

MQB Adjustable Rear Lower Control Arm

Installation Guide v2.0 (Oct 2015)

Part No's: EC0212-0301

Application

VW

B6 Passat

MK5, MK6 Jetta, Jetta Sportwagen

MK5, MK6, MK7 Golf, GTI, Golf R

'09+ CC; '12+ Beetle

Audi

MK2 TT, TT-S

8P,8V A3, S3

List of Parts Included

(2) Adjustable Rear Lower
Control Arms

List of Required Tools

18mm Socket

18mm Wrench

21mm Wrench

24mm Wrench

Torque Wrench

Vehicle Lift or Jack Stands

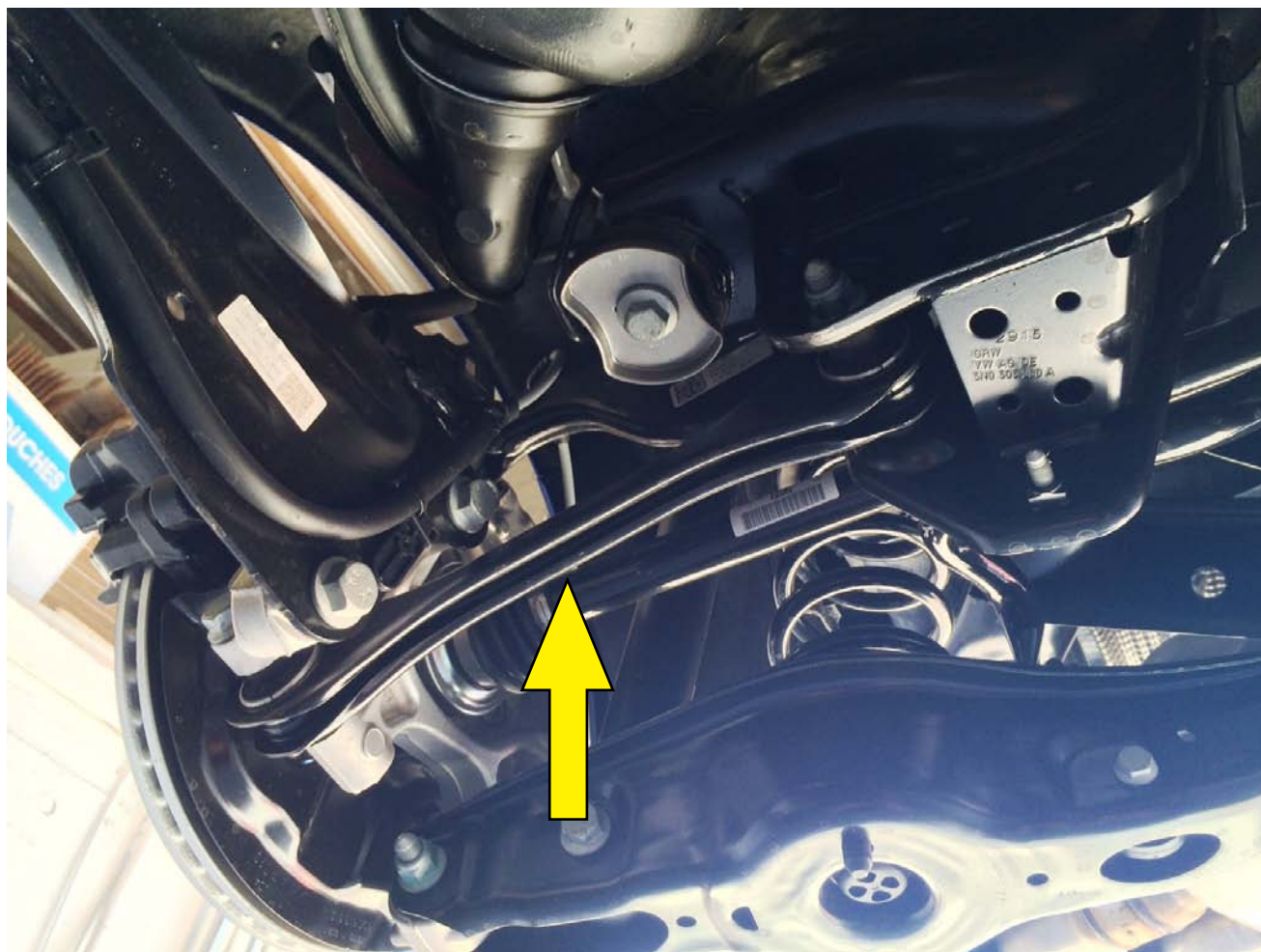
Silicone Grease

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

STEP

1

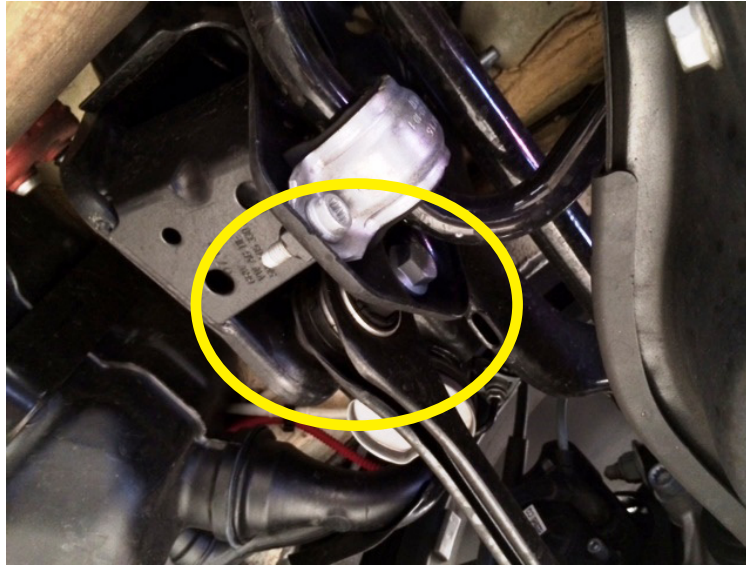
Safely raise the rear end of the vehicle using an automotive lift or jack stands. Remove the rear wheels and locate the lower control arms.



STEP

2

Remove the factory control arms by removing the M12 nut and bolts that attach them to the subframe and the wheel hub, using an 18mm socket and wrenches. Remember the orientation of the nut and bolts and put them aside as these will be reused to install the Eurocode control arms.



STEP

3

Prepare the Eurocode control arms by adjusting the length. Apply a small amount of grease to the threads of the rod ends before threading them in the body. Note that one rod end has a left hand thread. Keep the jam nuts loose at this time. Match the length of the factory control arms (measured center to center of the rod end holes). Set the lengths of the rod ends equally relative to the body and make sure that both Eurocode control arms have the exact same length. Set the orientation of the rod ends exactly the same as the factory control arms. Tighten the jam nuts to 25 ft-lbs (34 Nm) using a 24mm wrench, while holding the body with a 21mm wrench.



STEP

4

