

***SIMPLY THE BEST** ALWAYS IST. WITH THE LATEST DESIGN BREAKTHROUGHS

Actual Inventors/Patentees . . .

WISHBONE - Adjustable Ball Joint. **STRUT** - Biggest/Quickest Adjustment. **BUSHINGS** - Single Wrench-On Car

1888 847 9099 (24/7)
 637 RIVER RD. JOHNS ISLAND
 SOUTH CAROLINA 29455 USA
 sales@k-mac.com



FINALLY - Resolve Costly / Premature / Excess "EDGE" Tire Wear !

**FOR 1968
2023**

MERCEDES BENZ

**Incl W205 &
All 4Matics**

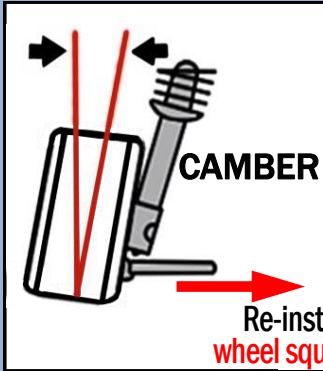
Sedans, Coupes, Wagons, SUV's, AMG / BLACK - Sprinter, Vito

Single wrench
Adjustable

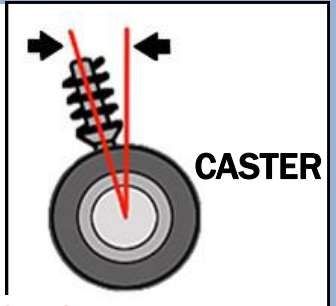
CAMBER & CASTER ADJUSTMENT KITS **ONLY TOE OEM!**

Very latest
2023 Upgrades

AT LAST "FULL" - Front and Rear Wheel Alignment - NOT JUST TOE



NEW CAR INDUSTRIES BEST KEPT SECRET
 Cost cutting & increasing speed of assembly lines means....
ONLY FRONT & REAR TOE "DIRECTIONAL" ADJUSTMENT OEM!
 Even BMW 'M', Mercedes 'AMG'
 No Essential Camber (or Caster) to adjust tire "contact angles"
 to resolve costly, premature excess edge load / wear.
 Excess load also causing higher impact leading to ruptured
 side walls, rim damage.
WITH KMAC-FIX IT RIGHT THE 1ST TIME !



Re-instate adjustment for other than showroom height conditions - high cambered roads,
 wheel squat (load carrying, lowering), worn bushings. Wide profile tires, curb knock damage.

FRONT & REAR ADJUSTABLE BUSHINGS, STRUT TOPS & ARMS

Long term, Maintenance free - (With twice the load bearing area)

WORN EXPENSIVE OEM BUSHES ARE REPLACED AT SAME TIME WITH "precisely" adjustable
 Camber & Caster (Single Wrench). Most KMAC unique patented design
 bushings being 2 axis / mono ball self aligning - without the use of air voids.
 Allowing significant improvement to brake and steering response.

**Front / Rear
Bush kits**
 Including "2-Axis / Mono Ball" designs
 Twice load bearing area of OEM

Patented - Quickest / Biggest Adjustment
Page 7 - 15

**Front Adjusters
'Strut'**
 Suspension (In addition to)
 Lower Arm Adjustable Bushings
 Street/Race Full Race

Patented - Quickest / Biggest Adjustment
Page 7, 8, 9, 10

**Front Adjusters
Upper 'Wishbone'**
 Suspension (In addition to)
 Lower Arm Adjustable Bushings
 Camber & Caster

Adjust. Bushings or Adjust. Arms
Page 7 - 11

**WORLDS LARGEST
RANGE**

Popular / Quick Reference Guide - See Pages 2 & 3

Over 30 makes including . . .

Acura, Alfa, Audi, Bentley, BMW, Camaro, Chrysler, Daihatsu, Datsun, Ford, General Motors, Holden,
 Honda, Hyundai, Infiniti, Iveco, Kia, Land Rover Discovery / Evoque, Lexus, Mazda, Mercedes, Mitsubishi,
 Mini, Mustang, Nissan, Opel, Pontiac, Porsche, Proton, Rover, Rolls Royce, Saab, Scion, Seat
 Skoda, Sprinter, Subaru, Suzuki, Tesla, Toyota, Triumph, Vito, Volkswagen, Volvo

• COMPETITION PROVEN • BIGGEST ADJUSTMENT • NON SLIP LOCK SYSTEM •

KMAC ALIGN - MODELS to CHASSIS GUIDE

AMG GT 4 Door			
X290 2018 - 2023			
4 Door 43/50/53/63/63S/63S E			
A Class			
W168 1997 - 2004			
A 140 / 160 / 190 / 210 / A 160 / 170 CDI			
W169 2004 - 2013			
A 150/A/170/A 200 A/160/A/180/A 200 CDI			
W176 2012 - 2019			
A 180 A 200 A 250 A 160/ A 180/ A 200/ A 220 CDI, A 250 Sport, A 45 AMG			
W177 2019 - 2023			
A180/200/220/250/35/45/S AMG 4MATIC			
B Class			
W245 2005 - 2011			
B160 / 170 / 180 / B200 / CDI			
W246 2011 - 2019			
B 180 B 200 B 250 CDI 4MATIC			
W247 2018 - 2023			
B 180 / 200 / 250 / 35 / AMG / 4 MATIC			
CLA Class			
C117, C118 2013 - 2023			
CLA 180 / CLA 200 / CLA 250 / CLA45 AMG			
CLA 200 / CLA 220 CDI / CLA 250 4MATIC			
C Class / CLC Class			
W202 1993 - 2000			
C 180 / 200 / 220 / 230 / 240 / 250 / 280			
C200 / C220 / C270 CDI C200 / C230 Kompressor			
C 36 AMG / C 43 AMG / C 55 AMG			
W203 2001 - 2007			
C 160 C 180 C 230 C 240			
C 280 C 320 C 350 C 200 CGI			
C 200 / C 220 / C 270 CDI / C 32 AMG			
C 55 AMG / C180 / C200 / C230 Kompressor			
CLC 160 / CLC 230 / CLC 250 / CLC 350			
CLC 180 / CLC 200 / CLC 230 Kompressor			
W204 2007 - 2014			
C180 / C200 / C220 / C230 / C280 / C300 / C350 / C200 / C220 / C300 / C350 CDI Incl. 4MATIC			
C63 AMG, C63C AMG / Black Series			
A/C/S/W205 2015 - 2023			
C180/ C200/ C220/ C250/ C300/ C350/ C400/ C450			
C300, 350, 400, 450 / C43 AMG 4MATIC			
C63/C, 63S AMG, GT			
C217 / A217 2014 - 2020			
S 500 / 550, S63 AMG 4MATIC, S63 / S65 AMG			
CL Class			
W140 1991 - 1998			
CL 420 / CL 500 / CL 600			
W215 2000 - 2006			
CL 500 / CL 600 / CL 55 AMG / CL 63 AMG			
CL 65 AMG			
W216 2006 - 2014			
CL 500 / CL 600 / CL 500 4MATIC			
CL 63 AMG CL 65 AMG			
CLK Class			
C208 / A208 1997 - 2010			
CLK 200 / CLK 320 / CLK 430 / CLK55 AMG			
CLK 200 / 230 Kompressor			
C209 / A209 2002 - 2009			
CLK 320 / CLK 350 / CLK 500			
CLK 270 CDI/CLK55/63 AMG/BLACK			

