

**NOW CAN
ADJUST TIRE
'CONTACT'
ANGLES**

FINALLY FRONT & REAR ONGOING

IMPROVE TRACTION & EDGE TIRE WEAR

Camber, Caster (and extraToe) Kits

AUDI TO VOLVO - Including Mercedes 'AMG', BMW 'M'

REAR CAMBER ADJUSTMENT ! #503726M

W223, S350-680, AMG 63, Maybach ('21-'24)

**REINSTATING
'CAMBER'**

EVER INCREASING SPEED OF NEW
CAR ASSEMBLY LINES CAMBER
ADJUSTMENT HAS BEEN DELETED !

NOTE: FRONT "Camber & Caster" Adjustment kit #503716P

K-MAC - FIT WITHOUT ARM REMOVAL !

Precisely Adjustable - Single Wrench

(ULTIMATE - accurately under load - direct on alignment rack)

• WITH 2½ TIMES THE LOAD BEARING AREA •

TOOLS REQUIRED

WRENCH: 2 x 18mm, 2 x 16mm

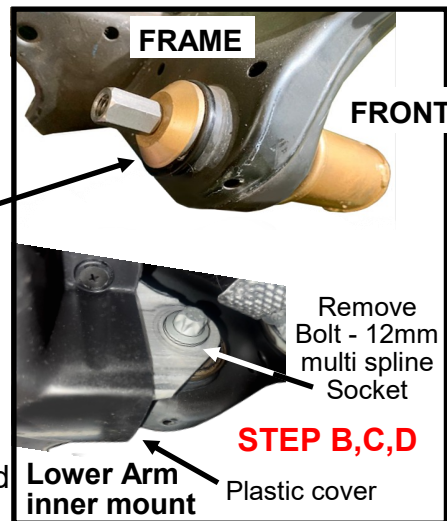
SOCKET: 1 x 18mm, 1 x 18mm (Ext.), 1 x 12mm (Multi Spline)

Installation should be carried out by a qualified person

CAMBER - LOWER ARM INNER BUSHES

- A.** Install with vehicle on 4 post hoist or car ramps to aid reconnection of inner bolts step i.
- B.** Unclip plastic cover from lower control arm then securely position jack under a arm (towards inner end). For ease of bolt removal - Jack / raise arm only sufficient to take up / support load.
- C.** REMOVE THE INNER BOLT (initially quarter way and again re-adjust jack - (if not easy to tap out) - bolt head should be horizontal.

- D.** Slowly lower jack - sufficient only for end of arm to expose the bush in frame. Then install the KMAC threaded rod tool FROM FRONT (as in Pic) and large washer on REAR to extract bush 18mm ext. socket (can be tight - use impact wrench if available).

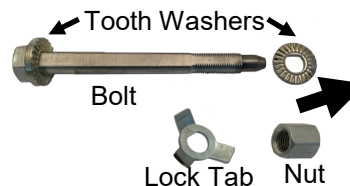


- E.** Clean hole and insert the new KMAC elastomer bushes. Now lubricate the steel inner bushes (only) with silicone grease supplied and insert.

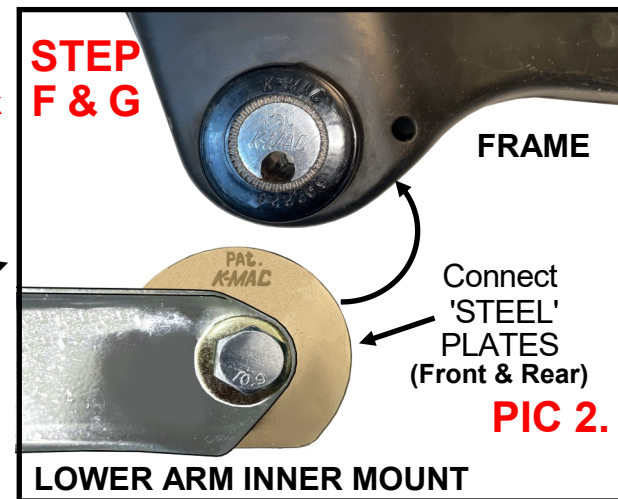
- F.** For ease of bolt entry preferably rotate bush 'D' holes to 6 o'clock position. (Flat then is to bottom).

- G.** Connect steel plates (Front and Rear) in slot as in Pic 2.

- H.** Place tooth washers under head of bolt (then prior to tab lock washer and nut).



