

Spohn Performance, Inc.
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Part# D00-02-DFSK1 – Dual Front Shock Mounting Kit

2000-2001 Dodge Ram 4x4 1500 | 2000-2002 2500 & 3500 | Stock Ride Height

USE OF THIS PRODUCT IS ACCEPTANCE OF SELLER'S DISCLAIMER OF WARRANTY!

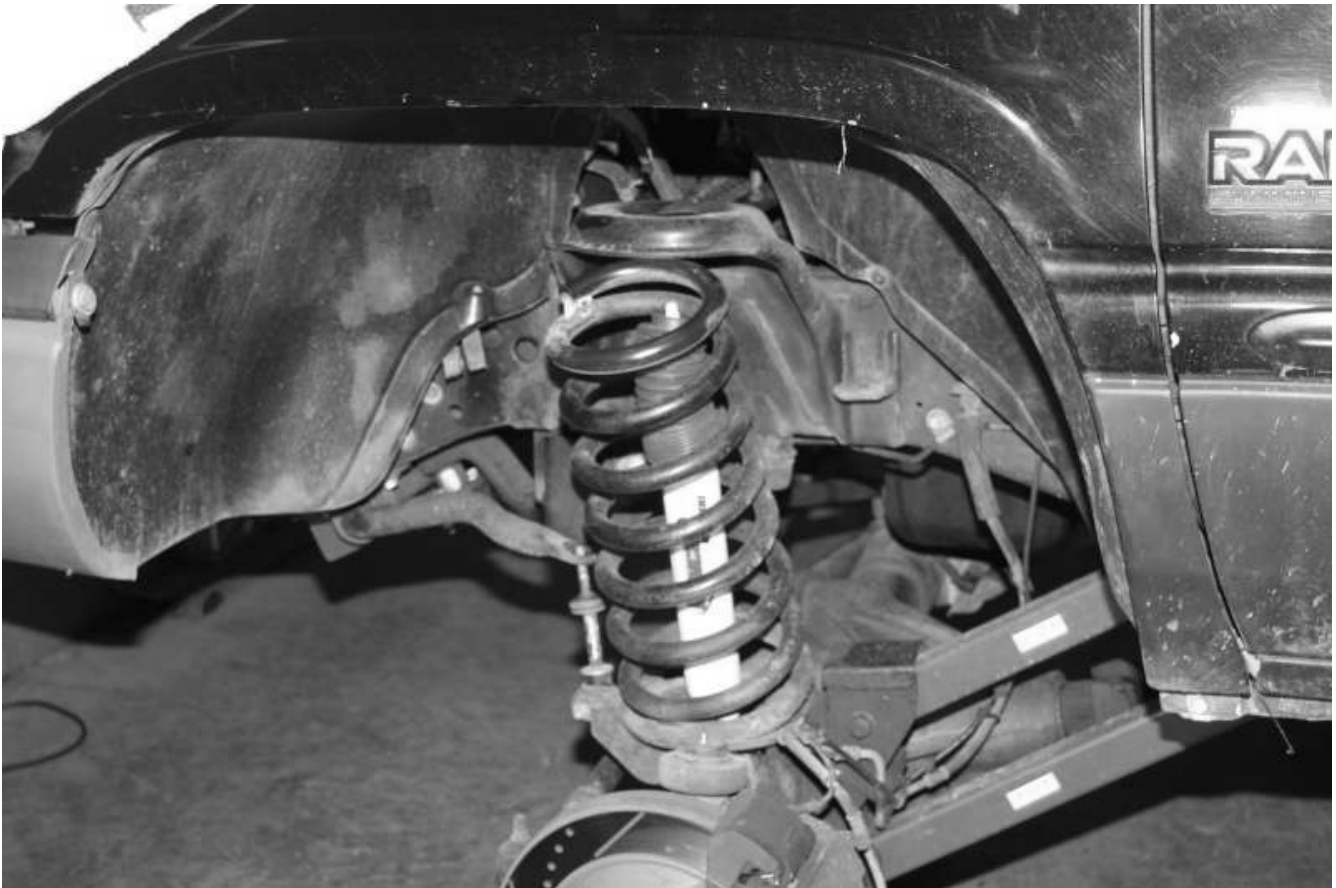
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INSTRUCTIONS

