

Required Tools List:

- **SAE Sockets \ Wrenches**
(7/16", 9/16", 5/8", 3/4", 13/16", 7/8", 15/16", 1-1/16", 1-1/8", 1-3/16", 1-1/4", & 1-13/16")
- **Metric Sockets \ Wrenches**
(10mm, 13mm, 15mm, 16mm, 18mm, 21mm, 24mm, 27mm, 30mm, 32mm, & 46mm)
- **Brake Line \ Flare Nut Wrenches**
(11mm, 13mm, 16mm & 7/16", 1/2", 11/16")
- **Plastic Fastener Removal Tool**
- **Adjustable Channel Lock Pliers**
- **Adjustable Locking Pliers**
- **Diagonal Cutting Pliers**
- **Standard Screwdriver**
- **Brake Line Tubing Bender**
- **Tie Rod Puller Tool (6" Lift)**
- **Pitman Arm Puller Tool (6" Lift)**
- **Arbor Press (6" Lift)**
- **Ball Peen Hammer**
- **Safety Glasses** • **Jack Stands**
- **Wheel Chock** • **Floor Jack**
- **Measuring Tape** • **Torque Wrench**



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.

Please Record Important Measurement Information Below for Reference.

It Is Very Helpful on Determining an Accurate Achieved Lift Height Measurement.

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.

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 Following Models:
 - Does NOT Fit Models with 4-Inch Rear Axle Tube.
 - Does NOT Fit Dually Models.
 - Models Equipped with TREMOR Trim Package Will Achieve Less Lift.
- If Larger Tires (10% More Than OEM Diameter) Are Installed, Speedometer Recalibration Will Be Necessary. Contact Your Local FORD Dealer or an Authorized Skyjacker[®] Dealer for Details.

- After Installation, a Qualified Alignment Facility Is Required to Align Vehicle to OEM Specifications.
- Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven. Failure to Do So Will Cause Computer Errors, Odd Handling Characteristics, & Poor Performance.
- **6" Lift:** If Front Driveshaft Vibration Occurs, Order Extended Length Dual CV Driveshaft.
Part # F17685DS.

Component Box Breakdown:

Part # F540 (Gas Engine)

Item #	Description	Qty
F540S	COIL SPRING, 4" SOFTRIDE	2

Part # F545V (Diesel Engine)

Item #	Description	Qty
F545VS	COIL SPRING, 4" VARIABLE RATE	2

Part # F560 (Gas Engine)

Item #	Description	Qty
F560S	COIL SPRING, 4" SOFTRIDE	2

Part # F565V (Diesel Engine)

Item #	Description	Qty
F565VS	COIL SPRING, 6" VARIABLE RATE	2

Part # F17451

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1740-B	TRACK BAR BRACKET	1
H-BOX F17451	HDWR BOX: F17451, 4"	1

Part # F17451S

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1740-B	TRACK BAR BRACKET	1
H-BOX F17451S	HDWR BOX: F17451S, 4"	1

Part # F174513

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1740-B	TRACK BAR BRACKET	1
H-BOX F174513	HDWR BOX: F174513, 4"	1

Part # F17651

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
FA450	PITMAN ARM, F250\F350	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1146-B	TRACK BAR BRACKET	1
H-BOX F17651	HDWR BOX: F17651, 6"	1

Component Box Breakdown:

Part # F17651S

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
FA450	PITMAN ARM, F250\F350	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1146-B	TRACK BAR BRACKET	1
H-BOX F17651S	HDWR BOX: F17651S, 6"	1

Part # F176513

Item #	Description	Qty
7011-B	STEERING STABILIZER BRACKET	1
FA450	PITMAN ARM, F250\F350	1
RAB546-S	RADIUS ARM BRACKET, SINGLE	2
TB1146-B	TRACK BAR BRACKET	1
H-BOX F176513	HDWR BOX: F176513, 6"	1

Hardware Box Breakdown:

Part # H-BOX F17451

Item #	Description	Qty
BSS275-B	BUMP STOP SPACER, 2.75" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RB20	REAR BLOCK, 2" TAPERED	2
SBL20-L	SWAY BAR LOWERING BRKT, DR	1
SBL20-R	SWAY BAR LOWERING BRKT, PA	1
58X325X16SPU	5/8 X 3-1/4 X 16 U-BOLT, FORD	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17451BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Part # H-BOX F17451S

Item #	Description	Qty
BSS275-B	BUMP STOP SPACER, 2.75" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RB20	REAR BLOCK, 2" TAPERED	2
SBL20-L	SWAY BAR LOWERING BRKT, DR	1
SBL20-R	SWAY BAR LOWERING BRKT, PA	1
58X318X1312U	5/8 X 3-1/8 X 13-1/2 U-BOLT, SQ	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17451BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Hardware Box Breakdown:**Part # H-BOX F174513**

Item #	Description	Qty
BSS275-B	BUMP STOP SPACER, 2.75" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RB20	REAR BLOCK, 2" TAPERED	2
SBL20-L	SWAY BAR LOWERING BRKT, DR	1
SBL20-R	SWAY BAR LOWERING BRKT, PA	1
58X325X18SPU	5/8 X 3-1/4 X 18 U-BOLT, FORD	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17451BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Part # H-BOX F17651

Item #	Description	Qty
BSS45-B	BUMP STOP SPACER, 4.5" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RB45	REAR BLOCK, 4.5" TAPERED	2
RBL17S	BRAKE LINE W/FITTINGS, REAR	2
SBL40-L	SWAY BAR LOWERING BRKT, DR	1
SBL40-R	SWAY BAR LOWERING BRKT, PA	1
VT53229	VACUUM TUBING, 5/32" X 29" L	1
58X325X18SPU	5/8 X 3-1/4 X 18 U-BOLT, FORD	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17SDSS	HDWR BAG: STRG STABILIZER	1
HB-17651BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-F1768EC	HDWR BAG: E BRAKE BRKT, RR	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Part # H-BOX F17651S

Item #	Description	Qty
BSS45-B	BUMP STOP SPACER, 4.5" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RBL17S	BRAKE LINE W/FITTINGS, REAR	2
SBL40-L	SWAY BAR LOWERING BRKT, DR	1
SBL40-R	SWAY BAR LOWERING BRKT, PA	1
SP348-B	SPRING PLATE, REAR F250\F350	2
VT53229	VACUUM TUBING, 5/32" X 29" L	1
58X318X1312U	5/8 X 3-1/8 X 13-1/2 U-BOLT, SQ	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17SDSS	HDWR BAG: STRG STABILIZER	1
HB-17651BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-F1768EC	HDWR BAG: E BRAKE BRKT, RR	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Hardware Box Breakdown:**Part # H-BOX F176513**

Item #	Description	Qty
BSS45-B	BUMP STOP SPACER, 4.5" TALL	2
F174BE-D	BRAKE LINE EXT. BRACKET, DR	1
F174BE-P	BRAKE LINE EXT. BRACKET, PA	1
RB45	REAR BLOCK, 4.5" TAPERED	2
RBL17S	BRAKE LINE W/FITTINGS, REAR	2
SBL40-L	SWAY BAR LOWERING BRKT, DR	1
SBL40-R	SWAY BAR LOWERING BRKT, PA	1
VT53229	VACUUM TUBING, 5/32" X 29" L	1
58X325X20SPU	5/8 X 3-1/4 X 20 U-BOLT, FORD	4
HB-17250TBS	HDWR BAG: TRK BAR & SWAY BAR	1
HB-17SDSS	HDWR BAG: STRG STABILIZER	1
HB-17651BSS	HDWR BAG: BUMP STOP\ S. STAB	1
HB-F1768EC	HDWR BAG: E-BRAKE BRKT, RR	1
HB-58	HDWR BAG: 5/8 N/I LOCK NUT	1
HB-RAB545	HDWR BAG: RADIUS ARM BRKT	1

