

Replacing squeaky Tesla Control Arms

Tesla drivers all over the world reported annoying squeaking sounds in Model 3 and Model Y vehicles, so MEYLE engineers analysed the problem. After intensive development work, MEYLE HD designed an improved control arm for these models, which is now available to the aftermarket. These instructions will guide you through the entire job.



Step 1: Remove the wheel and inner wheel arch. Remove all clips and the screws located under the wing.



Step 4: Remove control arm top mount fixings, located in the frunk. The drain that allowed water to contaminate the original control arm is next to the mounts.



Step 7: Push the ball joint in the swivel bearing



Step 2: Check all the other suspension parts for damage and general condition. Release the ABS wire where it is attached the control arm.



Step 5: Remove ball joint and control arm fixings. Pull the control arm out of the top mount.



Step 8: Tighten all fixings to manufacturer recommended settings:

- Ball joint screw – 56Nm
- Bearing control arm – 50Nm
- Top mount 13mm screw – 35Nm
- Top mount 15mm screw – 62Nm



Step 3: Remove the frunk, by first removing the circuit breaker, and then the screws and clips.



Step 6: Push the new MEYLE HD control arm into the top mount. Adjustment between the arm and the top mount should be 60mm.

Re-attach the ABS cable to the control arm.

A wheel alignment is recommended. MEYLE advises to change both control arms and offers a kit that comes with the correct fittings to get the job done as quickly as possible. An experienced mechanic will probably need only one hour per side to complete this job.

For more information visit MEYLE's website at [meyle.com/en](https://www.meyle.com/en).

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