

### Required Tools List:

- **SAE Hex Key & SAE Sockets \ Wrenches**  
(5/32" Hex Key Socket & 7/16", 1/2" & 9/16")
- **Metric Hex Key & Metric Sockets \ Wrenches**  
(8mm, 9mm, 13mm, 15mm, 16mm, 18mm, 19mm, 21mm, 22mm & 24mm)
- **Strut Spring Compressor**
- **Plastic Fastner Removal Tool**
- **Ball Peen Hammer**
- **Grease Gun**
- **Wheel Chock**
- **Jack Stands**
- **Torque Wrench**
- **Safety Glasses**
- **Floor Jack**
- **Paint Marker**
- **Measuring Tape**



Before beginning installation, read these instructions & enclosed driver's WARNING NOTICE thoroughly & completely. Also affix WARNING decal in passenger compartment in clear view of all occupants. 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.

Make sure you park vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from factory, but is usually not noticed until a lift kit has been installed which makes difference more visible. Using a measuring tape, measure front & rear (both sides) from ground up to center of fender opening above axle. Record this information below for future reference.

Driver Side Front: \_\_\_\_\_ / \_\_\_\_\_  
BEFORE / AFTER

Passenger Side Front: \_\_\_\_\_ / \_\_\_\_\_  
BEFORE / AFTER

Driver Side Rear: \_\_\_\_\_ / \_\_\_\_\_  
BEFORE / AFTER

Passenger Side Rear: \_\_\_\_\_ / \_\_\_\_\_  
BEFORE / AFTER

### Important Notes:

- This Suspension Lift is NOT Designed to Fit the Following Models:
  - 2019 Classic Models (2018 Body Style).
  - Models with Air Ride Suspension.
  - TRX Models.
- If Larger Tires (10% More Than the OEM Diameter) Are Installed, Speedometer Recalibration Will Be Necessary. Contact Your Local RAM Dealer or an Authorized Skyjacker® Dealer for Details.
- After Installation, a Qualified Alignment Facility Is Required to Align the Vehicle to the OEM Specifications.

**Component Box Breakdown:****Part # R1930**

Item #	Description	Qty
R1930UCA-L	UPPER CONTROL ARM, DR	1
R1930UCA-R	UPPER CONTROL ARM, PA	1
R1920RBS-S	BUMP STOP, REAR	2
JTG20RMS-S	COIL SPRING SPACER, REAR	2
H-BOX R1930P	HDWR BOX: R1930P	1

**Part # R1930PB**

Item #	Description	Qty
R1930UCA-L	UPPER CONTROL ARM, DR	1
R1930UCA-R	UPPER CONTROL ARM, PA	1
R1920RBS-S	BUMP STOP, REAR	2
JTG20RMS-S	COIL SPRING SPACER, REAR	2
H-BOX R1930P	HDWR BOX: R1930P	1
B8593 (REAR)	BLACK MAX SHOCK W/BLK BOOT	2

**Part # R1930PH**

Item #	Description	Qty
R1930UCA-L	UPPER CONTROL ARM, DR	1
R1930UCA-R	UPPER CONTROL ARM, PA	1
R1920RBS-S	BUMP STOP, REAR	2
JTG20RMS-S	COIL SPRING SPACER, REAR	2
H-BOX R1930P	HDWR BOX: R1930P	1
H7093 (REAR)	HYDRO SHOCK W/RED BOOT	2

**Part # R1930PM**

Item #	Description	Qty
R1930UCA-L	UPPER CONTROL ARM, DR	1
R1930UCA-R	UPPER CONTROL ARM, PA	1
R1920RBS-S	BUMP STOP, REAR	2
JTG20RMS-S	COIL SPRING SPACER, REAR	2
H-BOX R1930P	HDWR BOX: R1930P	1
M9593 (REAR)	M95 MONOTUBE SHOCK	2

**Part # R1930PN**

Item #	Description	Qty
R1930UCA-L	UPPER CONTROL ARM, DR	1
R1930UCA-R	UPPER CONTROL ARM, PA	1
R1920RBS-S	BUMP STOP, REAR	2
JTG20RMS-S	COIL SPRING SPACER, REAR	2
H-BOX R1930P	HDWR BOX: R1930P	1
N8093 (REAR)	NITRO SHOCK W/RED BOOT	2

