



ECGS Rear Axle Bracket Kit for Ford 8.8" differential to 97-06 Jeep TJ INSTALLATION INSTRUCTIONS

Your ECGS TJ Bracket Kit contains:

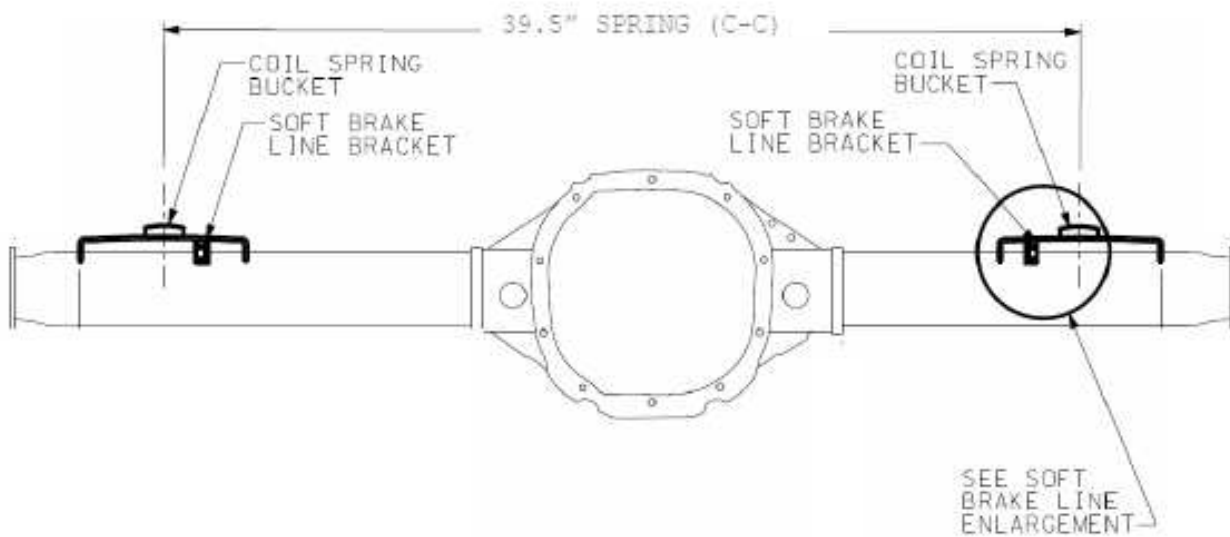
- Left and Right Upper Control Arm Mounts
- Left and Right Lower Control Arm Mounts
- Left and Right Shock Mounts
- Left and Right Sway Bar Mounts
- Two Coil Spring Buckets
- Hardware for Coil Spring Buckets
- Spring Retainer Plates for Coil Spring Buckets
- Trac Bar Tower Mount

Chase's Recommendations:

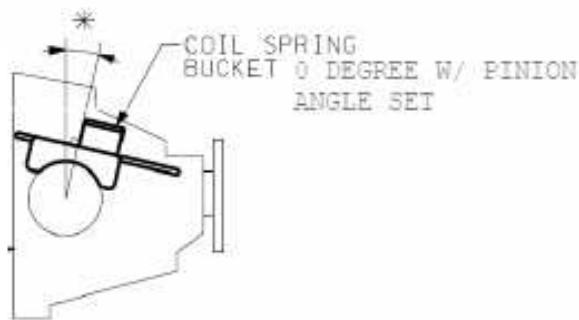
1. Place axle on jack stands and set pinion angle to desired height. The degree angles for the brackets will be correct once the pinion angle has been set. Secure the pinion and axle so it does not move throughout the assembly process - typically 3 jack stands are necessary.
2. Set Spring plates on top of axle and measure approximately 3.25 inches from inside of flange to outside of spring plate on both sides then check that center to center of spring plate is 39.5 inches. Keeping spring plate the same distance on each side from fixed axle flange with **39.5 center to center**. Then Mark this position with a Sharpie - **DO NOT WELD**.
3. Place lowers on axle with outside edge of bracket on the line you drew. Lowers will need to be angled 5 degrees down measured on top flat surface. From Inside of bracket to inside of opposing lower control arm bracket should be **40 3/4**. Lightly tack these brackets. Then double check Angle is 5 degrees on top of lower CA. Inside to inside of bracket is **40 3/4**. and Lowers are the same distance from fixed outside flange of axle on both sides. You can then measure from your old axle lowers center to center for a triple check. If all is correct Weld
4. Place Uppers on axle. Place sway bar bracket curve on tube and flat flush with upper passenger side, push all the way until sway bar bracket butts against casting then push it away 3/16's inch. (Just enough space to get some weld in) Measure from inside of bracket to inside of bracket **24 9/16's**. **Place both uppers leaning forward 5 degrees**. Lightly tack. Check center to center of uppers match from old axle and check that uppers are equal distance from fixed flange. If all is correct Completely weld.
5. Place sway bar mounts on axle and but against uppers so they align with the edge of upper.
6. Replace spring plates. You can place them on the line you drew previously but the bottom nub will interfere with lower a bit. Grind nub off so it sits flush or push out just a bit to clear lower. Check center to center 39.5. Check old axle center to center, check equal distance from fixed flange. Completely weld.
7. Place track bar bracket on axle. Bottom sits parallel with axle and then butts against upper. Weld bottom to tube weld flats to upper, fill gap between upper and tracbar on top. Trac bar bracket should be close to breather hole but not interfere.
8. Shock Mounts from outside of lower to inside of Shock mount is 4.5 inches and placed at 40 degrees. To insure no tube interference and proper shock travel you may want to weld these once axle is installed.