C207 / A207 2009 - 2017	
E 200/220/250/300/320/350/400/500	
CLS Class	
C219 2004-2010	
CLS 280 / 300 / 350 / 500 / 550 / 55/63 AMG	
C218 2012 - 2018	
CLS 350 / 500 / 550. CLS 250 / 350 CDI / 4 MATIC	
CLS 550 4MATIC CLS 63 / 65 AMG	
CLS 350 / 500 / 550. CLS 250 / 350 CDI / 4MATIC	
C257 2018-2023	
CLS 300 / 350 / 400 / 450 / 53 AMG, 4MATIC	
W123 1976 - 1986	
200 / 230 / 250 / 280 / 230C / 280C / 300CD / 230CE / 280CE / 200D / 240D	
300D / 230E / 280E / 200T / 220T / 230T	
250T / 240TD / 300TD / 230TE / 280TE	
W124 / C124 1984 - 1996	
200E / 220E / 230E / 260E / 280E / 300E	
320E / 400E / 500E / 200D / 250D / 300D	
200CE / 230CE / 300CE / 320CE / 200T / 200TD / 250TD / 200TE / 230TE / 280TE	
300TE / 320TE / E 200 / E 220	
E250 / E 280 / E 320 / E 420 / E 500	
260E / 300D / 300E / 300TE 4MATIC E 60 AMG	
W210 1996 - 2002	
E 200 / 240 / 280 / 300 / 320 / 420 / 430	
E 220D / 290TD / 300TD. E36/50/55/60 AMG	
W211 / S211 2002 - 2009	
E 240/280/320/350/500/550 Incl. 4MATIC	
E 200 / 220 / 280 / 320 CDI Incl. 4MATIC	
E 55AMG E 63 AMG E 200 Kompressor	
W212 / S212 2009 - 2016	
E 300 / 350 / 500, E 200 / 220 / 250 / 350 CDI	
E 200 / 250 / 350 CGI E 300 CD E 550	
E 350 / 500 4MATIC E 63 / 65/S AMG	
W213 / S213 / C238 2016-2023	
E200 / E220 / E300 / E350e / E400 / E 450 4MATIC	
E43 AMG / E53 / E63 / E63'S' AMG	
E200d / E220d / E300d / 350d / E400d 4MATIC	
EQ CLASS	
EQC N293, EQE X293, EQS V297 2019 - 2023	
GLA Class	
156X 2014 - 2020	
GLA 180 / 200 / 250 GLA 250 4MATIC	
GLA 180 / 200 / 220 CDI, 220 CDI 4MATIC	
GLA 45 AMG	
GLB Class	
247 / X 2019 - 2023	
GLB 180, 200, 220, 250, 35 AMG 4MATIC	
GLC Class	
C253 / X 2016 - 2023	
GLC 220, 250, 300, 350, 43, 63/S incl. AMG / 4MATIC	
GLE Class	
W166, W167, C292, C293 2011-2023	
GLE 250/ 300/ 320/ 350/ 400/ 450/ 500/ 580. GLE 43/ 53/ 63 AMG	
GLK Class	
X204 2008 - 2016	
GLK 200 / 220 CDI	

GLK 220 / 250 / 320 / 350 CDI Incl.4MATIC			
GLK 280 / 300 / 350 Incl. 4MATIC			
GL / GLS Class			
X164, X166, X167 2006 - 2023			
GL/GLS 350/400/450/500/550/580/600. 63 AMG 4MATIC			
ML Class			
W163 1997 - 2005			
ML 320 ML 350 ML 430			
ML 270 / 400 CDI ML 55 AMG / 63 AMG			
W164 2006 - 2011			
ML 300 / 350 / 450 CDI / 63 AMG			
ML / GLE Class			
W166, W167, C292, C293 2011 - 2023			
R Class			
W251 2005 - 2013			
R 280 / 320 / 350 / 500. 300 / 350 CDI. 63 AMG			
S Class			
W116 1972 - 1980			
280S 280SE 450SE 300SD			
280SEL 350SEL 450SEL			
W126 1979 - 1992			
260SE / 280SE / 300SE / 380SE / 420SE			
500SE / 560SE / 260SEL / 280SEL / 300SEL			
380SEL / 420SEL / 500SEL / 560SEL			
300SD / 300SDL / 420SEC / 500SEC / 560SEC			
W140 1991 - 1999			
300SE 400SE 300SEL 400SEL			
500SEL 600SEL 500SEC 600SEC			
300SD S 280 S 300 S 320			
S 420 S 500 S 600			
W220 1998 - 2006			
S 280 / 320 / 350 / 420 / 430 / 500 / 600			
S 320 CDI S 350 / 430 / 500 4MATIC			
S 55 AMG S 63 AMG S 65 AMG			
W221 2005 - 2014			
S 220 / 350 / 400 / 450 / 500 / 550 / 600			
S 250 / 320 / 420 CDI. S 63 / 65 AMG			
W222, W223 Maybach 2013 - 2023			
S 220/ S 350/ S 400 S/ 450/ 480/ 500			
S 550/ 580/ S 600/ 680 S 500/ S 550 4MATIC			
S 63 AMG S 65 AMG S 63 AMG 4MATIC			
SL Class			
R107 1971 - 1989			
280SL/300SL/350SL/380SL/420SL/500SL			
560SL/280SLC/350SLC/380SLC/450SLC			
R129 1989 - 2001			
SL 280 / 300 / 500 / 600 SL 60 AMG			
R230 2001 - 2011			
SL280/300/350/500/550/600. SL55/63/65 AMG			
R231 2012 - 2020			
SL 350 / 500 / 550 SL 63 / 65 AMG			
SLK Class			
R170 1996 - 2004			
SLK 200 SLK 230K SLK 320 SLK32 AMG			
R171 2004 - 2010			
SLK 200 SLK 280 SLK 350 SLK55 AMG			
R172 2011 - 2020			
SLK 200/250/350. SLK 250 CDI, SLK 55 AMG			
190 Class			
W201 1982 - 1993			
190E 2.3 190E 2.6 190E 2.3-16			
190D 2.2 190D 2.5 190D Turbo			

CHASSIS QUICK REFERENCE ALL '68-'23 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 - 500	#502916 K
8	'10-'18	W212, C218 4MATIC #503616K	C218 CLS 550 63, 65 AMG	#503116 K	
		● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#502916-2L	
		** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7	Stage 3 (Full Race)	#502916-3L	
7	'15-'23	W205 / A / C / S, **C180, C200, C220, C250, C300, C350 4MATIC - **C300, C400, C450 / C43 AMG C63/A/C, 63S AMG	{ AMG GT4 Door ALL 43 to 63/S }	#502816 K #503416 K #503316 K	
7	'16-'23 '13-'23	**EQC/E/S W213 E43/53/63, E220-450. **C253/X GLC, C257 CLS/AMG/4MATIC **W213 E200-350. **C238, **C217, W222 / 223 / S, S63 / 65 AMG. Maybach('15-'23)		#503416 K #502816 K	
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) ● Also Adjustable Strut Top Mounts - If Coil Spring Suspension W204/X, C207/A 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	'02-'20	W203/A, W211, C209 (CLK 270 - 500), C219, R171, R230, R231		#502216 K	
9	'93-'10	R170, W202, C208 / A (CLK 56 AMG #502016-2K) incl. Chrysler Crossfire		#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 ● 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) : Uprated Bushings 6 Multi link rear arms Page 14 Upper Camber arms (and extra Toe) Page 12-14					
12	'14-'23	Coil Susp. W205 (incl. AMG E43 *C63/S) W213, C238, 253, 257 (#502226K) AMG/Air/4MATIC/E		#502326 K	
12	'14-'23	W205 (*C63/S Coupe) also AMG GT 4 door & above 'S' Models		#502326-1K	
12	'00-'18	W204 incl. AMG, Black Series, C207, W212, W215, C218, R231		#502126 K	
12	'01-'11	W211, C219, R230 Airmatic / 4matic incl. AMG #502526K. W211, C219, R230 (Coil Susp)		#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 #502726 K) *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					
	SUV	**W167 / X, V167 GLE/GLS, C293 Upper Inner Bushes **W166 / X, C292 } Front also replaces / strengthens the (costly) **W164 / X, ML W251 } Lower / Inner Rear bushes! W163 (Camber only)	11 #504216 P #504016 N #503816 N #503916 G	14 #504226 K #504026 K #504026 K #503926 i	REAR Bushings and / or Upper Arms (Page 14)
	Sprinter	W910 ('19-'23) incl. 'E' Strut Mounts Camber & Caster W906 Camber & Caster '4' lower arm bushes W903 ('96-'14) Front Camber Only (see page 11)	11 #505816 L #505716 K #505616 K		
	Vito	447, 448 ('14-'23) incl. 'E' Strut Mounts Camber & Caster	11 #506016 L	14 #505226 K	
	Metris	W639 ('03-'14) Lower arm bushes only	11 #505116 K	#505126 K	
	Valente	W638 ('96-'03) Front Camber only (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 #506116-3 L #506116-4 K		
	Extra Camber & Caster (Race days) lower arm (inners) '98-'20 Front Camber Only (See page 11)		11 #120216 D	14	
	REAR ('13-'20) lower arm Camber (& extra Toe) bushes. Trail Arm front bushes - Contain side load / G Forces Uprated bushes (8) - With above kits eliminates rear end flex.			#506126 K #506128 K #506128-1J	Have Rear Toe. KMAC provides also Camber & doubles Toe adjustment range.

