

2016-2024 Volvo XC90 | Advanced | 2-3 hours | \$250 DIY

TOOLS

18mm Socket 17mm Socket 15mm Socket
13mm Socket 10mm Socket Flathead
Screwdriver Jack Stands Hydraulic Jack
Torque Wrench Breaker Bar

PARTS

Upper Torque Rod Engine Mount Hutchinson
3141 01 00 \$100.00
Front Engine Mount Hutchinson 3141 01 01
\$150.00

STEPS

- 1 Support the engine and disconnect the battery - Park the 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 - never leave th...**
- 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 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 - Match the new mount to the old one (stud pattern, snubber orientation, and hardness marks). Seat it fully on the 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 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 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 specified.**