2016-2024 Volvo XC90 - Cabin Air Filter Replacement

2016-2024 Volvo XC90 | Easy | 15-25 minutes | $20 DIY

TOOLS

Trim tool or flat screwdriver (optional) Flashlight Gloves Vacuum or rag for debris T25 Torx Bit

PARTS

Cabin air filter $20.00

STEPS

1. **Park and access the passenger footwell - Park on level ground, brake set, ignition off.** The filter sits in the passenger footwell by the firewall - the glovebox stays shut. Slide the seat back and fold the footwell carpet or trim panel. Volvo's interval: every 15,000 miles.
2. **Remove the under-glovebox trim panel - Locate the plastic panel under the glovebox in the** footwell. Remove its two screws by turning them counterclockwise with the Torx T25, then pull the panel toward the back of the car to release it.
3. **Open the filter housing - With the trim panel off, you'll see the filter housing cover** with its two plastic clips. Disengage both clips by turning them clockwise, then pull the cover free. Before you pull the filter, note exactly which way its airflow arrow points...
4. **Install the new filter - Insert the new filter, arrow matching the old - down toward the** blower. Seat it fully flat - don't bend the frame. A charcoal filter (Volvo OE 31406166) is the popular city-driving upgrade; it fits the same housing.
5. **Reassemble the footwell trim - Refit the cover until its tabs click, then smooth the** footwell carpet back and slide the seat forward. Start the engine and run the HVAC on fresh air through several speeds - strong, clean airflow, no whistling or trim rattles.

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