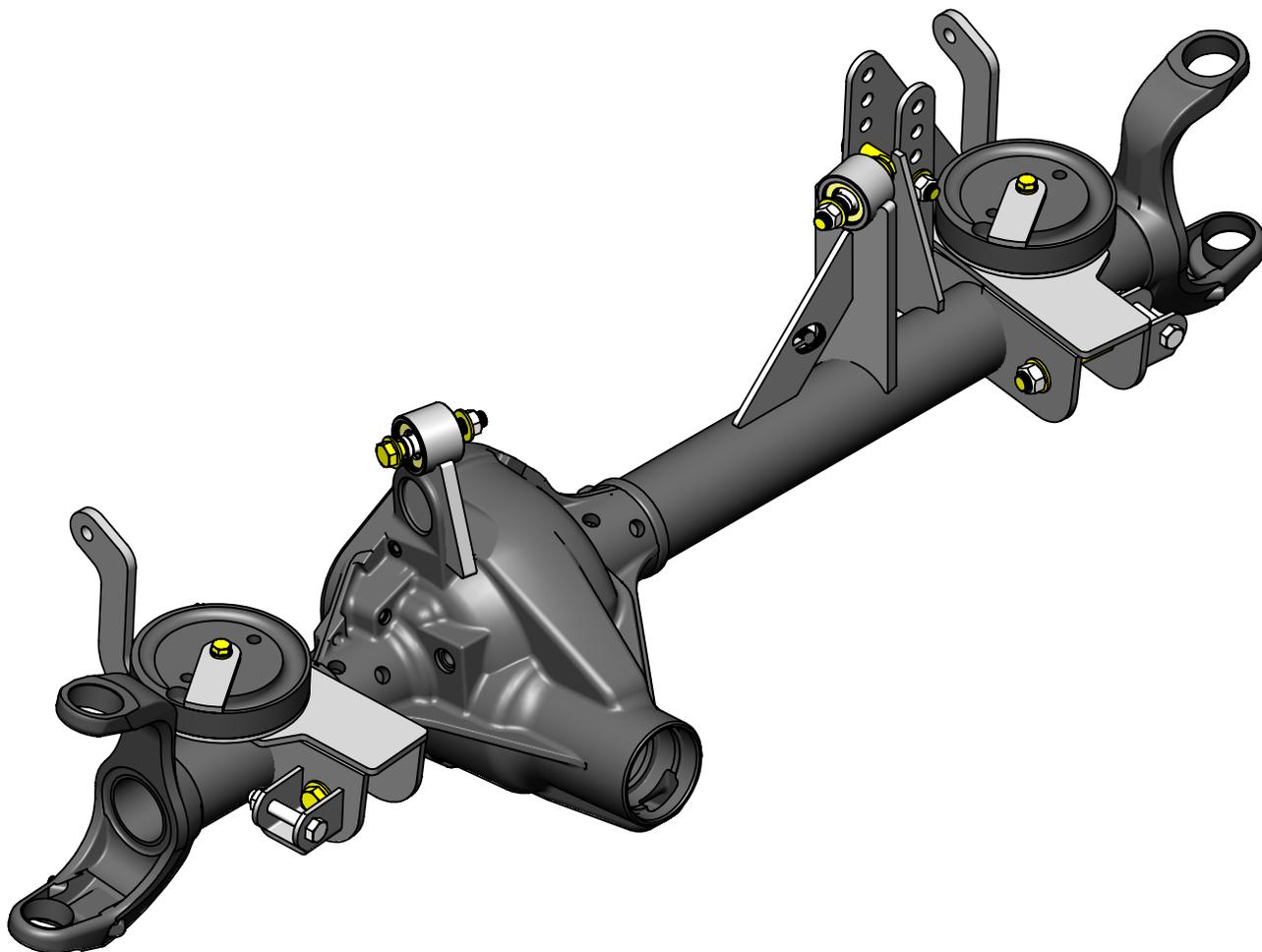


CLAYTON OFF ROAD  
COR-1100230  
JEEP FRONT AXLE BRACKET KIT W/ADJ TRACK BAR MOUNT (1984-2006, TJ/LJ/XJ/ZJ)



NOTES: This product may require general welding, fabrication and automotive mechanic skills. Welding should only be done by a competent welder. Clayton Off Road implies no guarantees or warranties and is not liable for improper installation. Some grinding and fitment may be required when installing this product. Every vehicle varies slightly and some fabrication may be required. For more information please visit our website.

Refer to following 3 pages for dimensions.

Step 1: Remove axle from vehicle.

