2003-2014 Volvo XC90 - Engine Mount Replacement

2003-2014 Volvo XC90 | Advanced | 2-3 hours | $50 DIY

TOOLS

18mm Wrench 15mm Socket 17mm Socket 10mm Socket Jack Stands Hydraulic Jack Torque Wrench Ratchet Socket Extensions Swivel Socket

PARTS

Front Engine Mount MTA34480 $74.95
Torque Strut Engine Mount MTA34470 $49.95

STEPS

1. **Support the engine and disconnect the battery - Park the 2003-2014 Volvo XC90 on level** ground, set the parking brake, and disconnect the negative battery cable. Support the engine from above with an engine support bar or from below with a jack and a wood block under the oil pan - neve...
2. **Locate the failed mount and remove nearby covers - Identify which mount is bad** (oil-soaked rubber, cracked insulator, or metal-to-metal contact) on the 2003-2014 Volvo XC90. Remove any engine covers, air boxes, or undertrays blocking access to that mount’s fasteners.
3. **Unbolt the mount from the engine and chassis - Remove the through-bolt or nuts securing** the mount to the engine bracket, then the fasteners into the frame/subframe. Note any ground straps, heat shields, or alignment dowels. Lower or raise the engine slightly only as needed for clearanc...
4. **Compare and install the new mount - Seat it fully on the 2003-2014 Volvo XC90, install** fasteners finger-tight first, then torque to the specified values once the engine is back at rest height.
5. **Remove the support and check clearances - Remove the engine support bar/jack. Confirm the** 2003-2014 Volvo XC90 mount is not twisted and that hoses, belts, and wiring have clearance. Reinstall covers and reconnect the battery.
6. **Idle and road-test for vibration - Start the 2003-2014 Volvo XC90 and check for clunks or** excessive movement in gear (auto: Park-to-Drive; manual: clutch engage). Road-test for vibration under acceleration and braking. Recheck mount torque after a short heat cycle if specif...

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