NOW CAN ADJUST TIRE 'CONTACT' ANGLES

FINALLY FRONT & REAR ONGOING

IMPROVE TRACTION & EDGE TIRE WEAR

Camber, Caster *(and extra Toe)* Kits

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

#502726K

CHRYSLER 300

REAR CAMBER (& EXTRA TOE) ADJUSTABLE BUSHINGS

● **WITH 2½ TIMES THE LOAD BEARING AREA** ●

Precisely Adjustable - Single Wrench
(accurately under load - direct on alignment rack)

Installation should be carried out by a qualified person

— **TOOLS REQUIRED** —
WRENCH: 2 x 18ᵐᵐ, 2 x 16ᵐᵐ
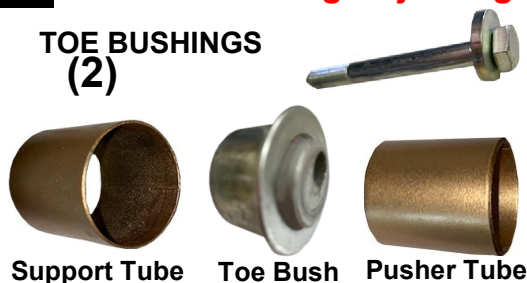**SOCKET:** 1 x 18ᵐᵐ **E**, 1 x 18ᵐᵐ (**Ext**.), 1 x 12ᵐᵐ (**Multi Spline**)

A. Install with vehicle on 4 post hoist or car ramps to aid reconnection of inner bolts step I.

B. **TOE - UNBOLT EXISTING ARMS** **Doubles Existing Adj. Range**

Located FRONT of subframe.
Use bench vice and the '2' small tubes supplied to press out the **"OUTER"** Toe bush on each side. Then press in the new KMAC bushes. NOTE: Can be pushed in, in any offset position!

TOE BUSHINGS (2)
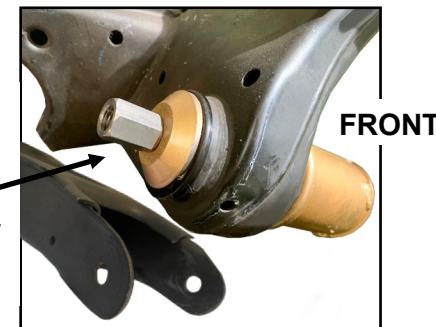
Support Tube   **Toe Bush**   **Pusher Tube**

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

D. **CAMBER - LOWER ARM INNER BUSHES**

Securely position jack under a lower control arm (towards inner end). Then raise (only sufficient) to take up / support load (for ease of bolt removal make sure load is even on both arm forks).

E. Remove the inner bolt initially quarter and re-adjust jack (if not easy to tap out) - bolt head should be horizontal.

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).
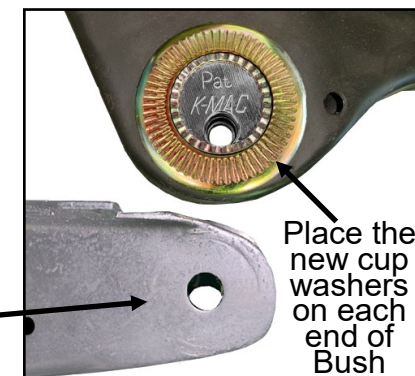

FRONT

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

Place the new cup washers on each end of Bush

#502726K

© KMAC Align 2023

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 bolt heads for both Camber and Toe (adjust KMAC "outer" for "extra" adjustment). 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
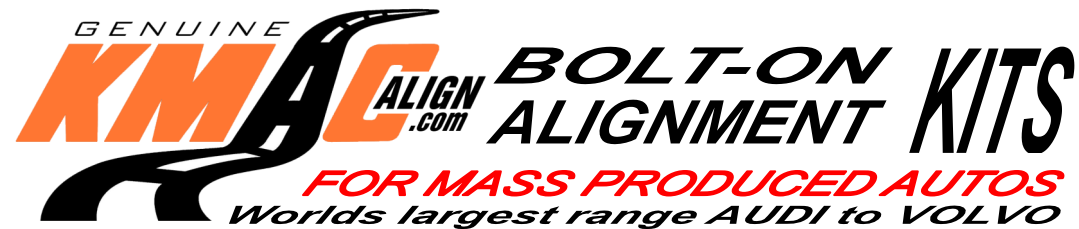**ESSENTIAL RECHECK** **MAKE SURE 4 NUTS ARE FULLY TIGHT**
(Loose Nuts Cause Noise Noticeable Camber Change)

CHASSIS QUICK REFERENCE ALL '68 -'23 Incl. AMG, Black Series

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

FRONT (CAMBER & CASTER)

● "EXTRA" Performance driving / Track days STRUT Tops. see below
ADJUST (Front Upper 'A' Arms. - Page 7-11)

