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ASSEMBLY INSTRUCTIONS

QA1 MUSTANG ECO COMP ARMS P/N MU1ESA, MU2ESA, MU3ESA

READ ALL INSTRUCTIONS CAREFULLY AND THOROUGHLY PRIOR TO STARTING INSTALLATION. PRODUCTS THAT HAVE BEEN INSTALLED ARE NOT ELIGIBLE FOR RETURN. USE THE PROPER JACKING LOCATIONS. DEATH OR SERIOUS INJURY CAN RESULT IF INSTRUCTIONS ARE NOT CORRECTLY FOLLOWED. A GOOD CHASSIS MANUAL, AVAILABLE AT YOUR LOCAL PARTS STORE, MAY ALSO AID IN YOUR INSTALLATION.

• DISCLAIMER / WARRANTY •

QA1 WARRANTS THAT THE PRODUCTS WILL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR ONE YEAR FROM DATE OF SALE TO THE ORIGINAL PURCHASER. QA1 MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. QA1 SHALL HAVE NO OBLIGATION UNDER THE FOREGOING WARRANTY WHERE THE DEFECT IS THE RESULT OF IMPROPER OR ABNORMAL USE, YOUR NEGLIGENCE, VEHICLE ACCIDENT, IMPROPER OR INCORRECT INSTALLATION OR MAINTENANCE, NOR WHEN THE PRODUCT HAS BEEN REPAIRED OR ALTERED IN ANY WAY. QA1'S LIABILITY IN THE CASE OF DEFECTIVE PRODUCTS SUBJECT TO THE FOREGOING WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT QA1'S OPTION, OF THE DEFECTIVE PRODUCTS.

THE USER UNDERSTANDS AND RECOGNIZES THAT RACING PARTS, SPECIALIZED STREET ROD EQUIPMENT, AND ALL PARTS AND SERVICES SOLD BY QA1 ARE EXPOSED TO MANY AND VARIED CONDITIONS DUE TO THE MANNER IN WHICH THEY ARE INSTALLED AND USED. QA1 SHALL BEAR NO LIABILITY FOR ANY LOSS, DAMAGE OR INJURY, EITHER TO A PERSON OR TO PROPERTY, RESULTING FROM THE INSTALLATION, DIRECT OR INDIRECT USE OF ANY QA1 PRODUCTS OR INABILITY BY THE BUYER TO DETERMINE PROPER USE OR APPLICATION OF QA1 PRODUCTS. WITH THE EXCEPTION OF THE LIMITED LIABILITY WARRANTY SET FORTH ABOVE, QA1 SHALL NOT BE LIABLE FOR ANY CLAIMS, DEMANDS, INJURIES, DAMAGES, ACTIONS, OR CAUSES OF ACTION WHATSOEVER TO BUYER ARISING OUT OF OR CONNECTED WITH THE USE OF ANY QA1 PRODUCTS. MOTORSPORTS ARE DANGEROUS; AS SUCH, NO WARRANTY OR REPRESENTATION IS MADE AS TO THE PRODUCT'S ABILITY TO PROTECT THE USER FROM INJURY OR DEATH. THE USER ASSUMES THAT RISK!

REMOVAL:

1. Before starting the installation of your QA1 Motorsports Eco Comp control arms read the instructions carefully and thoroughly. A good chassis manual, available at your local parts store, may aid in your installation. Check to make sure you have all of the parts and tools needed to complete this installation.
2. Jack up the car so that jack stands can be placed under the frame. Let the jack down so that the frame sets securely on the stands.
3. Remove the wheels and then unbolt the calipers. Then tie them up and move them out of your way (*do not let the caliper hang from the brake line. This can cause damage to the brake line*). For vehicles equipped with ABS, refer to your Ford manual for safe removal.
4. Remove the sway bar end links and the sway bar from the vehicle. (Inspect for bushing wear and replace as needed)
5. Use the floor jack to support one of the A-arm assemblies. Jack the A-arm up just enough to take the load off of the strut and spindle. Remove the cotter pin that is in the castle nut on the ball joint. Loosen the castle nut enough to separate the ball joint. Once the ball joint has been loosened from the spindle the castle nut. Loosen and remove the two bolts that retain the strut and spindle. Slowly, CAREFULLY, let the A-arm assembly down until the spring is free and can be removed.

6. Repeat this procedure for the other side.
7. Loosen and remove the two bolts and nuts holding each A-arm into the K-member. (Do not discard; you will reuse these bolts and nuts.)
8. Inspect the bolts for any defects or wear. Replace if needed.

INSTALLATION INSTRUCTIONS:

- Identify the left and right side A-arms. The tube with the sway bar attachment will point to the front of the car.
- Install the control arm into the K-member on each side of the car.
- Do not completely tighten the bolts. Control arm should move freely at this point.
- Install the coil-over struts, caster camber plates, and reattach the spindle to the ball joint, cotter pin, struts. (Torque to manufacture specifications)
- Jack up the A-arm so it is level to the chassis and tighten the bolts on the lower control arm. (Torque to manufacture specifications)
- Reinstall the brake caliper on each side. (Torque to manufacture specifications)
- Reinstall the ABS sensor.
- Reinstall both front wheels. (Torque to manufacture specifications)
- Set ride height by adjusting the spring seat adjuster on the body of the strut.
- Lock the spring seat adjuster once desired ride height is achieved.
- Double check all bolts and make sure that they are torqued to manufacture specifications.
- Grease the zerk fittings on the control arm bushings and on the ball joints.
- Bring vehicle to a reputable shop for a quality front-end alignment

Note: To further upgrade your suspension, use other QA1 suspension products such as coil overs, shocks, struts, springs, torque arms, panhard rods, subframe connectors, strut tower braces, rod ends, spherical bearings, etc. For more information, go to our website at WWW.QA1.NET