

**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 ! #504526M

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 #504516P

### 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

- Install with vehicle on 4 post hoist or car ramps to aid reconnection of inner bolts step i.
- 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.
- 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).

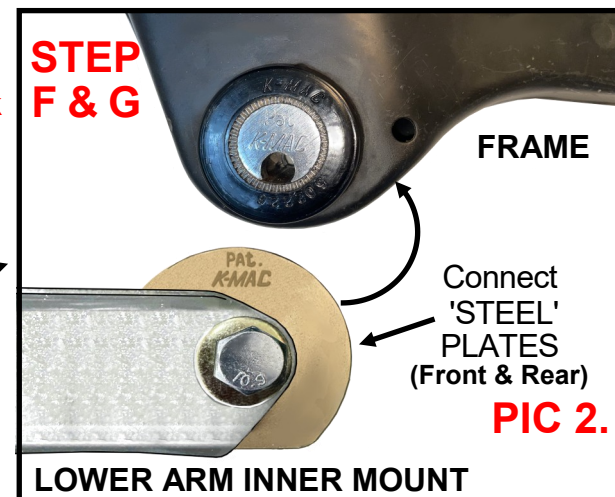
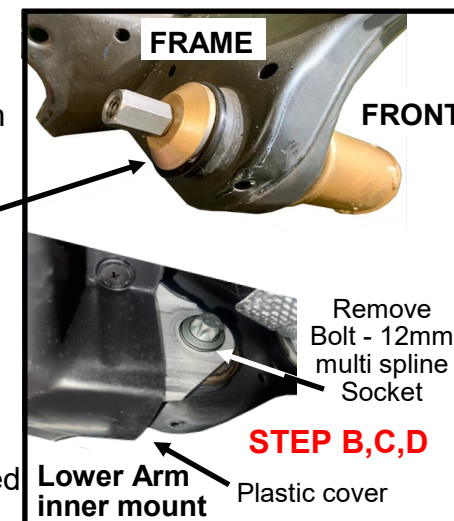
- E.** Clean hole and insert the new KMAC elastomer bushes. Now lubricate the steel inner bushes (only) with silicone grease supplied and insert.

- 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

'M' P/N'S - FOR "FRONT CAMBER" ONLY - QUOTE -1i After P/N (\$345)