**Hardware Box Breakdown:****Part # H-BOX R1930P**

Item #	Description	Qty
R1930MS-1	STRUT SPACER, FRT, UPPER	2
R620MS-2	STRUT SPACER, FRT, LOWER	2
HB-10MM/NFN	HDWR BAG: 10MM FLANGE NUTS	1
HB-R1920RBS	HDWR BAG: REAR BUMP STOP	1
I-R1930P	INST SHEET: R1930P	1

**Hardware Bag Breakdown:****Part # HB-10MM/NFN**

Item #	Description	Qty
10MMX1.5NFN	10MM X 1.5 N/I FLANGE NUT	6

**Part # HB-R1920RBS**

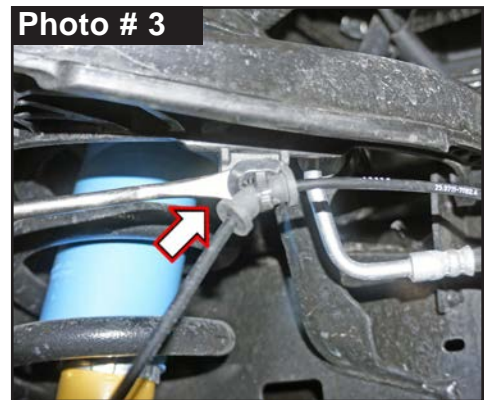
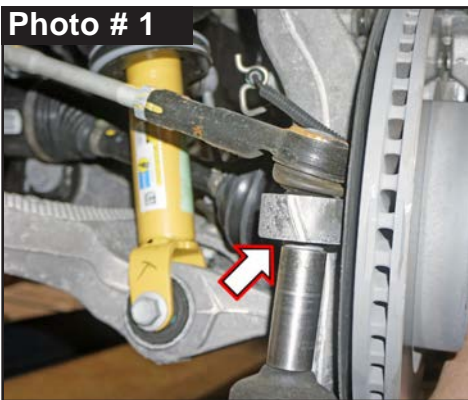
Item #	Description	Qty
516X1FTB	5/16 X 1 FINE THREAD BOLT	2
516SAEW	5/16 SAE WASHER	4
516FTN	5/16 FINE THREAD N/I LOCK NUT	2
38X1FTB	3/8 X 1 FINE THREAD BOLT	2
38SAEW	3/8 SAE WASHER	4
38FTN	3/8 FINE THREAD N/I LOCK NUT	2

**Front Installation: Note: Save all factory components & hardware for reuse, unless noted.**

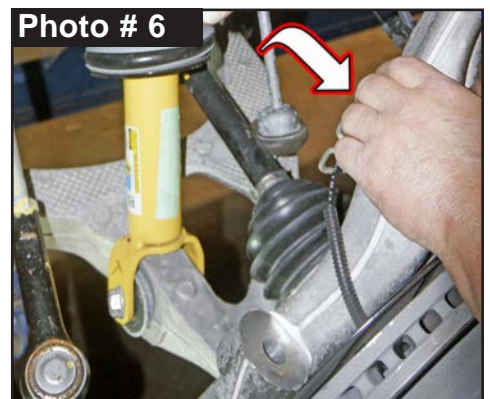
1. With vehicle on flat level ground, set emergency brake & chock rear tires \ wheels.
2. Raise front of vehicle, support frame rails using jack stands at indicated lift points in OEM service manual.
3. Remove the front tires \ wheels using a 22mm socket.

**NOTE:** Perform Steps 4-13 on One Side at a Time. Complete Steps on One Side, THEN Go to Opposite Side & Repeat Same Steps.

4. Disconnect OEM outer tie rod end from OEM steering knuckle using a 21mm socket \ wrench. (See Photo # 1) **Note:** It may be necessary to strike the OEM steering knuckles to dislodge the OEM tie rod end. Be careful not to damage the OEM tie rod end.
5. Disconnect OEM sway bar end link from OEM Lower Control Arm (LCA) using a 18mm socket. (See Photo # 2)
6. Disconnect OEM ABS line clip from OEM Upper Control Arm (UCA) using a plastic fastener removal tool. (See Photo # 3)