1. Block the rear tires of the vehicle so that the vehicle is stable and can't roll.
2. Locate the driver's side lower shock mount and (2) 5/16" x 1" bolts, (2) 5/16" lock nuts and (4) 5/16" flat washers. Remove the front upper control arm's front mounting bolt. Install the driver side lower shock mount on the outside of the upper control arm mounting bracket. You may need to bend the brake line for proper clearance. Secure the lower hole in the shock bracket to the stock front upper control arm mount using (1) 5/16" x 1" bolt, (1) 5/16" lock nut and (2) 5/16" flat washers (hole provided, do not tighten at this point). There is a hole provided to fit the upper bolt in the new shock bracket, in some cases this hole needs to be enlarged. If this is the case use the bracket as a guide and drill a 5/16" hole into the stock front upper bracket. Secure upper hole in shock bracket to stock upper control arm mount using (1) 5/16" x 1" bolt, (1) 5/16" lock nut and (2) 5/16" flat washers (do not tighten at this point). Repeat procedure on the passenger's side. **(See Illustration #1)**
3. Working on the driver's side install the supplied 14mm x 100mm front upper control arm's mounting bolt, flat washer and flanged lock nut. When installing the front bolt, the front bolt will now also go through the new lower shock mount (do not tighten at this point). Repeat procedure on passenger's side. **(See Illustration #2)**
4. Working on the driver's side, locate the supplied universal 9/16" shock bolt (that came with our kit) and install it to the newly installed lower dual shock bracket, torque to 90 ft./lbs. Repeat procedure on passenger's side. **(See Illustration #3)**
5. Working on the driver's side. Place a jack under the front axle. Disconnect the front sway bar end link. Disconnect the top of the shock from the stock upper shock mount. Remove the stock upper shock mount.
6. Lower the jack and decompress the shock until the shock and spring swing clear of the stock upper spring seat **(See Picture 1)**. Remove the stock upper spring's rubber isolator. Remove the stock upper shock mount's lower retainer plate.
7. You will need to round off the corners of one ear on the stock upper shock mount so it clears the welds inside of our upper dual shock mount **(See Pictures 2-3)**. Install the supplied upper shock mount retainer plate. Place the stock upper spring rubber isolator inside the upper spring seat (make sure it's clocked correctly). Swing the spring back in place and jack the front axle up to re-seat the spring.
8. Install the new upper dual shock bracket. Extend the shock all the way up by hand. Install upper dual shock bracket between the stock upper coil spring pocket and the stock upper shock mounting bracket. Tighten the supplied 3/8" flanged lock nuts to 32 ft./lbs. Repeat procedure on the passenger's side. **(See Illustration #4)**

9. Working on the driver's side, locate (1) 1/2" x 3" bolt, (1) 1/2" lock nut and (2) 1/2" washers. Install the shock to the upper shock bracket, secure using 1/2" hardware and torque to 85 ft./lbs. Repeat procedure on the passenger's side. **(See Illustration #5)**
10. Working on the driver's side, install the bottom of the shock to the lower shock bracket. Slide lower shock over the universal shock bolt and secure using the 9/16" hardware. Torque to 90 ft. lbs. Repeat procedure on the passenger's side. **(See Illustration #6)**
11. Tighten both front upper control arm mounting bolts to factory specifications.
12. Tighten all of the 5/16" bolts for the lower shock mounting brackets to 18 ft./lbs.

Picture 1



Pictures 2-3 below show how you must round the corners on one ear of the stock upper shock mount so it clears the welds inside of the supplied upper dual shock mount.

