2009-2016 Audi A4 - Front Lower Control Arm

2009-2016 Audi A4 | Advanced | 2-3 hours | $300 DIY

TOOLS

Wire brush Shock absorber socket WD-40 spray Wheel impact socket #17 Brake cleaner Ratchet wrench Copper grease Combination spanner #18 Pin punch Rubber mallet Jack stands

PARTS

Front Lower Control Arm 8K0407151D $150.00
Ball Joint 8K0407365A $100.00
Control Arm Bushing 8K0407181A $50.00
Cotter pin (new)

STEPS

1. **Safely raise and support the vehicle - Park on level ground, loosen the wheel lug nuts** slightly, then raise the 2009-2016 Audi A4 and support it on jack stands. Remove the wheel.
2. **Mark alignment references and free the ball joint - Mark cam bolts or eccentric washers** if present so you can approximate alignment on reassembly. Remove the cotter pin/nut and separate the ball joint from the knuckle with a pickle fork or ball-joint separator - protect the boot on parts...
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 control arm, start all bolts** by hand, reconnect the ball joint, and torque fasteners to spec. Fit the cotter pin.
6. **Reinstall the wheel and get an alignment - Reinstall the wheel, torque lug nuts in a star** pattern, and lower the 2009-2016 Audi A4. 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 110 Nm 81 ft-lbs
Ball joint pinch bolt 70 Nm 52 ft-lbs

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