



# ***Caster/Camber Kit***

## ***Part # 2527***

### **I N S T A L L A T I O N   I N S T R U C T I O N S**

#### ***! IMPORTANT !***

***Please read complete Instructions before starting Caster/Camber Kit installation.***

***Make sure you have all the tools for the job!***

***BBK recommends having your car aligned upon completion of this installation.***

#### ***PARTS INCLUDED IN THIS KIT***

- |   |  |
|---|--|
| <input type="checkbox"/> 2 – Polished Aluminum Plates | <input type="checkbox"/> 2 – 5/8 Flat Washers      |
| <input type="checkbox"/> 2 – Steel Strut Mounts       | <input type="checkbox"/> 2 – 5/16 Allen Head Bolts |
| <input type="checkbox"/> 4 – Polyurethane Bushings    | <input type="checkbox"/> 4 – 5/16 Washers          |
| <input type="checkbox"/> 2 – Stud Plates              | <input type="checkbox"/> 6 – M/10 Flat Washers     |
| <input type="checkbox"/> 2 – Bushings Sleeves         | <input type="checkbox"/> 6 – M/10 Nylock Nuts      |

#### ***TOOLS REQUIRED***

- |  |   |
|--|---|
| <input type="checkbox"/> Lug Wrench/Wheel Lock       | <input type="checkbox"/> *Impact Tools  |
| <input type="checkbox"/> Torx (r) Sockets            | <input type="checkbox"/> Floor Jack     |
| <input type="checkbox"/> Metric and American Sockets | <input type="checkbox"/> Jack Stands    |
| <input type="checkbox"/> Assorted Screw Drivers      | <input type="checkbox"/> Wheel Blocks   |
| <input type="checkbox"/> *Bench or Hand Held Grinder | <input type="checkbox"/> Chisel or File |

\*Optional

#### ***INSTALLATION INSTRUCTIONS***

- Step 1*** With the rear wheels securely blocked, raise the front of the vehicle and support chassis securely with jack stands. Using masking or duct tape place one piece on each axis of the Strut Tower/Fender well. Use felt tip pen to mark the location of the strut on the Strut Tower/Fender well. This will enable you to return the strut to approximately the same location.
- Step 2*** Remove the front wheels, disconnect one sway bar end link, remove brake caliper and disconnect ABS line from supports. Place floor jack under the front control arm. Lift arm up until the weight has been taken off the upper strut mount.

#### ***! CAUTION !***

***Do not lift the chassis off the jack stands***

**Step 3** Remove the nut at the top of the strut with an impact wrench or screw driver and open end wrenches. Lower the control arm down slowly, stopping the jack before the coil spring comes out. Then compress the strut and pull it towards you into the fender well.

**! CAUTION !**

*If strut is not easily compressed,  
remove it from the spindle*

**Step 4** Remove stock dust boot and modify using a grinder or delete (**See Photo**). If strut was removed, re-attach to spindle now.

**Step 5** Remove stock upper strut mount and stud plate from car. If the mount is held in place with a rivet it must be drilled out. Using a chisel and hammer or flat file, remove any debris from top strut tower spot welds. This will allow the polished aluminum plate to move freely.

**Step 6** Install bushings and bushings sleeve into steel strut mount. Using 5/16" Allen head bolts, and two 5/16" washer per side, attach assembled strut mount to aluminum plate and attach with washers and nylock nuts. Keep all hardware loose enough for adjustment.

**Step 7** Make sure factory bump stop and modified dust boot are reinstalled if (applicable). Raise control arm while carefully guiding the strut through the strut mount and end link through sway bar hole. Install top urethane bushing, 5/8" flat washer and stock nut and tighten to factory specifications, reconnect sway bar.

**Step 8** Slide strut to approximate original alignment setting using pen markings as a guide. Tighten all hardware securely and check hood clearance by placing clay on strut mount and closing hood slowly.

**! CAUTION !**

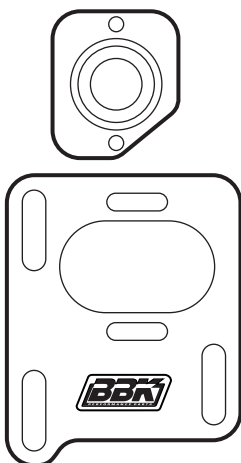
*Do not close hood before checking clearance*

**Step 9** Lower the jack and repeat for the other side. When complete double check that anything that was previously disassembled is tight. Reinstall wheels and torque to factory specs.

**Step 10** Test drive car and check all hardware for tightness.



PASSENGER SIDE



DRIVERS SIDE

