2016-2024 Volvo XC90 - Battery Replacement

2016-2024 Volvo XC90 | Easy | 30-45 minutes | $140 DIY

TOOLS

10mm and 13mm sockets with ratchet socket extension bar plastic trim removal tool battery terminal brush nitrile gloves safety glasses battery carrying strap (optional)

PARTS

Correct group-size battery $140.00
Terminal cleaner $8.00
Terminal protectant $7.00

STEPS

1. **Park and open the cargo area - You will be doing all the work from the cargo area,** because on these Volvos the main 12V battery lives in the trunk, not under the hood - don’t go looking under the bonnet.
2. **Get to the battery behind the left trim - Lift the cargo floor panel out of the way and** look at the left side of the load compartment. A side trim panel hides the battery; lift or unclip it. Set the panels aside where they won’t get stepped on.
3. **Disconnect negative first, then positive - Find the negative terminal near the rear of** the battery and loosen its nut with a 10mm socket. Lift the cable off and push it aside so it can’t spring back. Then tackle the positive terminal, which hides under a red plastic box in the midd...
4. **Free the black box sitting on top - Undo the bolt at its rear and release the clips on** its sides, then lift the whole box clear and set it gently aside. Don’t force the wiring - let it rest out of your way while the cables stay attached to it.
5. **Undo the hold-down and lift the battery out - Undo it and lift the bracket away. Pull the** vent hose off the side of the old battery, then lift the battery straight up and out of the well.
6. **Set the new battery in place - Slide the new battery into the well in exactly the same** orientation as the old one, terminals facing the same way. Push the vent hose onto the new battery’s vent port so gases are routed outside the cabin.
7. **Reconnect, test, and reset - Replace the trim and cargo floor panels. Start the engine** and check that everything works - radio presets, clock, and one-touch windows may have reset, and some vehicles require a battery registration or idle relearn, so check your owner...

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

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