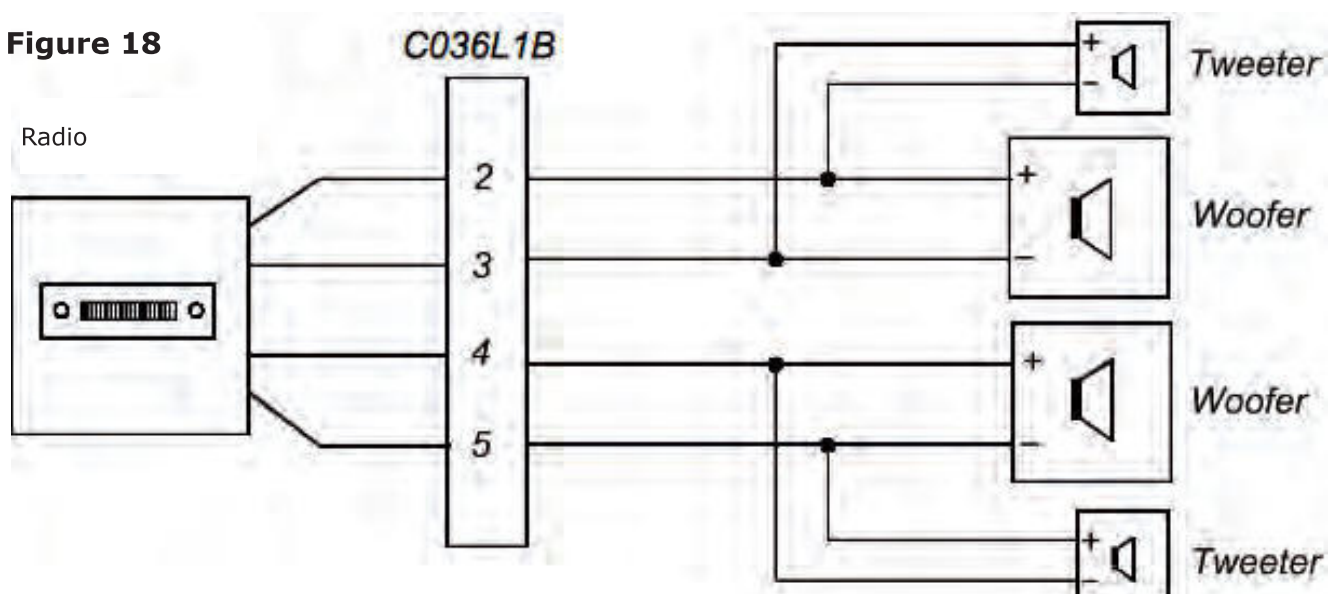
Figure 17

Description of connector functions

| Pin | Function/Connector part number | Minimum cable section [mm ²] | cable colour | Notes |
|-----|--|--|--------------|---|
| | Connector 6-way Tyco p/n 1-480705-0 Counterpart: Tyco p/n 1-480704-0 (by coachbuilder) | | | Reference to diagram C036-L1B |
| 1 | Permanent 12V power supply (+30) for radio | 1,5 | RG | Permanent supply from auxiliary battery to radio cable present only from C036-L1A to Y028L1A ⁽¹⁾ |
| 2 | Rear RH loudspeaker + | 1 | LR | (2) |
| 3 | Rear RH loudspeaker - | 1 | LN | (2) |
| 4 | Rear LH loudspeaker + | 1 | B | (2) |
| 5 | Rear LH loudspeaker - | 1 | BV | -2 |
| 6 | Not connected | - | - | - |

⁽¹⁾ NOTE: the connection from connector Y028L1A to radio is made by the coach-builder, who must suitably isolate the radio power supply present in the vehicle main system (see description in paragraph 4.2.4 – Figure 19)

