

***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
2024**

MERCEDES BENZ

**Incl W205 &
All 4Matics**

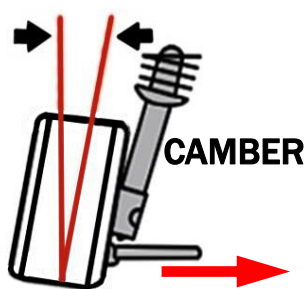
Sedans, Coupes, Wagons, SUV's, AMG / BLACK - Sprinter, Vito

Single wrench
Adjustable

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

Very latest
2024 Upgrades

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



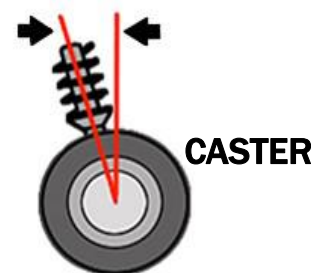
NEW CAR INDUSTRIES BEST KEPT SECRET

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

2

AMG GT 4 Door			
X290 2018 - 2024			
4 Door 43/50/53/63/63S/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 - 2024			
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 - 2024			
B 180 / 200 / 250 / 35 / AMG / 4 MATIC			
CLA Class			
C117, C118 2013 - 2024			
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 - 2024			
C180/ C200/ C220/ C250/ C300/ C350/ C400/ C450			
C220, C250, 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 350/400/500/550. CLS 250/350 CDI / 4MATIC		
CLS 550 4MATIC		CLS 63 / 65 AMG
CLS 350 / 500 / 550. CLS 250 / 350 CDI / 4MATIC		
C257 2018-2024		
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		
E Class		
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 2001 - 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 350/400/ 500 4MATIC		E 63 / 65/S AMG
W213 / S213 / C238 2017-2024		
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 - 2024		
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 - 2024		
GLB 180, 200, 220, 250, 35 AMG 4MATIC		
GLC Class		
C253 / X 2016 - 2024		
GLC 220, 250, 300, 350, 43, 63/S incl. AMG / 4MATIC		
GLE Class		
W166, W167, C292 , C293 2011-2024		
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 - 2024			
GL/GLS 350/400/450/500/550/580/600. 63 AMG 4MATIC			
ML Class			
W163 1997 - 2005			
ML 320		ML 350	ML 430 ML 500
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 - 2024			
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 - 2024			
S 220/ S 350/ S 400 S/ 450/ 480/ 500 / 560			
S 500 / 560 / 580 / 600 / 680 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	SLK 32 AMG
R171 2004 - 2010			
SLK 200	SLK 280	SLK 350	SLK 55 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-'24 Incl. AMG, Black Series

