2009-2016 Audi A4 B8 - Front Lower Control Arm

2009-2016 Audi A4 | Advanced | 2-3 hours | $30 DIY

TOOLS

Wire brush WD-40 spray Brake cleaner Copper grease Combination spanner #18 Combination spanner #21 Drive socket #16 Drive socket #18 Drive socket #21 XZN socket bit #12 Jack stands

PARTS

Front Lower Control Arm Bushing (confirm fitment for your 2009-2016 Audi A4's build date before ordering - M12 vs M14 ball joint) $30.00
Cotter pin (new)

STEPS

1. **Safely raise and support the vehicle - Park on level ground, crack the lug nuts loose,** then raise and support the vehicle on jack stands. Remove the wheel. Place a jack under the lower control arm or knuckle to support spring load before unbolting ball joints or bushings.
2. **Mark alignment references and free the ball joint - Mark cam bolts or eccentric washers** before removal so alignment can be approximated on reassembly. Remove the cotter pin and nut, then separate the ball joint from the knuckle with a pickle fork or separator - protect the boot on parts y...
3. **Unbolt bushings and remove the control arm - Remove the inner control-arm bushing** bolts/nuts at the subframe. Lower the arm carefully out of the vehicle. Note bolt orientation and any washers or flags that must go back the same way.
4. **Compare the new control arm - Compare ball-joint taper, bushing style, and mounting holes** to the old arm. Transfer any reusable sensors, brackets, or sway-bar end-link hardware only if the new arm is not fully loaded. Inspect the ball-joint boot for damage before insta...
5. **Install the new arm and torque fasteners - Position the new arm, start all bolts by hand,** reconnect the ball joint, and torque to spec. Where bushings must be torqued at ride height, lower the vehicle onto supports or a jack under the arm before final torque so the bushings aren't...
6. **Reinstall the wheel and get an alignment - Reinstall the wheel, torque lug nuts in a star** pattern, and lower the vehicle. Check for clunks on a short drive, then have a professional four-wheel alignment performed - control-arm work changes camber/caster.

TORQUE

Control arm to subframe 95 Nm 70 ft-lbs
Ball joint nut 55 Nm 41 ft-lbs

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