- i.** Raise and reconnect arms (insert bolt with flat at bottom so lines up with 'D' hole flat)



WHEEL ALIGN WITH TIRES ON SLIDE PLATES SIMPLY ROTATE BOLT HEADS - UNIQUE KMAC PATENTED SYSTEM (allowing accurate adjustment "under load")

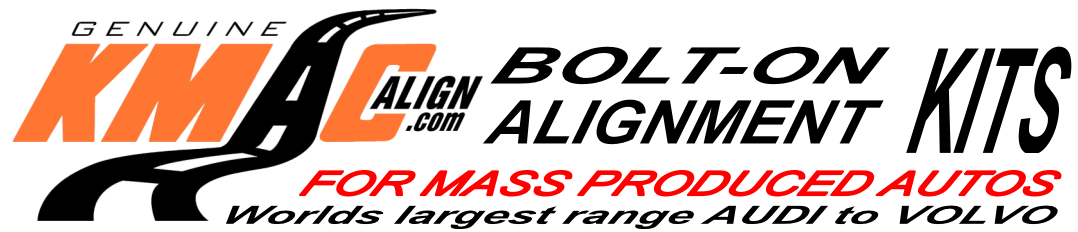
Make sure nuts are loose and rotate the 2 bolt heads for Camber.
Once required settings obtained, hold head of bolts in this position and tighten the nuts to **110Nm (80ft/lbs)**
Then fold one of the 3 lock Tabs that lines up with the side of a nut.
Finally re adjust OEM Toe settings.

ESSENTIAL RECHECK MAKE SURE 4 NUTS ARE FULLY TIGHT
(Loose Nuts Cause Noise Noticeable Camber Change)

CHASSIS QUICK REFERENCE ALL '68-'24 Incl. AMG, Black Series

FINALLY - ON GOING / PRECISE ADJUSTMENT Resolve Steering Pull, Premature Edge Tire Wear