Step 2: Remove all brackets from axle.

Step 3: Clean axle tubes and housing for welding.

Step 4: Set spring perches at proper width and angle.

Step 5: Tack weld in place.

Step 6: Weld each perch around both sides and front of axle tube.

Step 7: Weld in track bar mount brace. Make sure track bar fits first.

Step 8: Bolt a lower control arm or Johnny Joint between two lower control arm mounts.

Step 9: Tack weld into place under the spring perch.

Step 10: Weld to spring perch and axle tube on both sides.

Be sure you have shock mounts located on the outside.

Step 11: Locate coil bucket bases and tack weld in place.

Step 12: Make 3 1" welds around the base to the spring perch.

Step 13: Locate sway bar tabs.

Step 14: Weld to axle tube and spring perch.

Step 15: Locate upper control arm mount on passenger side and tack weld in to place

Step 16: Weld to axle tube on all 4 sides.

Step 17: Locate gusset and tack weld into place.

Step 18: Weld to axle tube and control arm mount on both sides.

Step 19: Create a mounting point on the top of the housing for the upper control arm mount. You can cut the factory mount off, install a truss or weld directly to the housing.

Step 20: Tack weld mount in place.

Step 21: If welding to a cast housing preheat the housing and bracket with a torch.

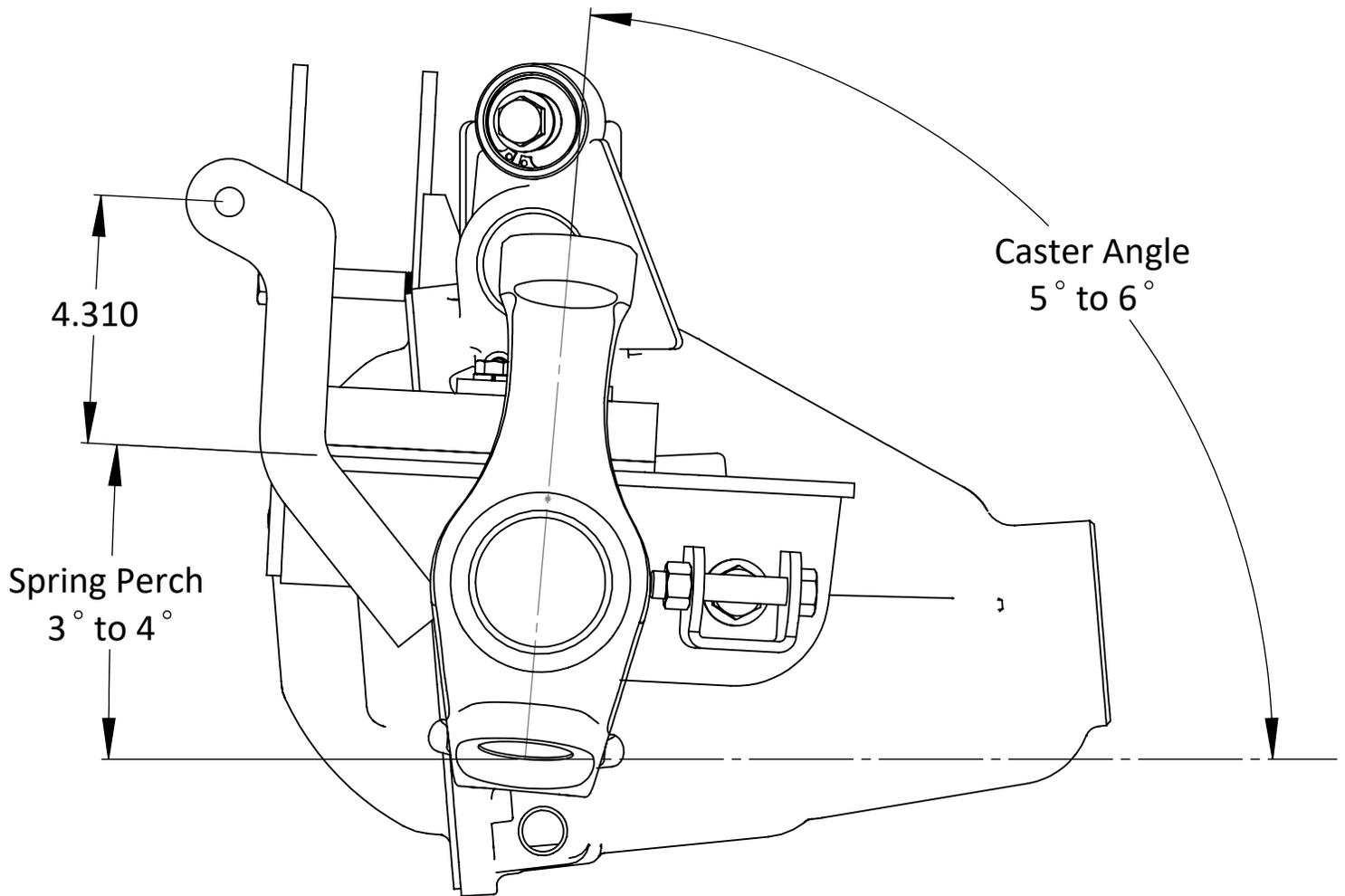
Step 22: Weld upper control arm mount into housing. We suggest doing 3 passes around the mount.

