

**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'

#502626L

W222 incl. S63, 65 AMG, C217,  
Maybach (15-20)

**K-MAC** - BUSH EXTRACTION TOOL INCLUDED  
(No need Lower Arm Removal or Hydraulic Press)

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

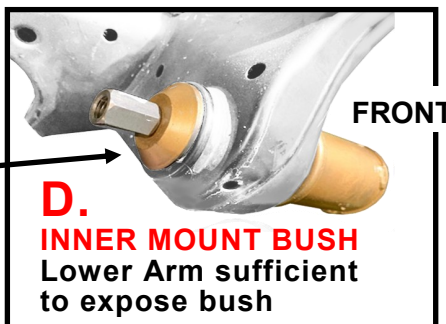
**A.** Install with vehicle on 4 post hoist or car ramps to aid reconnection of inner bolts STEP I.

## **B. CAMBER - WITHOUT ARM REMOVAL**

Securely position jack under a lower control arm (towards inner end). For ease of bolt removal - Jack / raise arm only sufficient to take up / support load. Make sure also load is "EVEN" on both forks.

**C. REMOVE THE INNER BOLT** (initially halfway and re-adjust jack - up or down if necessary so minimal load on bolt to assist removal).

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

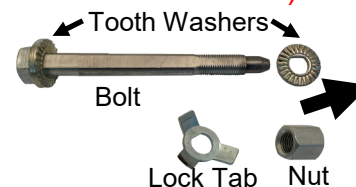


**E.** Clean hole and insert the new K-MAC elastomer bushes. Now lubricate the steel inner bushes (only) with silicone grease supplied and insert.

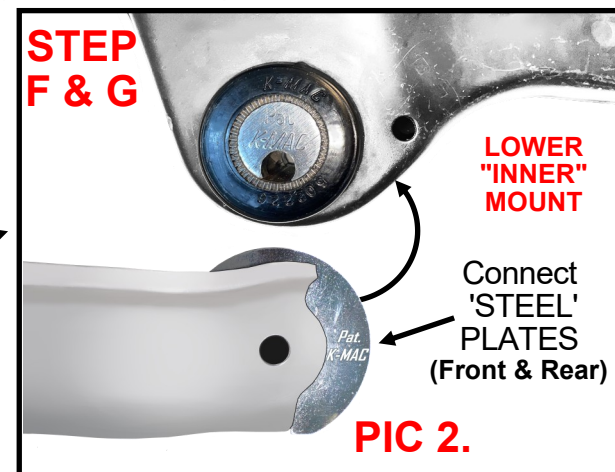
**F.** For ease of bolt entry preferably rotate bush 'D' holes to 6 o'clock position. (Flat then is to bottom).

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

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



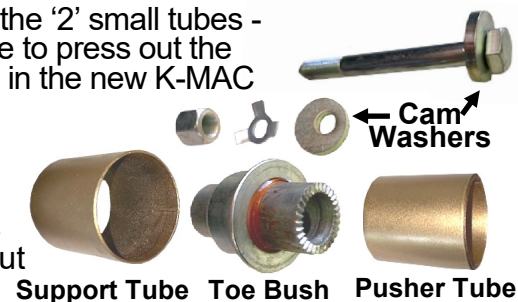
**i.** Raise and reconnect arms (insert bolt with flat at bottom so lines up with 'D' hole flat)



## **H. EXTRA TOE - SMALL ARMS FRONT OF SUBFRAME**

Unbolt arms - Then bench vice and the '2' small tubes - Large tube to support arm small tube to press out the OEM Toe bush on each side. Press in the new K-MAC bushes. (till "EVENLY" centered)

NOTE: Fuel tank side - if TOE Bolt head is to front. Simplify removal by undoing nut. Push bolt forward so clearance allowing to cut bolt head off using disc blade.



Reconnect Toe arms (K-MAC bolt head to Rear) with cam washers supplied and 'tab' lock washers under each nut

**WHEEL ALIGN ("WITH TIRES ON SLIDE PLATES")**  
**SIMPLY ROTATE BOLT HEADS - UNIQUE K-MAC 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 )