Follow these directions, Double Check everything TWICE, and you will have a clean F8.8. The most Critical measurements are center to center on the uppers and lowers. Make your own measurements on your Model 35 and double check them. If your center to center measurements are correct and equal distant from a fixed point then you will be perfect. Open the below link to see a quick video of a completed Ford 8.8 with ECGS Brackets:

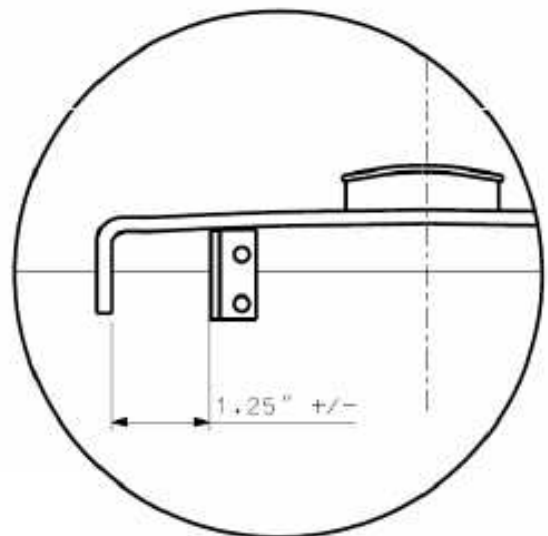
<http://www.youtube.com/watch?v=ssXWzhLwxLg&feature=youtu.be>



REAR VIEW



SIDE VIEW



SOFT BRAKE LINE BRACKET ENLARGEMENT

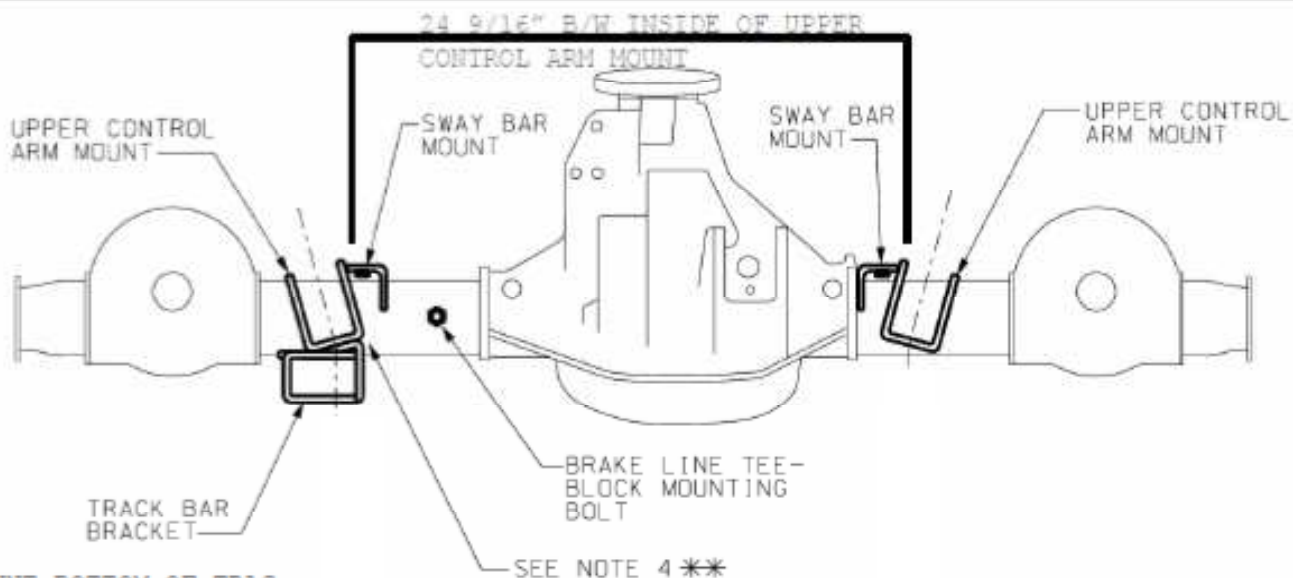


<http://eastcoastgearsupply.com>

97-06 TJ 8.8 REAR END CONVERSION

DISCLAIMER:
 ALL WORK TO BE DONE BY KNOWLEDGED PROFESSIONAL.
 EAST COAST GEAR SUPPLY SHALL NOT BE HELD RESPONSIBLE
 FOR ANY DAMAGES TO THIS KIT OR AXLE DUE TO
 MISINTERPRETATIONS OF THESE PLANS. ORIGINAL AXLE
 DIMENSIONS MAY VARY. THESE PLANS ARE NOT TO SCALE.