PAGE	Years	Model		Kit #	
88	'10-'18	W212, E200 - 550	C218 CLS 250 - 550	#502916	K
88	'12-'18	W212/S, E63, E65 AMG #503616K	C218 CLS 63, 65 AMG.	#503116	K
		● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#502916-2	L
			Stage 3 (Full Race)	#502916-3	L
	✱✱ ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7				
7	'15-'21	W205 / A / C / S, ✱✱C180, C200 , C220, C250, C300, C350	AMG GT4 Door ALL 43 to 63/S	#502816	K
7		✱✱C300,C400,C450 / C43 AMG(4MATIC)		#503416	K
7		C63/C, 63S AMG		#503316	K
7	'16-'23	✱✱W213 4MATIC E43/53/63, E220-450. ✱✱C253/X GLC, C257 CLS incl. AMG		#503416	K
7	'13-'23	✱✱W213 E200-350. ✱✱C238, ✱✱C217,W222/223/S AMG S63/65, 4Matic. Maybach('15-'23)		#502816	K
7	'02-'20	R172, W204,C207, AMG, 'Black' (C209 AMG, Black #503516K. 270 - 500 #502916K)		#502616	K
		● Also Adjustable Strut Top Mounts - for C209 'Black' Series (only)	Stage 2 (Street/Race)	#502616-2	L
			Stage 3 (Full Race)	#502616-3	L
		● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#503016-2	L
		W204/X, C207/A Incl. AMG, 'Black' Series	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 (300C, Charger, #502716 K)		#502016	J
9	'96-'09	W210 (502116K) "4MATIC" - W210, W211/S, W220		#502416	K
9	'06-'14	W216, W221		#502316	K
9	'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		#501716	J
		● Also (124,129) Adjustable Strut Top Mounts (#501716-2 L, #501716-3 L)			
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

PAGE	Years	Model		Kit #	
12	'14-'23	W205(incl.AMG C43,✱C63/S),W213,C238,253,257(Coil/4Matic #502226)Airmatic		#502326	K
12	'14-'23	✱C63 ('S' Coupe) also AMG GT 4 Door & above AMG Models ("alloy" arms)		#502326-1	K
12	'00-'18	W204 incl. AMG, Black Series, C207, W212, W215, C218		#502126	K
12	'02-'20	W211,C219,R230/231 Airmatic/4matic incl. AMG #502526K. W211,C219,R230/231(Coil)		#502126-1	K
12	'06-'20	W216, 221, 222, C217 (Maybach 15-20)		#502626	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		#502026	H
		(300C, Charger #502726 K)	✱A208 Convertible	#501426	i
13	04-'07	W203 (from A555897, F457375, R131145)	(51mm Lower Arm/Inner bush)	#502026	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

				FRONT			REAR	
SUV	✱✱ V167 / X, V167 GLE/GLS, C293	Upper Arm Inner Bushes	11	#504216-2K	14	#504226	K	REAR Bushings and / or Upper Arms (Page 14)
	✱✱ W166 / X, C292			#504016	N		#504026	K
	✱✱ W164 / X, ML W251	Front also replaces / strengthens the (costly) Lower / Inner Rear bushes!		#503816	N		#504026	K
	W163 (Camber only)			#503916	G	15	#503926	i
Sprinter	W906 ('06-'23)	Full Camber (& Caster) '4' lower arm bushes)	11	#505716	K			
	W903 ('95-'06)			#505616	K			
Vito Metris Valente	W639, 447, 448 ('10-'23)	Front Struts - Camber & Caster	11	#506016	L	14	#505226	K
	W639 ('04-'10)	4 lower arm bushes Camber Caster		#505116	K		#505126	K
	W638 ('96-'03)	Front Camber (Maxi Camb See Page11)		#120216	D		#505126	K
2018-2023 W177/A 35/45/S, C118 CLA, 247B/X GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE)			12	#506216-2	L			
				#506216-3	L			
2012-2020 W176/A45,C117 CLA,B246,X156 GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE)			8	#506116-2	L			Have Rear Toe. KMAC provides also Camber & doubles Toe adjustment range.
				#506116-3	L			
Extra Camber & Caster (Race days) lower arm (inners)				#506116-4	K			
'98-'23 Front Camber Only (Maxi Camb)			11	#120216	D	14	#506126	K
REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Trail Arm front bushes. Tauter response, traction Uprated bushes - 6 Multi link arms. Tauter response, traction							#506128	K
							#506128-1J	

GENUINE KMAC BOLT-ON ALIGNMENT KITS
FOR MASS PRODUCED AUTOS
Worlds largest range AUDI to VOLVO

"REAR Camber & Toe" #502726K
CHRYSLER 300

FRONT - CAMBER & CASTER KIT ALSO MANUFACTURED (#502716K)

PRECISE SINGLE WRENCH ADJUSTMENT
ACCURATE UNDER LOAD - DIRECT ON ALIGNMENT RACK

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 more then twice the load bearing of OEM or steel spherical bearings).