

WHAT MERCEDES OWNERS SAY

- **I've run the KMAC bushings** on the front end for over 66 000 miles (>100,00 kilometers). KMAC beats the OEM hands down. I'm glad I invested in them. Over 66.000 miles and I still have not had to adjust the front Camber. On a Mercedes, I now regard that as great!
- **C63S AMG W205** - "You need to fit KMAC Camber Kits to preserve Tires. 3 sets in 18 months. Now perfect wear across front and rear after another 18 months, seriously worth fitting."
- "Purchased a front kit from KMAC for my C63 S so that I could dial in some front Camber for track events. Great system. Well engineered and I am happy with it. It was also priced fair. I highly recommend them."
- **CLS 55 AMG W219** - "Used to be 6-10k down to the cords. Bought KMAC bushings and started doing my own alignments, now it's 30+. That's a whole year for me. I went through 6 grand worth of tires in the first 2 years of ownership. Had to take control of the situation."
- **GLA 45 AMG X156** - Just want to thank you guys. Stunning - track days difference is night and day.
- **C63 AMG W204** - "Talk all you want about toe in/out.... negative Camber would factor in. 2nd premature replacement of tires.... 'C' is a daily driver, commute 50+ miles one way. Replacing tires after 7-8 months getting annoying. Now able to get full degree positive camber. Quality.... KMACS seemed much better material to the OEM items removed.."
- **CLK 55 AMG W209** - "Factory set up caused the outside edges of the tires to wear excessively..."
"Ride quality is significantly improved, steering input is instant and responsiveness is fantastic."
- "I installed the KMAC front kit yesterday. I was impressed with the quality, and the parts to help remove the old bushings and install the new ones were a life saver. The kit has enough adjustment to completely fix the front camber on my lowered CLK55. I have the rear kit ready to go for next weekend."
- **E63 AMG W211** - "The E63 Mercedes that we installed the KMAC bushings on. . . And lowered it one inch. It is unbelievable how well it handles now. They should build cars that way from the factory!"
- **E320 W211** - "I'd endorse KMAC any time; so much control / adjustment available. I had everything professionally installed of course. Nothing out there matches KMAC bushings; it was money worth spent."

FRONT - CAMBER (& Caster) REAR - CAMBER (& Extra Toe)

MERCEDES

NOW ABILITY TO ADJUST TIRE CONTACT ANGLES
Only Front & Rear Toe "Directional" Adjustment OEM
(NEW CAR INDUSTRIES BEST KEPT SECRET)

Even AMG / Black Series - All to do with cost savings & ever increasing speed of assembly lines.

FINALLY RESOLVING COSTLY, PREMATURE "EDGE" TIRE WEAR!

(excess edge load can also cause ruptured side walls, rim damage)

No more ongoing trips Dealers, Alignment shops, Constantly changing tire brands.

BUSHINGS

**"PRECISELY" ADJUSTABLE
Camber, Caster and Toe**

**FRONT
"STRUT" SUSPENSIONS**

- "Replacement Strut Tops"
- Precise Camber (& Caster)
- STAGE 2 (STREET/RACE)
- STAGE 3 (FULL RACE)
- Extra Pos. 1° or Neg. 3.5°



STRUT TOPS

See Website re all the unique features
With KMAC - Can precisely adjust
from engine bay (without strut
removal)

EXTRA ADJUSTMENT
PERFORMANCE (Reduce Understeer) TRACK DAYS
Page 7-10



1968-2020
Sedans, Coupes, Wagons
SUV, AMG/Black,
Sprinter, Vito

**FRONT
"UPPER WISHBONE" SUSPENSIONS**

- Precise Camber (& Caster)
- INNER BUSHINGS
(Designed to fit without Arm removal)
- Pos or Neg 1.5°
- OR



- COMPLETE REPLACEMENT ARMS
Precise Camber (&Caster) Security
of OEM design high strength
Forged Alloy. Not welded /
fabricated Steel
- Pos. or Neg 2.5°
- Page 7-11

BUSHINGS

- Long Term Maintenance Free
- First Vehicle Items to Fail
- Resolving Rattles, Squeaks

Experience of Manufacturing Since 1964!

KMAC - Retaining
security of the OEM high
strength Forged Alloy Arms
(Not welded / fabricated steel)

BUSHINGS

Page 7-11

CAMBER FRONT Lower Arm Inner

Both mounts precisely single wrench adjustable
accurately under load direct on alignment rack.
Pos. or Neg. 1.5° (More than 4 times that of
inaccurate 1 offset position OEM bolts).

& CASTER Forward facing Thrust arms.

Mono ball / 2 Axis also providing significant improvement
to brake and steering response. (KMAC twice the load
bearing area of spherical bearings that soon pound out)

REAR KITS

**CAMBER & also "EXTRA TOE"
Adjustment For the 1st Time**

- Replacement Lower Arm Bushings. Precise single wrench adjustable.
- Easily accessible. Bush extraction tool & Extra "Toe" adjustment included
- Retains top of tire to outer fender clearance when adjusting to reduce inner edge tire wear.
- Page 12-15



Pos. or
Neg. 1.5°

- Upper "Camber" Arms. Security of OEM design forged alloy (not extruded or welded / fabricated). Moving top of tire "OUT" to reduce inner edge wear or "IN" to increase clearance to outer fender. Extra "Toe" adjustment included.
- Page 12-14



Pos. or
Neg. 6°

- B Series Incl. AMG / 45 (W168, 169, 176, 245, 246, C117, X156) Replacement Lower "Camber" Arms OEM design (not welded / fabricated). Extra "Toe" included
- Pos. 3° or Neg. 1.5°



Trail Arms - Mono
Ball Bushings Page 14

- Up-rated bushings '6' Multi link arms. Less twitch / flex, loss of traction. Especially applying power to lane change / overtake. All models
- Page 15

TOTAL SYSTEM — ONE SOURCE

Adjustable Bushings, Strut Tops, Wishbones, Strut / Chassis Braces, Location Rods
KMAC — Suspension Engineering For Mass Produced Auto's Since 1964!