Picture 2



Picture 3



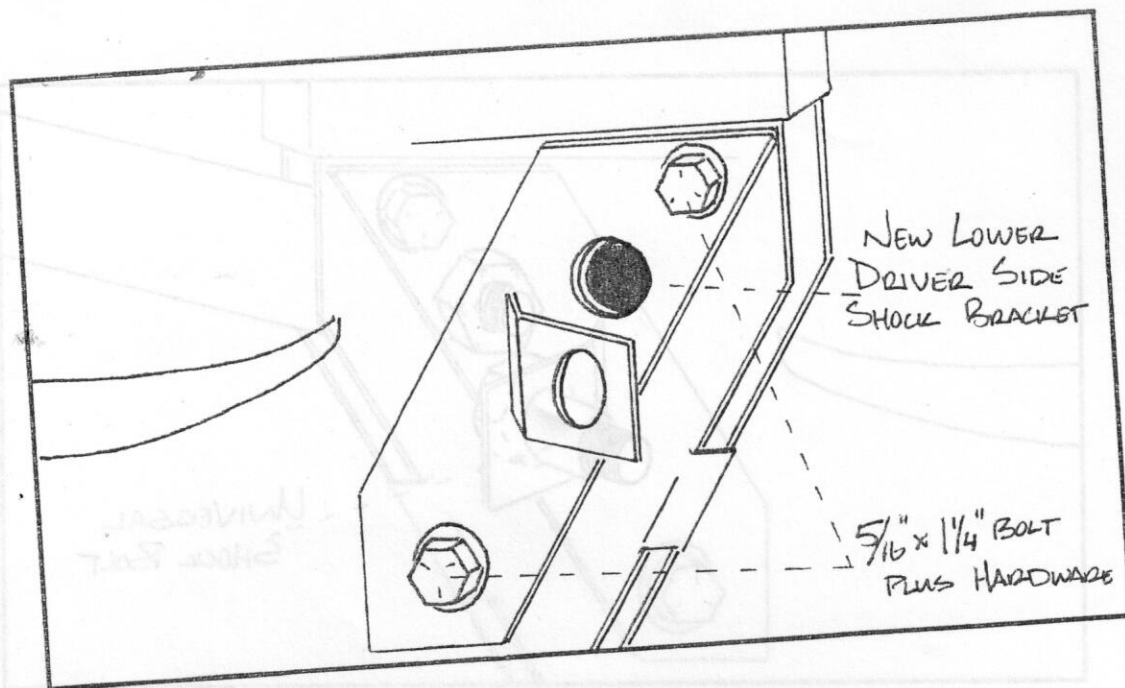


ILLUSTRATION # 1

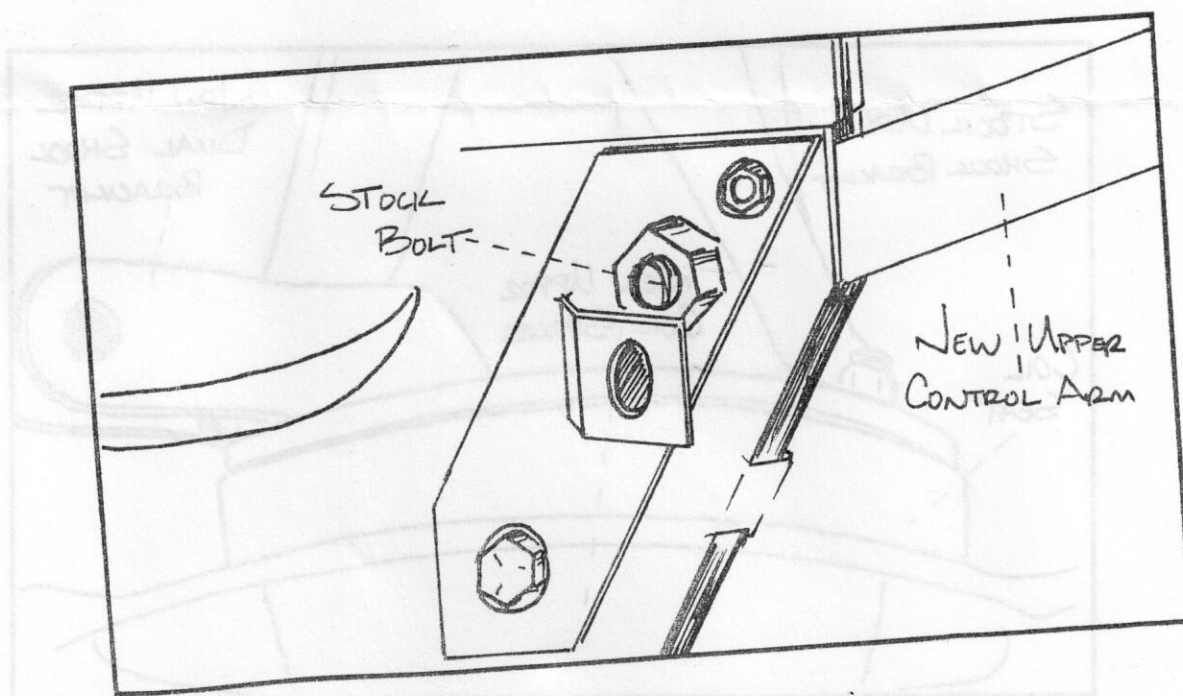