Hardware Bag Breakdown:**Part # HB-17SDSS**

Item #	Description	Qty
F1768SSB-B	STEERING STABILIZER BRACKET	1
SBEBUSH-5815	BUSHING, 5/8" ID x 1.50" LONG	1
141509	ES25 SLEEVE, 1.50" LONG	1
SSB1768-T	STRG STAB TAPERED SLEEVE	1
12X234FTB	1/2 X 2-3/4 FINE THREAD BOLT	1
12SAEW	1/2 SAE WASHER	4
12FTN	1/2 FINE THREAD N/I LOCK NUT	1
12X60MMB	12MM X 60MM BOLT / 10.9	1
12MMN	12MM NYLON INSERT LOCK NUT	1
916X214FTB	9/16 X 2-1/4 FINE THREAD BOLT	1
916SAEW	9/16 SAE WASHER	2
916FTN	9/16 FINE THREAD N/I LOCK NUT	1

Part # HB-17250TBS

Item #	Description	Qty
BTIE-K	PLASTIC CABLE TIE , BLACK	10
D260PSS-S	ANTI-CRUSH SPACER 0.938" LONG	3
716X112FTB	7/16 X 1-1/2 FINE THREAD BOLT	4
716FTN	7/16 FINE THREAD N/I LOCK NUT	4
716SAEW	7/16 SAE WASHER	8
916X3FTB	9/16 X 3 FINE THREAD BOLT	3
916FTN	9/16 FINE THREAD N/I LOCK NUT	3
916SAEW	9/16 SAE WASHER	6

Hardware Bag Breakdown:**Part # HB-17451BSS**

Item #	Description	Qty
8X90MMB	8MM X 90MM BOLT / 10.9	2
516SAEW	5/16 SAE WASHER	2
12X60MMB	12MM X 60MM BOLT / 10.9	1
12MMN	12MM NYLON INSERT LOCK NUT	1
12SAEW	1/2 SAE WASHER	2
LT100	THREAD LOCK COMPOUND, TUBE	1

Part # HB-17651BSS

Item #	Description	Qty
8X90MMB	8MM X 140MM BOLT / 10.9	2
516SAEW	5/16 SAE WASHER	2
LT100	THREAD LOCK COMPOUND, TUBE	1

Part # HB-RAB545

Item #	Description	Qty
34X2CTB	3/4 X 2 COARSE THREAD BOLT	8
34CTN	3/4 COARSE THRD N/I LOCK NUT	8
34SAEW	3/4 SAE WASHER	16

Hardware Bag Breakdown:**Part # HB-F1768EC**

Item #	Description	Qty
F17RBE-B	E-BRAKE CABLE EXT, FRAME	1
F960ECB	E-BRAKE CABLE BRACKET	1
F960ECE	E-BRAKE CABLE EXTENSION	1
12X112FTB	1/2 X 1-1/2 FINE THREAD BOLT	1
12FTN	1/2-20 FINE N/I LOCK NUT	1
12SAEW	1/2 SAE WASHER	2
38X1FTB	3/8 X 1 FINE THREAD BOLT	3
38FTN	3/8-24 FINE N/I LOCK NUT	3
38SAEW	3/8 SAE WASHER	6
14X1FTB	1/4 X 1 FINE THREAD BOLT	1
14FTN	1/4-28 FINE N/I LOCK NUT	1
14SAEW	1/4 SAE WASHER	2

Part # HB-58

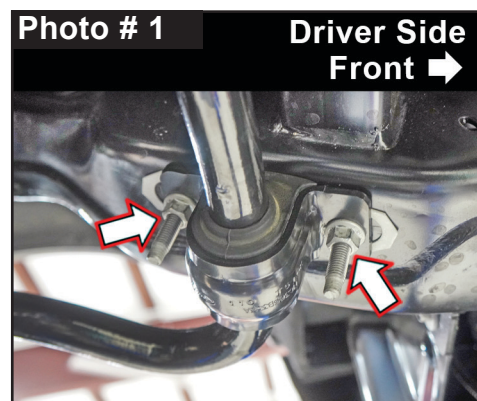
Item #	Description	Qty
58FTN	5/8 FINE THREAD N/I LOCK NUT	8

Pre-Installation Tips: Install Shock Boots, Bushings & Sleeves.

1. Install supplied Shock Boot over Skyjacker Shock. Attach boot to cylinder body with supplied Boot Cable Tie. Remove excess cable tie with diagonal cutting pliers.
2. Coat Hourglass Bushings with a water resistant grease & press into each shock eye. Coat Sleeve & press into shock eye bushings.

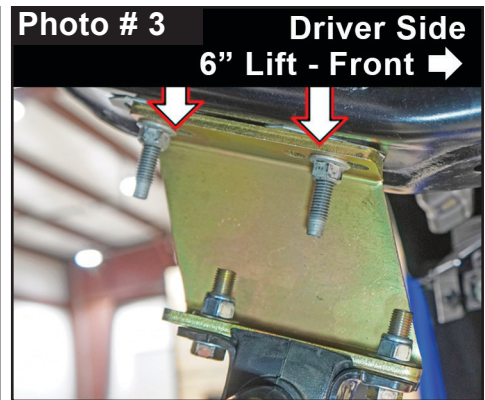
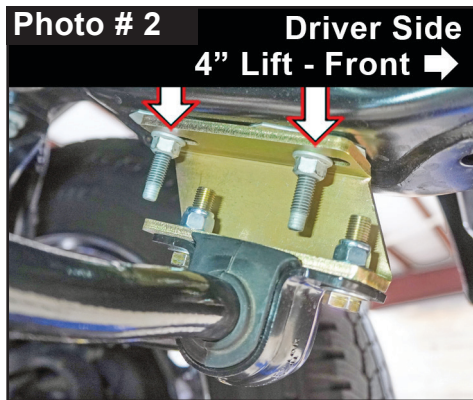
Front Installation: Note: Save all factory components & hardware for reuse, unless noted.

