



Donahoe Racing's

THE EDGE ADVANCED SUSPENSION

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Enclosed Parts List:

(2) Coil over shock assemblies

Instruction Sheet: Part No. 5-8610

Tacoma coil-over kit

1996-04 Tacoma 4WD and Pre-runner

(6 lug wheel)

****READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**

****Warning! THE EDGE ADVANCED SUSPENSION recommends that you exercise extreme caution when working under a vehicle that is supported with jack stands.**

Your new coil over assembly comes charged with nitrogen! Do not release pressure from the schraeder valve, this will cause the shock to malfunction!

Your new coil over assembly has been pre-loaded at the factory to net approximately 2" of lift

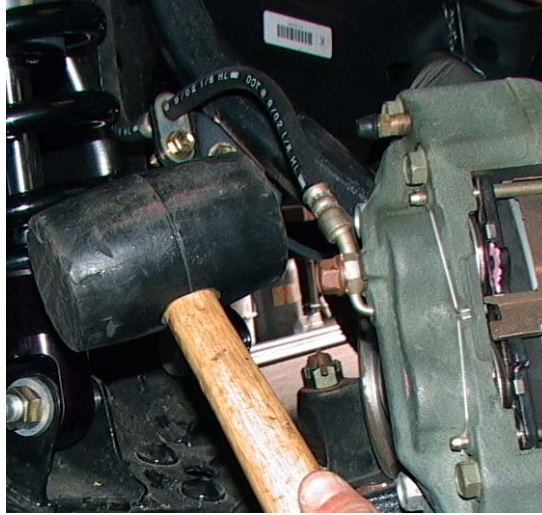
INSTALLATION INSTRUCTIONS:

1. ENSURE TRUCK IS IN GEAR OR IN PARK, SET PARKING BRAKE, TURN OFF ENGINE AND CHOCK TIRES!
2. With the vehicle sitting on level ground measure from the center of the hub to the top of the fender opening. Record this measurement, you will refer to it later to set ride height
3. Jack up the front of the truck and support with jack stands under the frame rail just in front of the tranny cross member and remove the wheels
4. Remove the 3 nuts securing the upper coil seat to the frame perch. **Do not loosen or remove the larger center nut securing the spring seat to the shock shaft!!! This would result in the stock coil assembly to come apart violently causing damage to components and possible injury!**
5. Remove the bolt holding the lower shock eye to the lower A-arm. Note orientation, this bolt will be reused
6. Remove the stock assembly. Due to rubber bushing stiffness you may need to pull down on the suspension. To make this easier you can use a pry bar over the top of the upper A-arm and under the pivot bolt for additional leverage. Be careful not to damage any brake lines or wires that may be routed down the A-arm.



7. Install new coil assembly: there are 6 threaded holes in the top of the upper shock mount. You will be using 3 of them, the holes with a dot next to them are for Tacoma and 4runner, and the holes without a dot are for Tundra and Sequoia. Install upper mount with the schrader valve pointing outward using (3) 3/8" X 1" bolts and lock washers
8. Install lower shock mount to A-arm: The lower shock mount has 1 long and one short spacer. Make sure the short spacer is toward the front of the vehicle. This will orient the shock further toward the front of the A-arm to ensure adequate axle clearance on 4 wheel drive models. Re install the factory lower shock bolt

9. Check for brake line clearance: with the suspension at full extension turn the wheel all the way in either direction. The brake line will come close to the bottom of the coil spring. It may be necessary to bend the brake line away from the coil. Be careful not to kink the line when re routing it and re check the fitting for tightness.



10. Reinstall the wheels and put the vehicle back on the ground. Roll the vehicle back and forth a couple of feet and bounce the front end to allow the suspension to settle to its new ride height. Re-measure from hub center to top of fender opening, compare to measurement in step 2.
11. The coil spring adjuster has been preloaded at the factory to net approximately 2 inches of lift. However the ride height is adjustable using a spanner wrench (Spanner wrench not included, but can be ordered from your **Donahoe Enterprises Inc.** distributor, part # 5-0101). To adjust ride height raise vehicle off the ground and support with jack stands, loosen set screw in adjuster ring and turn ring down for more lift or up for less lift. **Do not exceed 2" of exposed thread between shock top cap and adjuster ring!!** Retighten set screw, but **do not over tighten or damage to the treads will occur!**

For technical assistance or suggestions on how to make our product better call (714)632-3033 Monday-Friday between the hours of 8am-12pm and 1pm-5pm Pacific-standard time, certain holidays excluded.

Donahoe Racing Enterprises LIMITED LIFETIME WARRANTY

Donahoe Racing Enterprises warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. *Donahoe Racing Enterprises* does not warrant the product for finish, alterations, modifications and/or installation contrary to *Donahoe Racing Enterprises* instructions. *Donahoe Racing Enterprises* products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

Donahoe Racing Enterprise's obligation under this warranty is limited to the repair or replacement, at *Donahoe Racing Enterprises'* discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty.

Items that are subject to wear are not considered defective when worn and are not covered.

Coil over take-apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. We do not warranty Bilstein shocks or any other product not directly manufactured by Donahoe Racing Enterprises (excluding Deaver Springs carried as proprietary kits in our product lines).

Donahoe Racing Enterprises components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Installation and use of *Donahoe Racing* products in combination with any other aftermarket components will void warranty.

Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse. *Donahoe Racing Enterprises* does not warrant products not manufactured by *Donahoe Racing Enterprises*.