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The following instruction sheet applies to the following applications:

### Part # FTA-93L

#### 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 and cross member 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.
5. 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.
6. 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.
7. 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 strut and spindle out of the way.
8. Remove the floor jack and coil spring.
9. Loosen and remove the lower control arm pivot bolts and nuts. Remove the lower control arm.
10. Install the new lower control arm using the factory bolts and nuts. Torque both bolts to 120 ft-lbs. Del-a-lum bushings can be tightened with the arm hanging.
11. Install the spring; clock the spring cushion in the new arm so that the end of the spring ends up about the same location as the stock lower arm. Next slide the spring into the cross member with the factory cushion on top of the spring. Swing the lower arm up and rotate the spring so the bottom indexes in the lower arm cushion.
12. Slowly raise the arm to fit the ball joint into the spindle. Use a floor jack to help support the assembly. Install the castle nut on the ball joint and torque to 90 ft-lbs. Next, tighten the nut to line up the slot in the nut and hole in the ball joint and install a new cotter pin.
13. Repeat steps 6 through 12 on the other side
14. Install the sway bar end link hardware on both sides

Alignment: The lower arms will add 2 degrees more positive caster. Do not try to use factory alignment specs for caster, just add the 2 degrees.