

65 Corvair Wiring

Harnesses

1. Front Trunk wiring
2. Windshield washer; 2 wire harness that adds Wash and second speed to main wiper circuit.
3. Dash "Main"
4. Instrument panel
5. Body; runs from dash to the engine, most wires are just pass through.
6. Engine
7. Starter

Front Trunk Harness (10 Wires)

- 18 TAN: Low Beam Left
18 TAN: Low Beam Right
- 14 RED: +12V for Horn Relay
- 20 BLK: Gnd for Horn Relay , runs through the horn switch to gnd
- 20 DRK BLU: Right Front Blinker
- 20 BLK / LT BLU: Left Front Blinker
- 16 BLK/ LT GRN: High Beam Left (Both Lights)
16 BLK/LT GRN: High Beam Right (Both Lights)
- 20 PPL: Parking Light Right
20 PPL: Parking Light Left

20 DRK GRN: Horn Relay to Left Horn

20 DRK GRN: Horn Relay to Right Horn

Windshield Washer Harness (2 Wires)

- 20 BLU: Start Wash Cycle
- 20 BLK: Low speed

Dash “Main” (3 major connectors & fuse box)

Fuse Box

- Wiper: 20A Fuse 18 BLK/YEL wire
- Panel: 3A Fuse 20 GRY wire out / 20 DRK GRN wire in
- Radio: 2.5A Fuse 20 BLK/YEL wire
- Heater: 10A Fuse 12 BRN wire
- Tail/Stop: 10A Fuse 20 BLK/ORN wire

Trunk connector

- 18 TAN: Low Beam Out
- 16 BLK/LT GRN High Beam Out
20 BLK/LT GRN to High Beam indicator light
- 14 RED: +12V for Horn Relay
- 20 BLK: Gnd for Horn Relay , runs through the horn switch to gnd
- 20 DRK BLU: Right Front Blinker
- 20 BLK / LT BLU: Left Front Blinker
- 20 PPL: Front Parking Lights

Instrument connector

- 20 TAN: Gas gauge input
- 20 DK BLU: OIL / TEMP Light
- 20 BLK/LT BLU: Left Blinker
- 20 DK BLU: Right Blinker
- 20 Blk / PNK: Ignition
- 20 BRN: ALT / FAN Light
- 20 GRY: Dash Lights
- 20 BLK / LT GRN: High Beam Indicator
- 20 BLK/ORN: +12V from “Tail / Stop” fuse for Clock
- 20 BRN/WHT: Tach (corsa only)
- 20 BLK/LT GRN: Cyl. head temp gauge (corsa only)

Body connector

- 20 DRK GRN: Corsa only TEMP sensor.
- 20 BLK/LT GRN: Backup Light , powered through reverse switch on tranny (Body Harness). +12V from ACC circuit through “Heater” Fuse.
- 12 BLK/ORN: Blower Motor for heater switch.
12 BLK/ORN: Heater Resistor to switch
- 20 BRN: Tail Lights & License plate Light to BRN wire in light switch.
- 20 BRN: GEN Light
24 BRN: Resistor wire to ACC circuit

- 12 PPL: Goes from start of ignition switch to “S” terminal of starter. Has +12V on it when the key is turned.
- 20 BLK/YEL: L.R. Blinker goes to BLK/YEL on Turn Signal Switch
- 20 DRK GRN: R.R.Blinker goes to DRK GRN on Turn Signal Switch
- 20 TAN: Fuel Gauge sender IN
- 20 DRK BLU: Engine temp and Oil Pressure senders to TEMP/OIL Light. There is also a diode in the circuit and a buzzer. Not sure how this works on a MONZA.
- 20 BLK/PNK: Ignition, +12V when switch in IGN position.
- 10 RED: Main +12V, goes from Hot Junction to Dash Harness to power everything.

