

www.maximummotorsports.com 3430 Sacramento Drive, Unit D San Luis Obispo, CA 93401 Telephone: 805/544-8748

Fax: 805/544-8645

## MM T-bird Adj. Rear Control Arms (MMRLCA-41)

Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

- 1. Block the front wheels to keep the car from rolling. Jack up the rear of the car and support the chassis on jack stands.
- 2. Lower the rear axle to a height just above full drop. Support the axle on jack stands.
- 3. Remove the rear wheels.
- 4. Remove the rear sway bar. There are four bolts, two per side.
- 5. Loosen the lower control arm pivot bolts, 2 bolts per control arm.
- 6. Support the control arm near the axle mount with a jack. Remove the axle pivot bolt. Slowly lower the jack to release the spring tension. Be careful not to lower it too quickly or else the spring may suddenly pop out. Once the spring is completely uncompressed, remove it from the car.
- Remove the control arm pivot bolt from the chassis and remove the control arm from the car.
- 8. Install the polyurethane bushing into the MM Control Arm. Using the supplied grease, apply a *light* coating of grease to the outside of the urethane pieces. Install one of the 4 outer pieces into the control arm. From the other side, install one of the 2 inner bushings, seating it against the previously installed outer bushing. Install the second outer bushing, seating it against the inner bushing.
- 9. Apply grease to the inside of the bushings. Use a small screwdriver or other tool to work the grease into the flutes of the bushing.
- 10. Insert the metal sleeve through the center of the urethane bushings.
- 11. Install the supplied grease fittings.
- 12. Apply a light coat of grease to the outside flange of the installed urethane bushings, where they will contact the chassis..
- 13. Reattach the control arm to the chassis.

- 14. Install the lower spring isolator on the MM Control Arm.
- 15. Place the spring on the control arm and raise the arm into position with the jack. Be sure the spring is correctly seated into both the upper and lower perches. The spring's "pig tail" is oriented towards the rear of the car.
- 16. Reinstall the rear pivot bolts at the axle housing.
- 17. Torque the chassis pivot bolts to 86 ft-lb.
- 18. Torque the axle pivot bolt to 86 ft-lb.
- 19. Reinstall the rear sway bar. Use the original bolts and the supplied Nylock nuts. Torque to 25 ft-lb.
- 20. Reinstall the rear wheels.
- 21. Lower to the ground and torque wheels.
- 22. Using a 1/2" drive ratchet/extension, adjust the spring perch adjustment bolts to set the rear ride height. Recheck after driving and adjust as necessary. Grease periodically to insure smooth operation of the adjusting bolt.

## Hardware List

- 4 12mm Flanged Nut
- 4 12mm Flanged Bolt
- 4 Nylock nut 10mm
- 2 Grease Packets
- 4 Outer control arm urethane
- 2 Inner control arm urethane
- 2 Steel urethane insert tubes

MMRLCA-41.doc 1 © Copyrighted 2013