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

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

PAGE	FRONT (CAMBER & CASTER)	● "EXTRA" Performance driving / Track days STRUT TOPS. see below ADJUST (Front Upper 'A' Arms. - Page 7-11)	\$ US
8	'10-'18 W212 E63, 65/S AMG #503116M. 4MATIC W212 #503716 M \$595	W212, E200-550. C218, 63, 65 AMG 4MATIC C218	#502916 M \$595 #503616 M \$595 #502916-2L \$545 #502916-3L \$545
7	'15-'24 W205 / A / C / S, **C180 - C350 4MATIC - **C200 - C450 / C43 AMG C63/AMC, 63S AMG C180 - C350 4MATIC - C200 - C400e / C43 AMG	AMG GT4 Door ALL 43 to 63/S #503416-3	#502816 M \$595 #503416 M \$595 #503316 M \$595 #505116 M \$595 #505216 M \$595
7	'16-'22 4MATIC - **EQC, W213 E43/53/63, E200-450, **C238, **C253/X GLC, **C257, AMG		#503416 M \$595 #502816 M \$595 #503016 N \$695 #504516 P \$795
	'13-'22 **W213 E200-350, **C217, **C238, **C253, **C257		
	'13-'20 W222/S, 63/65 AMG, Maybach ('15-'20).		
	'21-'24 W223, S350-680, AMG 63, Maybach		
	'22-'24 C254/X GLC incl. AMG 43, 63		#505216 M \$595
	'22-'24 W206 C180-350 (#505116M \$595).	ALL 4MATIC / 63 AMG	#505216 M \$595
	'22-'24 W214 E200-450 (#505116M \$595).	E43 AMG	#505216 M \$595
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)	#502616-2 L \$545
	● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#502616-3 L \$545
	W204/X, C207/A Incl. AMG, 'Black' Series	Stage 3 (Full Race)	#503016-2 L \$545 #503016-3 L \$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 #502116M \$595	"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 M \$545
10	'82-'01 W124, R129, W201 Have adjustment KMAC doubles adj. range		#501716 K \$480
	● 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
<b>REAR &amp; Extra TOE</b> : Updated 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) AIRMATIC (Not AMG)		#502326 K \$480
12	'14-'24 W205 (*C63/S Coupe) AND ALL ABOVE AMG & GT 4 DOOR		#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	'14-'24 W222 incl. S63, 65, C217, Maybach ('15-'20) #502626L W223, Maybach		#503726 L \$545
12	'06-'14 W216, W221 incl. AMG		#502626-1 K \$480
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
<b>SUV, SPRINTER, VITO, A/B/CLA/GLA AMG</b>			
SUV	**W167 / X, V167 GLE/GLS, C293	FRONT	#504216 P \$795
	**W166 / X, C292		#504016 N \$695
	**W164 / X, ML W251		#503816 N \$695
	W163 (FRONT - Camber only)		#503916 i \$345
Sprinter	W910 ('19-'24) incl. 'E' Strut Mounts Camber & Caster	REAR	#504226 N \$695
	W906 Camber & Caster '4' lower arm bushes		#504126 N \$695
	W903 ('96-'14) Camber & Caster '4' lower arm bushes		#504126 N \$695
Vito	W447, 448 ('14-'24) incl. 'E' Strut Mounts Camber & Caster		#503926 J \$380
Metris	W639 ('03-'14) Lower arm bushes Camber & Caster		#505816 L \$545
Valente	W638, W639 ('96-'14) Front Camber only (See Page 11)		#505716 K \$480
			#505616 K \$480
2018-2024	W177/A35/45/S, C118 CLA, 247B/X GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE)		#506016 L \$545
	STAGE 3 (FULL RACE)		#505226 K \$480
	Extra Camber & Caster (Race days) lower arm (inner)		#505126 K \$480
2012-2020	W176/A45, C117 CLA, B246, X156 GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE)		#120216 D \$145
	STAGE 3 (FULL RACE)		#506216-2 L \$545
	Extra Camber & Caster (Race days) lower arm (inner)		#506216-3 L \$545
	'98-'20 Front Camber Only (See Page 11)		#506216-4 M \$595
REAR ('13-'20) lower arm Camber (& extra Toe) bushes.			#506116-2 L \$545
Trail Arm front bushes - Contain side load / G Forces			#506116-3 L \$545
Updated bushes (8) - With above kits eliminates rear end flex.			#506116-4 K \$480
			#120216 D \$145
			#506126 K \$480
			#506128 K \$480
			#506128-1J \$380



## MERCEDES - REAR Camber & Toe W222 incl. S63, 65 AMG, C217, Maybach (15-20)

# #502626 L

FRONT - CAMBER & CASTER KIT ALSO MANUFACTURED

**K-MAC - ADJUSTMENT FOR THE 1st. TIME (Precise Single Wrench)**

Tires are expensive - Resolve costly premature edge tire wear -  
Improve traction - Finally, correctly resolve steering pull with  
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.

**K-MAC UNIQUE PATENTED INTERLOCKING BOLT / BUSH DESIGN**

**GENUINE K-MAC (Rear Camber with "extra" Toe adjustment)**

1. Unlike upper Camber arms K-MAC 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 K-MAC 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.