Step 23: Paint axle.

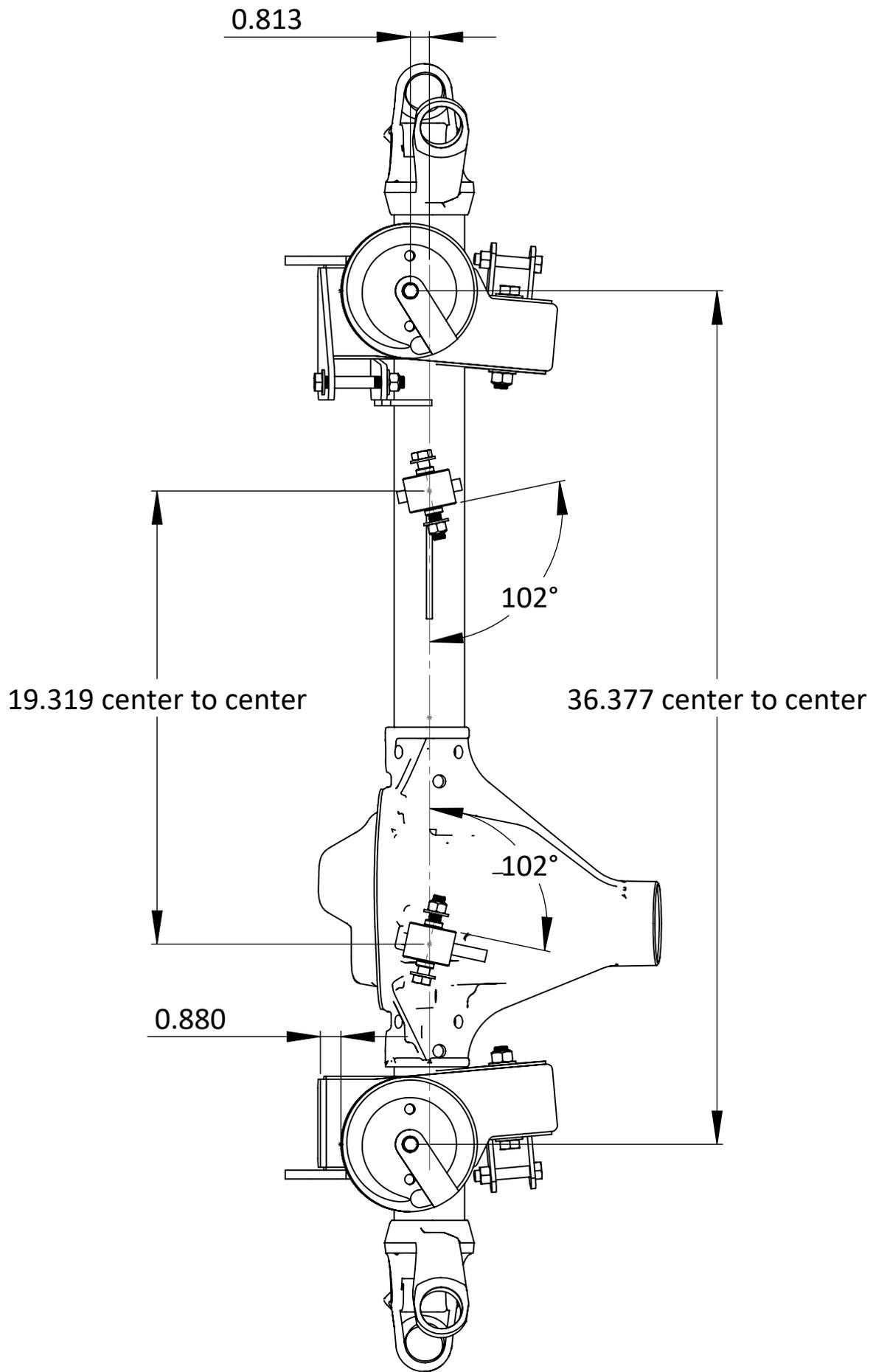
Step 24: Assemble the Johnny Joints.

