



2005-2014 Mustang UPR Extreme Bumpsteer Kit

1. Raise chassis with jack and support with jack stands.
2. Make sure steering wheel is centered and tires pointing forward. Remove front wheels.
3. Pull the cotter pin from the top of the tie rod end and remove the castle nut. Carefully hit the top of the tie rod end with a hammer till it comes out of the spindle.
4. Loosen the jam nut at the inner part of the outer tie rod. Do not back the nut off too far as this will be used to determine a good starting point of the new tie rods.
5. Install studs supplied in the kit through the steering arm of the spindle from the bottom.
6. Raise control arm until the ball joint is 1" higher than the pivot bolts. Now thread on aluminum tie rods onto the inner tie rods to the same point where the stock ones were (apply anti-seize on the threads). Adjust the new tie rod until the toe is at approximately zero. To stop bump steer you must adjust the alignment between the tie rod and the control arm so that they remain as close to parallel as possible throughout their range of motion. Starting with the large spacer supplied, raise the tie rod end until it is parallel as close to possible. Use smaller spacers also if necessary. Install nylock nut and check all other nuts for tightness.
7. A final alignment is necessary for best results.

NOTE: A bumpsteer kit is designed to keep the front wheels pointing straight throughout the range of suspension travel.