1. Chock rear tires\wheels. Ensure that vehicle transmission is in PARK & engage emergency brake. **Note:** Be sure steering wheel\wheels are pointing straight forward.
2. Raise front of vehicle, support frame rails using jack stands at indicated lift points in OEM service manual. **Tech Note:** OEM radius arms will need to move freely during this installation.
3. Remove front tires\wheels using a 21mm socket.
4. Disconnect OEM front sway bar from frame mounts using a 15mm socket\wrench. (Photo # 1)
5. **Note:** Skyjacker Sway Bar Lowering Brackets Are Side Specific. Part number is on silver bar code label:
4" Lift: # SBL20-L Driver & # SBL20-R Passenger.
6" Lift: # SBL40-L Driver & # SBL40-R Passenger.
Tech Note: Bracket bend goes toward inside of vehicle & flat side of bracket goes toward outside of vehicle. Bracket's side profile angles\slopes to front. (Photo # 2 & # 3)

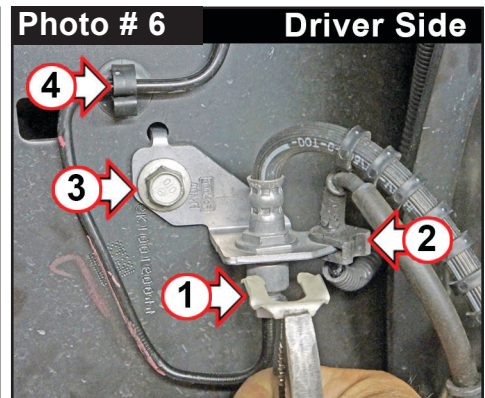
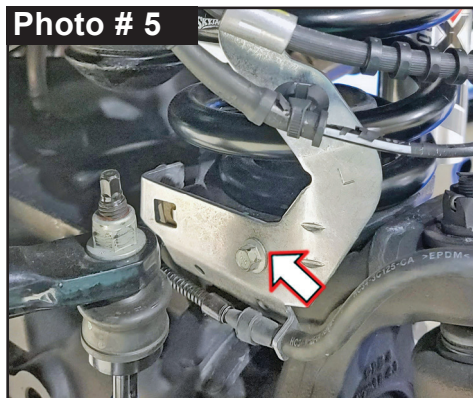
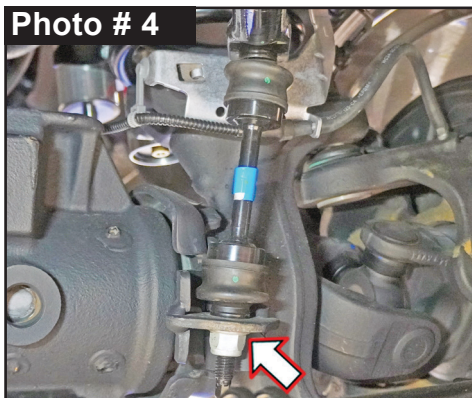


6. Install Skyjacker Sway Bar Lowering Bracket to appropriate side of vehicle frame mount with OEM hardware using a 15mm wrench. (Photo # 2) Secure, but **Do Not Completely Tighten** at this time.

Connect OEM sway bar mount to Skyjacker Sway Bar Lowering Bracket with supplied 7/16" x 1-1/2" Fine Thread Bolt with 7/16" SAE Washer bottom & 7/16" SAE Washer with 7/16" Nylon Insert Lock Nut top using a 5/8" socket \ wrench. (Photo # 2 & # 3) Tighten OEM Hardware. Torque 50 ft.-lbs. Tighten 7/16" Hardware Torque 60 ft.-lbs.



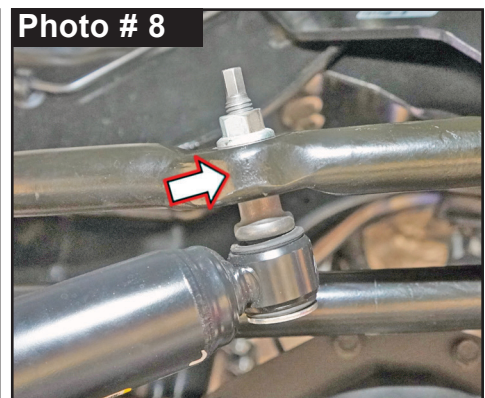
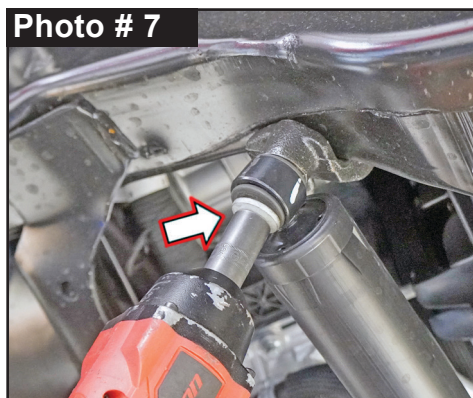
7. Disconnect OEM front sway bar end links from OEM sway bar at axle mount using an 18mm socket \ wrench. (Photo # 4)
8. Disconnect OEM brake line bracket at axle mount using a 10mm socket \ wrench. (Photo # 5)
9. Remove OEM brake line clip from OEM brake line \ bracket using pliers. (Photo # 6)
Disconnect OEM ABS wire clip from OEM brake line bracket. (Photo # 6)
Remove OEM brake line bracket from frame mount using a 13mm socket \ wrench. (Photo # 6)
Remove metal OEM brake line from OEM frame clip. (Photo # 6)



10. Disconnect OEM steering stabilizer from passenger side OEM frame bracket using a 15mm socket \ wrench. (Photo # 7)

6" Lift: Disconnect OEM steering stabilizer from OEM drag link using an 18mm socket \ wrench. (Photo # 8)
Separate OEM tapered stud from OEM drag link.

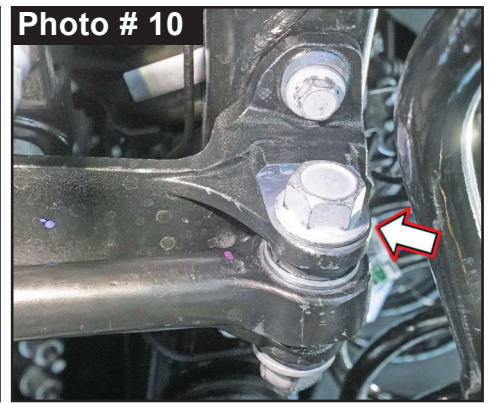
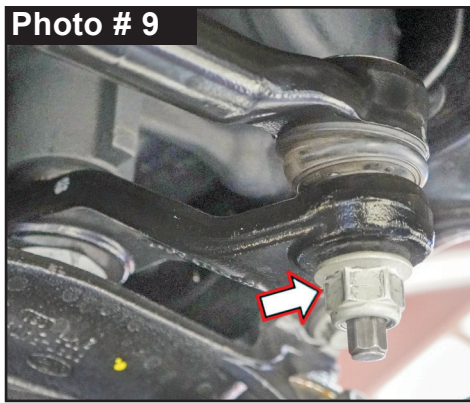
Tech Note: To unseat stud, strike bulge of drag link using ball peen hammer to dislodge. Or use a tie rod puller tool to separate. **Note:** Check drag link stud for excessive play or excessive wear. If worn, drag link must be replaced.



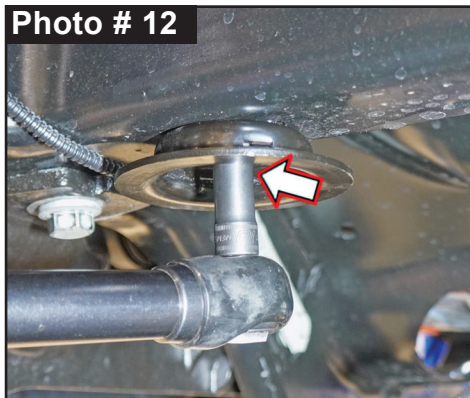
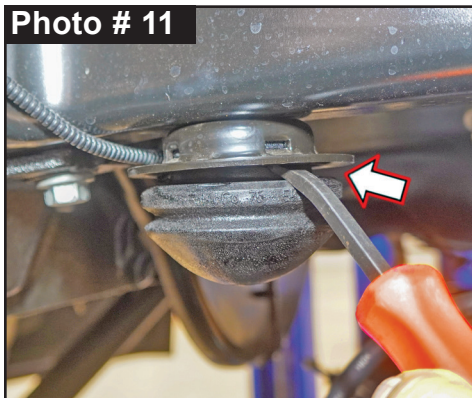
11. If equipped, remove OEM cotter pin from OEM drag link at pitman arm using pliers.