Install the Eurocode control arms with the wider end on to the subframe brackets and the narrower end on to the wheel hub. Secure with the same hardware from step 2. Tighten all bolts to 52 ft-lbs (70 Nm) + 180 degree turn using an 18mm socket and wrench. Repeat on the other side.



STEP 5

With the Eurocode control arms installed, the rear wheel alignment can now be fine tuned. To adjust the control arms, simply loosen the jam nuts with a 24mm wrench and rotate the body to increase or decrease the overall length. Once the proper lengths are determined, tighten all the jam nuts to 25 ft-lbs (34 Nm) using a 24mm wrench, while holding the body with a 21mm wrench.

WARNING:

For safety, the Minimum number of threads of the rod ends inserted in the body of the control arm is 10 full threads (0.55" or 14mm thread length). (This translates to a Maximum Over All Length of about 11.8" or 300 mm center to center of the rod end holes.) (For reference, the Minimum OAL is about 10.4" or 264 mm; Factory arm OAL is about 11.1" or 282mm.)

Furthermore, these control arms influence Toe, Camber and Caster settings. It is important that adjustments are done by a certified alignment/race shop.

After the installation, recheck all nuts and screws are tight. After the car has been driven for a 100 miles, check all nuts and screws are properly torqued and periodically thereafter.



STEP

6

Accessories

The rod ends are lined with a Teflon lining to help lubricate and keep dirt and debris out of the spherical bearings. To further protect the rod ends, durable rubber boots are available. Rubber boots need to be installed before the control arms are installed on the car. P/N: ECO202-0109 (4 ea are needed for a set of control arms).



In the case that the Rod Ends need to be replaced, there is a repair kit that includes all 4 replacement rod ends. P/N: ECO212-0303.



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