3

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

PAGE

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

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, E200 - 550, E63, E65/S AMG	C218 CLS 250 - 550, 63, 65 AMG	#502916 M	\$595		
8	'10-'18 W212, C218 4MATIC		#503616 M	\$595		
● Also Adjustable Strut Top Mounts - If Coil Spring Suspension		Stage 2 (Street/Race)	#502916-2L	\$545		
** ALSO UPPER ADJUSTABLE WISHBONE BUSH LISTING - SEE BOTTOM OF PAGE 6 & 7		Stage 3 (Full Race)	#502916-3L	\$545		
7	'15-'24 W205 / A / C / S, **C180 - C350	4MATIC - **C200 - C450 / C43 AMG	#502816 M	\$595		
	'21-'24 W206/e	C63/A/C, 63S AMG	#503416 M	\$595		
		C180 - C300	#503316 M	\$595		
		4MATIC - C200 - C400e / C43 AMG	#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 M	\$595		
	'21-'24 W223, S350-680, AMG 63, Maybach		#503716 P	\$795		
7	'02-'20 R172, W204, C207, AMG, 'Black' (C209 AMG, Black #503516M)	270 - 500 #502216M)	#502616 M	\$595		
	● Also Adjustable Strut Top Mounts - for C209 'Black' Series (only)	Stage 2 (Street/Race)	#502616-2 L	\$545		
		Stage 3 (Full Race)	#502616-3 L	\$545		
	● Also Adjustable Strut Top Mounts - If Coil Spring Suspension	Stage 2 (Street/Race)	#503016-2 L	\$545		
	W204/X, C207/A Incl. AMG, 'Black' Series	Stage 3 (Full Race)	#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 #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 (all incl. AMG C43 *C63/S) W213, C238, 253, 257 (#502226K)	AIRMAATIC	#502326 K	\$480		
12	'14-'24 W205 (*C63/S Coupe) and all above AMG & GT 4 Door		#502326-1K	\$480		
	'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		#502026 H	\$320		
	(300C, Charger #502726 K)	*A208 Convertible	#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 **W167 / X, V167 GLE/GLS, C293		11	#504216 P \$795	14	#504226 N \$695	REAR Bushings and / or Upper Arms (Page 14)
**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			Also see Page 11 (Front Camber ONLY)
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		11	#506016 L \$545	14	#505226 K \$480	Have Rear Toe. KMAC provides also Camber & doubles Toe adjustment range.
Metris W639 ('03-'14) Lower arm bushes Camber & Caster			#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		12	#506216-2 L \$545			
(Precise Camber & Caster) STAGE 2 (STREET/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		8	#506116-2 L \$545			
(Precise Camber & Caster) STAGE 2 (STREET/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	14	#506126 K \$480	
REAR ('13-'20) lower arm Camber (& extra Toe) bushes.					#506128 K \$480	
Trail Arm front bushes - Contain side load / G Forces					#506128-1J \$380	
Upated bushes (8) - With above kits eliminates rear end flex.						

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.."
- **S63 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.... you need the new tires when you can see the steel cords about to render the vehicle undrivable from a safety standpoint. You express your displeasure to the service Adviser.... \$2,600 set of tires."
- **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."
- "Have the K-MAC rear kit now for 4-5 years and they've been great. Getting 30K miles where used to be 12K"
- **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 !

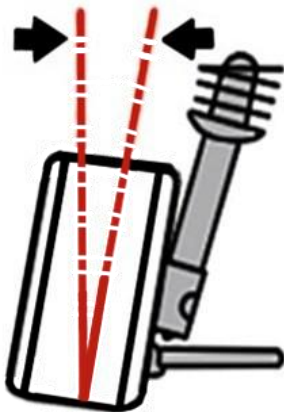
Camber, Caster (and extra Toe)

AUDI TO VOLVO



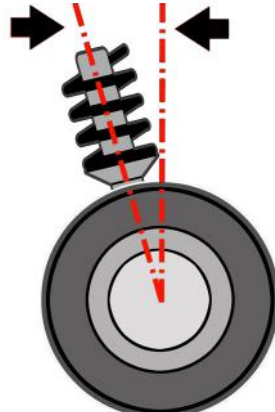
**MAJORITY TODAY'S AUTO'S ONLY HAVE BASIC
'TOE' "Directional Adjustment"**

Even Exotic BMW 'M' / Mercedes 'AMG'



CAMBER Plus CASTER

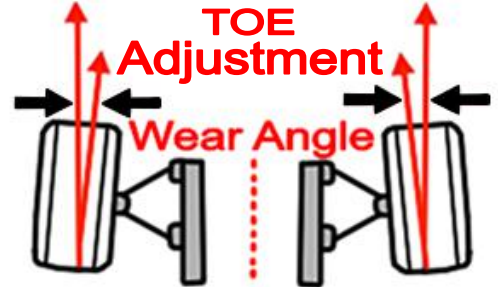
Adjusts tire "contact angle." **Correctly compensates** for costly, premature edge wear / Improves traction.



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

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

ABILITY TO ADJUST TIRE CONTACT ANGLES
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)
Pos. 1° or
Neg. 3.5°

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



**STRUT
TOPS** See Website re all
the KMAC unique features

1968-2024
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 /
fabricated Steel
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 !

CAMBER FRONT Lower Arm Inner
Both mounts precisely single wrench adjustable
accurately under load direct on alignment rack.
Pos. or Neg. 2° (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. 2°s

• 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



Pos. or
Neg. 6°
Cat. Page 12-14

• A,B,CLA,GLASeries Incl.AMG / 45
2012-2024 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

• Upgraded 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

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.