Remove OEM nut from OEM drag link at pitman arm using 24mm socket \ wrench. Disconnect drag link & pitman arm using appropriate puller tool (Photo # 9)

Tech Note: Hang drag link up out of way using wire, a hook or bungee.



12. Disconnect OEM track bar from OEM track bar frame mount bracket using a 1-3/16" \ 30mm & 1-1/4" socket \ wrench. (Photo # 10)
13. Remove OEM bump stop using adjustable channel lock pliers or a flat screwdriver. (Photo # 11)
- Remove OEM bump stop cup from frame using a 13mm socket \ wrench. (Photo # 12)
- In order for OEM bump stop cups to sit flush against Skyjacker Bump Stop Spacer, tap locator tab on top of OEM bump stop cup flat using a hammer. (Photo # 13)



14. **Note:** Skyjacker Bump Stop Spacers Are Not Side Specific.

4" Lift: # BSS275-B two (2) 2-3/4" Bump Stop Spacers with an 8mm x 90mm Bolts

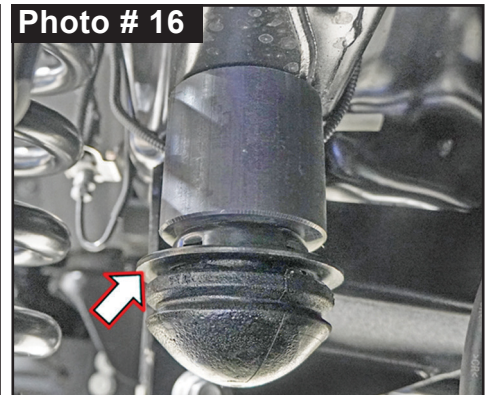
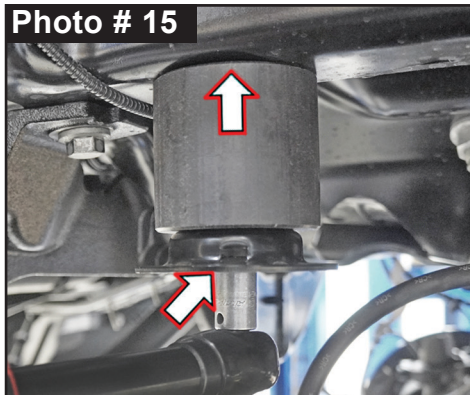
6" Lift: # BSS45-S two (2) 4-1/2" Bump Stop Spacers with an 8mm x 140mm Bolts

Place supplied 5/16" SAE Washer onto 8mm bolt. (Photo # 14)

Apply a few drops of supplied # LT100 Thread Lock Compound onto 8mm bolt.

15. Install Bump Stop Spacer with OEM bump stop cup to frame mount using a 13mm socket \ wrench. (Photo # 15) Torque 23 ft.-lbs.

Install OEM bump stop into OEM bump stop cup. (Photo # 16)



16. Position a hydraulic jack under front differential. Raise jack until suspension begins to compress slightly.

Disconnect OEM front shocks at lower mount using an 18mm socket \wrench. (Photo # 17)

Disconnect OEM front shocks at upper mount using a 21mm socket \wrench. (Photo # 18)

17. Disconnect OEM axle vacuum line from OEM radius arm using a plastic fastener removal tool. (Photo # 18) Disconnect OEM axle vent tube from differential mount. (Photo # 19)

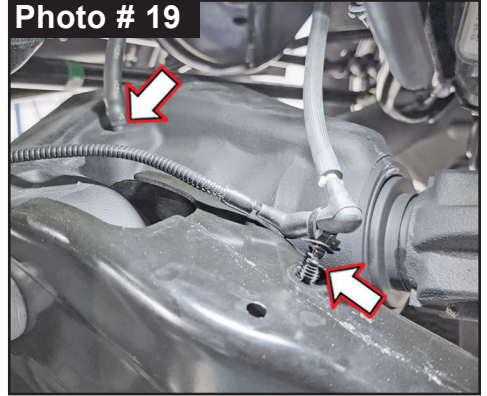
Photo # 17



Photo # 18

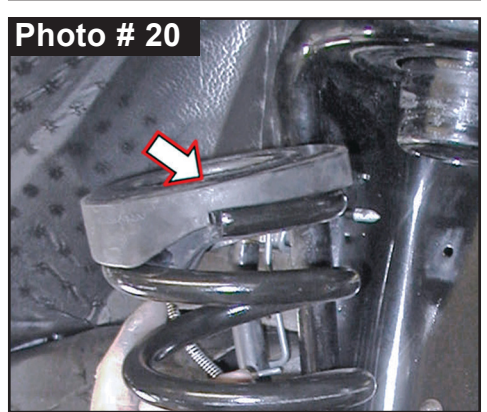


Photo # 19



18. While checking for appropriate slack in axle vacuum lines, ABS lines, brake lines, vent hose, & etc. Lower front differential. Remove OEM front coil springs. **Note:** Retain OEM upper rubber isolator pads. Isolators will be used when front coil springs are installed. (Photo # 20)

Photo # 20



NOTE: If 4-Link Conversion Kit Was Purchased, Refer to Separate Instructions at this Time.

Note: Perform Steps 19-21 on One Side at a Time.

19. Loosen, but do not remove, OEM radius arm bolts at axle mount using a 24mm & 1-1/16" \27mm socket \wrench. (Photo # 21) **Tech Note:** Driver side upper bolt has nut welded to OEM radius arm.

Photo # 21

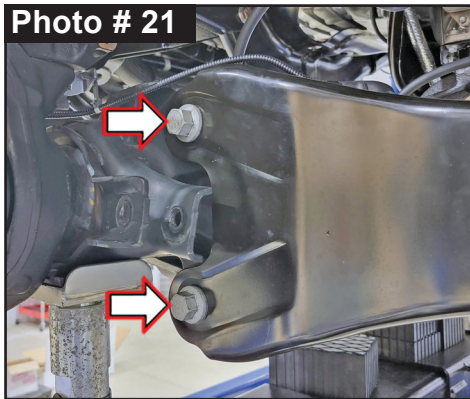
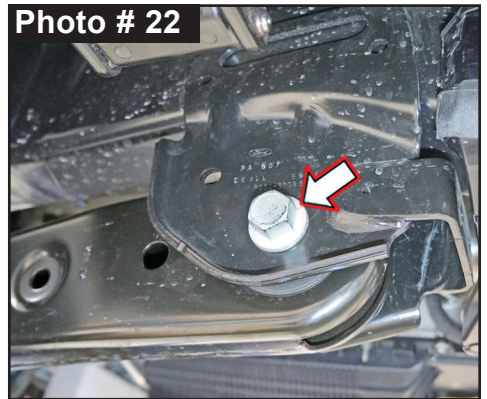


