

NOW CAN  
ADJUST TIRE  
'CONTACT'  
ANGLES

# FINALLY FRONT & REAR ONGOING

IMPROVE TRACTION & EDGE TIRE WEAR

## Camber, Caster (and extraToe) Kits

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

#194516-7i

Genuine KMAC....

## Front Camber & Caster

Replacing Upper Arm Inner Mount Bushings

E70-72, F15/16, F85/86

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

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.

3. Once the 2 inner mount bolts removed -  
"rotate arm" out as shown  
(for ease of access to  
remove OEM bushes)

4. Connect bush extraction  
tool and use impact gun  
to extract existing bushes  
as shown



5. **INSTALL BUSHES:**  
Bushes are labelled → **FRONT (2) (Medium Lip)** **INNER (4) (Thin Lip)** **REAR (2) (Thick Lip)**  
Cup washers to "Outside"  
Lubricate this bush only  
Insert the "slot flange" Steel bushes from INSIDE  
INNER BUSHES THIN LIPS  
ALIGNMENT Flat bladed (Secure fitting) screwdriver to rotate slots  
FRONT BUSHES Radius here  
INNER & REAR "face" of arms (& bush "lips") are Curved. Make sure fully seated

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 bolts to be re inserted.

### 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**  
**For Your Model**

**FRONT** - “**LOWER CONTROL ARM**” INNER BUSHINGS  
(highest wearing) Upgraded performance also  
extra **Camber** adjustable - Precise single  
wrench (Track days further reduce understeer  
and increase track width.)

F01-13, 18 **#194516-1J**  
E70-72, X5/6/M **#193816i**  
F15/16, F85/86, X5/6/M **#193816-5J**

**FRONT THRUST ARMS “CASTER”**  
**ADJUSTABLE BUSHES.** Precisely adjustable -  
accurately readjusting setting  
after **Camber** change.

Also these “**Caster**” bushes are **Mono ball /**  
**2 Axis design** replacing the OEM oil and air  
voided bushings result is also significantly  
improved brake and steering response.

E70-72, F15/16, F85/86 **#193816-4J**  
F01-13, 18 **#194516-2J**

**REAR** - **CAMBER (AND EXTRA TOE) ADJUSTABLE**  
**BUSHINGS.** Also precise single wrench,  
accurately (under load) direct on alignment  
rack. Doubling existing adjustment range.

E70-72, F15/16, F85/86 **#193826K**  
F01-13, 18 **#194526K**



**FRONT #194516-7i**

**FRONT CAMBER (and CASTER) FOR THE 1st TIME**  
**ONLY ‘TOE’ DIRECTIONAL ADJUSTMENT OEM**  
(New Car Industry Best Kept Secret)

**E70-72, F15/16, F85/86**

**UPPER WISHBONE INNER BUSHINGS**  
(Retains Existing OEM Hi-Strength Forged Alloy Arms)

- ✓ **PRECISE ADJUSTMENT** - Up to 1.5°'s Pos. or Neg.
- ✓ **RESOLVE** - Costly, premature, edge tire wear
- ✓ **CAMBER & CASTER** - Positive or Negative
- ✓ **BUSHINGS** - Performance elastomer, not  
rubber & Twice the load bearing area
- ✓ **INCLUDES** - Extraction tool (no arm removal)

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

1. **WISHBONE:** Precise Ball Joint Adjustment System.
  2. **STRUT(top):** Biggest/Quickest Adjustment System.
  3. **BUSHINGS:** Single Wrench - Precise On Car Adjustment.
- Including a 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!