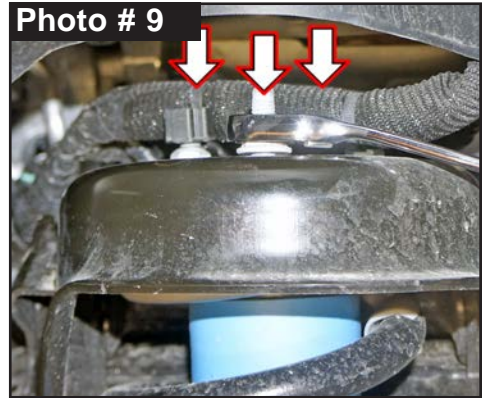
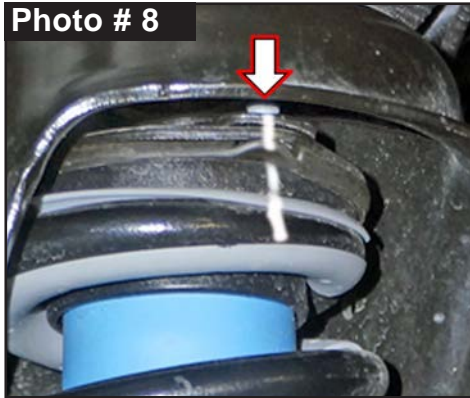
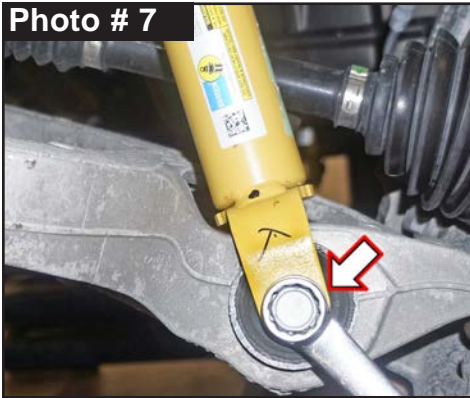
7. Disconnect OEM brake line bracket from frame using a 13mm socket \ wrench. (See Photo # 4)
8. Support the bottom of OEM steering knuckle with jack. Loosen, but do not remove upper OEM ball joint nut from OEM knuckle using a 18mm socket \ wrench. (See Photo # 5)  
To unseat upper OEM ball joint taper, strike ball joint boss of knuckle using ball peen hammer to dislodge. **Note:** ONLY strike knuckle portion only. Remove nut & remove ball joint from knuckle. **Tech Note:** You may need to pry upper control arm down to disconnect ball joint.
9. While supporting OEM LCA) ease knuckle to rest back away from front strut. (See Photos # 6)  
**CAUTION:** Do not let knuckle fall to side abruptly. It could cause damage to brake lines or pull CV axle shaft out. **Note:** Do Not Overextend CV Axle Shaft.  
**Tech Note:** Use a bungee or ratchet strap to secure knuckle assembly from overextending.





10. Disconnect OEM lower strut mount from LCA using a 21mm & 24mm socket \ wrench. (See Photos # 7) Remove OEM strut assembly.
11. **Note:** The OEM strut will be rotated 180 Degrees for re-installation. For strut alignment purposes, mark 'outside' of top hat upper strut mount isolator & rubber isolator. (See Photo # 8)
12. Disconnect wiring harness clips from driver side OEM upper strut mounting nuts. Disconnect three (3) OEM upper strut mounting nuts from frame mount using a 16mm socket \ wrench. (See Photo # 9) **Note:** Do Not remove center strut rod nut.

Remove OEM strut assembly.



13. Remove OEM UCA using a 18mm socket \ wrench. (See Photo # 10)

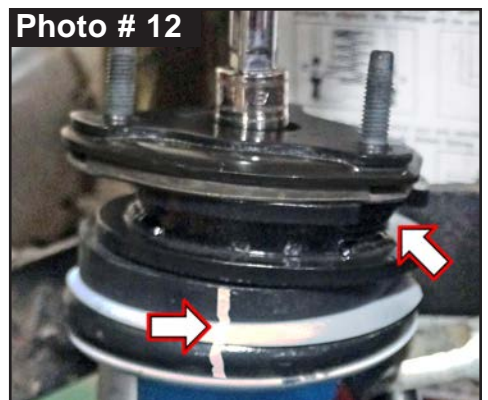
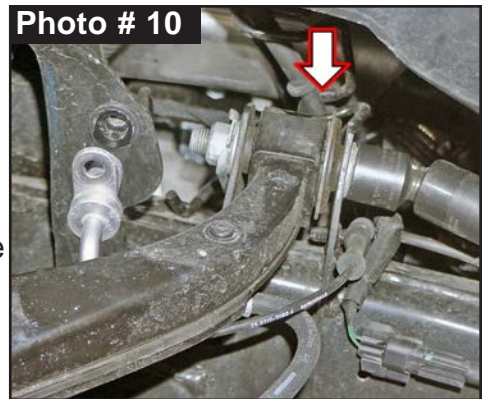
**NOTE:** Perform Steps 4-13 on Opposite Side of Vehicle at this Time.