Photo # 22

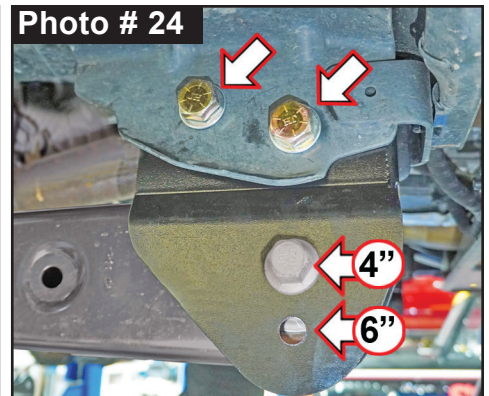
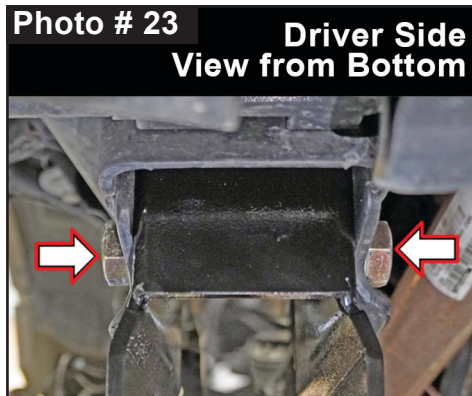


Disconnect OEM radius arm from OEM frame bracket using a 24mm socket \wrench. (Photo # 22)

20. **Note:** Skyjacker Radius Arm Drop Brackets Are Not Side Specific: # RAB546-S Driver Side or Passenger Side.

Install Skyjacker Radius Arm Drop Bracket into OEM frame mount with supplied hardware from outside-to-inside of each mounting hole.

Insert supplied 3/4" x 2" Fine Thread Bolt with 3/4" SAE Washer through OEM mount & Skyjacker bracket. Attach with 3/4" SAE Washer with 3/4" Nylon Insert Lock Nut using a 1-1/16" \ 27mm & 1-1/8" socket \ wrench. (Photo # 23 & # 24)
Torque 185 ft.-lbs.



21. Connect OEM radius arm to OEM axle mount with OEM hardware using a 24mm & 1-1/16" \ 27mm socket \ wrench.

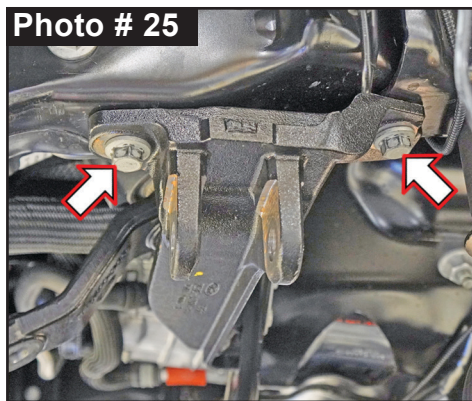
Connect OEM radius arm to Skyjacker Radius Arm Bracket with OEM hardware using a 24mm socket \ wrench. (Photo # 24) Secure, but **Do Not Completely Tighten** at this time.

4" Lift, Install into upper mounting hole of Skyjacker Bracket.

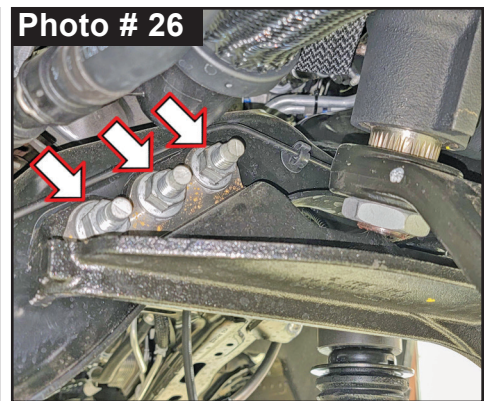
6" Lift, Install into lower mounting hole of Skyjacker Bracket.

Note: Perform Steps 17-21 on Opposite Side Now. Then Proceed to Step 22.

22. Remove two (2) bolts at OEM track bar frame mount bracket using an 18mm socket \ wrench. **Note:** OEM tab nuts are on top of frame. (Photo # 25)



Remove three (3) bolts at crossmember mount using a 21mm socket \ wrench. (Photo # 26)

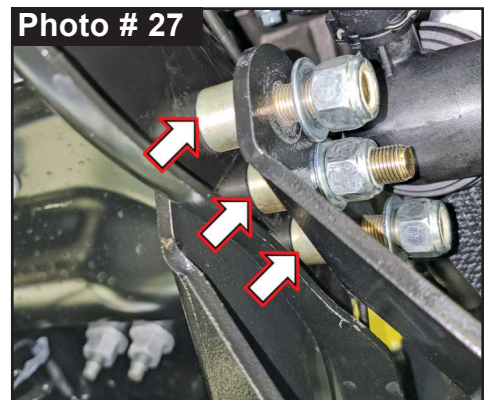


23. Attach Skyjacker Track Bar Bracket to front OEM crossmember.

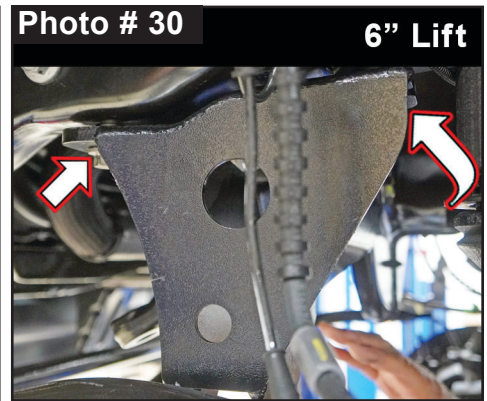
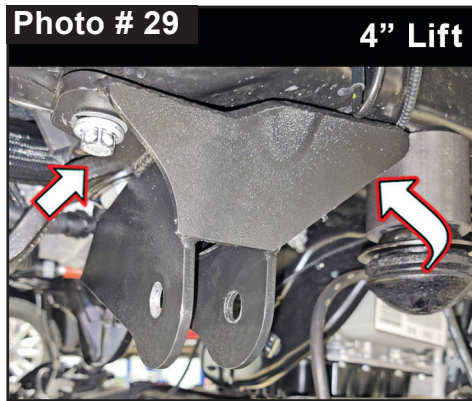
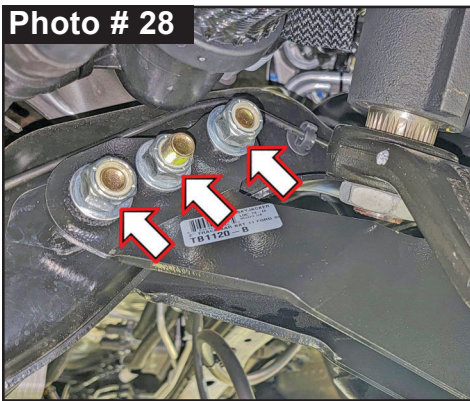
4" Lift: # TB1740-B Front Track Bar Bracket

6" Lift: # TB1146-B Front Track Bar Bracket

Insert supplied 9/16" x 3" Fine Thread Bolt with 9/16" SAE Washer from front-to-rear through bracket \ crossmember mount. Place # D260PSS-S Anti-Crush Spacer (0.938" Long) inside bracket. Insert bolt through bracket \ crossmember mount. (Photo # 27)



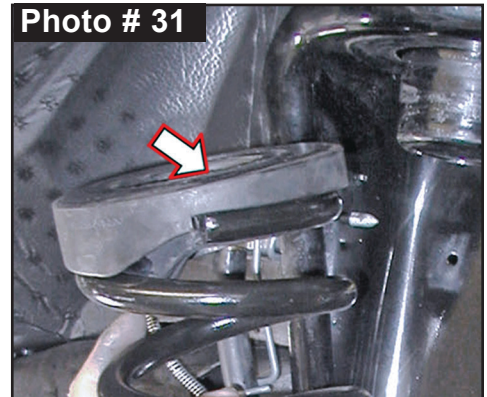
24. Attach with 9/16" SAE Washer & 9/16" Nylon Insert Lock Nut using a 13/16" & 7/8" socket \ wrench. (Photo # 28) Secure, but **Do Not Completely Tighten** at this time.
25. Attach Skyjacker track bar bracket to frame with two (2) OEM bolts & tab nuts using an 18mm socket \ wrench. (Photo # 29 & # 30) Torque 95 ft.-lbs.
- Tighten all track bar bracket 9/16" hardware at this time. Torque 130 ft.-lbs.



