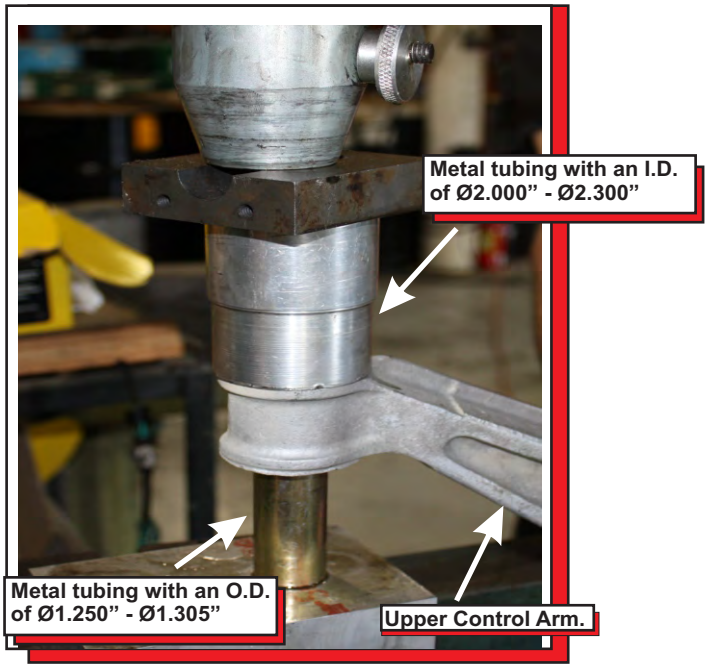
Installation Instructions
For set # 5.3126
92-02 DODGE VIPER
Rear Control Arm Bushings

It is recommended that if you are unfamiliar with this type of work that you refer to a qualified service center specializing in this type of work. It is also recommended that if you choose to do this work yourself that a factory service manual be obtained for the proper procedures pertaining to removal, replacement and proper torque specifications for your vehicle. This instruction set is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory components from your vehicle. Wheel alignment is almost always disturbed when suspension components are removed or replaced. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop. Energy Suspension recommends that you read over all the installation instructions and check all P/N's and quantities in the parts list before you start. Prior to installation, make sure that your car is in excellent mechanical condition and that there are no suspension or steering related problems. This part has been designed to work only with a car that is in good state of repair. No matter how carefully we design our parts, this is one area we have no control over and cannot be held responsible.

Parts list:
4 - 2792 (Lower control arm bushing, outer pos.)
4 - 2793 (Lower control arm bushing, inner pos.)
4 - 15.10.628.39 (.875" x .563" x 2.250" sleeve)
8 - 15.03.121.39 (1.720" x .509" x .162" washer)
4 - 2794 (Upper control arm bushing, outer pos.)
4- 2795 (Upper control arm bushing, inner pos.)
4- 15.10.612.39 (.875" x .563" x 1.950" sleeve)
8- 15.03.121.39 (1.720" x .509" x .162" washer)
2 - 9.11108 (grease)

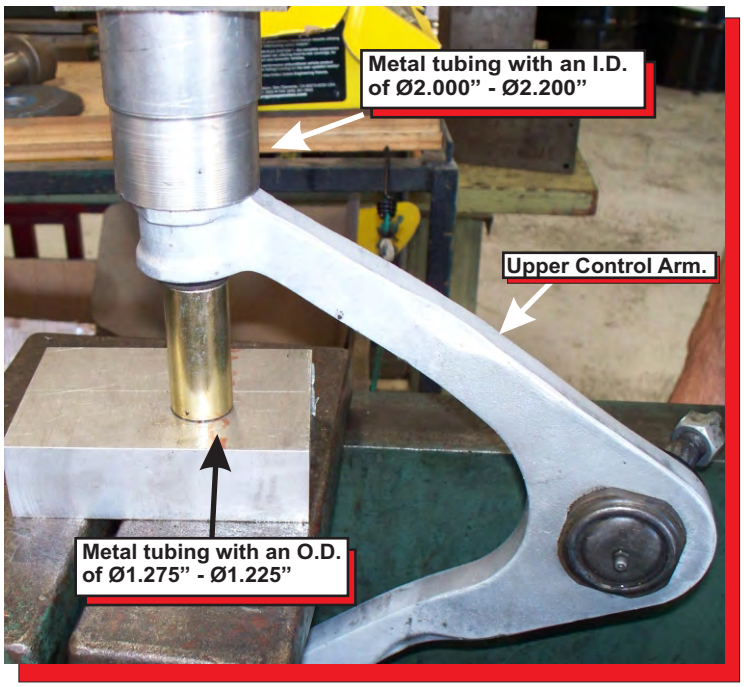
Torque values:
Upper control arm bushing-to-frame pivot bolts (55 lbf·ft)
Upper ball joint castle nut (75 lbf·ft)
ABS Wheel Speed Sensor Head Mounting Bolt (12.5 lbf·ft)
Caliper bracket mounting bolts (85 lbf·ft)
Stabilizer end link nut at control arm (16.5 lbf·ft)
Stabilizer bar bushing retainer bolts (50 lbf·ft)
Lower control arm adjustment cam bolt & nut (75 lbf·ft)
Lower control arm ball joint castle nut (118 lbf·ft)
Toe link knuckle castle nut (25 lbf·ft)
Shock upper mounting bolt (100 lbf·ft)
Shock lower mounting bolt (140 lbf·ft)
Note: Tighten castle nuts to lower torque spec, then tighten only far enough to align slot with pin hole. Always install new cotter pins.

Using a hydraulic press, properly support inside of lower control arm with metal tubing which has an O.D. of Ø1.250" - Ø1.305" to provide surface to press out O.E. bushing and shell. Use metal tubing with an I.D. of Ø2.000" - Ø2.300" to support top of arm and allow the O.E. bushing and shell to be pressed into. Remove all sharp edges from I.D. Apply grease to all metal parts that will contact the new polyurethane bushings. Be sure to place bushing 2792 from the outside of the arm and 2793 from the inside to accommodate for the step inside the arm eyelet.



Factory bushing metal shell must be pressed out of upper control arm for Energy Suspension polyurethane bushings to fit properly.

Rear Upper Control Arm:
In order to remove the O.E. bushings and metal shells from the upper control arm properly support the inside of the arm with metal tubing which has an O.D. of Ø1.275" - Ø1.225" . Using a hydraulic press, apply pressure to the outside of the arm using metal tubing with an I.D. of Ø2.000" - Ø2.200". This will allow the O.E. bushing and metal shell to be removed through the top of the arm and pressed into the outside metal tubing. Apply grease to the I.D. of the upper control arm and all sides of the polyurethane bushings that will contact metal. Be sure to install bushing 2794 from the outside of the arm and 2795 from the inside to accommodate for the step inside the arm eyelet. Tighten all fasteners to factory specs. After installation is complete, Energy Suspension recommends an alignment be performed at a qualified alignment shop.



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Upper Control Arm Part Locations