CAMBER



CASTER

*** 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.



2" s POS/NEG



3.0" s POS/NEG



3.0" s POS/NEG

#502616 M \$595
#502616-1i \$345
#503516 M \$595
#503516-1i \$345
#502216 M \$595
#502216-1i \$345
'M' (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)

2018-2024 AMG GT 4 Door 43, 50, 53, 63, 63S, 63 SE
2015-2024 W205(C) C180,C200,C220,C250,C300,C350

OR Budget (Camber only) Pair

4MATIC - C220, C250, 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)



2" s POS/NEG



2" s POS/NEG

#503416-3L \$545
#502816 M \$595
#502816-1i \$345
#503416 M \$595
#503416-1i \$345
#503316 M \$595
#503316-1i \$345

#503316-2 J \$380

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

2021-2024 W206/e 4MATIC - C43 AMG, C200-C400e

OR Budget (Camber only) Pair

C280 - 300

OR Budget (Camber only) Pair

2017-2024 4MATIC - W213, E43/53/63/S, E220-450. C238,C253/X GLC, C257 incl.AMG

2019-2024 EQC N293

OR Budget (Camber only) Pair

2013-2024 W213 E200-350. C217, C253/GLC, C238, C257

OR Budget (Camber only) Pair

•OR PRICED RIGHT "UPPER 'A' Arms" (FOR 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)



2" s POS/NEG



2" s POS/NEG

#503216 M \$595
#503216-1i \$345
#503116 M \$595
#503116-1i \$345
#503416 M \$595
#503416 M \$595
#503416-1i \$345
#503416-1i \$345
#502816 M \$595
#502816-1 i \$345

#503316-2J \$380

2013-2020 W222/S, 63/65. Maybach ('15-'20)

OR Budget (Camber only) Pair

OR PRICED RIGHT "UPPER 'A' Arms" (FOR 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**



2" s POS/NEG

#503016 P \$695
#503016-1M \$595

#502816-2 M \$595



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,E63/65 AMG. C218,CLS 250-550,63/65 AMG

•OR Budget Priced (Camber Only) Pair. less then cost of 1 performance tire.

W212, C218 4MATIC (incl. C63, 65. E63, 65)

•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 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).

REPLACEMENT "STRUT TOP MOUNTS" Precise Camber (& Caster) incl. AMG A45

2018-2024 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)



CAMBER

CASTER

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.

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 UPRATED BUSHES (8) - with above kits eliminates rear end flex

Page 14

REAR UPRATED BUSHES (8) - with above kits eliminates rear end flex

Page 14



12" POS/NEG



3.0" POS/NEG



3.0" POS/NEG



3.0" POS/NEG



3.0" POS/NEG



2" POS/NEG

#502916 M \$595

#502916-1i \$345

#503616 M \$595

#503616-1i \$345

'M' (Set 4)

'i' (Set 2)

Stage 2 (Strut)

#502916-2 L \$545

Stage 3 (Strut)

#502916-3 L \$545

#506216-2 L \$545

#506216-3 L \$545

#506116-2 L \$545

#506116-3 L \$545

#506116-4 L \$545

STREET.... Through to all the RACE WINNING








ESSENTIALS - Genuine KMAC Don't Be Sold Substitutes

ADJUSTABLE: Bushings, Strut tops, Upper wishbones.

UPDATED: 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 3's "extra" Neg. Camber for Track days or 1° pos. Caster

