

**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', Porsche '991'

#502126K

**ALL Incl. AMG / Black Series
W204, C207, W212, W215, W218**

FOR THE 1ST. TIME

REAR CAMBER (& EXTRA TOE) ADJUSTABLE BUSHINGS

Precisely Adjustable - Single Wrench

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

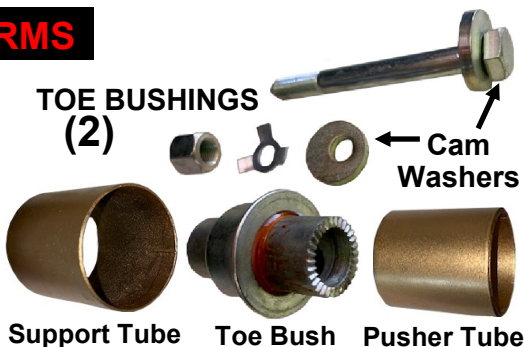
Installation should be carried out by a qualified person

A. Jack and remove rear wheels. Locate safety stands - One under each outer control arm mounts (to aid reconnection / lining up holes in step i)

B. TOE - UNBOLT EXISTING ARMS

Located Front of subframe

Use bench vice and the '2' small tubes supplied to press out the inner Cam bolt adjustable Toe bush on each side. Then press in (till "EVENLY" centered) the new KMAC bushes. NOTE: Can be pushed in, in any offset position!



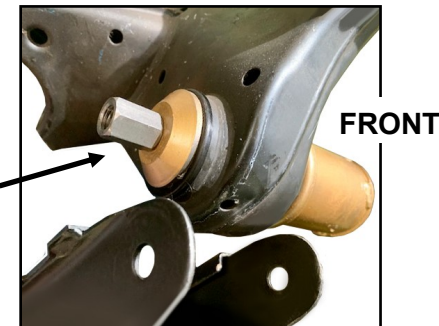
C. Reconnect Toe arms using the new KMAC D shape bolts and cam washers supplied with the 'tab' lock washers under each nut

D. CAMBER - LOWER ARM INNER BUSHES

Securely position jack under a control arm (towards inner end). Then raise only sufficient to take up / support load.

E. Remove the inner bolt (initially halfway and re-adjust jack - up or down if necessary so minimal load on bolt to assist removal).

F. 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).



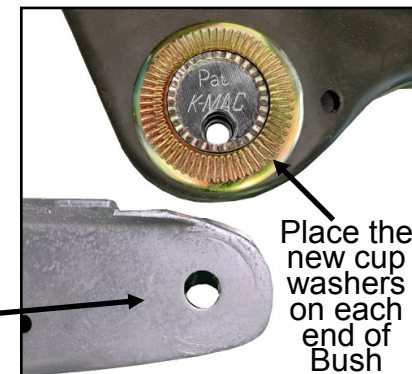
G. Clean hole and insert the new KMAC elastomer bushes. Now lubricate the steel inner bushes (only) with silicone grease supplied and insert.

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

I. Place the new cup washers on each end of the elastomer bushes as in pic. Then jack to raise arm to line up holes (use "pointed end" screwdriver on opposite side of hole to accurately align while inserting the KMAC 'D' shape bolts - flat to bottom).

NOTE: "TOOTH" WASHERS: Place under head of bolt first - then prior to tab lock washer and nut SEE BELOW:

Washers "outside" of each arm



WHEEL ALIGNMENT

SIMPLY ROTATE BOLT HEADS - UNIQUE KMAC PATENTED SYSTEM (allowing accurate adjustment "under load" direct on Alignment slide plates)

Make sure nuts are loose and rotate the bolt heads for both Camber and Toe. Once required settings obtained, hold head of bolts in this position and tighten the nuts to **81Nm (60ft/lbs)**

Then fold one of the 3 lock Tabs that lines up with the side of a nut

ESSENTIAL RECHECK MAKE SURE 4 NUTS ARE FULLY TIGHT

(Loose Nuts Cause Noise Noticeable Camber Change)

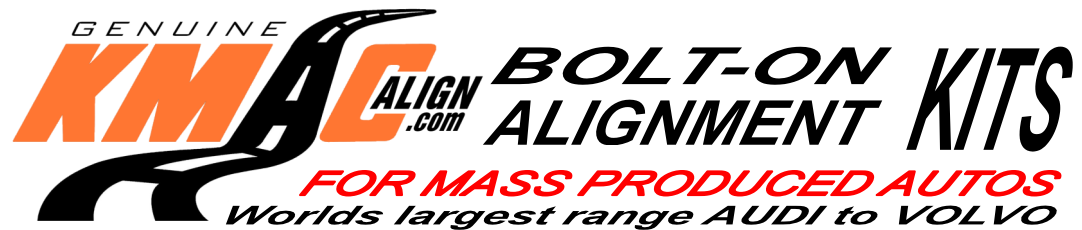
#502126K

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CHASSIS QUICK REFERENCE ALL '68-'21 Incl. AMG, Black Series