14. **Note:** For strut alignment purposes, mark top hat upper strut mount isolator, rubber isolator & coil spring at top of strut. (See Photo # 8) Continue your mark from Step 11.

Compress coil spring on strut assembly with a suitable strut spring compressor & remove OEM upper strut isolator nut using a 18mm socket. (See Photo # 11)

**Tech Note:** Leave OEM coil spring isolator in place on top of OEM coil spring.

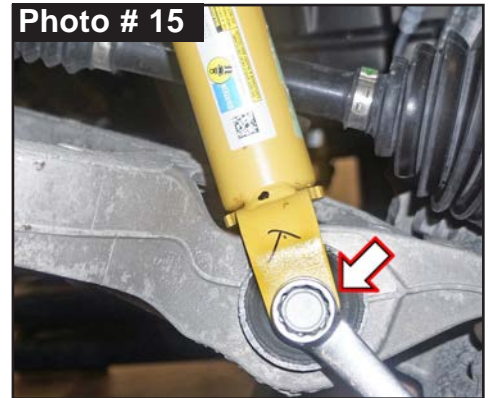
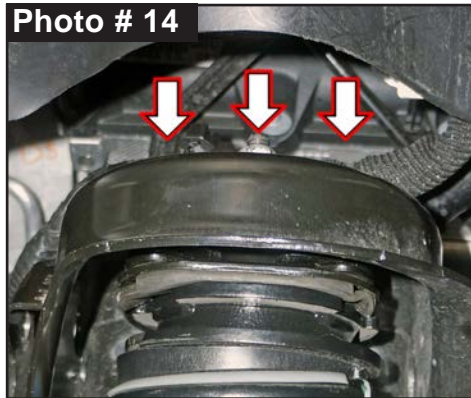
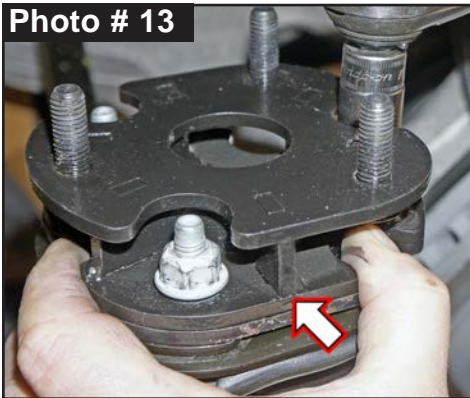
15. Install Skyjacker # R620MS-2 Lower Strut Spacer on top of OEM coil spring isolator pad with the upper cut outs of the spacer facing up & aligned with the OEM upper strut mount studs. (See Photo # 12)



Install OEM top hat upper strut mount 180 Degrees from the previous marks made in Step # 11. Assemble Skyjacker \ OEM strut assembly in strut spring compressor with OEM hardware using a 18mm socket.

16. **Note:** Skyjacker Upper Strut Spacers Are Not Side Specific: # R1930MS-1 Both Driver & Passenger. Install Skyjacker Upper Strut Spacer on top of Skyjacker \ OEM strut assembly with OEM hardware using a 16mm socket \ wrench. (See Photo # 13) Torque 30 ft-lbs.
17. Install Skyjacker \ OEM strut assembly into upper strut mount at frame with supplied with supplied 10mm Nylon Insert Flange Nuts using a 15mm wrench. (See Photo # 14) Secure, but **Do Not Completely Tighten**.

Connect lower strut mount to OEM LCA with OEM hardware using a 21mm & 24mm socket \ wrench. (See Photo # 15) Secure, but **Do Not Completely Tighten**.

