

# SKYJACKER

## SUSPENSIONS

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## ADX 2.0 & 2.5 Adventure Series Universal Coilovers Installation Instructions

### Required Tools List:

- SAE Sockets \ Wrenches
- Metric Sockets \ Wrenches
- Coil Spring Compressor
- Standard Screwdriver
- Ball Peen Hammer
- Safety Glasses
- Jack Stands
- Wheel Chock
- Floor Jack
- Torque Wrench



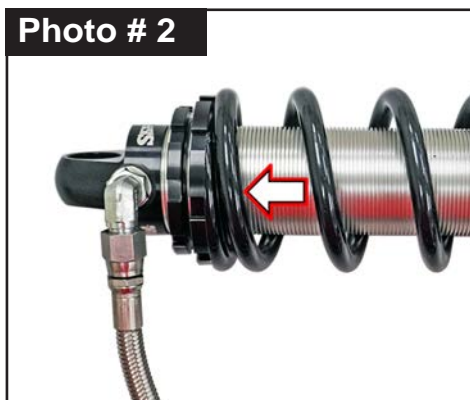
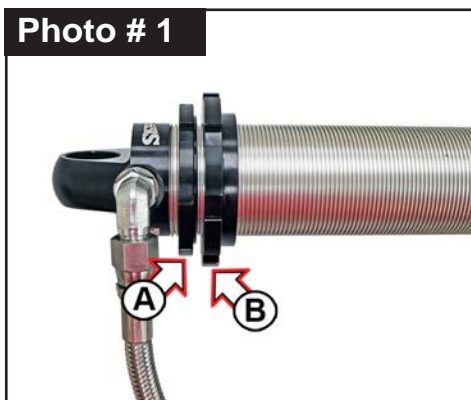
Before beginning installation, read these instructions thoroughly & completely. Please refer to Parts List to insure that all parts & hardware are received prior to disassembly of vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

### Important Notes:

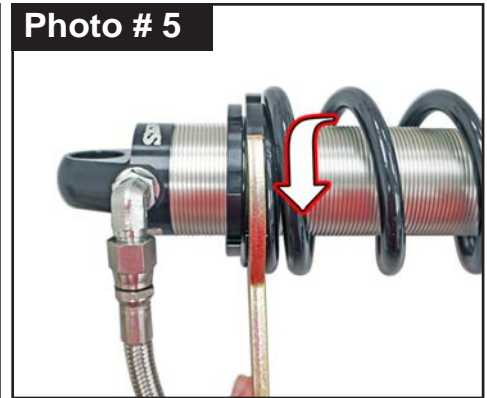
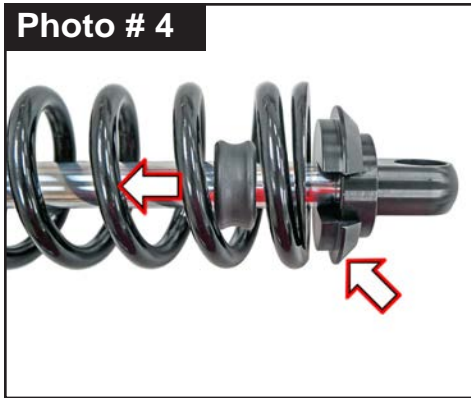
- In Event that a Different Coil Spring Rate Option Is Needed Due to Custom Modifications, Extra Weight, Etc, Please Contact SKYJACKER® Technical Assistance at 318-388-0816.

### Pre-Installation Tips: Install Coil Springs onto ADX Shocks.

1. First, unlock Upper Collar A by turning left \ counter clock-wise. Turn Upper Collar to top of cylinder, but leave a couple of threads at top. (Photo # 1)  
Next, loosen Lower Collar B by turning left \ counter clock-wise, but leave a couple of threads of separation. (Photo # 1)
2. Install your upper coil spring choice. (Photo # 2)
3. Install spring slider \ divider. (Photo # 3) **Note:** Tall cup goes toward top. Short cup to bottom.



