

**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'

#506126K
ALL incl AMG

A/45, B, CLA, GLA,
W168, 169, 176, 245, 246, C117, X156

REAR CAMBER (& EXTRA TOE) ADJUSTABLE BUSHINGS

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

TOOLS REQUIRED

WRENCH: 2 x 18mm, 2 x 16mm

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

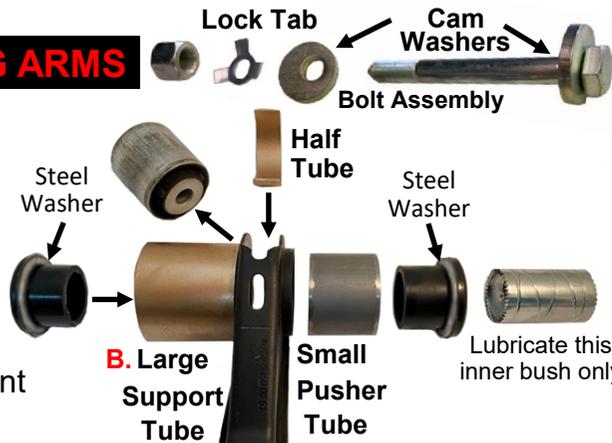
Installation should be carried out by a qualified person

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

B. TOE - UNBOLT EXISTING ARMS

Located Front of Subframe

Use bench press with large tube supplied to support rear (of the bush in arm), then the smaller tube to press out bush.
NOTE: Check, make sure tube is evenly centered and that the "half" tube supplied is between the pressed steel arms to prevent distortion while pressing.



C. "Leave small tube in arms" (check evenly centered). Then insert the elastomer bushes, (complete with steel washers). Lubricate (inner surface only) and push in the hardened steel center.

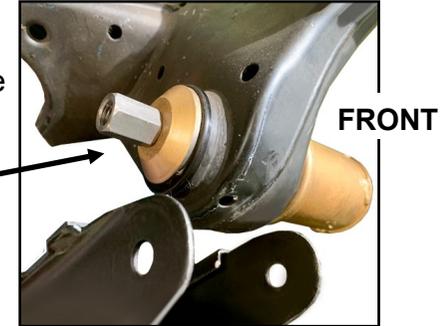
D. Reconnect Toe arms using the new KMAC D shape bolts and cam washers supplied with the 'tab' lock washers under each nut.

E. 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).

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

G. Once removed slowly lower jack - sufficient only for end of arm to expose the bush in frame. Then install KMAC threaded rod tool from FRONT and large washer on REAR. to extract bush 18mm ext. socket (can be tight - use impact wrench if available).



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

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

J. 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



WHEEL ALIGN ("WITH TIRES ON SLIDE PLATES")

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

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 **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)

© KMAC Align 2023 #506126K

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)							
8	'10-'18	W212, E200 - 550	C218 CLS 250 - 550	#502916	K		
8	'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		
		** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7	Stage 3 (Full Race)	#502916-3	L		
7	'15-'21	W205 / A / C / S, **C180, C200, C220, C250, C300, C350	{ AMG GT4 Door } { ALL 43 to 63/S }	#502816	K		
		C300, C400, C450 / C43 AMG (4MATIC)		#503416	K		
		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		
	'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' (for C209 AMG, Black #503516K. 270 - 500 #502216K)		#502616	K		
		• Also Adjustable Strut Top Mounts - (for C209 'Black' Series (only))	Stage 2 (Street/Race)	#502616-2	L		
		• Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 3 (Full Race)	#502616-3	L		
		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 (300C, Charger, #502716K)		#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) • Updated Bushings 6 Multi link rear arms Page 14 Upper Camber arms (and extra Toe) Page 12-14							
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 (300C, Charger #502726K) *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 FRONT REAR							
SUV	** W167 / 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	Front also replaces / strengthens the (costly) Lower / Inner Rear bushes!		#504016 N		#504026 K	
	** W164 / X, ML W251 W163 (Camber only)			#503816 N		#504026 K	
				#503916 G	15	#503926 i	
Sprinter	W906 ('06-'23) W903 ('95-'06)	Full Camber (& Caster) '4' lower arm bushes)	11	#505716 K			
				#505616 K			
Vito	W639, 447, 448 ('10-'23)	Front Struts - Camber & Caster	11	#506016 L	14	#505226 K	
Metris	W639 ('04-'10)	4 lower arm bushes Camber Caster		#505116 K		#505126 K	
Valente	W638 ('96-'03)	Front Camber (Maxi Camb See Page 11)		#120216 D		#505126 K	
2018-2023	W177/A35/45/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			
				#506116-4 K			
	Extra Camber & Caster (Race days) lower arm (inners) '98-'23 Front Camber Only (Maxi Camb)		11	#120216 D	14	#506126 K	
						#506128 K	
						#506128-1J	
	REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Trail Arm front bushes. Tauter response, traction Updated bushes - 6 Multi link arms. Tauter response, traction						



MERCEDES - REAR Camber & Toe
A/45, B, CLA, GLA, AMG
(W168, 169, 176, 245, 246, C117, X156)
#506126 K

FRONT - CAMBER & CASTER ALSO MANUFACTURED
 SEE WEBSITE - RE TOTAL SYSTEM

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.
TRACK DAYS - PRECISELY ADJUST FOR MAXIMUM TRACTION

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.