



INSTALLATION INSTRUCTIONS

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4951 ALIGNMENT INSTRUCTIONS 2007 GENERAL MOTORS

Congratulations! You were selective enough to choose a BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.

THIS PROCEDURE MUST BE DONE BY AN AUTHORIZED ALIGNMENT SHOP

- Warning:** Do not work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning:** Do not drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Reminder:** Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note:** It is very helpful to have an assistant available during installation.

RECOMMENDED TOOLS:

- Properly rated floor jack and six & support stands
- Wheel chocks
- Metric socket set
- Metric box wrench set
- Pneumatic die grinder with carbide metal cutting bit
- Pneumatic ½" drive impact wrench
- Scribe
- Safety Glasses

IMPORTANT NOTE:

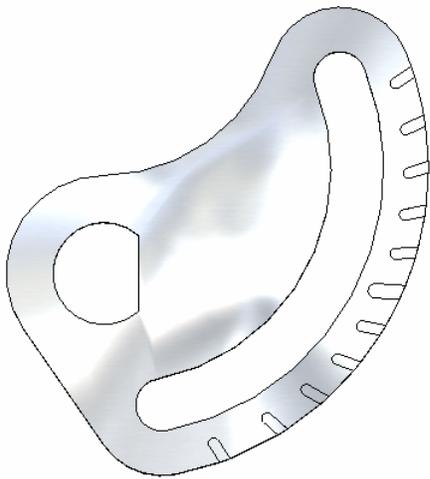
! This process is not normally needed for the Belltech 1" coils and lowering shocks but is recommended for use with the Belltech 2" drop coil springs allowing for additional adjustment to obtain proper alignment.

LENGTHENING THE ALIGNMENT SLOT

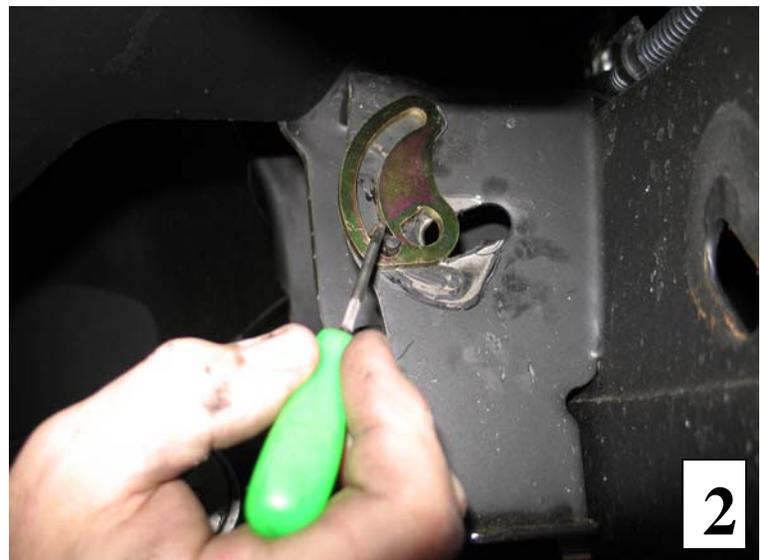
1. Remove the bolts from the upper control arm using a wrench and or socket.
2. Pull the upper control arms down and out of the way to allow for a working area within the slotted holes (photo 1).
3. Insert a BELLTECH CAM over the pin, aligned with the slot locations on the upper control arm mount, scribe a line along the inner bolt mount of the new BELLTECH CAM, (Photo 2). It is helpful to outline the profile so it can be easily followed while cutting (Photo 3). Perform this marking technique on all eight slots as well as on the guide pins, (photo 5).