OFTEN QUOTED "FULL FRONT AND REAR WHEEL ALIGNMENT"

is actually only "Toe" - "directional" adjustment!

(new car industry's best kept secret)

EVEN THE MOST EXOTIC MODELS **AMG / BLACK SERIES** OR BMW 'M'

It's all to do with cost cutting & the ever increasing speed of assembly lines.

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".
- "Michelin Pilot Sport 4 AS and can highly recommend KMAC. I have their rear Camber kit and it completely corrected my rear suspension (camber & toe), especially after lowering. All components are excellent quality, *totally worth it*. No more rear inner uneven tire wear".
- "I highly recommend K-MAC, super high quality kit and customer service if you need it. After lowering my W205 I did the K-MAC camber kit (it needed it) and had my camber set at 0.5% degrees negative and zero toe for best tire wear. The wear was perfectly spread across the tread after 5K miles".
- "Another thing I like about the K-MAC kit is the camber is adjusted on the lower A-arm as opposed to other methods that use the upper A-arm. This allows you to adjust the camber by moving the bottom of the wheel in and out, as opposed to moving the top of the wheel in and out which can affect tire-to-fender clearance".
- "I have 10 track days in the last 8 months on my front and rear kits... they have held up great. My local race shop checks my alignment. I'm pleased how just installing these with a KW kit has transformed my car".
- "...went to another track day with my new set up. The Camber kits held up phenomenally.... thanks K-MAC. Ended up getting 2nd place".
- **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."
- **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.."
- **C63 AMG W222** - "K-MAC The best overall solution for your alignment dilemma.... allow you to experience the vehicle in a way that is only described as transformational.... Your budgeting for tires can be as much as 4x lower.... because you need the new tires when you can see the steel cords about to render the vehicle undrivable from a safety standpoint. You visit the dealer with this tire wear excessiveness you express your displeasure to the service Adviser. The Dealership owner operator may buy you a \$2,600 set of tires. Now after you take the bait for a "free" set of tires your issue remains."
- **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."
- **GLA 45 AMG X156** - "Just want to thank you guys. Stunning - track days difference is night and day".
- **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."

K-MAC - EXPERIENCE OF RESOLVING OEM SUSPENSION SHORTCOMINGS SINCE 1964!



FINALLY FRONT & REAR ONGOING

NOW CAN ADJUST
TIRE CONTACT ANGLES !

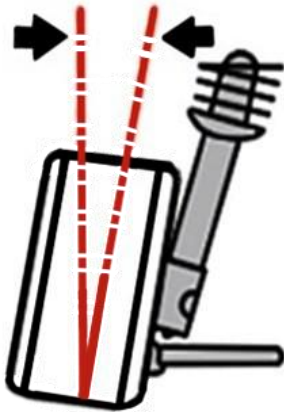
Camber, Caster (and extra Toe)

AUDI TO VOLVO



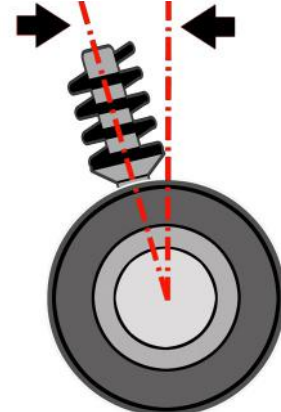
MAJORITY TODAY'S AUTO'S ONLY HAVE BASIC 'TOE' "Directional Adjustment"

Even Exotic BMW 'M' / Mercedes 'AMG'



CAMBER Plus CASTER

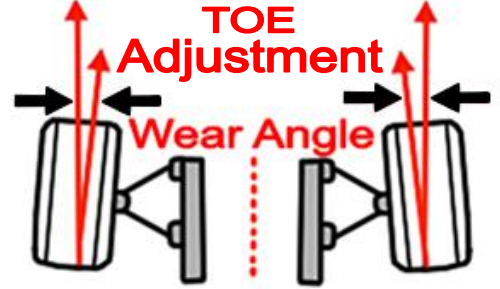
Adjusts tire "contact angle." **Correctly compensates** for costly, premature edge wear / Improves traction.



ALLOWS improved High speed directional stability along with

Mit der Spureinstellung alleine wird nur die Verschleissposition verschoben

Direction of Travel



(NOT JUST "TOE")

Existing (**directional adjustment**) only alters wear position but increases the overall wear rate.

Better steering Response, Resolving steering pull, with Quicker turn in and Reduced Dive / Lift on Brake / Acceleration

With KMAC - Fix it Right the 1st. Time!

AGAIN - FULL FRONT & REAR ALIGNMENT MEANS JUST THAT



Costly Premature Excess Edge Tire Wear
Going from Dealer / Alignment shop to the next
Constantly Changing Tire Brands



www.kmacalign.com

AVAILABLE FROM

sales@kmacalign.com

Acura, Alfa Romeo, Audi, Bentley, BMW, Chrysler, Daihatsu, Datsun, Ford, General Motors, Holden, Honda, Hyundai, Infiniti, Kai, Lexus, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Porsche, Proton, Opel, Land Rover Discovery, Evoque. Pontiac, Rolls Royce, Rover, Saab, Scion, Seat, Skoda, Subaru, Suzuki, Toyota, Tesla, Triumph, Volkswagen,

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

To Suit **MERCEDES** **ABILITY TO ADJUST TIRE CONTACT ANGLES**
Even AMG / Black Series - All to do with cost savings & ever increasing speed of assembly lines
Only Front & Rear Toe "Directional" Adjustment OEM
(NEW CAR INDUSTRIES BEST KEPT SECRET)

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)
Pos. 1° or Neg. 3.5°

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

1968-2023
Sedans, Coupes, SUV,
Wagons, 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 Security of OEM design high strength Forged Alloy. Not welded /
Pos. or Neg 2.5°
Cat. Page 7-11



PERFORMANCE BUSHINGS

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

Experience of Manufacturing Since 1964 !

STRUT TOPS See Website re all the KMAC unique features



← **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 & steering response.

BUSHINGS
Page 7-11

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

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.
Cat. Page 12-15



Pos. or Neg. 1.5°

• **Upper "Camber" Arms.** Not soft extruded aluminum. Instead hi strength chromoly tube. Moving top of tire "OUT" to reduce inner edge wear or "IN" to increase clearance to outer fender. Plus Extra "Toe" adjustment included
Cat. Page 12-14



Pos. or Neg. 6°

• **A,B,CLA,GLASeries Incl.AMG / 45**
2012-2023 **FRONT:** Adj. Strut Tops Camber & Caster
Stage 2 (Street / Race), Stage 3 (Full Race).
REAR: Camber & Extra Toe Kits
Also **Rear Trail Arms**
Mono Ball Bushings **Page 14**

• **Uprated 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 !



FRONT KITS

Incl. all AMG, Black Series (Extraction/ Insertion tubes included) 7
FIX PREMATURE EDGE TIRE WEAR, STEERING PULL, IMPROVE TRACTION
REDUCE DIVE / LIFT UNDER BRAKE/ACCELERATION, IMPROVE HI-SPEED CONTROL

*** Factory (Front Only) Offset bolts provide minimal 0.3 deg. and inaccurate having one offset position**

Incl. all Airmatic, ABC, 4 Matic [BUSHINGS also 2 axis / Mono Ball where applicable]

2002-2020 R172(SLK), W204(C) / X(GLK), C207 / A(E), C63 AMG / 'Black' Series
 •OR Budget Priced (Camber Only) Pair. less then cost 1 performance tire.
2002-2009 C209 (CLK) 55, 63 AMG, Black series
 •OR Budget Priced (Camber Only) Pair.
C209 CLK 270 - 500
 •OR Budget Priced (Camber Only) Pair.



