



655 South Lincoln Ave.
San Bernardino, CA. 92408
PHONE: 877-470-2975 -- FAX: 909-890-0703
www.globalwest.net

The following instruction sheet applies to the following applications:

Part # CTA-42B

LOWER CONTROL ARM INSTALLATION

1. Use the floor jack to raise the car and wheels off the ground.
2. Place the jack stands on appropriate areas of the frame to support the car. Do **NOT** place the stands under the lower control arms. Lower the car on to the jack stands and remove the floor jack.
3. Remove both front wheels and tires.
4. Remove the nuts, bolts, bushings, washers and spacer tube from the front sway bar end links and set aside.
5. Starting on one side of the care, remove the upper shock mounting nuts, washers and bushing. Remove the shock absorber lower mounting bolts and slowly lower the shock and remove from the bottom of the lower control arm and set aside.
6. Using a coil spring compressor, install the spring compressor inside the coil spring. Using suitable tools compress the spring until pressure is removed off the lower arm.
7. Using suitable tools remove the lower ball joint cotter pin and loosen the slotted hex nut. Only loosen the lower ball joint nut so you can see about a 1/8 of an inch gap between the nut and spindle.
8. Use a ball joint pickle fork and separate the lower ball joint from the brake/spindle assembly. Place the floor jack under the lower ball joint and raise the jack enough to relieve pressure on the lower ball joint. Remove the lower ball joint nut. Slowly lower the jack and swing the spindle out of the way. Allow the upper control/spindle assembly to rest on the bump stop against the frame.
9. Remove the floor jack and coil spring.
10. Loosen and remove the lower control arm pivot bolts and nuts. Remove the lower control arm.
11. Install the new lower control arm using the factory bolts and nuts. Torque both bolts to 70 ft-lbs. Del-a-lum bushings can be tightened with the arm hanging. The bushing act like a bearing so it will pivot without bind.



The air bag installs in the holes provided in the base plate. Since this is a custom application, completing the job will be determined by your kit or setup you have.

12. The lower ball joint nut should tighten to 80 foot-pounds. Install the cotter pin. Lubricate the lower ball joint. Use the same procedure on the other side.