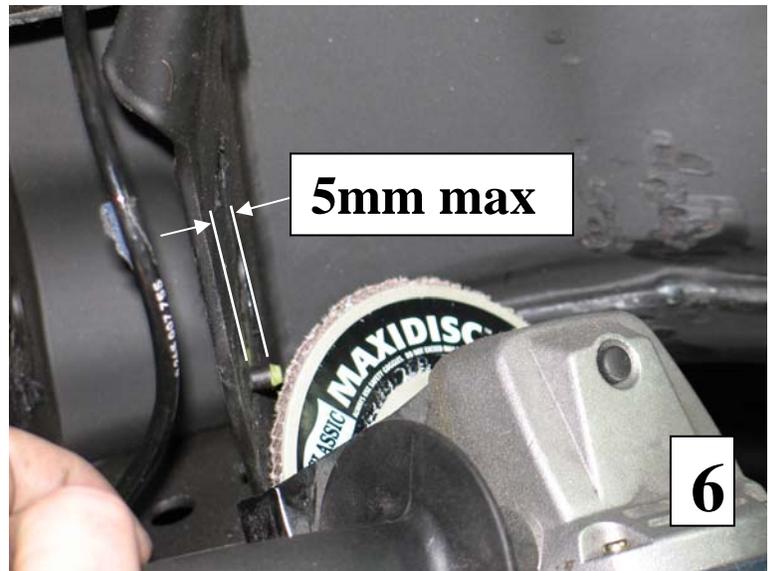
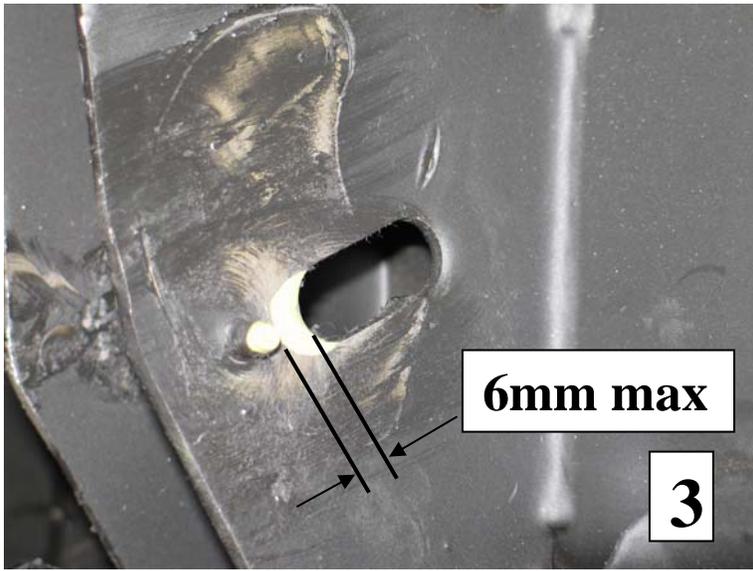
- Using a die grinder and carbide metal cutting bit remove the material outlined as preformed in step 3 (Photo 4,5). Photo 6 also shows proper material removal of the Pin. This will allow a greater movement of travel for the new cam.
- Once all the holes have been slotted remove any burrs then reattach the control arms.
- Install your new BELLTECH CAM. (photo 7). Note, O.E.M. plastic locator can be discarded at this time. (if applicable)
- The new BELLTECH CAM will allow you to adjust an additional 1 deg.

STOCK



BELLTECH







Vehicle Inspection Record

MEASUREMENT INSTRUCTIONS: ON A FLAT SURFACE, MEASURE THE BEFORE-AND-AFTER (INSTALLATION) DISTANCES FROM THE GROUND TO THE FRONT AND REAR CENTER-OF-FENDER WHEEL OPENINGS, AS SHOWN IN FOLLOWING FIGURES. RECORD THESE MEASUREMENTS ON THIS INSPECTION RECORD AND KEEP FOR FUTURE REFERENCE.

OWNER'S NAME: _____

INSTALLATION DATE: _____

VEHICLE INFORMATION:

YEAR/MAKE: _____ LICENSE: _____

MODEL: _____ VIN: _____



| | DISTANCE "D" | |
|-------------|--------------|-------|
| | BEFORE | AFTER |
| RIGHT FRONT | _____ | _____ |
| LEFT FRONT | _____ | _____ |
| RIGHT REAR | _____ | _____ |
| LEFT REAR | _____ | _____ |

PARTS INSTALLED: _____

WHEEL ALIGNMENT NOTES: _____