CAMBER



CASTER

FRONT ULTIMATE "LOWER ARMS" ADJ. BUSHES - CAMBER (& CASTER)
 Nothing comes close - Price, Strength, Range, Ease adjustment.
 KMAC unique patented design single wrench precisely adjustable (accurately under load). **Replacing same time the highest wear-ing bushes.** With twice the load bearing area Mono ball / 2 axis Caster bushings - Significant improvement to brake and steering response.

*** ALSO ADDITIONAL (Coil Spring Models) REPLACEMENT "STRUT TOP MOUNTS" Precise Camber & Caster Adjustable (up to 3.0 degrees) RACE DAYS More traction (Increase Neg. Camber / Reduce understeer)**

*** These models are STRUT (no upper wishbone) suspension**

STAGE 2 (STREET / RACE) KMAC unique Pat design. Quickest / Biggest adjustment. Adjust from engine bay (with strut brace fitted). More even tire wear, traction. Or Track days up to 3.0 degrees extra Neg. to reduce understeer - deeper into corners with increased traction, braking response. Unlike other brands not steel or soft billet alloy but very highest aircraft 7075 aluminum. Extra H/Duty spherical bearings PTFE lined. Encased in elastomer for day to day commuting. Then massive 85mm diam. fully sealed separate thrust bearings for steering loads. Fits with OEM diam. springs or all brands Coil overs 60-70mm ID.

Also STAGE 3 (FULL RACE). . . . Same Stage 2 but without elastomer. No flex - Tauter / Quicker response, More effective shock control.



1.5°'s POS/NEG



3.0°'s POS/NEG



3.0°'s POS/NEG

#502616 K \$480
#502616-1i \$345
#503516 K \$480
#503516-1i \$345
#502216 K \$480
#502216-1i \$345
 'K' (Set 4)
 'i' (Set 2)

Stage 2 (Strut)
W204/X204
C207/A207
 (Incl. Black Series)
#503016-2 L \$545

Stage 3 (Strut)
#503016-3 L \$545

Stage 2 (Strut)
C209 Black Series
#502616-2 L \$545

Stage 3 (Strut)
#502616-3 L \$545

FRONT ULTIMATE "LOWER ARMS" ADJ. BUSHES - CAMBER (& CASTER)
2018-2023 AMG GT 4 Door 43, 50, 53, 63, 63S, 63 SE
2015-2023 W205(C) C180,C200,C220,C250,C300,C350
 OR Budget (Camber only) Pair
4MATIC - C300,C400,C450/C43 AMG
 OR Budget (Camber only) Pair
C63/A/C/S AMG Sedan, Wagon, Coupe
 OR Budget (Camber only) Pair

•OR PRICED RIGHT "UPPER 'A' Arms" (OR EXTRA ADJ.) INNER BUSHES- CAMBER (& CASTER) Precisely adjustable (On Coil spring models - can fit without arm removal).
 •Safety, security of retaining OEM Hi strength alloy arms (not welded fabricated)



1.5°'s POS/NEG



1.5°'s POS/NEG

#503416 K \$480
#502816 K \$480
#502816-1i \$345
#503416 K \$480
#503416-1i \$345
#503316 K \$480
#503316-1i \$345

#503316-2 J \$380

FRONT ULTIMATE "LOWER ARMS" ADJ. BUSHES - CAMBER (& CASTER)
2016-2023 W213 E43/53/63, E220-450. C2523/X GLC, C257 CLS incl. AMG/4MATIC
2019-2023 EQC, EQE, EQS N293, X297, V297 incl AMG
 OR Budget (Camber only) Pair

•OR PRICED RIGHT "UPPER 'A' Arms" (OR EXTRA ADJ.) INNER BUSHES- CAMBER (& CASTER) Also precisely adjustable Coil spring models - fit without arm removal.
 •Safety, security of retaining OEM Hi strength alloy arms (not welded fabricated)

AS ABOVE BUT "COMPLETE ARMS" - Precisely CAMBER Adjustable (security of OEM design hi-strength forged alloy arms - not welded / fabricated).



1.5°'s POS/NEG



1.5°'s POS/NEG



2.5°'s POS/NEG

#503416 K \$480

#503416-1i \$345

#503316-2J \$380

#503316-3 P \$795

FRONT ULTIMATE "LOWER ARMS" ADJ. BUSHES - CAMBER (& CASTER)
2013-2023 W213 E200-350. C217, C238, C253/GLC, C2257, W222/S
Incl. AMG S63/65, Maybach('15-'20)
 OR Budget (Camber only) Pair

OR PRICED RIGHT "UPPER 'A' Arms" (OR EXTRA ADJ.) INNER BUSHES- CAMBER (& CASTER) Precisely adjustable Coil spring models - fit without arm removal. Security of retaining OEM hi-strength forged alloy upper arms. **C217/A,W221,W222,Maybach (W213, C238 See above #503316-2J)**

W213, C238 SAME BUT COMPLETE ARMS - Precisely CAMBER Adjustable (Security OEM design hi-strength forged alloy not welded / fabricated).



1.2°'s POS/NEG



1.5°'s POS/NEG



2.5°'s POS/NEG

#502816 K \$480

#502816-1 i \$345

#502816-2 K \$480

#503316-3 P \$795



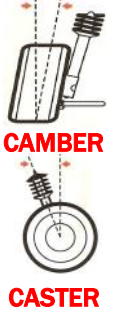
FRONT KITS Incl. all AMG, Black Series (Extraction/ Insertion tubes included) 8

**FIX PREMATURE EDGE TIRE WEAR, STEERING PULL, IMPROVE TRACTION
REDUCE DIVE / LIFT UNDER BRAKE/ACCELERATION, IMPROVE HI-SPEED CONTROL**

*** Factory (Front Only) Offset bolts provide minimal 0.3 deg. and inaccurate having one offset position**

Incl. all Airmatic, ABC, 4 Matic BUSHINGS also 2 axis / Mono Ball where applicable

2010-2018 W212, E200-550, E63, E65 AMG C218, CLS 250-500
 •OR Budget Priced (Camber Only) Pair. less then cost of 1 performance tire.
 W212, C218 4MATIC (incl. C63, 65. E63, 65)
 C218 CLS 550, 63, 65 AMG
 •OR Budget Priced (Camber Only) Pair.
 •OR Budget Priced (Camber Only) Pair.



FRONT ULTIMATE "LOWER ARMS" ADJ. BUSHES- CAMBER (& CASTER)
Nothing comes close - Price, Strength, Range, Ease adjustment.
 KMAC unique patented design single wrench precise adjustable (accurately under load). **Replacing same time the highest wearing bushes.** With twice the load bearing area Mono ball / 2 axis Caster bushings - Significant improvement to brake and steering response.

*** ALSO ADDITIONAL (Coil Spring Models) REPLACEMENT "STRUT TOP MOUNTS" Precise Camber & Caster Adjustable (up to 3.0 degrees) RACE DAYS More traction (Increase Neg. Camber / Reduce understeer)**

*** These models are STRUT (no upper wishbone) suspension**

STAGE 2 (STREET / RACE) KMAC unique Pat design. Quickest / Biggest adjustment. Adjust from engine bay (with strut brace fitted). More even tire wear, traction. Or Track days up to 3.0 degrees extra Neg. to reduce understeer - deeper into corners with increased traction, braking response. Unlike other brands not steel or soft billet alloy but very highest aircraft 7075 aluminum. Extra H/Duty spherical bearings PTFE lined. Encased in elastomer for day to day commuting. Then massive 85mm diam. fully sealed separate thrust bearings for steering loads. Fits with OEM diam. springs or

Also STAGE 3 (FULL RACE). . . . Same Stage 2 but without elastomer. No flex - Tauter / Quicker response times, More effective shock control. Includes Extra H/Duty self align spherical bearings (Self lubed / PTFE lined).