<p>2000-2020 W203/A, W211, C209 (CLK 270 - 500), C219, R171, R230, R231 •OR Budget Priced (Camber Only) less then cost of 1 performance tire. (W211 4MATIC #502416M *see below) FRONT ULTIMATE "LOWER ARMS" ADJUSTABLE BUSHES - CAMBER (& CASTER) Nothing comes close - Price, Strength, Range, Ease of adjustment. KMAC unique patented design single wrench precisely adjustable bushings (accurately under load). Replacing same time the highest wearing bushes. Twice the load bearing area Mono ball / 2 axis Caster bushings - Significant improvement to brake and steering response. OR PRICED RIGHT "UPPER 'A' Arms" (FOR EXTRA ADJ.) INNER BUSHES - CAMBER (& CASTER) Excl. R171, W203 precisely adjustable (Fast fit on "vehicle" - Extraction tool included) Security of retaining OEM hi-strength forged alloy upper arms.</p>	 <p>2°'s POS/NEG</p>	<p>#502216 M \$595 #502216-1i \$345 'K' (Set 4) 'i' (Set 2)</p>
<p>2006-2014 W216(CL), W221(S) Incl. AMG (4MATIC *See below) FRONT ULTIMATE "LOWER ARMS" ADJUSTABLE BUSHES - CAMBER (& CASTER) (Same features as above R171, W203 etc) * Replacing Same Time the 4 Front highest wearing Bushes •OR PRICED RIGHT "UPPER 'A' Arms" (FOR EXTRA ADJ.) INNER BUSHES - CAMBER (& CASTER) precisely adjustable (Fast fit on "vehicle" - Extraction tool included) Security of retaining OEM hi-strength forged alloy upper arms. W221</p>	 <p>2°'s POS/NEG</p>	<p>#502316 M \$595 (Set 4) #502316-1i \$345 (Set 4) #503316-2J \$380 (Set 4)</p>
<p>2000-2006 W215(CL), W220(S) Incl. AMG (4MATIC *See below) FRONT ULTIMATE "LOWER ARMS" ADJUSTABLE BUSHES - CAMBER (& CASTER) (Same features as above R171, W203 etc) * Replacing Same Time the 4 Front highest wearing Bushes •OR Budget Priced (Camber Only) less then cost of 1 performance tire</p>	 <p>2°'s POS/NEG</p>	<p>#502516 M \$595 (Set 4) #502516-1i \$345 (Set 2)</p>
<p>*1995-2009 4MATIC - W211/S(E), W215(CL), W216(CL), 220(S), W221(S) Incl. AMG FRONT "LOWER ARMS" ADJUSTABLE BUSH KIT - CAMBER (& CASTER) (Same features as above R171, W203 etc) * Replacing Same Time the 4 Front highest wearing Bushes •OR Budget Priced (Camber Only) less then cost of 1 performance tire</p>	 <p>2°'s POS/NEG</p>	<p>#502416 M \$595 (Set 4) #502416-1i \$345 (Set 2)</p>
<p>1995-2003 W210(E) Incl. AMG FRONT "LOWER ARMS" ADJUSTABLE BUSH KIT - CAMBER (& CASTER) (Same features as above R171, W203 etc) * Replacing Same Time the 4 Front highest wearing Bushes •OR Budget Priced (Camber Only) less then cost of 1 performance tire</p>	 <p>2°'s POS/NEG</p>	<p>#502116 K \$480 (Set 4) #502116-1i \$345</p>
<p>1993-2009 R170(SLK), W202(C), C208/A (CLK) * FRONT "LOWER ARMS" ADJUSTABLE BUSH KITS - CAMBER (& CASTER) Incl. AMG * Replacing Same Time the 4 Front highest wearing Bushes * ALSO CHRYSLER CROSSFIRE (ALSO REAR CAMBER & TOE #502026H) •OR Budget Priced (Camber Only) less then cost of 1 performance tire</p>	 <p>2°'s POS/NEG</p>	<p>#502016 J \$380 (Set 4) #502016-1i \$345 (Set 2)</p>
<p>1991-1999 W140(S), Maybach ('1997-'2012) FRONT "LOWER ARMS" ADJUSTABLE BUSH KIT - CAMBER (& CASTER) These models have Camber & Caster adjustment. KMAC kit doubles the existing adjustment range with twice the load bearing area (same features as above bush kits).</p>	 <p>2°'s POS/NEG</p>	<p>#501916 K \$480 (Set 4)</p>



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.

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.



2°'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.



2°'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.



