

2016-2024 Volvo XC90 | Advanced | 2-3 hours | \$380 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack
Stands Phillips Head Screwdriver Trim
Removal Tool Socket Wrench Extension
Bar Ratchet Wrench Pry Bar Gloves

PARTS

Blower Motor 314-0001 \$300.00
Blower Motor Resistor 314-0002 \$50.00
Cabin Air Filter 314-0003 \$30.00

STEPS

- 1 Disconnect the battery and access the blower - Disconnect the negative battery cable.** On the Volvo XC90, the blower motor is usually under the passenger dash, behind a kick panel, or in the engine-bay HVAC box - remove the trim/glove-box pieces needed for clear access. Wear gloves; s...
- 2 Unplug the blower and note the resistor/module - Unplug the blower motor connector.** If a blower resistor or control module is attached inline, note its orientation and whether it shares screws with the motor cover. Inspect for heat damage or water intrusion.
- 3 Remove the blower motor assembly - Remove the retaining screws and lower the blower motor** out of the housing. Catch any debris or leaves that fall from the scroll. Do not bend the fan cage.
- 4 Compare the new motor and clean the housing - Match connector style, cage diameter, and** mounting flange to the old motor. Vacuum leaves and dust from the HVAC housing opening so the new cage does not hit debris. Transfer any foam seals if not included on the new unit.
- 5 Install the new blower and reconnect - Seat the new blower so the cage clears the** housing, install screws evenly, and reconnect the electrical connector. Reinstall trim panels. Reconnect the battery negative cable.
- 6 Test all speeds and listen for noise - Key-on and run the Volvo XC90 blower through all** speeds in vent mode. Confirm strong airflow with no scraping, squeal, or intermittent cut-out. Recheck dash panels for rattles after a short drive.