PAGE	FRONT (CAMBER & CASTER)	REAR
8	'10-'18 W212, E200 - 550, E63, E65/S AMG '10-'18 W212, C218 4MATIC ● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	C218 CLS 250 - 550, 63, 65 AMG #502916 K #503616 K #502916-2L #502916-3L
7	'15-'24 W205 / A / C / S, **C180 - C350 4MATIC - **C220 - C450 / C43 AMG C63/A/C, 63S AMG '21-'24 W206/e 4MATIC - C180 - C300 C200 - C400e / C43 AMG	AMG GT4 Door ALL 43 to 63/S #503416-3 #502816 K #503416 K #503316 K #503116 K #503216 K
7	'16-'24 **EQC, W213 E43/53/63, E220-450 '13-'24 **W213 E200-350, **C238, **C217, **C257 '13-'20 W222/S, 63/65 AMG, Maybach ('15-'20). '21-'24 W223, S350-680, AMG 63, Maybach	**C253/X GLC, AMG / 4MATIC #503416 K #502816 K #503016 K #503716 N
7	'02-'20 R172, W204, C207, AMG, 'Black' (C209 AMG, Black #503516K, 270 - 500 #502216K) ● Also Adjustable Strut Top Mounts - for C209 'Black' Series (only)	Stage 2 (Street/Race) #502616 K Stage 3 (Full Race) #502616-2 L #502616-3 L ● Also Adjustable Strut Top Mounts - If Coil Spring Suspension W204/X, C207/A Incl. AMG, 'Black' Series Stage 2 (Street/Race) #503016-2 L Stage 3 (Full Race) #503016-3 L
9	'02-'20 W203/A, W211, C209 (CLK 270 - 500), C219, R171, R230, R231	#502216 K
9	'93-'10 R170, W202, C208 / A	incl. Chrysler Crossfire #502016 J
9	'96-'09 W210 (502116K)	"4MATIC" - W210, W211/S, W220 #502416 K
9	'06-'14 W216, W221 #502316.	'00-'06 W215 CL, W220/S #502516 K
9	'91-'99 W140, Maybach ('97-'12) Have adjustment KMAC doubles adj. range	#501916 K
10	'82-'01 W124, R129, W201 Have adjustment KMAC doubles adj. range ● Also (124, 129) Adjustable Strut Top Mounts (#501716-2 L, #501716-3 L)	#501716 J
10	'77-'91 W123, W126 Camber only Have adjustment KMAC doubles adj. range	#501616 H
REAR & Extra TOE : Updated Bushings 6 Multi link rear arms Page 14 Upper Camber arms (and extra Toe) Page 12-14		
12	'14-'24 Coil Susp. W205 (all incl. AMG C43 *C63/S) W213, C238, 253, 257 (#502226K) AIRMATIC	#502326 K
12	'14-'24 W205 (*C63/S Coupe #502326-1K)	All above AMG & GT 4 Door #502326-2K
12	'21-'24 W206/e C180 - C300	#503126 K
12	'00-'18 W204 incl. AMG, Black Series, C207, W212, W215, C218, R231	#502126 K
12	'01-'11 W211, C219, R230 Airmatic incl. AMG #502526K. W211, C219, R230 (Coil Susp / 4matic)	#502126-1 K
12	'06-'24 W216, 221, 222/S, C217 Maybach 15-20 (#502626K). W223, Maybach	#503726 K
12	'01-'20 C209 / A ('01-5/04), R171, R172	(33mm Lower Arm/Inner bush) #502026 H
12	6/04-09 C209 / A (Black Series 501526J)	(51mm " " " " ") #501926 K
13	'91-'06 W140, W220 (Maybach '02-'12 #501726K)	(51mm " " " " ") #501626 K
13	'82-'10 W124/C, R129, R170, W201, W202, *C208, W210, Chrysler Crossfire (300C, Charger #502726 K)	*A208 Convertible #502026 H #501426 i
13	'04-'07 W203 (from A555897, F457375, R131145)	(51mm Lower Arm/Inner bush) #501926 J
13	'00-'04 W203	(33mm " " " " ") #502026 H
14	'68-'91 R107, W114, W115, W116, W123, W126	#501826 J
SUV, SPRINTER, VITO, A/B/CLA/GLA AMG		
SUV	**W167 / X, V167 GLE/GLS, C293 **W166 / X, C292 **W164 / X, ML W251 W163 (FRONT - Camber only)	FRONT #504216 P #504016 N #503816 N #503916 i REAR #504226 N #504026 K #504026 K #503926 J REAR Bushings and / or Upper Arms (Page 14)
Sprinter	W910 ('19-'24) incl. 'E' Strut Mounts Camber & Caster W906 Camber & Caster '4' lower arm bushes W903 ('96-'14) Camber & Caster '4' lower arm bushes	#505816 L #505716 K #505616 K
Vito	W447, 448 ('14-'24) incl. 'E' Strut Mounts Camber & Caster	#506016 L
Metris	W639 ('03-'14) Lower arm bushes Camber & Caster	#505716 K
Valente	W638, W639 ('03-'14) Front Camber only (See Page 11)	#120216 D
2018-2024	W177/A35/45/S, C118 CLA, 247B/X GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE) Extra Camber & Caster (Race days) lower arm (inner)	#506216-2 L #506216-3 L #506216-4 M
2012-2020	W176/A45, C117 CLA, B246, X156 GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE) Extra Camber & Caster (Race days) lower arm (inner) '98-'20 Front Camber Only (See Page 11)	#506116-2 L #506116-3 L #506116-4 K #120216 D
REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Trail Arm front bushes - Contain side load / G Forces Updated bushes (8) - With above kits eliminates rear end flex.		#506126 K #506128 K #506128-1J



Mercedes - "REAR Camber" #503726 M
W223, S350-680, AMG 63, Maybach ('21-'24)
(FRONT - Camber & Caster #503716P)

FRONT - CAMBER & CASTER KIT ALSO MANUFACTURED
KMAC - ADJUSTMENT FOR THE 1st. TIME (Precise Single Wrench)
 Tires are expensive - Resolve costly, premature edge tire wear - Improve traction - Ongoing adjustment for curb knock damage, altering height through load carrying or lowering, fitting wide profile tires / wheels.

A REVOLUTION IN SIMPLIFIED ADJUSTMENT
 BUSH ROTATES INSIDE (stationary) OUTER SLEEVE means unlike other brands bushes can be inserted in any position! (not just one offset position of adjustment) allowing therefore precise change of adjustment. SIMPLY BY ROTATING BOLT HEADS.
KMAC UNIQUE PATENTED INTERLOCKING BOLT / BUSH DESIGN

- GENUINE KMAC (Rear Camber with "extra" Toe adjustment)**
1. Unlike upper Camber arms KMAC are designed to adjust lower arms. Advantage is clearance top of tire to outer fender is maintained when wanting to reduce inner edge tire wear. Essential if wide profile tires / wheels fitted. Also KMAC kits include extra Toe adjustment to compensate for the new Camber facility.
 2. Unlike virtually all other brands — we do not use solid metal to metal spherical bearings which transmit road noise, uncompromising ride harshness and prematurely pound out. Instead patented design long life elastomer bushings (with twice the load bearing of OEM bushings) allowing also improved handling response.