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

PAGE	FRONT (CAMBER & CASTER)	ADJUST	\$ US
8	'10-'18 W212, E200 - 550, E63, E65/S AMG 4MATIC W212 #503716 M \$595	C218 CLS 250 - 550, 63, 65 AMG 4MATIC C218	#502916 M \$595
8	'10-'18	Also Adjustable Strut Top Mounts - If Coil Spring Suspension Stage 2 (Street/Race)	#503616 M \$595
	** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7	Stage 3 (Full Race)	#502916-2L \$545
			#502916-3L \$545
7	'15-'24 W205 / A / C / S, C180 - C350 4MATIC - ** C200 - C450 / C43 AMG C63/A/C, 63S AMG C180 - C300 4MATIC - C200 - C400e / C43 AMG	AMG GT4 Door ALL 43 to 63/S #503416-3	#502816 M \$595
	'21-'24 W206/e		#503416 M \$595
			#503116 M \$595
			#503216 M \$595
7	'16-'24 4MATIC - ** EQC, W213 E43/53/63, E220-450, ** C238, ** C253/X GLC, ** C257, AMG		#503416 M \$595
	'13-'24 ** W213 E200-350, ** C217, ** C238, ** C253, ** C257		#502816 M \$595
	'13-'20 W222/S, 63/65 AMG, Maybach ('15-'20).		#503016 N \$695
	'21-'24 W223, S350-680, AMG 63, Maybach		#504516 P \$795
7	'02-'20 R172, W204, C207, AMG, Black #502616M (C209 AMG, Black #503516M), C209 270-500	Stage 2 (Street/Race)	#502216 M \$595
	Also Adjustable Strut Top Mounts - for C209 'Black' Series (only)	Stage 3 (Full Race)	#502616-2L \$545
		Stage 3 (Full Race)	#502616-3L \$545
	Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#503016-2L \$545
	W204/X, C207/A Incl. AMG, 'Black' Series	Stage 3 (Full Race)	#503016-3L \$545
9	'02-'20 W203/A, W211, C209 (CLK 270 - 500), C219, R171, R230, R231		#502216 M \$595
9	'93-'10 R170, W202, C208 / A	Incl. Chrysler Crossfire	#502016 J \$380
9	'96-'09 W210 #502116K \$480	"4MATIC" - W211/S, W216, W220, W221	#502416 M \$595
9	'06-'14 W216, W221 #502316M \$595	'00-'06 W215 CL, W220/S	#502516 M \$595
9	'91-'99 W140, Maybach ('97-'12) Have adjustment KMAC doubles adj. range		#501916 K \$480
10	'82-'01 W124, R129, W201 Have adjustment KMAC doubles adj. range		#501716 J \$380
	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 \$320
REAR & Extra TOE : Upated Bushings 6 Multi link rear arms Page 14			
Upper Camber arms (and extra Toe) Page 12-14			
12	'14-'24 Coil Susp. W205 (incl. C43 *C63/S) W213, C238, 253, 257 (#502226K)		#502326 K \$480
12	'14-'24 W205 (*C63/S Coupe)		#502326-1K \$480
12	'21-'24 W206/e C180 - C300		#503126 K \$480
12	'00-'18 W204 incl. AMG, Black Series, C207, W212, W215, C218, R231		#502126 K \$480
12	'01-'11 W211, C219, R230 Airmatic incl. AMG #502526K. W211, C219, R230 (Coil Susp / 4matic )		#502126-1 K \$480
12	'06-'24 W216, 221, 222/S, C217 Maybach 15-20 (#502626K). W223, Maybach		#503726 L \$545
12	'01-'20 C209 / A ('01-5/04), R171, R172	(33mm Lower Arm/Inner bush)	#502026 H \$320
12	6/04-09 C209 / A (Black Series 501526J)	(51mm " " " " )	#501926 K \$480
13	'91-'06 W140, W220 (Maybach '02-'12 #501726K)	(51mm " " " " )	#501626 K \$480
13	'82-'10 W124/C, R129, R170, W201, W202, *C208, W210, Chrysler Crossfire (300C, Charger #502726 K)	*A208 Convertible	#502026 H \$320
			#501426 i \$345
13	'04-'07 W203 (from A555897, F457375, R131145)	(51mm Lower Arm/Inner bush)	#501926 J \$380
13	'00-'04 W203	(33mm " " " " )	#502026 H \$320
14	'68-'91 R107, W114, W115, W116, W123, W126		#501826 J \$380
SUV, SPRINTER, VITO, A/B/CLA/GLA AMG			
SUV		FRONT	REAR
**W167 / X, V167 GLE/GLS, C293		11 #504216 P \$795	14 #504226 N \$695
**W166 / X, C292		#504016 N \$695	#504026 K \$480
**W164 / X, ML W251		#503816 N \$695	#504026 K \$480
W163 (FRONT - Camber only)		#503916 i \$345	15 #503926 J \$380
Sprinter W910 ('19-'24) incl. 'E' Strut Mounts Camber & Caster		11 #505816 L \$545	
W906 Camber & Caster '4' lower arm bushes		#505716 K \$480	
W903 ('96-'14) Camber & Caster '4' lower arm bushes		#505616 K \$480	
Vito W447, 448 ('14-'24) incl. 'E' Strut Mounts Camber & Caster		#506016 L \$545	14 #505226 K \$480
Metris W639 ('03-'14) Lower arm bushes Camber & Caster		11 #505116 K \$480	#505126 K \$480
Valente W638, W639 ('96-'14) Front Camber only (See Page 11)		#120216 D \$145	#505126 K \$480
2018-2024 W177/A35/45/S, C118 CLA, 247B/X GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE)		12 #506216-2 L \$545	
STAGE 3 (FULL RACE)		#506216-3 L \$545	
Extra Camber & Caster (Race days) lower arm (inner)		#506216-4 M \$595	
2012-2020 W176/A45, C117 CLA, B246, X156 GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE)		8 #506116-2 L \$545	
STAGE 3 (FULL RACE)		#506116-3 L \$545	
Extra Camber & Caster (Race days) lower arm (inner)		#506116-4 K \$480	
'98-'20 Front Camber Only (See Page 11)		11 #120216 D \$145	
REAR ('13-'20) lower arm Camber (& extra Toe) bushes.			Have Rear Toe, KMAC provides also Camber & doubles Toe adjustment range.
Trail Arm front bushes - Contain side load / G Forces			#506126 K \$480
Upated bushes (8) - With above kits eliminates rear end flex.			#506128 K \$480
			#506128-1J \$380



Mercedes - "REAR Camber"  
#504526 M

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

(FRONT - Camber & Caster #504516P)

FRONT - CAMBER & CASTER KIT ALSO MANUFACTURED

KMAC - ADJUSTMENT FOR THE 1st. TIME (Precise Sinale 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.