

NOW CAN
ADJUST TIRE
'CONTACT'
ANGLES

FINALLY FRONT & REAR ONGOING

IMPROVE TRACTION & EDGE TIRE WEAR
Camber, Caster Adjustment

AMG W205 C63 'S' (Coupe) #502326-1K

REAR CAMBER (& EXTRA TOE)

K-MAC "Precisely Adjustable" - providing '4' times the adjustment range of "one offset" plates
Single Wrench - "accurately" under load

K-MAC BUSHES - ALSO HAVING 2½ TIMES THE LOAD BEARING AREA

*K-MAC KIT ALSO INCLUDES 'OUTER' TOE ARM BUSHES
TO ELIMINATE FLEX - PREVENT TOE CHANGE
COUPE Toe arms H/Duty but end mounts are soft rubber

TOOLS REQUIRED

WRENCH: 2 x 18mm, 2 x 16mm MULTI GRIPS: 1
SOCKET: 1 x 18mm E, 1 x 18mm (Ext.), 1 x 12mm (Multi Spline)

Installation should be carried out by a qualified person

- A. Vehicle on 4 post hoist to aid reconnection of inner bolts step J.
- B. **CAMBER K-MAC - FIT WITHOUT ARM REMOVAL**
As indicated in Pic. 2 the lower control arm inner forks each have jacking lug located near to "inner" slot. Important jack positioned "so clearance" - to fully insert (#1) slide plates.
- C. For ease of bolt removal - jack / raise arm only sufficient to take up / support load. Make sure load is "EVEN" on both forks (for ease of bolt removal).
- D. Remove the inner bolt initially quarter way and again re-adjust jack - (if not easy to tap out) - bolt head should be horizontal.
- E. After bolt removal 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).
- F. Clean hole and insert the new K-MAC elastomer bushes. Now lubricate the steel inner bushes (only) with silicone grease supplied and insert.



PIC 1.
LOWER ARM
"INNER" MOUNT

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

H. Position each pair of the STEEL folded tab plates as in pic 2 (#1). Then use multi grips to close the outer tab so seated in channel (#3).

I. New cam washers place under head of bolt (then prior to tab lock washer and nut).

CAM WASHERS
INSERT / ADJUST
WITH 'OFFSET'
DOWN
SO INNER BUSH
HAS CLEARANCE / TRAVEL
ON FULL ADJUSTMENT

J. Raise and insert arms (insert bolt with flat at bottom so lines up with 'D' hole - See step G.)

K. 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)

*ALSO THE 2 'OUTER' TOE BUSHES

Bolts to simplify removal (fuel tank side only) undo nut, push bolt forward so clearance - allowing to cut head off using disc blade.



Support Tube Toe Bush Pusher Tube

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

WHEEL ALIGNMENT ("WITH TIRES ON - SLIDE PLATES")

SIMPLY ROTATE BOLT HEADS - UNIQUE K-MAC PATENTED SYSTEM
(ALLOWING ULTIMATE ADJUSTMENT - "UNDER LOAD")

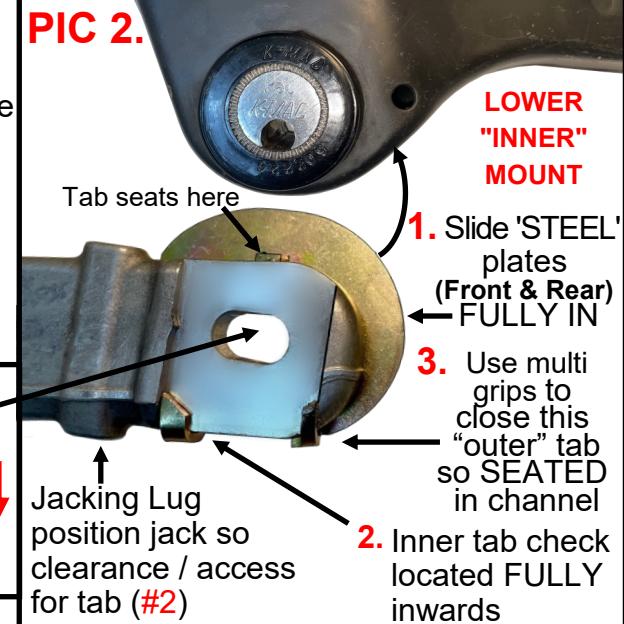
Make sure nuts are loose and rotate the bolt heads for both Camber and Toe. Once required settings obtained, hold head of bolts in this position and tighten the nuts to 110Nm (80 ft/lbs).