Ignition switch

- 12 RED: HOT +12V IN
- 12 PPL: Start OUT
- 12 BRN: Accessories OUT
- 124 BLK / PNK: Ignition OUT

Turn Signals

- 18 PPL: connected to Flasher which is connected to Accessory Circuit
- 20 BLK: Horn, switch to ground
- 20 BLK/YEL: Left Rear Blinker
- 20 DRK GRN: Right Rear.Blinker
- 20 DRK BLU: Right Front Blinker
- 20 BLK / LT BLU: Left Front Blinker
- 20 Blk / WHT: +12 from break light switch

Heater Switch

- 12 BRN: Power from 20A fuse and then Accessory circuit.
- 12 TAN: Heater Resistor
- 12 BLK/YEL: Heater Resistor
- 12 BLK/ORN: Heater Resistor, Blower Fan

Light Switch

- 14 RED: Main +12V
- 20 BLK/WHT (2): Door switches to GND when door open.
- 20 DRK GRN: goes to “Panel” fuse to power dash lights.
- 20 BLK/ORN: gets +12V from “Tail / Stop” fuse.
- 20 BRN: Tail Parking Lights OUT
- 20 PPL: Front Parking Lights OUT
- 14 BLK/LT BLU: Headlight power OUT

Headlight Hi/Lo switch

- 14 BLK/LT BLU: Headlight power IN

- 18 TAN: Low Beam OUT
- 16 BLK/LT GRN High Beam OUT

Instrument panel Harness MONZA (8 wires)

- 20 TAN: Gas gauge input
- 20 DK BLU: OIL / TEMP Light
- 20 BLK/LT BLU: Left Blinker
- 20 DK BLU: Right Blinker
- 20 Blk / PNK: Ignition
- 20 BRN: ALT / FAN Light
- 20 GRY: Dash Lights
- 20 BLK / LT GRN: High Beam Indicator

Body Harness (12 wires in front)

- 20 DRK GRN: Corsa only TEMP sensor.
- 20 BLK/LT GRN: Backup Light , powered through reverse switch on tranny (Body Harness). +12V from ACC circuit through “Heater” Fuse.
- 12 BLK/ORN: Blower Motor for heater.
- 20 BRN: Tail Lights & License plate Light to light switch.
- 20 BRN: ALT / FAN signal.
- 12 PPL: Has +12V on it when the key is turned to start.
- 20 BLK/YEL: L.H. Blinker goes to BLK/YEL on Turn Signal Switch
- 20 DRK GRN: R.H.Blinker goes to DRK GRN on Turn Signal Switch
- 20 TAN: Fuel Gauge
- 20 DRK BLU: Engine temp and Oil Pressure senders to TEMP/OIL Light.
- 20 BLK/PNK: Ignition, +12V when switch in IGN position.
- 10 RED: Main +12V, goes from Hot Junction to Dash Harness to power everything.

20 BRN: Goes from “-“ of coil to a Tach on Corsa trim.

Reverse switch connector

- 20 BLK/LT GRN: Backup Light switch
- 20 DRK GRN: Backup Light Switch.

Engine Harness (13 wires)

- 20 BRN: Goes from “-“ of coil to a Tach on Corsa trim
- 10 RED: Main +12V, goes from Hot Junction to Dash Harness to power everything.

- 12 PPL: Goes from ignition switch to "S" terminal of starter. Has +12V on it when the key is turned to start.
- 20 W/R/B: Resistor wire from ign (BLK/PNK) to coil +12V
- 20 BLK/LT GRN: Left Backup Light , powered through reverse switch on tranny (Body Harness). +12V from ACC circuit through "Heater" Fuse.
20 BLK/LT GRN: Right Backup Light.
- 20 BRN/TAN: Tail Lights goes to BRN wire in Light switch.
18 BLK/WHT: License plate light.
- 20 BLK/YEL: L.R. Blinker goes to BLK/YEL on Turn Signal Switch
- 20 DRK GRN: R.R.Blinker goes to DRK GRN on Turn Signal Switch
- 20 BRN: Terminal 4 on Regulator to GEN Light AND a resistor wire to ACC. This is the excite circuit for the alternator. The resistor wire(in the dash) is there in case the Light Bulb goes out. It needs to connect to #1 term on 10SI Alternator.
- 20 DRK BLU: Engine temp and Oil Pressure senders to TEMP/OIL Light.
- 20 DRK GRN: Corsa only TEMP sensor.

20 RED: Hot Junction to Term 3 of Regulator. This is the sense line. It needs to be connected to #2 term on 10si Alternator

10 RED: Hot Junction to B of alternator

Starter Harness (2 Wire)

- PPL: Goes from ignition switch to "S" terminal of starter. Has +12V on it when the key is turned to start.
- B/Y: Goes from "R" terminal of starter to the coil. Has +12V on it when the starter is engaged and gives the Coil a full 12V to help when starting the car. The Coil normally has a resistor drop from the ignition circuit to give the coil around 8V when driving.