26. Lower OEM axle & install Skyjacker Front Coil Spring. Be sure coil spring is seated properly into OEM lower coil spring seat by rotating coil until pigtail hits spring stop. (Photo # 31)
- Note:** Be sure OEM upper coil spring isolator is properly aligned with coil & upper coil spring mount.

Raise front axle in order to load coil springs assembly.

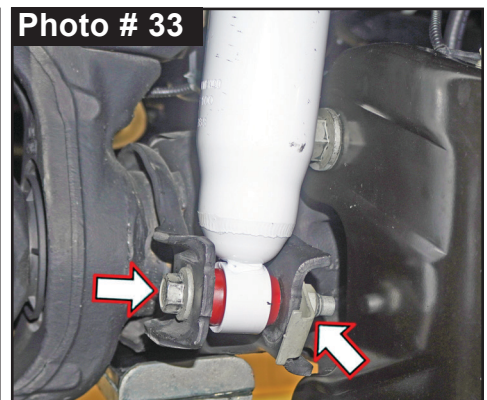
NOTE: Kit With HYDRO, NITRO, Black MAX, or M95 Monotube:
Proceed to Step 27.
Kit With ADX 2.0 Remote Reservoir: Proceed to Step 28.



27. Connect Skyjacker front shock at upper shock tower mount using an 18mm socket \ wrench. (Photo # 32) Secure, but **Do Not Completely Tighten** at this time.

Connect Skyjacker shock at lower axle mount with OEM hardware using a 21mm socket \ wrench.

(Photo # 33) Secure, but **Do Not Completely Tighten** at this time. **Note:** To set bushings properly for ride height, these will be tightened once vehicle is on ground with full vehicle weight on tires \ wheels. **Proceed to Step 29.**



28. Locate Skyjacker ADX front shock. Loosely assemble two (2) supplied reservoir clamps with two (2) supplied hex head bolts using a hex key socket (one (1) front & one (1) back). Position clamp into place around shock body & reservoir cylinder. Secure, but **Do Not Completely Tighten**.

Install Skyjacker ADX front shock. (Photo # 34)

Connect upper shock mount with OEM hardware using a 18mm socket \ wrench. 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 Full Travel Cycle of Suspension. (Tire \ wheel, frame rail, frame brackets, springs, brake lines, exhaust, etc.) For proper clearance, it may be necessary to change location or orientation of reservoir on shock body. Use a hex key socket to loosen clamps to position reservoir cylinder as needed.

Proceed to Step 29.



Note: Perform Brake Line Steps 29-34 on One Side at a Time.

29. Unclip all OEM ABS line rubber grommets from OEM brake line rubber keepers.

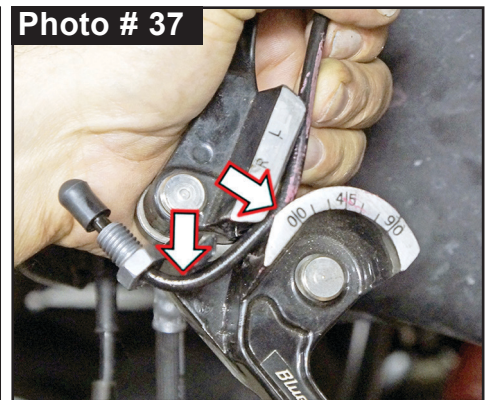
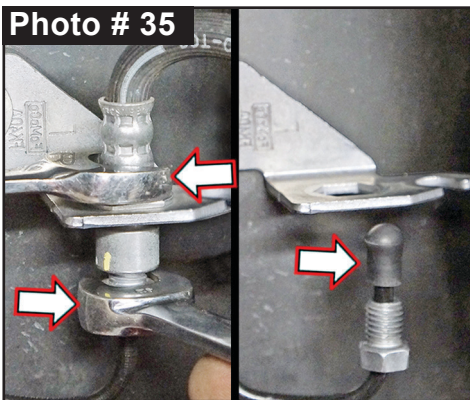
Disconnect OEM front flex brake line from OEM front hard brake line using a 13mm & 16mm brake line \ flare nut wrench. (Photo # 35) **Tech Note:** Cover end of OEM hard brake line to prevent fluid from leaking using a vacuum hose cap or suitable cover.

30. **Note:** Skyjacker Brake Line Extension Brackets Are Side Specific.
F174BE-D Driver & # F174BE-P Passenger.

Attach OEM \ Skyjacker Bracket into appropriate OEM frame mount with OEM bolt using a 13mm socket \ wrench. (Photo # 36) Torque 23 ft.-lbs.

31. **Note:** OEM front hard brake line must be straighten to come in from top & OEM flex brake line rotates to come in through bottom. (Photo # 38)

While holding OEM front hard brake line in place, straighten OEM front hard brake line using a tubing bender. (Photo # 37) **CAUTION:** Be extremely careful not to crimp or damage OEM hard brake lines while straightening.



32. Rotate OEM front flex brake line 180 degrees up through bottom of Skyjacker brake line bracket. Install OEM brake line clip on top of OEM brake line. Line up clip with OEM brake line clip notch & tap it into position to secure it in place. (Photo # 38)

Carefully thread OEM front hard brake line into OEM front flex brake line. **Note:** Take care to not cross thread fittings. Tighten using a 13mm & 16mm brake line \ flare nut wrench.

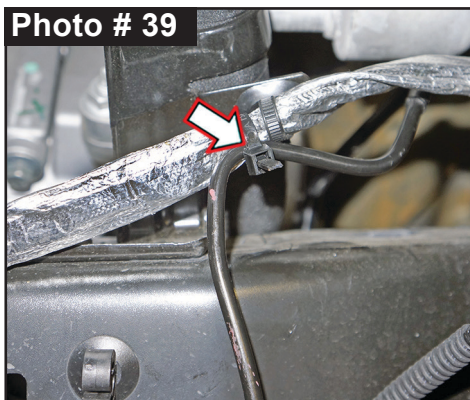
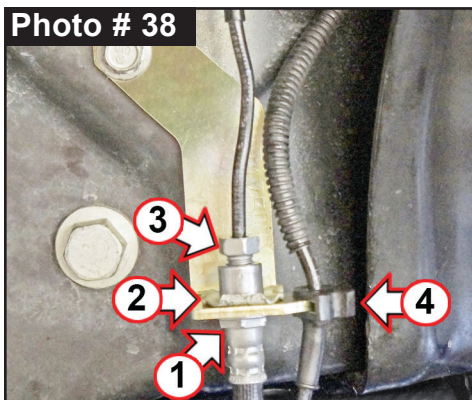
Connect OEM ABS wire clip to Skyjacker Brake Line Bracket. (Photo # 38)

33. Attach OEM front hard brake line to a secure point on OEM chassis with supplied plastic ties. Trim with diagonal cutting pliers. (Photo # 39)

Lubricate OEM ABS line rubber grommets. Adjust upward \ downward to route OEM ABS line with OEM brake line. Attach rubber grommets to OEM brake line with supplied plastic ties. Trim with diagonal cutting pliers.