2°'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**

2019-2024 EQC N293, EQE V294, EQS V297
 2019-2024 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 (FOR 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 M \$595
 #504216 P \$795
 #504016 N \$695
 #503816 N \$695
 #503916 i \$345
 'P' (Set 4)
 'M' (Set 4)
 'N' (Set 4)
 'i' (Set 2)



#504216-2 M \$595
 #504016-2 M \$595

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

2019-2024 W910 Adjustable top strut mounts Camber & Caster
 2006-2018 W906 Camber & Caster (4 lower arm bushes)
 1995-2006 W903 Camber & Caster (4 lower arm bushes)
 1996-2024 W903, W910 Camber Only (Maxi Camb - See Below)

Vito, Metris, Valente:

2014-2024 W447, W448 Top Strut Mounts Camber & Caster kits
 2003-2014 W639 Camber & Caster (4 lower arm bushes)
 1996-2014 W638, W639 Camber Only (Maxi Camb - See Below)



#505816 L \$545
 #505716 M \$595
 #505616 M \$595

2°s
POS/NEG

2°s
POS/NEG

#506016 L \$545
 #505116 M \$595
 #120216 D \$145

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**).
 1996-2024 **Vito** W638, W639, W447, W448
 1996-2024 **Sprinter** W903, W906, W910

"2 BOLT FLANGE STRUTS"

FRONT "CAMBER" (Patented Design)

**NEW
AT LAST**

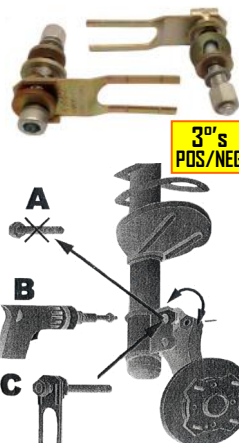
KMAC Maxi Camb
 (fix it right the 1st. time)

THE STRONG ONES....

Resolving
The 3
Issues

- ✓ **"NO UNDER SIZE"** WEAKENED CRANK BOLTS
- ✓ **"TWICE"** ADJUSTMENT (3°s POS. OR NEG).
- ✓ **K-MAC** "NON SLIP" LOCK SYSTEM

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!



#120216 D \$145
 #120216 D \$145
 #120316 D \$145

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

2019-2024 Electric EQC

- 2018-2024 AMG GT 4 Door 43, 50, 53, 63, 63S
- 2014-2024 W205 (all incl. AMG C43, *C63/S), W213, C238, C253/X GLC, C257 CLS incl 4MATIC
- 2014-2024 W205, W213, C238, C253, C257
- 2014-2024 W205 (C63 'S' * Coupe) kit also eliminating Toe flex.
- 2014-2024 W213, C238, C253 AMG / S Models

- Also No flex Toe arms see Page 15 #3

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, C218, R231 Incl. AMG / Black (Also No flex Toe arms see Page 15 #3)

2015-2020 Maybach

2006-2020 W216, C217, W221, W222

2021-2024 W223, S350-680, AMG 63. Maybach

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) C217, W222 (2013-20)

* 'S' Coupe - #502326-3M \$595.

3" s POS/NEG
4" s POS/NEG
3.5" s POS/NEG



#502326 K \$480
#502326-2K \$480
#502226 K \$480
#502326 K \$480
#502326-1L \$545
#502326-2K \$480

#502126 K \$480

#502626 L \$545

#502626 K \$480

#503726 L \$545

'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



4" s POS/NEG

#502226-1 M \$595

#502226-5 M \$595

2001-2009 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



3" s POS/NEG

4" s POS/NEG

#502526 K \$480

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

#502526-1 M \$595

#502526-2 M \$595

#502226-1 M \$595 (Set 4)

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**



3" s POS/NEG

4" s POS/NEG

#501926 K \$480 (Set 4)

#501526-1 M \$595

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

'01-5/2004 C209/A (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**



2" s POS/NEG

4" s POS/NEG

#502026 H \$320

#502026 H \$320 (Set 4)