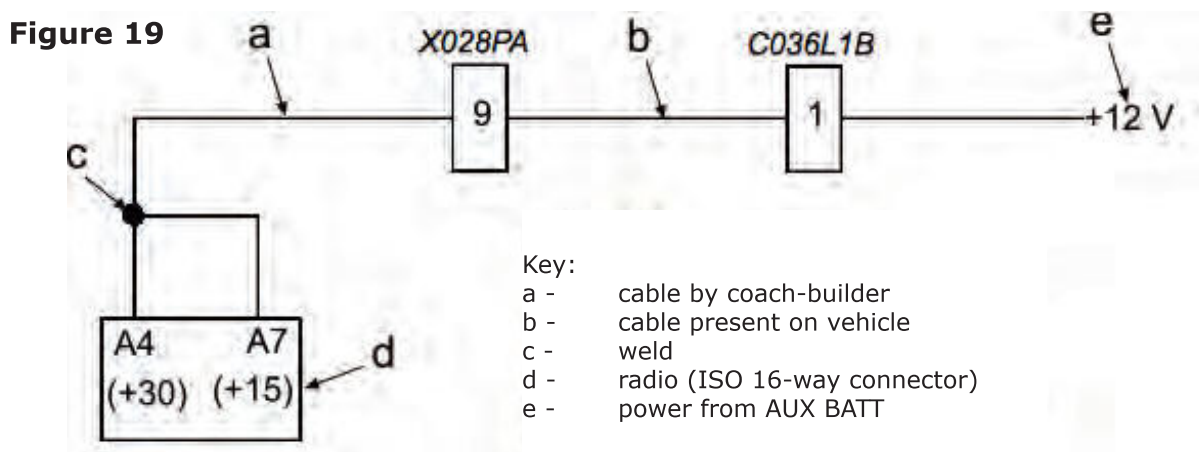
⁽²⁾ Fiat Chrysler Automobiles S.p.A. radio power output: 13.4W at 14V
 Fiat Chrysler Automobiles S.p.A. radio drivers: 4 ohm equivalent for each channel
 Fiat Chrysler Automobiles S.p.A. Tweeters: 15W RMS max
 Fiat Chrysler Automobiles S.p.A. Mid-range and Full-range: 20W RMS max

Rear loudspeaker connection**Figure 18**

Radio permanent power supply

If the radio requires a permanent power supply even with the key off (1) (+KEY= off) the following circuit is possible.

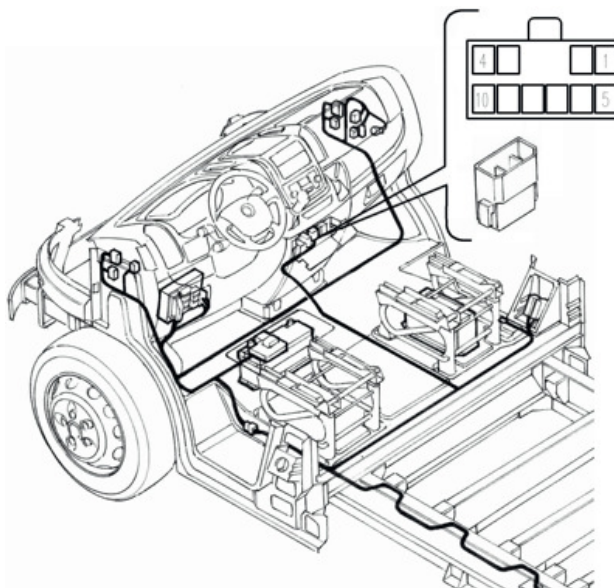
► **CAUTION: This setting can cause a faster main battery discharge.**



Terminal for hole 9 of connector X028PA: Tyco p/n 282375-1 (cable 1.5 mm²)

After removing the terminals of the original wires from position A4 and A7 on the radio 16-way ISO connector, apply an adequate amount of insulating tape to prevent accidental reciprocal contact or with metal parts.

Figure 20



⁽¹⁾ Operation only allowed with radio installed aftermarket (for example Fiat Chrysler Automobiles S.p.A. accessory line).

► **ATTENTION: this modification is not allowed with a Fiat Chrysler Automobiles S.p.A. standard radio.**