1.5°'s POS/NEG



3.0°'s POS/NEG



3.0°'s POS/NEG

#502916 K \$480
 #502916-1i \$345
 #503616 K \$480
 #503616-1i \$345
 #503116 K \$480
 #503116-1i \$345

'K' (Set 4)
 'i' (Set 2)

Stage 2 (Strut)
 #502916-2 L \$545

Stage 3 (Strut)
 #502916-3 L \$545

REPLACEMENT "STRUT TOP MOUNTS" Precise Camber (& Caster) incl. AMG A45
 2018-2023 W177/A35/45/S, C118 (CLA), 247B/X GLA **STAGE 2 (Street/Race)**
STAGE 3 (Full Race)
 2012-2020 W176/A45, C117 CLA, 246(B), X156 GLA **STAGE 2 (Street/Race)**
STAGE 3 (Full Race)



STAGE 2 (STREET / RACE) KMAC unique Pat design. Quickest / Biggest adjustment. Adjust from engine bay (with strut brace fitted). More even tire wear, traction. Or Track days up to 3.0 degrees extra Neg. to reduce understeer - deeper into corners with increased traction, braking response. Unlike other brands not steel or soft billet alloy but very highest aircraft 7075 aluminum. Extra H/Duty spherical bearings PTFE lined. Encased in elastomer for day to day commuting. Then massive 85mm diam. fully sealed separate thrust bearings for steering loads. Fits with OEM diam. springs or all brands Coil overs 60-70mm ID.

Also STAGE 3 (FULL RACE). . . . Same Stage 2 but without elastomer. No flex - Tauter / Quicker response times, More effective shock control. Includes Extra H/Duty self align spherical bearings (Self lubed / PTFE lined).

ALSO MANUFACTURED. - STREET / PERFORMANCE OR TRACK DAYS
 2012-2020 W176(A), W246(B), C117(CLA), X156(GLA), incl. AMG
 (In the pursuit of front row of the grid lap times)

FRONT LOWER CONTROL ARM BUSHINGS "EXTRA" Neg. Camber and Pos. Caster.... Precisely adjustable with twice load bearing area. Up to 2 extra deg Neg. Camber and 40mm extra track width. Significantly reducing understeer, allowing to go deeper into corners with improved traction and braking and steering response. As with all KMAC kits bush extraction tools included.



3.0°'s POS/NEG



3.0°'s POS/NEG



2°'s POS/NEG

#506216-2 L \$545
 #506216-3 L \$545
 #506116-2 L \$545
 #506116-3 L \$545

#506116-4 L \$545

REAR CAMBER (& EXTRA TOE) LOWER ARMS BUSH KIT Page 14
REAR TRAIL ARM FRONT BUSHES—Contain side load / G forces
 Specially designed to enhance cornering stability. Also tauter response,
 less rear end flex, increase traction. Page 14
REAR UPGRATED BUSHES (8) - with above kits eliminates rear end flex Page 14
REAR UPGRATED BUSHES (8) - with above kits eliminates rear end flex Page 14



FRONT KITS

Incl. all AMG, Black Series (Extraction/ Insertion tubes included) ⑩
FIX PREMATURE EDGE TIRE WEAR, STEERING PULL, IMPROVE TRACTION
REDUCE DIVE / LIFT UNDER BRAKE/ACCELERATION, IMPROVE HI-SPEED CONTROL

*** Factory (Front Only) Offset bolts provide minimal 0.3 deg. and inaccurate having one offset position**

Incl. all Airmatic, ABC, 4 Matic [BUSHINGS also 2 axis / Mono Ball where applicable]

1982-2001 W124 / C124(E), R129(SL), W201(190) incl. AMG

FRONT ULTIMATE "LOWER ARMS" ADJUSTABLE BUSHES - CAMBER (& CASTER)

These models have Camber & Caster adjustment. **KMAC kit doubles the existing adjustment range** with twice the load bearing area. Providing also significant improvement to brake and steering response. With KMAC extraction tools are included - allowing to install without need to remove arms from vehicle.

*** COIL SPRING MODELS - ADDITIONAL ADJUSTMENT REPLACEMENT "STRUT TOP MOUNTS"**

Precise Camber & Caster Adjustable (up to 2.5 degrees) EXCL.W201

RACE DAYS More traction (Increase Neg. Camber / Reduce understeer)

*** These models are STRUT (no upper wishbone) suspension**
STAGE 2 (STREET / RACE) Featuring very latest design upgrades . . .
 Allows even more Camber and Caster adjustment - less understeer for Race / Competition. KMAC patented design biggest (and quickest) adjustment system (also fits with strut brace). No height increase. Not steel or soft billet alloy but ultimate aircraft 7075 grade aluminum. Similar centers to OEM but elastomer - not rubber for improved steering response. Then massive 85mm sealed radial thrust bearings for steering loads (and prevents spring drag / binding). Designed to fit with OEM diam. springs or all brands of Coil-Overs 60- 70mm I.D. Centers are also replaceable.

CAMBER
CASTER

Also STAGE 3 (FULL RACE) . . .

Same features as above Stage 2 (Street/Race) but without elastomer. No flex - Tauter / Quicker response times, More effective shock control. Includes Extra H/Duty self align spherical bearings (Self lubed / PTFE lined). Centers are also replaceable.



1.5°'s POS/NEG

#501716 J \$380 SRP



2.5°'s POS/NEG

Stage 2 (Strut)
#501716-2 L \$545



2.5°'s POS/NEG

Stage 3 (Strut)
#501716-3 L \$545

1977-1991 W123(E) & 1981-1991 W126(S)

FRONT "LOWER ARMS" ADJUSTABLE BUSH KIT - "CAMBER"

These models have Camber adjustment - KMAC doubles the existing adjustment range. Replacing the 2 front highest wearing bushings with twice the load bearing area of OEM bushes. Allowing significant improvement to brake and steering response.



1.5°'s POS/NEG

#501616 H \$320

1997-2005 SUV W163(M) Incl AMG

FRONT "LOWER ARMS" ADJUSTABLE BUSH KIT - "CAMBER"
 (Replaces front lower inner bush - rear is torsion arm)

Providing Camber adjustment for the 1st. time. Bush Extraction tool included.



1.5°'s POS/NEG

#503916 i \$345

REAR CAMBER (AND EXTRA 'TOE') ADJUSTMENT. Providing rear adjustment also for the 1st time. Similar features to front adjusters. Allowing to change tire contact angles to resolve costly premature edge tire wear / improve traction (with extra toe adjustment to accommodate the new camber facility). Includes bush extraction tool allowing camber fitment on vehicle.

STREET... Through to all the RACE WINNING

ESSENTIALS - Genuine KMAC Don't Be Sold Substitutes

ADJUSTABLE: Bushings, Strut tops, Upper wishbones.

UPRATED: Rear multi link arms & Subframe bushes.



PRECISE ADJUSTMENT BUSHINGS/STRUT TOPS BUSHINGS 3 - 4 times adjustment of the 'one position' fluted bolts
STRUT TOPS Up to 2.5°s "extra" Neg. Camber for Track days or 1° pos.

**SUV
Incl.
AMG**

2019-2023 EQC N293, EQE V294, EQS V297
 2019-2023 W167/X, V167, C293 / GLE / GLS
 2011-2018 W166/X C292 ML / GLE / GLS Lower Arms Camber & Caster
 2006-2011 W164/X ML, W251 R
 1997-2005 W163 ML (Camber only)

FRONT ULTIMATE "LOWER ARMS" ADJUSTABLE BUSHES - CAMBER (& CASTER)...

No adjustment OEM KMAC bushings replace the lower control arm front and rear bushings. **Also bonus of resolving the premature failure of these "costly" rear bushings.** CAMBER to reduce inner edge tire wear / improve traction. The result of curb knock damage, fitting wide profile tires, load carrying or to improve cornering ability (by lowering height vehicle / roll center)! Also CASTER adjustment to correctly resolve steering pull, reduce dive / lift on brake / acceleration, along with better steering response high speed directional control. Bush Extraction and Insertion tools included - no need to remove control arms from vehicle.

"UPPER 'A' Arm" INNER BUSHES (OR EXTRA ADJUSTMENT) - CAMBER (& CASTER)
 Precisely adjustable. Up to 1.5°s Pos. or Neg. Unlike upper welded, fabricated arms- the "security of retaining the OEM high strength forged alloy arms.