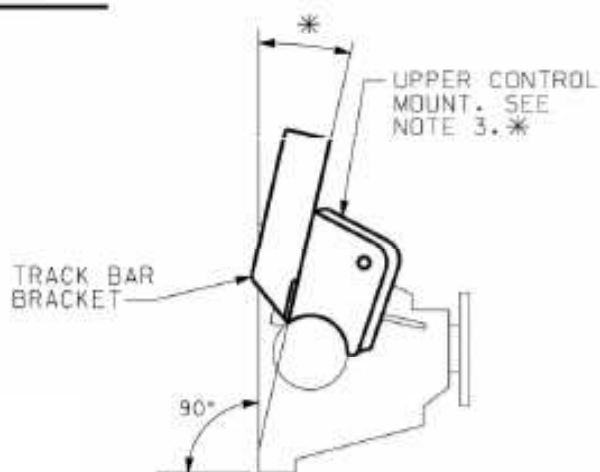
**SHEET
 1 OF 3**



MOUNT BOTTOM OF TRAC BAR BRACKET PARRALLEL TO TUBE

TOP VIEW AT COIL SPRING ANGLE

5 DEGREE TILT ON TRAC BAR AND UPPERS



SIDE VIEW

NOTES:

1. WELD ALL MATING SURFACES
2. SWAY BAR MOUNTS WITH WELDED NUTS TO BE MOUNTED PARRALLEL WITH AXLE TUBES
- * 3. REAR FACE OF UPPER CONTROL ARM MOUNT TO BE 5 DEGREES W/ COIL BUCKET AT 0 DEGREES
- ** 4. TRACK BAR BRACKET TO BE MOUNTED FLUSH TO UPPER CONTROL ARM MOUNT. MAKE SURE AXLE VENT TUBE IS ACCESSIBLE OR WELD SHUT AND RELOCATE

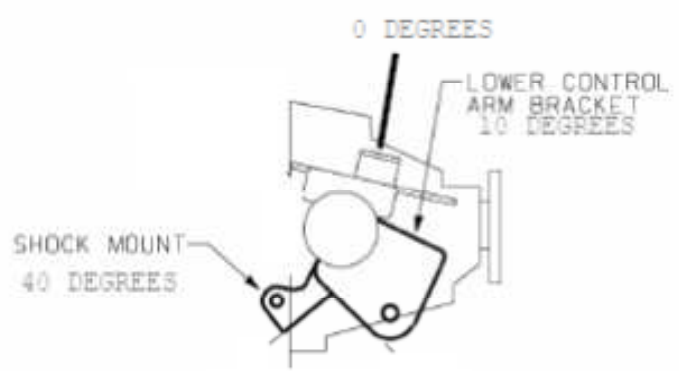
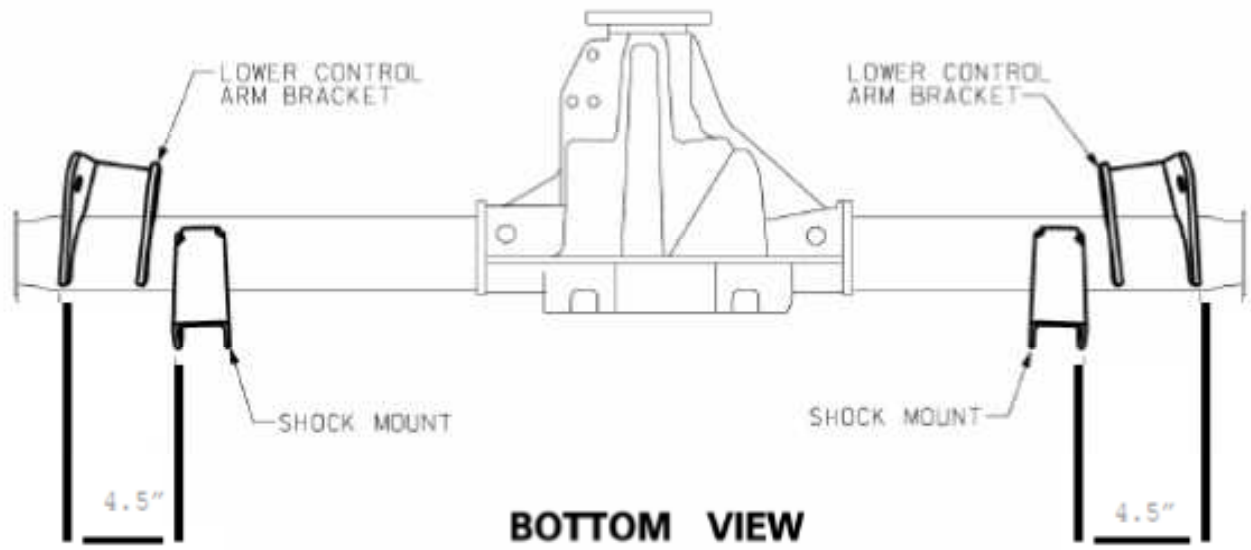


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**SHEET
 2 OF 3**



NOTES:
 1. WELD ALL MATING SURFACES.

SIDE VIEW



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**SHEET
 3 OF 3**