34. Connect OEM brake line bracket at OEM axle mount with OEM bolt using a 13mm socket \ wrench. (Photo # 40)

CAUTION: Do Not Drive Vehicle until you have bleed brake line system & have a firm brake pedal.



Note: Perform Steps 29-34 on Opposite Side Now. Then Proceed to Step 35.

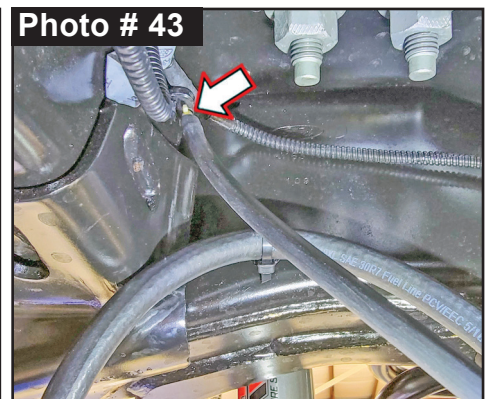
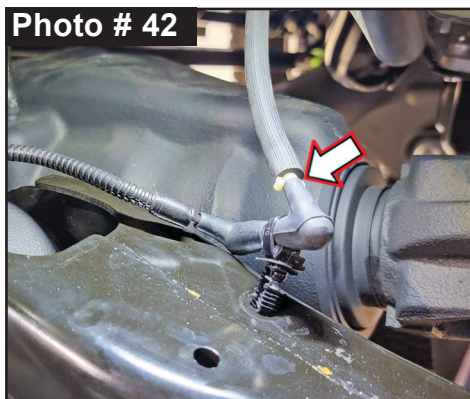
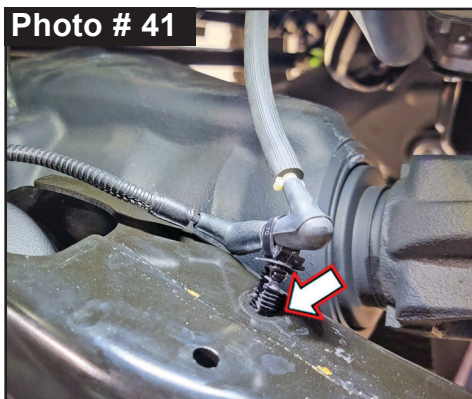
35. **4" Lift:** Attach OEM axle vacuum line connector into OEM radius arm mount hole. (Photo # 41)

6" Lift: Disconnect OEM axle vacuum line from OEM radius arm connector. (Photo # 42)

Disconnect OEM axle vacuum line from upper OEM frame mount. (Photo # 43)

Replace with supplied # VT53229 5/32" x 29" Vacuum Tube. **Note:** Trim hose to needed length.

Attach OEM axle vacuum line connector into OEM radius arm mount hole. (Photo # 41)



36. Remove OEM steering stabilizer frame bracket from passenger side OEM frame using a 13mm socket \ wrench. (Photo # 44)

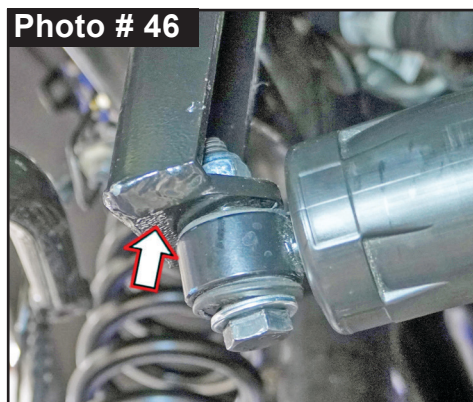
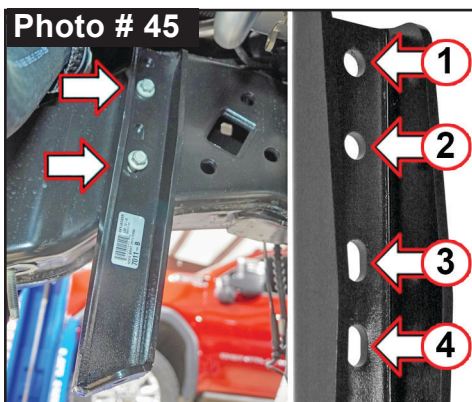
37. Install Skyjacker # 7011-B Steering Stabilizer Drop Bracket into OEM into position aligning mounting holes of Skyjacker bracket with OEM studs on frame. Attach with OEM hardware using a 13mm socket \ wrench. (Photo # 45)

4" Lift: Install into # 2 & # 4 mounting holes. **Proceed to Step 38.**

6" Lift: Install into # 1 & # 3 mounting holes. **Proceed to Step 40.**

38. **4" Lift:** Attach OEM steering stabilizer to Steering Stabilizer Drop Bracket below lower mounting tab. (Photo # 49)

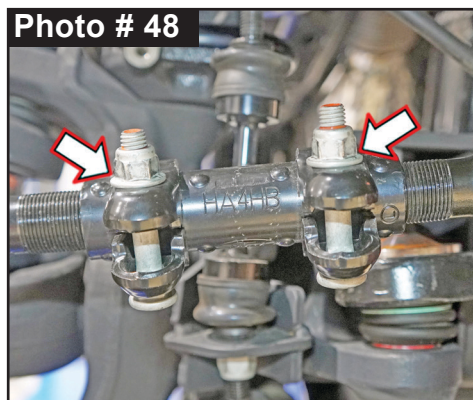
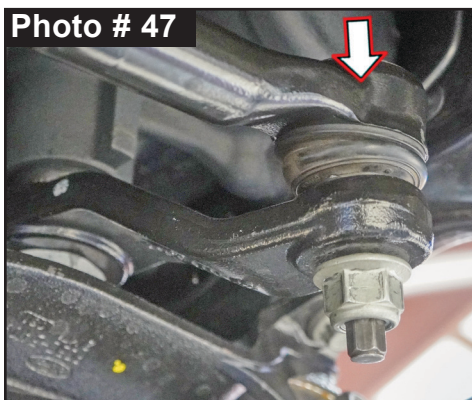
Attach with supplied 12mm x 60mm Bolt with 1/2" SAE Washer up through OEM stabilizer mount & Skyjacker Bracket. Attach with supplied 1/2" SAE Washer & 12mm Nylon Insert Lock Nut using an 18mm socket \ wrench. Torque to 45 ft.-lbs. **Proceed to Step 39.**



39. **4" Lift: Note:** Check OEM drag link rod ends for slack or worn stud sockets. Replace drag link if stud sockets are loose.

Connect OEM drag link in from top into OEM pitman arm with OEM hardware using a 24mm socket \ wrench. (Photo # 47)

Note: Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven.