W167/X, V167, C293
 W166/X, C292, W251, 164/X



#503416 K \$480
 #504216 P \$480
 #504016 N \$695
 #503816 N \$695
 #503916 i \$345
 'K' (Set 4)
 'N' (Set 4)
 'i' (Set 2)

FRONT CAMBER (& CASTER) ADJUSTABLE BUSH KITS (VITO REAR PAGE 14) Sprinter: (FIT ON VEHICLE - BUSH EXTRACTION TOOL INCLUDED)

2019-2023 W907, W910
 2006-2013 W906 Camber & Caster (4 lower arm bushes)
 1995-2006 W903 Camber & Caster (4 lower arm bushes)

Vito, Metris, Valente:

2014-2023 W447, W448 Top Strut Mounts Camber & Caster kits
 2003-2014 W639 Camber & Caster (4 lower arm bushes only)
 1996-2003 W638 Camber Only (Maxi Camb - See Below)

1998-2020 **A, B, CLA, GLA, AMG** (W168, W169, W176, W246, X156, C117, C118)
 Also See Page 7 Front 'Strut' top adjusters (Rear kits Page 14).
 1996-2003 **Vito** W638
 1996-2023 **Sprinter** W639, W447, W448



#505816 K \$480
 #505716 K \$480
 #505616 K \$480

#506016 L \$545
 #505116 K \$480
 #120216 D \$145

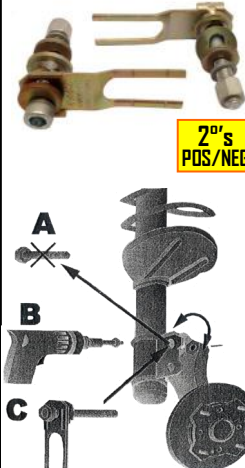
FRONT CAMBER (ONLY) ADJUSTABLE KIT "2 BOLT FLANGE STRUTS" (Patents Pend.)

NEW AT LAST

KMAC Maxi Camb (to fix it right the 1st. time) **SUPERIOR FEATURES THE STRONG ONES**

- ✓ "NO UNDER SIZE" WEAKENED CRANK BOLTS
- ✓ "TWICE" THEIR ADJUSTMENT RANGE !
- ✓ **K-MAC** "NON SLIP" LOCK SYSTEM

Resolving The 3 Issues



NOTE: "CRANK BOLT" DESIGN - Both offsets and downsizes the OEM bolts to allow 2mm of adjustment (e.g. 14mm diameter becomes a offset weakened 12mm bolt). - **THESE 2 BOLTS ARE CRITICAL MOUNTING POINT - HOLDING STUB AXLE / WHEELS ON** and the new car industry is not noted for oversizing componentry - 14mm bolt means 14mm!

REAR
PAGE 15

UPRATED PERFORMANCE BUSHINGS (12) FOR THE '6' MULTI LINK ARMS ACCURATELY LOCATING REAR SUSPENSION AGAINST UNWANTED FLEX / TWITCHING / LOSS OF TRACTION - ESPECIALLY WHEN APPLYING POWER TO LANE CHANGE / OVERTAKE !



REAR KITS Incl. all AMG, Black Series (Extraction/ Insertion tools included) 12

RESOLVE PREMATURE EDGE TIRE WEAR, TRACTION AND REAR END CONTROL ALLOWING ONGOING FULL ADJUSTMENT/ SINGLE WRENCH FOR THE 1st. TIME ESSENTIAL LOWERING, WIDE PROFILE TIRES / WHEELS, CURB KNOCK DAMAGE REPLACING THE HIGHEST WEARING "BUSHINGS" AT SAME TIME

Incl. all Airmatic, ABC, 4 Matic

2019-2023 Electric EQC, EQE, EQS
 2018-2023 AMG GT 4 Door 43, 50, 53, 63, 63S, 63 SE
 2014-2023 W205 (incl. AMG C43, *C63/S), W213, C238, C253/X GLC, C257 CLS
 2014-2023 W205 (not AMG), W213, C238, C253, C257 AMG/Air/4MATIC/E
 W205 (*C63 'S' Coupe) also above *'S' models

* Models with rear lower alloy arms (with inner slot). No OEM adjustment (can purchase one offset shims but with minimal offset 3mm). KMAC provides "precise single wrench adjustment with 4 times adjustment range".

2000-2018 All W204, C207, W212, W215, C218, R231 Incl. AMG / Black
 2015-2020 Maybach
 2006-2020 W216, C217, W221, W222
 2021-2023 W223 (Camber)

REAR **ULTIMATE "LOWER ARMS"** ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) KMAC performance bushings finally allowing precise, single wrench ADJUSTMENT WITH EASY ACCESS (ACCURATELY UNDER LOAD) DIRECT ON ALIGNMENT RACK. Replacing highest wearing bushes at same time. With extra Toe adjustment - to compensate. NOTE: Ultimate "Lower Arm" adjustment retains top of tire to outer fender clearance when adjusting to resolve "inner edge" tire wear. With KMAC bush extraction tool included - Allowing fitment on vehicle.

OR REAR ADJUSTABLE **"UPPER CAMBER ARMS"** (& "EXTRA" TOE). NOT SOFT EXTRUDED ALLOY BUT SECURITY OF HIGH STRENGTH CHROMOLY with proven long term maintenance free performance bushings - Pos. or Neg. adjustment (Main advantage of upper arms is to increase Neg. Camber gain clearance top of tire to outer fender - adjusting to resolve inner wear reduces this clearance).

W204, 205 incl. C63/A/C/S (*'S' Coupe below), C207, W212, 213, C218, 238, 253, 257CLS, R231 (incl. AMG & Black Series)
 * 'S' Coupe - Above Ultimate #502326-1K kit. C217, W222 (2013-20)

2006-2009 W211, C219, R230 "Airmatic/4MATIC incl AMG
 2001-2011 W211, C219, R230 Coil Susp.

REAR **ULTIMATE "LOWER ARMS"** ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Adjusts bottom of tire. (Retains clearance top of tire to outer fender)

REAR ADJUSTABLE **"UPPER CAMBER ARMS"** (& "EXTRA" TOE) Pos. or Neg. Main advantage allow adjust top of tire to increase neg. Camber / gain clearance top of tire to outer fender. **KMAC with or without Airmatic suspension.**

W211, C219, R230 incl. AMG (Airmatic Susp.) (Coil Susp.)
 W216, W221

6/2004-2009 C209 / A (CLK) Incl. AMG (51mm inner bush diam. Lower Arm)
 REAR **ULTIMATE "LOWER ARMS"** ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Adjusts bottom of tire. Same features as above W205 kit.

REAR ADJUSTABLE **"UPPER CAMBER ARMS"** (& "EXTRA" TOE) Pos. or Neg. Same features as above W205 **AMG**

'01-5/2004 C209A (CLK), (33mm bush diam. lower arm)
 2001-2020 R171 (SLK), Incl. AMG. R172 (SLK)

REAR **ULTIMATE "LOWER ARMS"** ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Adjusts bottom of tire (Retains clearance top of tire to outer fender)

REAR ADJUSTABLE **"UPPER CAMBER ARMS"** (& "EXTRA" TOE) Pos. or Neg. (R172 #502226-1M) **AMG**

2007-2009 C209 (CLK) 'Black' Series (33mm outside diam. Lower Arm/Inner)
 REAR **ULTIMATE "LOWER ARMS"** ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Adjusts bottom of tire. (Retains clearance top of tire to outer fender)

C209 Black Series
 REAR ADJUSTABLE **"UPPER CAMBER ARMS"** (& "EXTRA" TOE) Same features as above W205

**COIL/4MATIC
 Coil Susp.
 AIRMATIC**



#502326 K \$480
 #502226-1K \$480
 #502226 K \$480
 #502326 K \$480
 #502326-1K \$480

#502126 K \$480
 #502626 K \$480
 #502626 K \$480
 #502626-1K \$480
 'K' (Set 4)

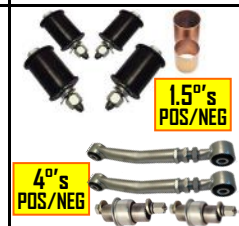
**ALSO PAGE 15 - UPRATED BUSHES
 THE '6' REAR MULTI LINK ARMS**
 Less Twitch, Flex, Loss of Traction
 Especially When Applying Power to
 Lane Change / Overtake



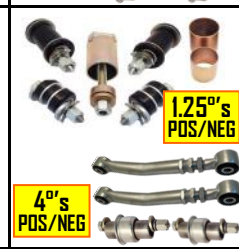
#502226-1 M \$595
 #502226-5 M \$595



#502526 K \$480
 #502126-1K \$480 (Set 4)
 #502526-1 M \$595
 #502526-2 M \$595
 #502226-1 M \$595 (Set 4)



#501926 K \$480 (Set 4)
 #501526-1 M \$595
 #501526-2 M \$595 (Set 4)



#502026 H \$320
 #502026 H \$320 (Set 4)
 #501526-1M \$595
 #501526-2M \$595 (Set 4)



#501526 J \$380 (Set 4)
 #501526-2 M \$595 (Set 4)

STREET.... Through to all the RACE WINNING

ESSENTIALS - Genuine KMAC Don't Be Sold Substitutes






ADJUSTABLE: Bushings, Strut tops, Upper wishbones.

