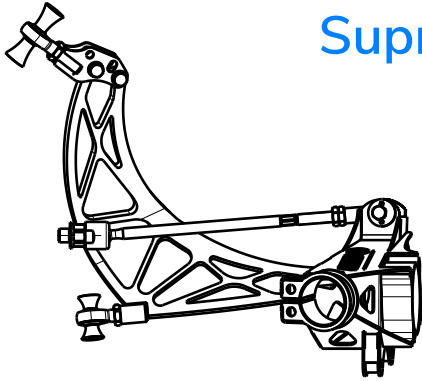


Supra A90 Front lock kit

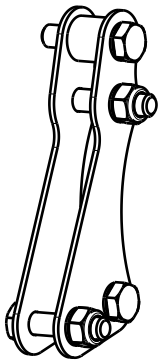
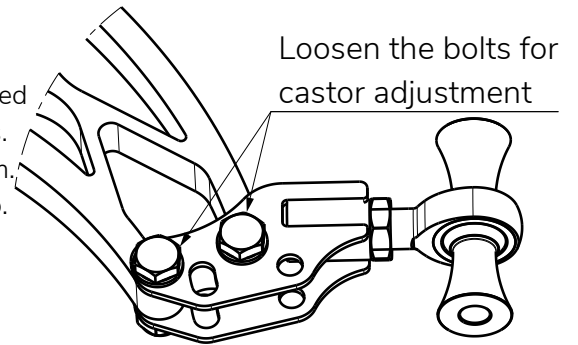


Overall view of assembled components in the right corner

All lengths (exc. tie rod)and camber plate are pre set by Wisefab. No need to adjust before alignment

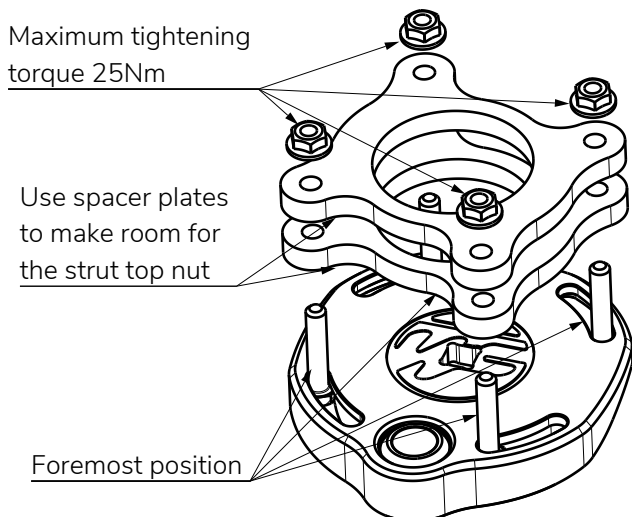
Installing the lower arms

Wisefab lower arms are one piece design, so tension rods are not needed anymore. Mount arms with stock bolts, we recommend using new ones. Caster can be adjusted from the camber plate and the lower control arm. When changing caster from camber plate then camber will change also. Camber change is minimal. When changing caster from lower control arm then first loosen up the lower control arm bracket.



Brake adapter for E90 M series brakes

There is a brake adapter included with the kit. This is for mounting M series brakes to Wisefab kit.



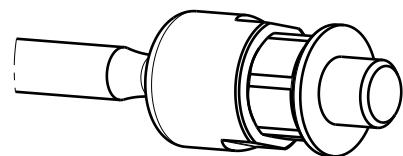
Front Right Camber Plate

Installing the camber plate

Camber plate coilover pick up point should be at the most outside and forward when installing the camber plate to chassis. Installing coilover to camber plate use coilover manufacture nuts and spacers

Installing the rack spacer

Before installing the rack spacer use thread lock on the spacer.



FOR RACING USE ONLY



If you still have some trouble installing the kit, contact us at sales@wisefab.com, or call us +372 5562 5669

Supra A90 Front lock kit

Component fitment

Wheel bearing

Front wheel bearing has to be sourced from BMW E90. Part number 31216765157. OEM can not be used.

Wheels

Wheel bearing has 5x120 PCD. This means that OEM wheels can not be used.

Brakes

We recommend using brakes from BMW E90 or E90 M3. OEM brakes caliper can be used with the supplied E90 M3 brake caliper adapter. Brake adapter may need some modification. OEM brake disc can not be used. When using OEM brake caliper suitable brake disc needs to be sourced. Make sure that the brake disc is centered in the caliper

Strut

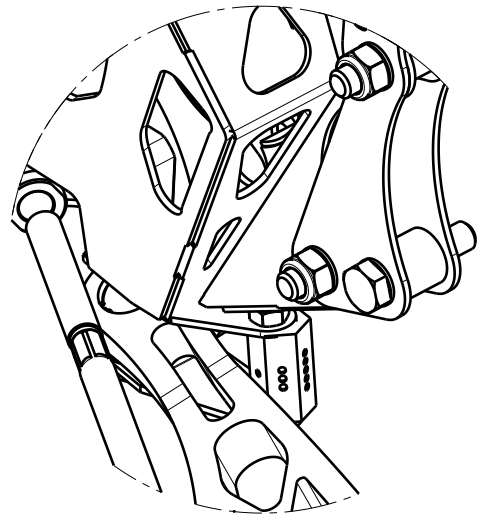
Strut lower fixing diameter has to be 56 mm or 62 mm. OEM fixing diameter is 56 mm. Ride height adjustable coilovers must be used.

Steering rack

We do not recommend using the OEM steering rack but it can be used. If the steering rack is changed it has to be mounted exactly where the OEM steering rack was.

IMPORTANT!

If the lock stopper is set check the clearance between car body, suspension components and the wheel with tire in all extent of the suspension travel. If there is clearance issues then limit the steering lock more or change your wheel alligment.



Recommended alignment specs

Camber: -6,5

Caster: 7

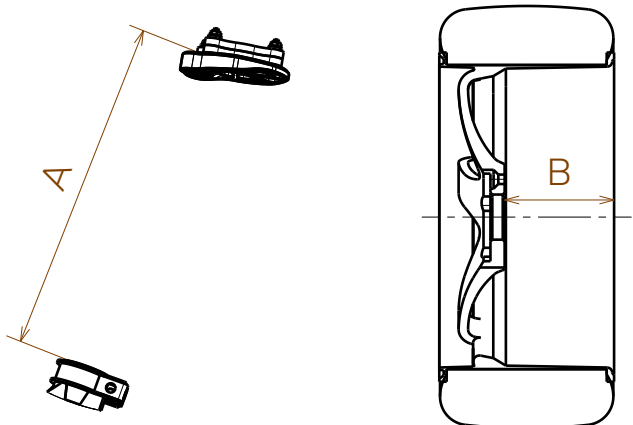
Toe: if ackerman is 0 or negative then toe is 2 mm out,
if ackerman is positive then toe is 0.

Front track: 80 mm wider per side then the OEM

Strut lenght (A) max: 420 mm
min: 290 mm

Wheel backspace (B) max 19": 174 mm
18": 164 mm
17": 158 mm

Some 17" wheels will not fit



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