#501526-1M \$595

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

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



2" s POS/NEG

4" s POS/NEG

#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)</p> <p>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.</p> <p>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.</p> <p>INCLUDED: Essential TOE adjustment - to compensate for the new Camber facility. Easy to install - Replacing and doubling the existing Toe adjustable bushes.</p>	 <p>3°'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)</p> <p>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>REAR ADJUSTABLE “UPPER CAMBER ARMS” (TOE adjustment also included) Adjusts top of tire. Same features as in above #501526-1M AMG</p>	 <p>2°'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</p> <p>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>ALSO CHRYSLER CROSSFIRE #502026H (“FRONT” CAMBER & CASTER #502016J)</p> <p>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>2°'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</p> <p>2002-2012 Maybach 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>#501626 J \$380 (Set 4)</p> <p>#501726 K \$480 (Set 4)</p>
<p>1968-1991 R107(SL/SLC), W114(E), W115(D), W116(S),</p> <p>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 "TOE ADJUSTABLE" 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

2014-2024 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)

2022-2024 W293 EQC

2006 - 2018 W166/X, C292, W164/X, W251 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 - 2024 **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)



#502326 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 - 500 (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 J \$380
SRP (Set 4)

#504126 N \$695

ALSO MANUFACTURED 1982 - 2024 MODELS

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.

1999-2024 **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

2015-2024 **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

(‘07-‘14) **W204/X ALL C180-450, C63 AMG, Black Series**

(‘09-‘17) **C207 E200-500, E63, 65/S AMG, 4MATIC**

(‘12-‘18) **C218 CLS 350-550, CLS 63, 65 AMG, 4MATIC**

REAR (4) SUBFRAME BUSHES

Uprated bushes to replace the soft rubber and air voided OEM bushes to resolve unwanted flex / twitching / gain traction. With KMAC no need for time consuming fabrication or tools for removal (Extraction tools included)

REAR (2) DIFF. Bushes

Mono ball / 2 Axis also resolving rear end flex, plus self slligning. (use above Rear Subframe bush tool to remove and replace).



#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

#502326-3J \$380

2.

3.

W205 (Sedan, Wagon), W204, C207, W212, W213, C218, R231, C238, C253, C257 incl. AMG & Black Series

REAR TOE ARMS - Strengthened No Flex - Chromoly tube (use in conjunction lower arm rear Camber & Toe kit to double Toe adjustment range)

PRODUCT BACKGROUND RE KMAC BUSHINGS

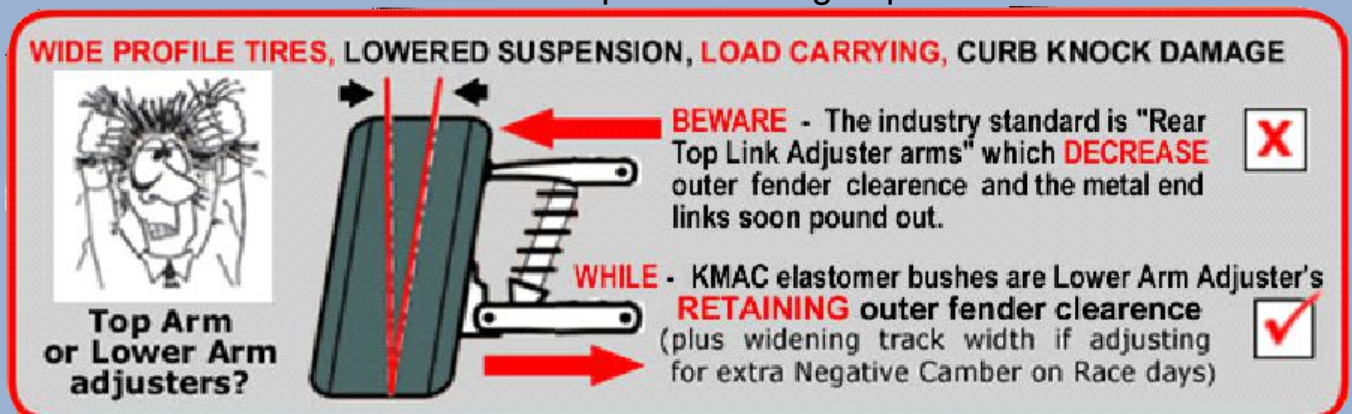
60 Years Market Leadership - Through Innovation - Not Imitation

- ◆ **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.



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