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

PAGE	FRONT (CAMBER & CASTER)	REAR (CAMBER & Extra TOE)
7	'10-'20 W212 / S, E200 - 550, E63, E65 AMG, W218 CLS 250 - 550 '12-'20 W218 CLS 63, 65 AMG. Also Adjustable Strut Top Mounts - If Coil Spring Suspension Stage 2 (Street/Race) ** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7 Stage 3 (Full Race)	#502916 K #503116 K #502916-2 L #502916-3 L
6	'15-'21 W205 / A / C / S, **C180, C200, C220, C250, C300, C350 **C300, C400, C450 / C43 AMG(4MATIC) * (Popular A, B, CLA, GLA see below)	#502816 K #503416 K #503316 K
6	'16-'21 **C253X GLC, **C257 CLS, C293 GLE Incl. AMG 4MATIC	#503416 K
	'13-'21 **W213/S, **C217/A, **C238/A, **W222 Incl. AMG, 4MATIC, Maybach ('15-'21)	#502816 K
6	'02-'19 R172, W204, C207, AMG, 'Black' (C209 incl. AMG, Black #503516K) Also Adjustable Strut Top Mounts - for C209 'Black' Series (only) Stage 2 (Street/Race) Also Adjustable Strut Top Mounts - If Coil Spring Suspension Stage 3 (Full Race) W204/X204, C207/A207 Incl. AMG, 'Black' Series Stage 2 (Street/Race) Stage 3 (Full Race)	#502616 K #502616-2 L #502616-3 L #503016-2 L #503016-3 L
9	'00-'20 R171, W203 / A, W211, C219, R230 / 231	#502216 K
9	'83-'02 R170, W202, C208 / A Incl. Chrysler Crossfire (300C, Charger, #502716K)	#502016 J
6	'95-'09 W210 (502116K) "4MATIC" - W210, W211 / S211, W220	#502416 K
9	'92-'14 W216, W221	#502316 K
9	'98-'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 / C124, 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 (CAMBER & Extra TOE) : Uprated Bushings 6 Multi link rear arms Page 14 Upper Camber arms (and extra Toe) Page 12-14		
12	'01-'20 W211, W216, W219, W221, R230, R231	#502526 K
12	'14-'21 W205 (incl. AMG C43, C63), W213, C238, 253, 257 (Coil / 4Matic #502226) Airmatic	#502326 K
12	'14-'21 C63 'S' and above AMG Models #502326-1K Have '1' offset adjust. KMAC doubles & is precise	#502126 K
12	'00-'21 W204 incl. Black Series, 207, 212, 215, 218	#502126 K
12	'13-'20 C217, W222 ('13-'20) 502626K, C217, W222 (21) 502626-1K, Maybach ('15-'21)	#502426 L
12	'01-'19 C209 / A ('01-504), R171, R172 (33mm Lower Arm/Inner bush)	#502026 H
12	6/04-'09 C209 / A (Black Series 501526J) (51mm " " " ")	#501926 J
13	'91-'98 W140, W220 (Maybach '02-'12 #501726K) (51mm " " " ")	#501626 J
13	'82-'03 W124/C, R129, R170, W201, W202, *C208, W210, Chrysler Crossfire (300C, Charger #502726K) *A208 Convertible	#502026 H #501426 i
13	4/04-'07 W203 (51mm Lower Arm/Inner bush)	#501926 J
13	00-3/04 W203 (33mm " " " ")	#502026 H
14	'68-'91 R107, W114, W115, W116, W123, W126	#501826 i
SUV, SPRINTER, VITO, A/B/CLA/GLA AMG		
SUV	** W167 / X (Camber Only) ** W166, C292 ** W166X ** W164, W251 ** W164X W163 (Camber only)	Front also replaces / strengthens the (costly) Lower / Inner Rear bushes!
		11 #504216 K #504016 M #504116 P #503816 M #503716 P #503916 G
		14 #504226 K #504026 K #504026 K #504026 K #504026 K #503926 i
		FRONT-"EXTRA" Adjustment See Page 11
Sprinter	W906 ('06-'21) Full Camber (& Caster) W903 ('95-'06) '4' lower arm bushes	11 #505716 K #505616 K
Vito	W639, 447, 448 ('10-'21) Strut Mounts Camber & Caster	11 #506016 L #505116 K
Metris	W639 ('04-'09) Camber Caster 4 lower arm bushes	14 #505226 K #505126 K
Valente	W638 ('96-'03) Front Camber (Maxi Camb See Page 11)	#120216 D #505126 K
* 2018-2021	W177(A), W247(B), C118 Strut tops STAGE 2 (Street/Race) (Precise Camber & Caster) STAGE 3 (Full Race)	#506216-2 L #506216-3 L
* 2012-2020	W176(A), W245/246(B), C117(CLA), X156(GLA) Strut Top Mounts Stage 2 (Street/Race) (Precise Camber & Caster) Stage 3 (Full Race) Extra Camber & Caster (Race days) lower arm (inners) '98-'21 Front Camber Only (Maxi Camb) REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Lower replacement arms Camber (& extra Toe) Trail Arm front bushes. Tauter response, traction Uprated bushes - 6 Multi link arms. Tauter response, traction	7 #506116-2 L #506116-3 L #506116-4 K #120216 D 14 #506126 K #506126-2Q #506128 K #506128-1J
		Have Rear Toe. KMAC provides also Camber & doubles Toe adjustment range.



Mercedes - "REAR Camber & Toe"
#502126 K
ALL Incl. AMG / Black Series
W204, C207, W212, W215, W218

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.