

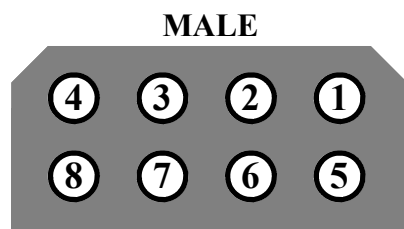
Volvo Wiring Harness FIREWALL LOOM REPAIR

1981-82 240 non-turbo B21F K-Jetronic

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240 B21F (non-turbo) Gray MALE RECTANGULAR CONNECTOR (wires from dash)

Found on **LEFT side firewall** behind intake manifold.



View from rear wires.

WIRE COLORS:

- | | |
|-------------------|---|
| 1. Black | Oil pressure sender. |
| 2. Yellow | Coolant temperature sender. |
| 3. Red | Alternator D+, battery charge warning lamp. |
| 4. empty | |
| 5. Yell/Blue(fat) | Starter solenoid. |
| 6. Gray | Block temp sender. |
| 7. Blue | Control pressure regulator. |
| 8. Brown | Starter aux. wire for ignition power. |

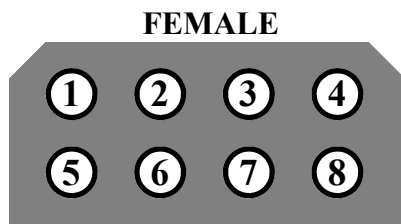
The above MALE connector is found on the driver's side firewall (on LHD cars) for 240 non-turbos and serves wire going into the dash area. The original firewall connector and wires will typically suffer the same fate as the engine harness wires due to engine heat exposure. A new complete firewall/dash harness is not available. A repair solution is not difficult. Either new or good used wire pigtails and a new or good used plastic 8-pole connector housing is needed.

The proper colors would be nice if all are available, but the important thing is having decent connectors with good wire. So substituting a color will be fine. If you use different colors than original, you will just have to keep track of which wires goes to which colors as they connects to those on the engine harness side of the connector.

Once you have all wires inserted into the connector, cut the old connector off on the engine side and pull the wires through the firewall to the underside of the dash. Trim off any wires that appear bad. The wires under the dash will usually still be in decent condition, because they haven't been exposed to engine heat. So your task will be to feed your new wires through the hole from the engine bay to the under-dash area and use a crimp butt-splice connector on each wire to connect them.

240 B21F (non-turbo) Gray FEMALE RECTANGULAR CONNECTOR (wires from dash)

Found on **RIGHT side firewall** behind exhaust manifold.



VIEW FROM REAR

WIRE COLORS:

- | | |
|-----------|------------------------|
| 1. Yellow | Throttle micro switch. |
| 2. Blue | CIS coolant sensor. |
| 3. Red | CIS coolant sensor. |
| 4. Black | Ground. |
| 5. Brown | Idle control valve. |
| 6. Green | Idle control valve. |
| 7. White | Idle control valve. |
| 8. empty | |