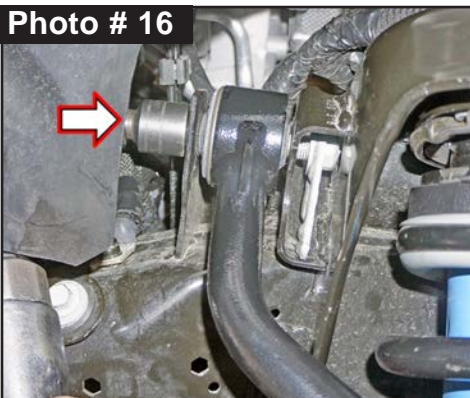


18. **Note:** Skyjacker UCA are Side Specific: Part number is on silver bar code label: # R1930UCA-L Driver & # R1930UCA-R Passenger. Install Skyjacker UCA to appropriate side of vehicle with OEM hardware using a 18mm socket \ wrench. (See Photo # 16)

Secure, but **Do Not Completely Tighten** control arm hardware at this time. To set bushings properly for ride height, these will be tightened once vehicle is on ground with full vehicle weight on tires \ wheels.

19. While supporting OEM lower control arm \ steering knuckle, connect Skyjacker UCA ball joint nut to OEM knuckle with supplied castle nut using a 18mm socket \ wrench. (See Photos# 17) Align cotter pin. **CAUTION:** Ensure castle nut & cotter pin align properly into Skyjacker UCA ball joint. Never loosen castle nut to align cotter pin; always tighten.

20. Grease Skyjacker UCA ball joint using a grease gun. **CAUTION:** Skyjacker UCA Ball Joint is not fully greased from factory. GREASE Must Be Added to Skyjacker UCA Ball Joint using a grease gun. (See Photos# 18)





21. Connect OEM brake line bracket to the frame with OEM hardware using a 13mm socket \ wrench. (See Photo # 19)



22. Connect OEM ABS line clip to Skyjacker UCA. (See Photo # 20)



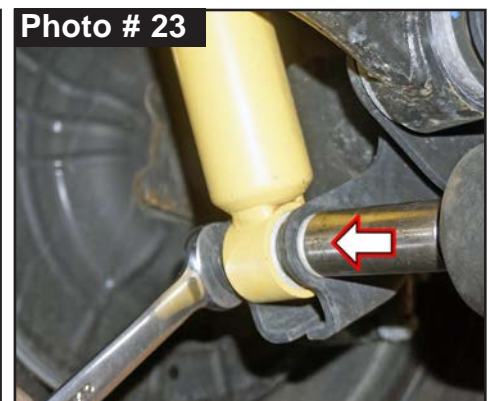
23. Connect OEM sway bar end links to OEM LCA with OEM hardware using a 18mm socket. (See Photo # 2)

24. Connect OEM outer tie rod end to OEM steering knuckle with OEM hardware using a 21mm socket \ wrench. (See Photo # 1)

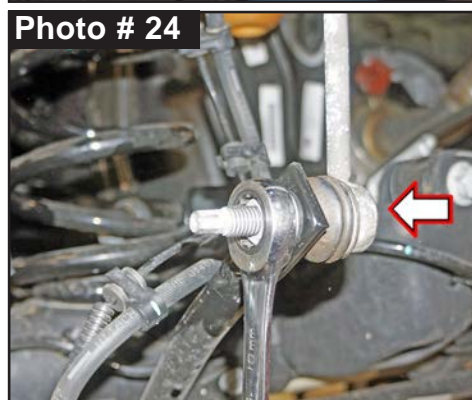
25. Install the front tires \ wheels using a 22mm socket & lower the front of the vehicle to the ground.

**Rear Installation: Note: Save all factory components & hardware for reuse, unless noted.**

1. Chock front tires \ wheels. Raise rear of vehicle & support frame rails using jack stands at indicated lift points in OEM service manual.
2. Remove rear tires \ wheels using a 22mm socket.
3. **Note:** To make it easier to access OEM upper shock mount, you can remove the forward facing inner fender liner. Loosen as few or as many fasteners you desire using a 8mm socket \ wrench. (See Photo # 21)
4. Support the rear differential & remove the OEM rear shocks. Remove upper mounting nut using a 18mm wrench for the nut & a 9mm wrench to hold the shock stud. (See Photo # 22) Remove lower mounting hardware using a 21mm socket \ wrench. (See Photo # 23)