Step 25: Bolt on lower coil buckets.

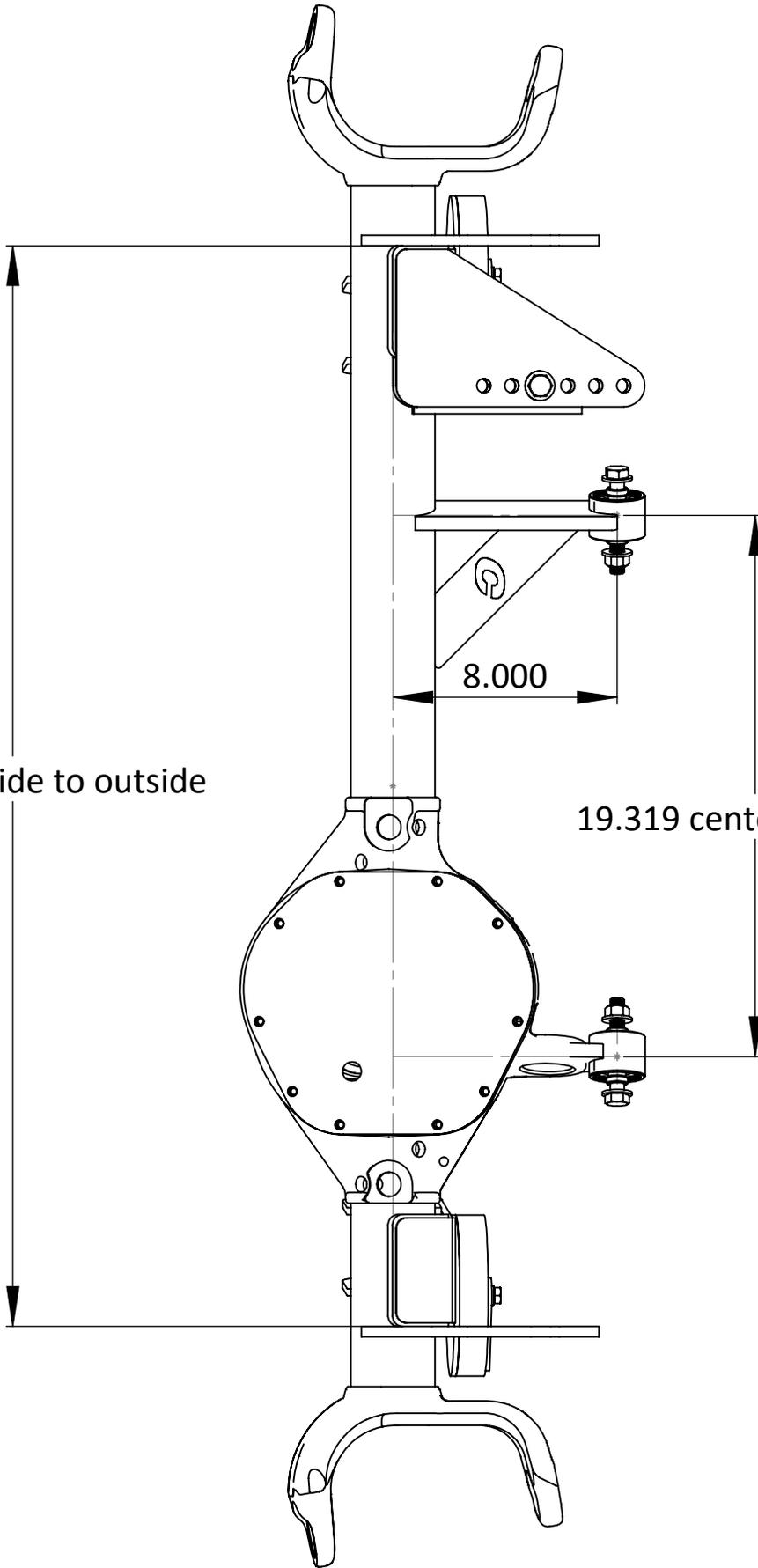
Step 26: Install axle in vehicle.



**Note: We recommend 5 to 6 degrees of positive caster. Top of inner C tipped towards the rear of the vehicle. It is possible to run less caster to get a better drive shaft angle but the handling of the vehicle will be effected.**



38.581 outside to outside



19.319 center to center

8.000