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)

ALSO STEP 'J' - CAM WASHER OFFSETS 'DOWN'



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

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

PAGE	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, E63, E65/S AMG	C218 CLS 250 - 550, 63, 65 AMG	#502916 K
8	'10-'18	W212, C218 4MATIC	● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#503616 K
				Stage 3 (Full Race)	#502916-2L
			** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7		#502916-3L
7	'15-'24	W205 / A / C / S, **C180 - C350 4MATIC - *C220 - C450 / C43 AMG	AMG GT4 Door C63/A/C, 63S AMG	#502816 K #503416 K #503316 K	
	'21-'24	W206/e 4MATIC -	C180 - C300 C200 - C400e / C43 AMG	#503116 K #503216 K	
7	'16-'24 '13-'24 '13-'20 '21-'24	**EQC, W213 E43/53/63, E220-450. **C253/X GLC, AMG / 4MATIC **W213 E200-350. **C238, **C217, **C257 W222/S, 63/65 AMG, Maybach ('15-'20). #503016K W223 Maybach W223, S350-680, AMG 63, Maybach	#503416 K #502816 K #503726 K #503716 N		
7	'02-'20	R172, W204, C207, AMG, 'Black' (C209 AMG, Black #503516K. 270 - 500 #502216K) ● Also Adjustable Strut Top Mounts - for C209 'Black' Series (only)	Stage 2 (Street/Race)	#502616 K #502616-2L	
			Stage 3 (Full Race)	#502616-3L	
		● Also Adjustable Strut Top Mounts - If Coil Spring Suspension W204/X, C207/A, Incl. AMG, 'Black' Series	Stage 2 (Street/Race)	#503016-2L	
			Stage 3 (Full Race)	#503016-3L	
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	#502016 J	
9	'96-'09	W210 (502116K)	"4MATIC" - W210, W211/S, W220	#502416 K	
9	'06-'14	W216, W221 #502316.	'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 ● 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)		Upgraded Bushings 6 Multi link rear arms Page 14 Upper Camber arms (and extra Toe) Page 12-14			
12	'14-'24	Coil Susp. W205 (all incl. AMG C43 *C63/S) W213, C238, 253, 257 (#502226K) AIRMATIC	#502326 K		
12	'14-'24	W205 (*C63/S Coupe #502326-1K)	Above AMG & GT 4 Door	#502326-2K	
	'21-'24	W206/e C180 - C300		#503126 K	
12	'00-'18	W204 incl. AMG, Black Series, C207, W212, W215, C218, R231	#502126 K		
12	'01-'11	W211, C219, R230 Airmatic incl. AMG #502526K. W211, C219, R230 (Coil Susp / 4matic)	#502126-1 K		
12	'06-'24	W216, 221, 222/S, C217 Maybach 15-20 (#502626K). W223 Maybach	#503726 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 #502726 K)	#502026 H *A208 Convertible #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 **W166 / X, C292 **W164 / X, ML W251 W163 (FRONT - Camber only)	11 Front also replaces / strengthens the (costly) Lower / Inner Rear bushes!	14 #504216 P #504016 N #503816 N #503916 i 15 #504226 N #504026 K #504026 K #503926 J	REAR Bushings and / or Upper Arms (Page 14)	
Sprinter	W910 ('19-'24) incl. 'E' Strut Mounts Camber & Caster W906 Camber & Caster '4' lower arm bushes W903 ('96-'14) Camber & Caster '4' lower arm bushes)	11 #505816 L #505716 K #505616 K		Also see Page 11 (Front Camber ONLY)	
Vito	W447, 448 ('14-'24) incl. 'E' Strut Mounts Camber & Caster	11 #506016 L #505116 K #120216 D	14 #505226 K #505126 K #505126 K		
Metrис	W639 ('03-'14) Lower arm bushes Camber & Caster				
Valente	W638, W639 ('03-'14) Front Camber only (See Page 11)				
2018-2024 W177/A35/45/S, C118 CLA, 247BX GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE)					
REAR Extra Camber & Caster (Race days) lower arm (inner)					
2012-2020 W176/A45/C117 CLA/B246/X156 GLA STRUT TOPS (Precise Camber & Caster) STAGE 2 (STREET/RACE) STAGE 3 (FULL RACE)					
Extra Camber & Caster (Race days) lower arm (inner) '98-'20 Front Camber Only (See Page 11)					
REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Trail Arm front bushes - Contain side load / G Forces Upgraded bushes (8) - With above kits eliminates rear end flex.					



SIMPLY THE BEST...

1964 - "EXPERIENCE" of Mnf. Adjustable Strut tops & Bushing kits LONGER THEN ANY OTHER BRAND !

Mercedes - REAR "Camber & Extra Toe" Kit AMG W205 C63 'S' (Coupe) #502326-1K

*K-MAC KIT ALSO INCLUDES EXTRA TOE ARM BUSHES TO ELIMINATE FLEX - PREVENT TOE CHANGE (OEM AMG "Coupe" Arms are H/Duty - but end mounts are soft rubber)

FORGED ALLOY LOWER ARMS (with inner slot)

FRONT - CAMBER & CASTER KITS ALSO MANUFACTURED

- Lower inner adjustable bushings (up to 2°'s Pos. or Neg.)
- Also upper inner wishbone bushings up to (1.5°'s Pos. or Neg.)

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

Providing '4' times adjustment range of "one offset" plates Also single Wrench - "accurately" under load DIRECT ON ALIGNMENT RACK

* K-MAC are designed to adjust lower arms (unlike upper Camber arms) retaining clearance top of tire to outer fender 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.

NOTE: K-MAC UPPER ADJUSTABLE ARMS #502226-3M - Recommend only if wanting to increase Negative Camber / Clearance top of tire to outer fender.