

NOW CAN  
ADJUST TIRE  
'CONTACT'  
ANGLES

# FINALLY FRONT & REAR ONGOING

IMPROVE TRACTION & EDGE TIRE WEAR

## Camber, Caster (and extra Toe) Kits

AUDI TO VOLVO - Including Mercedes 'AMG', BMW 'M'

#503316-2J

Genuine KMAC....

## Front Camber & Caster

Replacing Upper Arm Inner Mount Bushings

W205 (incl. C63/S), W213/S, C238,  
C253, C257, Incl. AMG  
ALL Sedan, Coupe, Wagon

KMAC - Designed To Retain The Existing  
OEM HI-Strength Forged Alloy Arms

\* ADJUSTS "TOP" OF TIRES (Up To 1.5°s Pos or Neg.)

## FITTING PRECISE ADJUSTMENT NO SPECIAL TOOLS REQUIRED

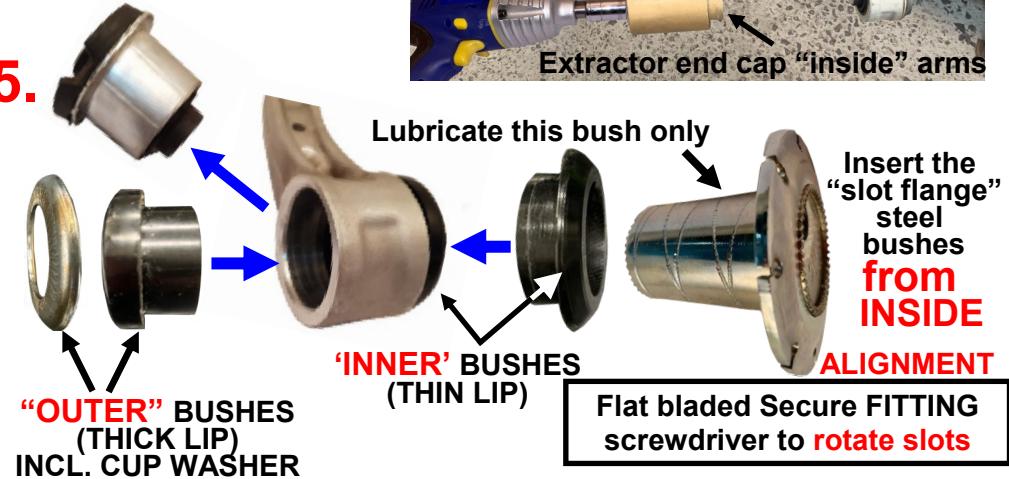
TOOLS: 2/16<sup>mm</sup> Ratchet wrenches, 10<sup>mm</sup> wrench,  
2/17<sup>mm</sup> Sockets, Small vice grips

1. Jack and use "Safety Stands" to support front of vehicle so wheels hang free. Then remove wheels.
2. From "engine bay" remove the 4 nuts (2 either side) that secure the "inner wishbone mounts bolts". Then remove these 2 bolts from each wishbone. **AIRMATIC - Remove strut to aid removal.**

3. Once the 2 inner mount bolts removed - Unclip height sensor from "Upper arm". Then for ease of access to remove OEM bushes **ROTATE ARM OUT AS SHOWN.**

4. Connect bush extraction tool and extract existing bushes as shown

5.



6. Prior to remounting of arms (to aid re insertion of bolts). **Rotate slot flange so "both HOLES have same offset".** Example: Hole fully 'IN' (Max.Pos.)

7. Jack, raise hub assembly so upper arms line up with mounts **ALLOWING NEW KMAC "POINTED" BOLTS TO BE INSERTED** to aid "access / full insertion" clamp small vice grips on bolt shaft and use pry bar side of coil spring as lever (**Airmatic - Insert bolts prior to remounting of strut**).

## WHEEL ALIGNMENT

For access - Jack so wheels on full droop. With nuts loose adjust for:

- Pos. Camber (Hole In) - Offset "Outwards"
- Neg. Camber (Hole Out) - Offset "Inwards"

**(ADJUST "EVENLY" BOTH SLOT FLANGES)**

Lower jack to re check alignment readings  
(adjust Front / Rear mounts to Fine tune Caster)

**\* Also check Toe adjustment \***

**ESSENTIAL - RECHECK / MAKE SURE NUTS ARE FULLY TIGHT**  
(Loose Nuts Cause Noise Noticeable Camber Change)

# **"TOTAL SYSTEM"**

**OTHER POPULAR KMAC SUSPENSION  
UPGRADES ALSO MANUFACTURED**

## **FRONT - "LOWER CONTROL ARM" INNER BUSHINGS**

(4 highest wearing) Plus Extra Camber - (Up to 1.5°'s Pos. or Neg.) Precise single wrench to resolve costly premature edge tire wear, improve traction (Track days - further reduce understeer and increase track width).

## **INCLUDED WITH ABOVE - FRONT THRUST ARMS "CASTER"**

**ADJUSTABLE BUSHES** Precisely adjustable - accurately readjusting settings after Camber change. These are also "Monoball" / 2 Axis design".... replacing the OEM oil and air voided bushings. Result is also significantly improved brake and steering response. The unique KMAC design allowing more than twice the load bearing impact area of steel spherical bearings that with their wafer thin Teflon liners soon pound out.

● C63/C, C63S AMG	#503316K
● C300, C400, C450/C45 AMG (4MATIC)	#503416K
● C180, C200, C220, C250, C300, C350	#502816K
● C253/X GLC, C257 CLS AMG (4MATIC)	#503416K
● W213/S, C217/A, C238/A	#502816K

### **NOTE:**

ABOVE "CAMBER" ONLY - QUOTE -1I AFTER ABOVE P/N

## **REAR - Camber (and extra Toe) adjustable Bushings**

lower arm inner. Also precise single wrench easily accessible accurately (under load) direct on alignment rack.

● C63'S Coupe (& AMG - 213, 238, 253, 257)	#502316-1K
● Coil & 4MATIC W205 C43, C63/S (Sedan, Wgn), W213, 238, 253, 257	#502226K
● All above Airmatic	#502326K

## **REAR - Uprated bushings for the '6' Multi Link Arms.**

Significant improvement to rear end stability - less twitch / flex / loss of traction. Especially when applying power to lane change / overtake

All Above #502628K



## **FRONT #503316-2J**

**CAMBER (and CASTER) FOR THE 1st TIME  
ONLY 'TOE' DIRECTIONAL ADJUSTMENT OEM**  
(New Car Industries Best Kept Secret)

## **UPPER WISHBONE INNER BUSHINGS**

(Retains Existing OEM Hi-Strength Forged Alloy Arms)

**W205 (incl. C63/S), W213/S, C238,  
C253, C257, Incl. AMG  
ALL Sedan, Coupe, Wagon**

**\*Also see Rear Page - Lower Arm Adjustable Bushings**

- ✓ **CAMBER & CASTER** - Up to extra 1.5 Pos. or Neg.
- ✓ **RESOLVE** - Costly, premature, edge tire wear
- ✓ **BUSHINGS** - Performance elastomer, not rubber & Twice the load bearing area
- ✓ **INCLUDES** - Bush extraction tool

*Always 1st With The Latest Design Breakthroughs ....*

- WISHBONE:** Precise Ball Joint Adjustment System.
- STRUT(top):** Biggest/Quickest Adjustment System.
- BUSHINGS:** Single Wrench - Precise On Car Adjustment.

**Includina unique KMAC "non-slip" lock system!**

*Actual Inventors/Patentee's - The '3' Basic Suspension Systems*

We do appreciate any ideas to further improve our market leadership!