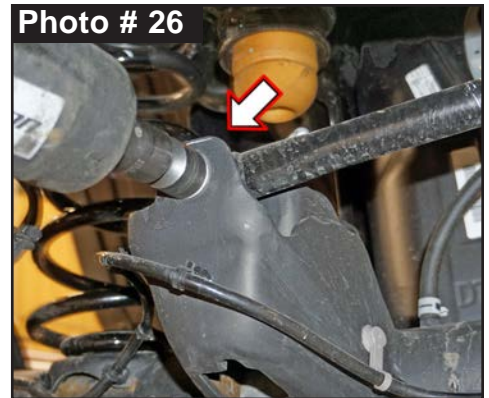
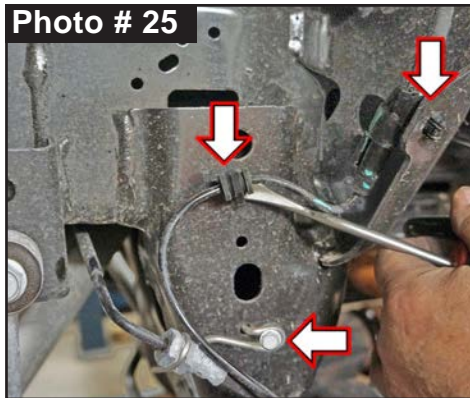
5. Disconnect OEM rear sway bar end link from rear sway bar using a 18mm socket \ wrench. (See Photo # 24)



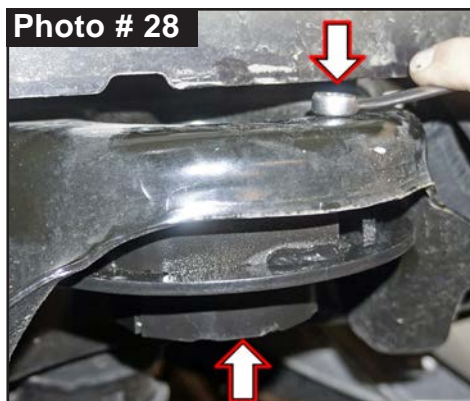
6. Disconnect OEM ABS line clips from the frame using a fastener removal tool. (See Photo # 25)

Disconnect OEM rear brake line bracket from the frame using a 13mm socket \ wrench. (See Photo # 25)

7. Disconnect OEM rear track bar from the rear differential using a 21mm socket \ wrench. (See Photo # 26)



8. While checking for appropriate slack in ABS lines, brake lines, differential vent hose, & etc. Lower the rear differential & remove OEM rear coil springs & coil spring isolators.
9. Install Skyjacker # R1920RBS-S Rear Bump Stop Spacer onto the OEM rear bump stop pad. (See Photo # 27) Install with supplied 5/16" x 1" Fine Thread Bolt with a 5/16" SAE Washer on top & 5/16" Nylon Insert Lock Nut on bottom using 1/2" wrenches. Install with supplied 3/8" x 1" Fine Thread Bolt with a 3/8" SAE Washer on top & 3/8" Nylon Insert Lock Nut on bottom using 9/16" wrenches.
10. Install Skyjacker Coil Spring Spacer into the OEM rear coil spring mount with the supplied 1/4" x 3/4" Bolt that is threaded into each Skyjacker spacer using a 7/16" wrench. (See Photo # 28)
11. Remove OEM inner alignment pin of the OEM rubber coil spring isolator that does not align with the alignment hole of the Skyjacker coil spring spacer. (See Photo # 29)



12. Install OEM rear coil spring isolator. (See Photo # 30) Install OEM rear coil spring. (See Photo # 31)

**Note:** It may be necessary to loosen the OEM upper & lower rear control arms using a 21mm & 24mm socket \ wrench in order to gain enough space for the OEM rear coil springs to be installed.





13. Raise the rear differential in order to load the OEM rear coil spring & connect OEM track bar to rear differential mount using a 21mm socket \ wrench. **Note:** If the OEM upper & lower rear control arms were loosened, tighten with OEM hardware using a 21mm & 24mm socket \ wrench. Secure, but **Do Not Completely Tighten** control arm hardware at this time. To set bushings properly for ride height, these will be tightened once vehicle is on ground with full vehicle weight on tires \ wheels.
14. Connect OEM ABS line clips to the frame. (See Photo # 25)
15. Connect OEM rear brake line bracket to the frame with OEM hardware using a 13mm socket \ wrench. (See Photo # 25)
16. Connect OEM rear sway bar end link to the sway bar with OEM hardware using a 18mm socket \ wrench. (See Photo # 24)

**NOTE: Kit With HYDRO, NITRO, Black MAX, or M95 Monotube: Proceed to Step 17.  
Kit With ADX 2.0 Remote Reservoir: Proceed to Step 18.**

17. Install Skyjacker rear shock. Connect upper mounting nut with supplied hardware using a 19mm & a 8mm wrench to hold the shock stud. (See Photo # 32) Connect lower shock mount with OEM hardware using a 21mm socket \ wrench. (See Photo # 33) Secure, but **Do Not Completely Tighten** at this time.