UPRATED: Rear multi link arms & Subframe bushes.



**PRECISE
ADJUSTMENT**

REAR BUSHINGS – Camber (and “extra” Toe) adjustment

<p>2004-2007 W203(C) Incl. AMG From Chassis 'A'555897, 'F'457375, R'131145 (51mm diam. Lower Arm/Inner bush) REAR ULTIMATE “LOWER ARMS” ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) KMAC unique patented design performance bushings finally allowing precise, single wrench adjustment with easy access (accurately under load) direct on alignment rack. Replacing highest wearing. Also includes Toe adjustment - doubling the existing adjustment range to compensate for the new Camber addition. Lower arm adjustment retains top of tire to outer fender clearance when adjusting to reduce “inner edge” tire wear. With KMAC bush extraction tool included - Allowing Camber bushings to be replaced on vehicle. REAR ADJUSTABLE “UPPER CAMBER ARMS” Main reason for fitment upper arms is to increase Neg Camber & gain clearance top of tire to outer fender. With KMAC not soft extruded aluminum but the strength / security of chromoly steel tubular arms and performance bushings proven long term maintenance free. INCLUDED: Essential TOE adjustment - to compensate for the new Camber facility. Easy to install - Replacing and doubling the existing Toe adjustable bushes.</p>	 <p>1.5" s POS/NEG</p> <p>6" s POS/NEG</p>	<p>#501926 J \$380 (Set 4)</p> <p>#501526-1M \$595 (Set 4)</p>
<p>2000-2004 W203(C) Incl. AMG Prior to above (#501926J Chassis #'s) Early 2000 - 2004 (33mm diam. Lower Arm/Inner) REAR ULTIMATE “LOWER ARMS” ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Same features as in above W203 Adjusts bottom of tire. (Retains clearance top of tire to outer fender) REAR ADJUSTABLE “UPPER CAMBER ARMS” (TOE adjustment also included) Adjusts top of tire. Same features as in above #501526-1M AMG</p>	 <p>1" s POS/NEG</p> <p>6" s POS/NEG</p>	<p>#502026 H \$320 (Set 4)</p> <p>#501526-1M \$595 (Set 4)</p> <p>#501526-2M \$595</p>
<p>1982-2010 W124(C(E), R129(SL), R170(SLK), W201(190), W202(C), C208, *A208(CLK), W210(E) Incl. AMG REAR ULTIMATE “LOWER ARMS” ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Same features as in above W203. Adjusts bottom of tire. (Retains clearance top of tire to outer fender) ALSO CHRYSLER CROSSFIRE #502026H (“FRONT” CAMBER & CASTER #502016J) REAR ADJUSTABLE “UPPER CAMBER ARMS” Pos. or Neg. (TOE adjustment also included) Adjusts top of tire. Same features as in above W203 W124/C, R129, 170, W201, 202, C208, 210</p>	 <p>1" s POS/NEG</p> <p>6" s POS/NEG</p>	<p>#502026 H \$320 (Set 4) Also *Convertible #501426 i \$345 (Set 4)</p> <p>#501526-1M \$595 (Set 4)</p>
<p>1991-1999 W140(S), W220 '98-'06 (51mm O.D. Lower Arm/Inner bush) Same features as in above W203 2002-2012 Maybach Same features as in above W203. Adjusts bottom of tire. (Retains clearance top of tire to outer fender)</p>	 <p>1.5" s POS/NEG</p>	<p>#501626 K \$480 (Set 4)</p> <p>#501726 J \$480 (Set 4)</p>
<p>1968-1991 R107(SL/SLC), W114(E), W115(D), W116(S), REAR ULTIMATE “LOWER ARMS” ADJ. BUSH KIT - CAMBER (& "EXTRA" TOE) Same features as in above W203. Adjusts bottom of tire. (Retains clearance top of tire to outer fender)</p>	 <p>2" s POS/NEG</p>	<p>#501826 J \$380 (Set 4)</p>

REAR KITS Incl. all AMG, Black Series (Extraction/ Insertion tools included) **14**

RESOLVE PREMATURE EDGE TIRE WEAR, TRACTION AND REAR END CONTROL ALLOWING ONGOING FULL ADJUSTMENT/ SINGLE WRENCH FOR THE 1st. TIME ESSENTIAL LOWERING, WIDE PROFILE TIRES / WHEELS, CURB KNOCK DAMAGE REPLACING THE HIGHEST WEARING "BUSHINGS" AT SAME TIME



Incl. all Airmatic, ABC, 4 Matic

2013-2020 W176/A 45, W246(B), C117 (CLA), X156(GLA) Incl. AMG
REAR ULTIMATE "LOWER ARMS" ADJ. BUSH KIT - CAMBER (& EXTRA TOE)
 Adjusting "bottom" of tire (retaining top of tire to outer fender clearance).

KMAC unique patented design finally allowing precise, single wrench adjustment accurately under load for more even tire wear / traction. **Also includes Toe adjustment - doubling the existing adjustment range to compensate for the new Camber addition.** Bush Extraction & Insertion tools included - Allowing Camber bushings to be replaced on vehicle.

**ALL PART OF A FRONT & REAR TOTAL SYSTEM
 STREET PERFORMANCE...OR TRACK DAYS
 IN THE PURSUIT OF FRONT ROW OF THE GRID LAP TIMES**

1. REAR TRAIL ARM FRONT MOUNT BUSHINGS.

This KMAC unique Mono ball / 2 axis design eliminates the OEM soft rubber and air voids yet allows arms to travel through there required suspension arc without binding / locking up. Twice load bearing area of "spherical" bearings that soon pound out. Result is less rear end flex, wheel tramp, loss of traction and enhanced cornering stability by containing side loads / G Forces.

2. REAR UPATED BUSHINGS (8) - When used in conjunction with above #506126K and #506128K completely replaces the existing OEM soft rubber bushings in rear suspension allowing tauter response by eliminating flex. Result is reduced wheel tramp / loss of traction. Especially when applying power to lane change / overtake.



#506126 K \$480
SRP (Set 4)



#506128 K \$480
(pair)

#506128-1 J \$380
(Set 8)

Vito, Metris, Valente

2014-2023 W447, W448
 2003-2014 W639
 1996-2003 W638

REAR "LOWER ARMS" ADJUSTABLE BUSH KIT - CAMBER (& "EXTRA" TOE)
 No special tools required. Fit on vehicle - bush extraction tool included.



#505226 K \$480
#505126 K \$480
#505126 K \$480
 (Set 4)

2022-2023 W297 EQS

2006 - 2018 W166/X, C292, W164/X, 251 incl. AMG **LOWER ARMS CAMBER ADJUST. BUSHES** (& "EXTRA" TOE) - Replacing same time highest wearing (extraction tool included). Unique patented design easy access, single wrench adjustable. Unlike upper arms retains clearance top of tire to outer fender when adjusting to resolve inner edge tire wear (bush extraction tool included).