CHASSIS QUICK REFERENCE ALL '68 -'20 Incl. AMG, Black Series ③

PAGE	FRONT (CAMBER & CASTER) "EXTRA" ADJ. • Performance driving / Track days STRUT Susp. see below (Front Upper wishbone Susp. - See Page 7-11)			
7 7	'10-'18 '12-'18	W212 / S, E200 - 500, E63, E65 AMG, Also Adjustable Strut Top Mounts - If Coil Spring Suspension	W218 CLS 250 - 550 W218 CLS 63, 65 AMG. Stage 2 (Street/Race) Stage 3 (Full Race)	#502916 K #503116 K #502916-2 L #502916-3 L
** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7				
6	'14-'20	W205 / A / C / S, **C180, C200, C220, C250, C300, C350 **C300, C400, C450 / C43 AMG(4MATIC) **C63/C, 63S AMG		#502816 K #503416 K #503316 K
6	'16-'20	C253/X GLC, C257 CLS AMG, 4MATIC (Popular A, B, CLA, GLA see below *)		#503416 K
	'13-'20	W213/S, C217/A, C238/A, W222 AMG, 4MATIC		#502816 K
6	'02-'19	R172, W204/X, C207/A, Incl. AMG & 'Black' Series (All 209 Incl. Black #503516K) Also Adjustable Strut Top Mounts - for C209 'Black' Series (only) Also Adjustable Strut Top Mounts - If Coil Spring Suspension W204/X204, C207/A207 Incl. AMG, 'Black' Series	Stage 2 (Street/Race) Stage 3 (Full Race) Stage 2 (Street/Race) Stage 3 (Full Race)	#502616 K #502616-2 L #502616-3 L #503016-2 L #503016-3 L
9	'98-'06	**W215 CL, **W220/S, W220/S		#502516 K
9	'95-'09	"4MATIC" - W210, W211 / S211, W220		#502416 K
6	'06-'14	**W216, **W221		#502316 K
9	'00-'19	R171, W203 / A, **W211, C219, **R230 / 231		#502216 K
9	'95-'02	W210		#502116 K
9	'83-'02	R170, W202, C208 / A Incl. Chrysler Crossfire (300C, Charger, #502716 K)		#502016 J
9	'91-'99	W140 Has adjustment KMAC doubles adj. range		#501916 K
10	'82-'01	W124 / C124, R129, W201 Has 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 Has 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	'01-'20	W211/S211, W216, W219, W221, W222, R230, R231		#502526 K
12	'00-'20	W204/X (Black see below), W205/S, C207/A, W212/S, W213/S, 215, C217, W218, 220S, C238A, 253/X, 257CLS		#502226 K
12	'01-'19	C209 / A ('01-5/04), R171, R172	(33mm Lower Arm/Inner bush)	#502026 H
12	'04-'09	C209 / A(6/04-'09)	(51mm " " " ")	#501926 J
12	'07-'16	W204 / C209 ('Black' Series)	(33mm " " " ")	#501526 J
13	'91-'98	W140	(51mm " " " ")	#501626 J
13	'82-'03	W124 / C124, R129, R170, W201, W202, *C208, W 210 Incl. Chrysler Crossfire (300C, Charger #502726 K) *A208 Convertible		#502026 H #501426 i
13	4/04-'07	W203	(51mm Lower Arm/Inner bush)	#501926 J
13	00-3/04	W203	(33mm " " " ")	#502026 H
14	'68-'91	R107, W114, W115, W116, W123, W126		#501826 i
SUV, SPRINTER, VITO, A/B/CLA/GLAAMG				
	SUV	W166 / X166, W251, C292 } W164 / X164 } W163 (Front Camber Only)	Front also replaces / strengthens the (costly) Lower / Inner Rear bushes!	
				11 #504016 M #503816 M #503916 G
				14 #504026 K #504026 K 15 #503926 i
				FRONT-"EXTRA" Adjustment See Page 11
	Sprinter	W906 ('14-'20) W906 ('06-'13) W903 ('95-'06) Camber Bolts Only ('06-'20) Non-Slip H/Duty	Full Camber (& Caster) '4' lower arm bushes	
				11 #505816 K #505716 K #505616 K #505016 C
	Vito	W639, 447, 448 ('10-'20) Strut Mounts Camber & Caster		
	Metris	W639 ('04-'09) Camber Caster 4 lower arm bushes		
	Valente	Camber Bolts Only ('04-'20) Front Non-Slip H/Duty W638 ('96-'03) Front Camber (Maxi Camb See Page 11)		
				11 #506016 L #505116 K #505016 C #120216 D
				14 #505226 K #505126 K #505126 K #505126 K
*	A, B, CLA, GLA, 35, 45 AMG (W168/9, 176/7, 245/6/7, C117/18, X156) FRONT ('13-'20) Strut Top Mounts (Precise Camber & Caster) Extra Camber & Caster (Race days) lower arm (inners) '98-'20 Front Camber Only (Maxi Camb) REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Lower replacement arms Camber (& extra Toe) Trail Arm front bushes. Tauter response, traction Upated bushes - 6 Multi link arms. Tauter response, traction		Stage 2 (Street/Race) Stage 3 (Full Race)	7 #506116-2 L #506116-3 L #506116-4K 11 #120216 D 14
				14 #506126 K #506126-2Q #506128 K #506128-1J
				Have Rear Toe. KMAC provides also Camber & doubles Toe adjustment range.