18. Locate Skyjacker ADX rear shock. Loosely assemble two (2) supplied reservoir clamps with two (2) supplied hex head bolts using a 5/32" Hex Key socket. Position clamp into place around shock body & reservoir cylinder. Secure, but **Do Not Completely Tighten** at this time. Install Skyjacker ADX rear shock. Connect upper mounting nut with supplied hardware using a 19mm wrench for the nut & a 8mm wrench to hold the shock stud. Connect lower shock mount with OEM hardware using a 21mm socket \ wrench. Secure, but **Do Not Completely Tighten** at this time.

**CAUTION:** Make Sure ADX Shock Reservoir \ Reservoir Hose Does Not & Will Not Make Contact with Anything Throughout the Full Travel Cycle of the Suspension. (frame, frame brackets, springs, brake lines, exhaust, etc.) For proper clearance, it may be necessary to change the location or orientation of the reservoir on the shock body. Use a 5/32" Hex Key socket to loosen clamps to position reservoir cylinder as needed.

19. Install the forward facing OEM rear inner fender liners with OEM hardware using a 8mm socket \ wrench.
20. Install the rear tires \ wheels using a 22mm socket & lower the vehicle to the ground.

### **Final Front Steps:**

1. Start vehicle. Make sure there are no dash lights pertaining to suspension.



2. 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 Shocks & Reservoirs, control arms, brake hoses, ABS wiring, etc.
3. Tighten both Skyjacker UCAs using a 18mm socket \ wrench to set bushings properly for ride height. Torque 125 ft.-lbs. **Note:** Final torque will be set by alignment technician.
4. **Front Tighten & Torque Sequence.**  
 Front strut assembly upper mount using a 15mm socket \ wrench. Torque 30 ft-lbs.  
 Front strut assembly lower mount using a 21mm & 24mm socket \ wrench. Torque 150 ft-lbs.  
 Tie rod end to steering knuckle using a 21mm socket \ wrench. Torque 65 ft-lbs.  
 Sway bar end link to lower control arm using a 18mm socket \ wrench. Torque 35 ft-lbs.
5. **Rear Tighten & Torque Sequence.**  
 Rear shock absorber upper mount using a 18mm & a 19mm socket \ wrench. Torque 65 ft-lbs.  
 Rear shock absorber lower mount using a 21mm socket \ wrench. Torque 65 ft-lbs.  
 ADX Reservoir clamp. Double check position & clearance. Tighten with 5/32" Hex Key socket.  
 Rear track bar at differential mount using a 21mm socket \ wrench. Torque 130 ft-lbs.  
 Rear upper control arm mounts using a 21mm & 24mm socket \ wrench Torque 210 ft.-lbs.  
 Rear lower control arm mounts using a 21mm & 24mm socket \ wrench Torque 210 ft.-lbs.

**Final Notes:**

- After installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for proper torque specifications. (**Note:** Do not re-tighten nuts & bolts where thread lock compound was used.)
- With vehicle placed on ground, cycle steering lock to lock & inspect steering, suspension, brake lines, front & rear drivelines, fuel lines & wiring harnesses for proper operation, tightness & adequate clearance.
- Have headlights readjusted to proper settings.
- Have a qualified alignment center align vehicle to OEM specifications.
- After first 100 miles, check all hardware for proper torque & periodically thereafter.

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

<b>TORQUE SPECIFICATIONS</b>					
<b>INCH SYSTEM</b>			<b>METRIC SYSTEM</b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
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

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



**JESUS FORGIVES ROCKS DON'T**

### *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!

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)

### *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

“9 Que si confi esas con tu boca que Jesús es el Señor, y crees en tu corazón que Dios lo levantó de entre los muertos, serás salvo. 10 Porque con el corazón se cree para ser justifi cado, pero con la boca se confi esa 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! Amen.

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)

### Check out our favorite ministries at:



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