ILLUSTRATION # 2

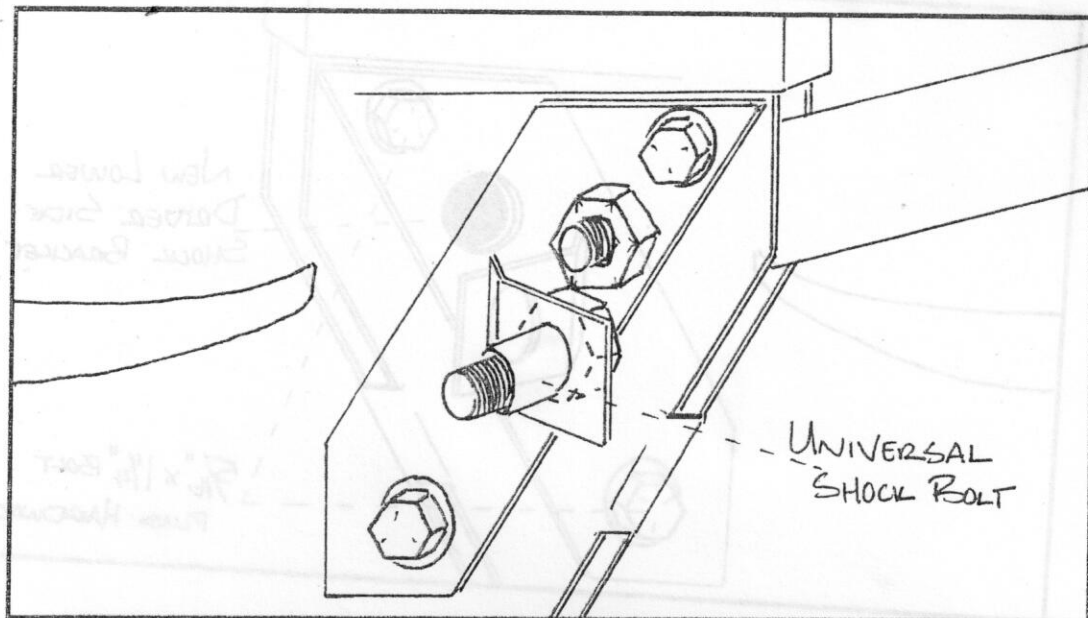


ILLUSTRATION # 3

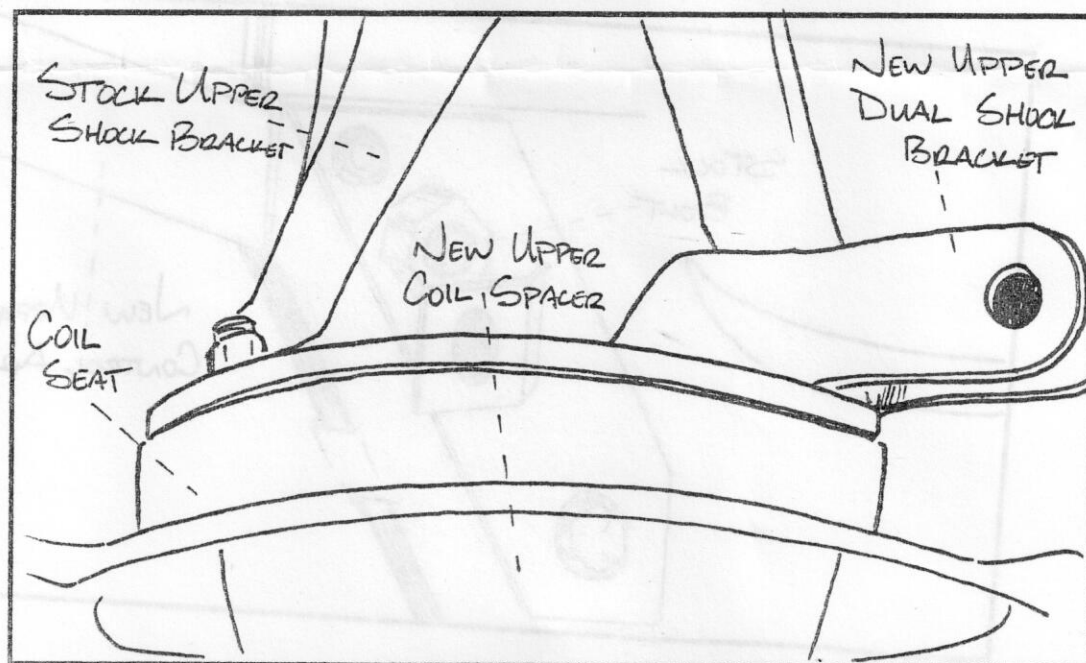