4. Install your lower coil spring choice. (Photo # 4)
  5. Compress lower spring enough to be able to install lower coil spring base cup around shock shaft onto shock mount base. (Photo # 4) **Note:** Depending on your lower coil choice, a coil spring compressor may be needed to gain enough clearance to install lower coil base cup.
  6. Tighten \ turn Lower Collar B right \ clock-wise to secure upper coil spring in place using # LSCOWRH-S Spanner Wrench. (Photo # 5)
- Tighten \ turn Lower Collar A right \ clock-wise to secure Lower Collar B in place. (Photo # 5)

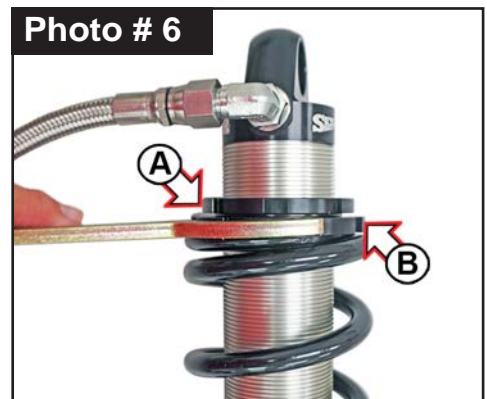


### Adjusting Coilover Lift Height:

Raise lift height by compressing Skyjacker Coilover coil spring. To raise vehicle height, turn coilover collars down shock body.

1. With vehicle on flat level ground, set emergency brake & chock tires \ wheels. Raise vehicle, support frame rails using jack stands at indicated lift points in OEM service manual.
2. Remove tires \ wheels. Make sure Skyjacker Coilover Shocks are fully extended with as much weight off coil springs as possible.
3. To adjust coilovers, first unlock Upper Collar A by turning left \ counter clock-wise using # LSCOWRH-S Spanner Wrench. (Photo # 6) **Tech Note:** Amount of preload \ adjustment does not directly equal amount of lift you will achieve due to weight variances side-to-side (battery, gas tank, or aftermarket modifications, etc.). 1" of preload does not equal 1" of lift height.

Use Spanner Wrench to turn Lower Collar B right \ clock-wise to compress upper coil spring down. It does require a physical effort to rotate \ compress coil spring.

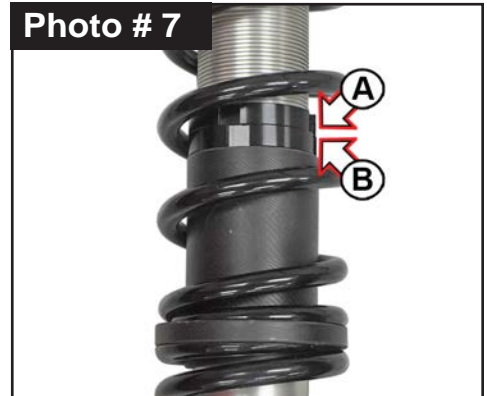


- Set coilover stop nuts. Coilover stop nuts are threaded onto coilover cylinder below coil adjustment collars. Stop nuts are used to set transition point between primary rate (a combination of upper & lower springs) & secondary rate (lower spring).

**Note:** For most applications, stop nuts should be positioned about 1”- 3” above slider \divider when vehicle is at ride height. This means that first 1”- 3” of up travel will be on softer upper coil spring rate & after that, will transition to higher lower coil spring rate to increase rate before fully compressed & reached maximum suspension travel.

To adjust coilovers stop nuts, first unlock Upper Stop Nut A by turning left \counter lock-wise using a flat screwdriver & a hammer. (Photo # 7)

Spin Upper Stop Nut A & Lower Stop Nut B into their new position & then tighten stop nuts against each other. Give them each a moderate tap with screwdriver & hammer to lock in position.



- Install tires \wheels & lower front of vehicle to ground.

### Final Clearance Check & Torque Steps:

- Jounce vehicle a couple of times. This will help suspension settle to new ride height. Cycle steering lock-to-lock & check all components for proper operation & clearances. Pay special attention to clearance between tires \wheels & ADX Coilover Shocks & Reservoirs, control arms, brake hoses, ABS wiring, etc.

**CAUTION:** Make Sure ADX Coilover Reservoir \Reservoir Hose Does Not & Will Not Make Contact with Anything Throughout Full Travel Cycle of Suspension. (Tire \wheel, frame rail, frame brackets, brake lines, exhaust, etc.) For proper clearance, it may be necessary to change location or orientation of reservoir.

- After installation is complete, double check that all nuts & bolts are tight. Refer to following chart for proper torque specifications. (**Note:** Do not re-tighten nuts & bolts where thread lock compound was used.)
- After first 100 miles, check all hardware for proper torque & periodically thereafter.