2019 - 2023 **SUV** W167/X, C293 incl. AMG
 1997 - 2018 W166/X, C292, W164/X, W251, W163
REAR CAMBER & EXTRA TOE "UPPER ARMS" ADJUSTABLE
 Adjust on vehicle (KMAC Street or Offroad- Not soft extruded aluminum)



#504426 K \$480
#504026 K \$480

#504226 N \$695
#504126 N \$695
 (Set 4)

STREET.... Through to all the RACE WINNING

ESSENTIALS - Genuine KMAC Don't Be Sold Substitutes

ADJUSTABLE: Bushings, Strut tops, Upper wishbones.

UPRATED: Rear multi link arms & Subframe bushes.



PRECISE ADJUSTMENT

REAR BUSHINGS – Camber (and “extra” Toe) adjustment

1997-2005 SUV W163(M) 320-430, 400(CDI) incl. AMG
REAR “LOWER” ARM BUSHES (& EXTRA TOE) - also replacing the highest wearing. Unique patented design easy access, single wrench adjustable. Unlike upper arms retains clearance top of tire to outer fender when adjusting to resolve inner edge tire wear (bush extraction tool included).
REAR CAMBER & EXTRA TOE (UPPER ARMS) ADJUSTABLE
 (KMAC Street or Offroad- Not soft extruded aluminum)



#503926 i \$345
SRP (Set 4)

#504126 N \$695

ALSO MANUFACTURED 1982 - 2023 MODELS

1.

**THE ‘6’ REAR (MULTI LINK) ARMS
 “BUSH UPGRADE”
 (Kit eliminates the soft rubber OEM bushings)
 REAR BUSHES - FULL SET 12**

In the pursuit of front row of the grid lap times
 (use in addition to Camber / Toe kit which is also designed to reduce flex)
 Includes Bush Extraction / Insertion Tubes

- **SIGNIFICANTLY IMPROVES REAR END STABILITY** •

ACCURATELY LOCATES REAR SUSPENSION AGAINST UNWANTED FLEX / TWITCHING - AND SUBSEQUENT LOSS OF TRACTION ESPECIALLY WHEN APPLYING POWER TO LANE CHANGE / OVERTAKE.

Unlike unforgiving short life delrin style bushes or steel spherical bearings that with their wafer thin teflon liners soon pound out, KMAC incorporates all the proven features needed for extended bush life - Maximum diameter, but lightweight alloy casings with bonded elastomer bushings to contain side loads and large load bearing nickel chromed steel inners - What you would expect from a company with over 50 years in bush design technology.



- 1999-2023 W204(C)/X(GLK), W205(C) (incl. C63/S Sedan / Wagon), C207/A(E), W212/S(E), W213/S(E), C218(CLS), R231(SL), C238, C253(GLC), C257(GLC) Incl. AMG & ‘Black’ Series
- 2015-2023 C63/S Coupe - The 2 lower forward facing thrust arm bushes only (all other ‘8’ bushes OEM are uprated).
- 2000-2020 W215(CL), W216(CL), W220(S), W221(S),
- 2013-2020 C217/A(S), W222(S), Maybach
- 2001-2010 W211 / S(E), W219(CLS) Incl. AMG
- 2001-2011 R230(SL)
- 1991-2012 W140(CL), Maybach (‘97-‘12)
- 1982-2020 C124(E), R129(SL), W201(190), W202(C), W203(C), C208/A(CLK), C209/A(CLK), W210(E), R170(SLK), R171(SLK), R172(SLK) ALL AMG & ‘Black’ Series

#502628 K \$480
#502628-1F \$220

#502828 K \$480
#502928 K \$480

#502528 K \$480

#502428 K \$480

#502728 K \$480

#501528K \$480
#501528-1K \$480



#503028 Q \$890

#503228 J \$380

2.

W204/X Incl. AMG/Black REAR (4) SUBFRAME BUSHES
 Also designed as above, to replace the soft rubber, air voided OEM bushings to resolve unwanted rear end flex / twitching. With KMAC no need for time consuming fabrication of tools for removal - Extraction tools are included!

PRODUCT BACKGROUND RE KMAC BUSHINGS

56 Years Market Leadership - Through Innovation - Not Imitation

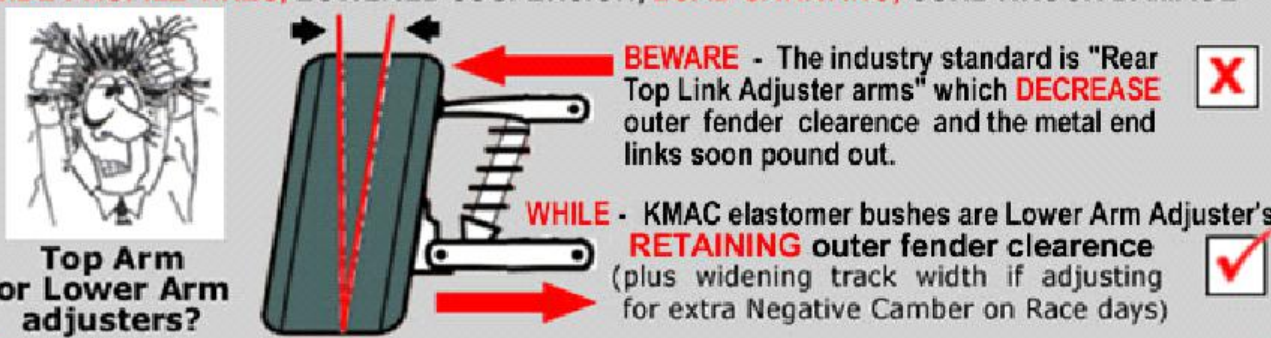
- ◆ **KMAC BUSHINGS SIMPLY REPLACE** and overcome the premature failure of existing OEM bushings, which can cause suspension sag, rattles, squeaks, and resultant loss of brake, traction and steering response. All kits are supplied with bush extraction/insertion tubes and instructions.
- ◆ **OEM rubber bushes use air voids** for “two-axis” movement (which is essential as majority today's vehicles have multi link arms with different angle mount points) but the air voids can also reduce steering response, allow shudder, wheel hop and loss of traction under braking and acceleration .
- ◆ **While the majority of aftermarket brands eliminate these air voids**, but in so doing they restrict the two-axis movement which can increase binding, locking up as arms travel through there required suspension arcs. This causing even more severe wheel hop, loss of traction!
- ◆ **KMAC bushes where needed therefore feature a unique “two-axis mono ball” design.** Allowing power to the ground / maximum traction / braking. The KMAC designs also significantly extend wear life having more then twice the load bearing area of OEM bushes. With over 50 years of proven bush design technology means they are noiseless, long term, maintenance free.
- ◆ **Today's Auto's have only Toe 'in' or 'out' - directional adjustment.** This is all dealers or alignment shops can adjust (with broad “in spec” tolerance margins) much to the frustration of owners who then can assume changing tire brands is the solution - that somehow this will alter tire Camber angles! When what is required is full adjustment Front Camber and Caster, Rear Camber (and extra Toe) to fix it right the 1st. time.
- ◆ **With the result - No more ongoing trips to dealers or alignment shops.** KMAC bushes resolving costly, premature edge tire wear, improving traction and steering response. Reduced dive/lift under brake/acceleration and allow “ongoing” adjustment capability to resolve steering pull or curb knock damage. Essential wide-profile Tires, altered height through load carrying, lowering or “Race days”-

WITH ADJUSTMENT BEING JUST A “SINGLE WRENCH”

This KMAC patented invention has revolutionised the industry . . .

Where other brands require the labour intensive shimming of control arms or removal of actual bushings each time, then to reinsert at a different setting - now with KMAC it is done on car, direct on alignment rack (accurately under load). Simply by rotating the bush bolt head to the precise setting required.

WIDE PROFILE TIRES, LOWERED SUSPENSION, LOAD CARRYING, CURB KNOCK DAMAGE



Top Arm or Lower Arm adjusters?

BEWARE - The industry standard is "Rear Top Link Adjuster arms" which **DECREASE** outer fender clearance and the metal end links soon pound out.

WHILE - KMAC elastomer bushes are Lower Arm Adjuster's **RETAINING** outer fender clearance (plus widening track width if adjusting for extra Negative Camber on Race days)

● **COMPETITION PROVEN** ● **BIGGEST ADJUSTMENT** ● **NON SLIP LOCK SYSTEM** ●