ILLUSTRATION # 4

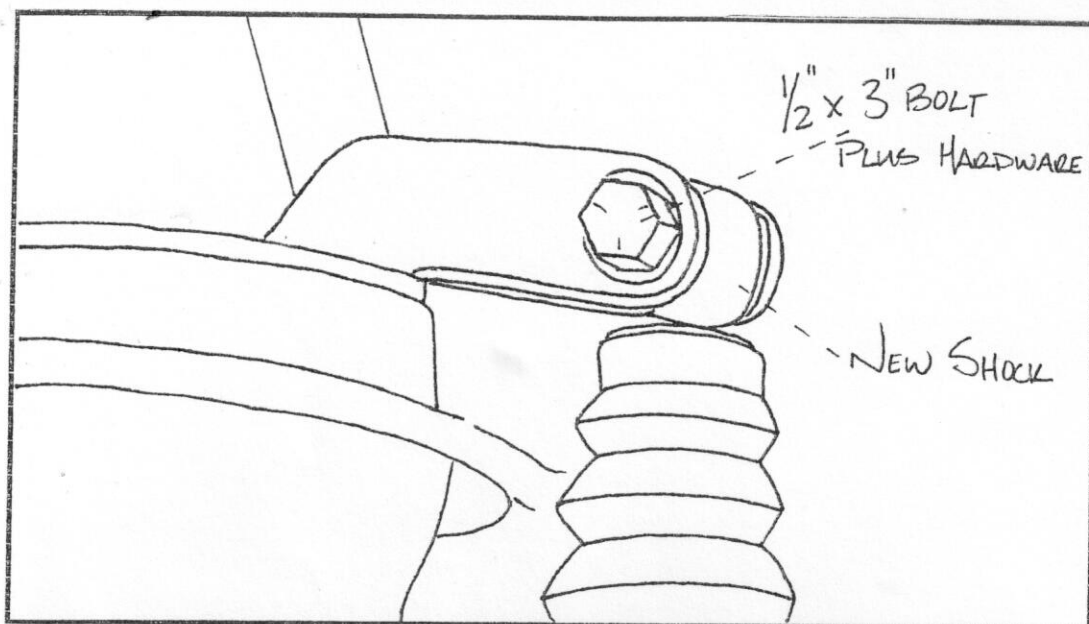


ILLUSTRATION # 5

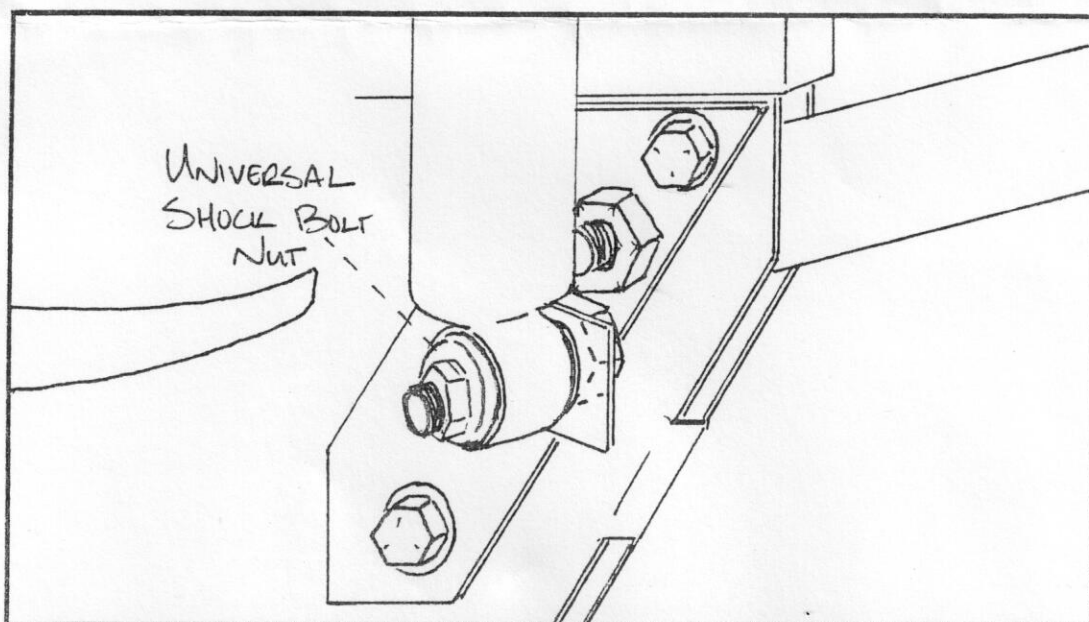


ILLUSTRATION # 6