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	180 in-lbs	240 in-lbs	6MM	102 in-lbs	108 in-lbs
3/8	30 ft-lbs	35 ft-lbs	8MM	16 ft-lbs	23 ft-lbs
7/16	45 ft-lbs	60 ft-lbs	10MM	32 ft-lbs	45 ft-lbs
1/2	65 ft-lbs	90 ft-lbs	12MM	55 ft-lbs	75 ft-lbs
9/16	95 ft-lbs	130 ft-lbs	14MM	85 ft-lbs	120 ft-lbs
5/8	135 ft-lbs	175 ft-lbs	16MM	130 ft-lbs	165 ft-lbs
3/4	185 ft-lbs	280 ft-lbs	18MM	170 ft-lbs	240 ft-lbs

**Above Specifications Are Not to Be Used  
When Bolt Is Being Installed With a Bushing.**

**Seat Belts Save Lives, Please Wear Your Seat Belt.**

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Check Out Our Favorite Ministries at:

- [innministries.org](http://innministries.org)
- [familychurch.org](http://familychurch.org)
- [kcm.org](http://kcm.org)

## Jesus Christ Died For You.

John 3:16

For God so loved the world that He gave His only Son, so that everyone who believes in Him should not perish, but have everlasting life.

Romans 3:23

For all have sinned; all fall short of God's glorious standard.

Ephesians 2:8

God saved you by his special favor when you believed. And you can't take credit for this; it is a gift from God.

Psalms 18:2

The Lord is my Rock, my fortress, and my savior; my God is my Rock, in whom I find protection. He is my shield, the strength of my salvation, and my stronghold.

Romans 10:9-10

That if you shall confess with thy mouth the Lord Jesus, and shall believe in your heart that God hath raised him from the dead, you shall be saved. For with the heart man believeth unto righteousness; and with the mouth confession is made unto salvation.

Pray This Simple Prayer:

God, I come to You admitting I have sinned against You and I need you to take control of my life. The Bible says anyone who calls on the name of the Lord will be saved.

I am calling on You, Jesus. I ask that You come live in my heart and be the Lord over my life today. I do believe You died on the cross for me and came back to life to give me life! Thank You, Lord Jesus for a new life in You! Amen.

Now, go and tell somebody about your new life in Jesus, get a Bible, begin to read it, and go to a Bible believing church.

If you would like someone to pray with you, call Kenneth Copeland Ministries anytime at 800-600-7395.

To listen to commercial free Christian radio on the web, go to [www.887fm.org](http://www.887fm.org)



**JESUS  
FORGIVES  
ROCKS  
DON'T**

## Jesús murió por ti.

Juan 3:16

Porque tanto amó Dios al mundo, que dio a su Hijo unigénito, para que todo el que cree en él no se pierda, sino que tenga vida eterna.

Romanos 3:23

Pues todos han pecado y están privados de la gloria de Dios.

Efesios 2:8

Porque por gracia ustedes han sido salvados mediante la fe; esto no procede de ustedes, sino que es el regalo de Dios.

Salmos 18:2

El Señor es mi roca, mi amparo, mi libertador; es mi Dios, el peñasco en que me refugio. Es mi escudo, el poder que me salva, ¡mi más alto escondite!

Romanos 10:9-10

Que si confiesas con tu boca que Jesús es el Señor, y crees en tu corazón que Dios lo levantó de entre los muertos, serás salvo. Porque con el corazón se cree para ser justificado, pero con la boca se confiesa para ser salvo.

Ahora dí esta simple oración:

Dios, vengo a Ti y admito que he pecado contra Ti, necesito que tomes el control de mi vida. La Biblia dice que todo aquel que invoca el nombre del Señor escapará con vida. En este momento yo clamo ante Ti, Jesús; te pido que vengas a vivir en mi corazón y que tomes el control de mi vida. ¡Yo creo que tu moriste en la cruz y resucitaste para darme vida! ¡Gracias Señor Jesús, por una nueva vida que tengo en Ti! Amén.

Ahora ve y dile a alguien sobre la nueva vida que tienes en Cristo. Compra una Biblia y empieza a leerla. Busca una Iglesia que cree en la Biblia y hazte parte de esa Iglesia.

Si te gustaría orar con alguien, puedes llamar a este número 800-600-7395

Puedes ir a este sitio de Internet para escuchar música Cristiana sin anuncios, [www.887fm.org](http://www.887fm.org)