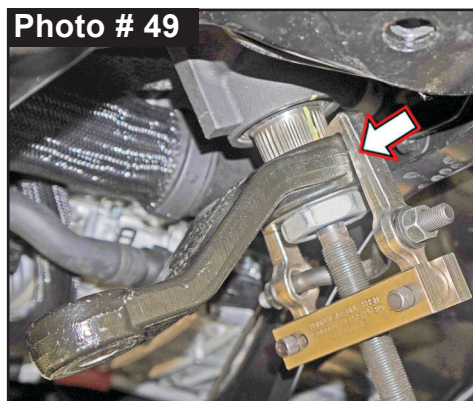


Adjust OEM drag link adjusting sleeve using a 15mm socket \ wrench. (Photo # 48) Torque to 45 ft.-lbs. **Proceed to Step 46.**

40. **6" Lift: Note:** Check OEM drag link rod ends for slack or worn stud sockets. Replace drag link if stud sockets are loose.

Remove OEM pitman arm nut from OEM steering gear using a 1-13/16" \ 46mm socket \ wrench.

Remove OEM pitman arm from OEM steering gear using a pitman arm puller tool. (Photo # 49) **Proceed to Step 41.**



41. **NOTE:** Threads on OEM Steering Sector Shaft Must Be Thoroughly Cleaned & Wiped Dry BEFORE Pitman Arm Is Installed.

IMPORTANT: Apply supplied Thread Locking Compound on Entire Threads of OEM Pitman Arm Nut. (Photo # 50)

Attach Skyjacker Pitman Arm with OEM pitman arm nut using a 1-13/16" \ 46mm socket \ wrench. (Photo # 50)

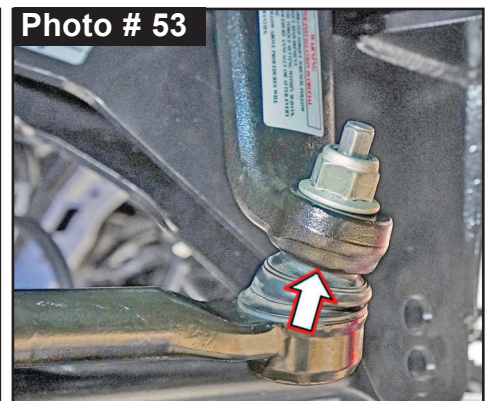
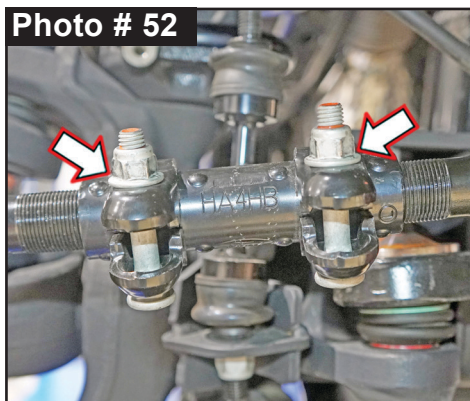
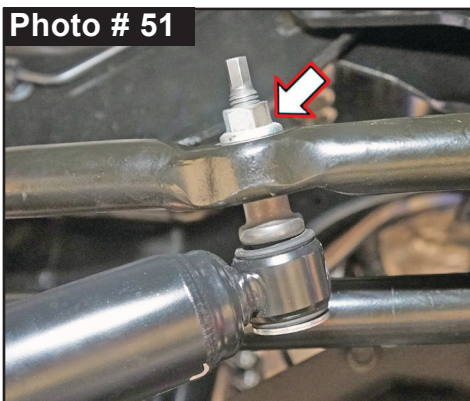
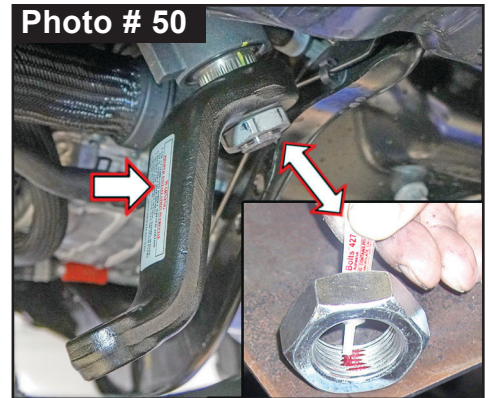
Torque Pitman Arm Nut to 350 ft.-lbs. Proceed to Step 42.

42. **6" Lift:** Disconnect OEM steering stabilizer from OEM drag link using an 18mm socket \ wrench. (Photo # 51) Separate OEM tapered stud from OEM drag link. **Tech Note:** To unseat stud, strike bulge of drag link using ball peen hammer to dislodge. Or use a tie rod puller tool to separate.

Loosen OEM drag link sleeve using a 15mm socket \ wrench. (Photo # 52)

Rotate pitman arm end of OEM drag link 180 degrees (pointing up).

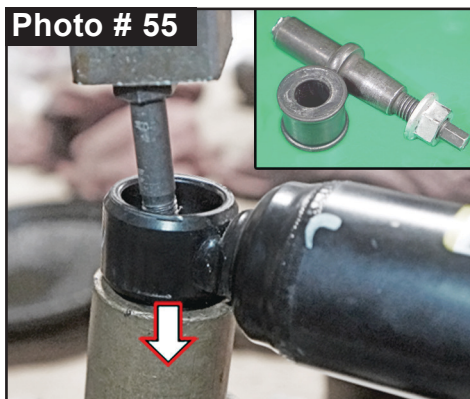
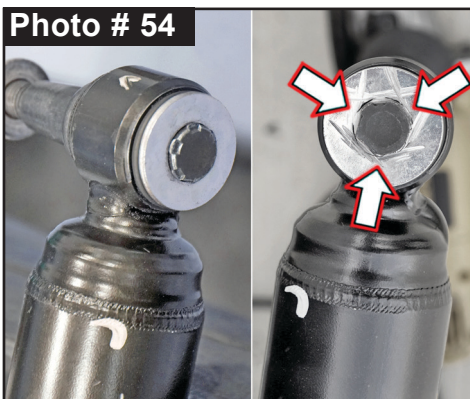
Connect OEM drag link up from bottom into Skyjacker pitman arm. Tighten nut using a 24mm socket \ wrench. (Photo # 53) **Note:** Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven. Tighten OEM drag link adjusting sleeve using a 15mm socket \ wrench. Torque to 45 ft.-lbs. **Proceed to Step 43.**



43. **6" Lift:** Grind top of OEM tapered stud from OEM steering stabilizer to remove washer of OEM steering stabilizer. (Photo # 54)

Remove OEM tapered stud & bushing from OEM steering stabilizer eyelet using an arbor press. (Photo # 55)

Coat supplied 5/8" ID x 1.50" Long Bushing with a water resistant grease & press into OEM steering stabilizer eyelet. Coat # ES25 1.50" Long Sleeve & press into OEM steering stabilizer eyelet bushing. (Photo # 56) **Proceed to Step 44.**



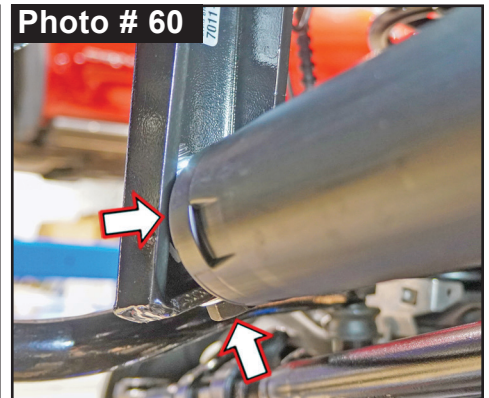
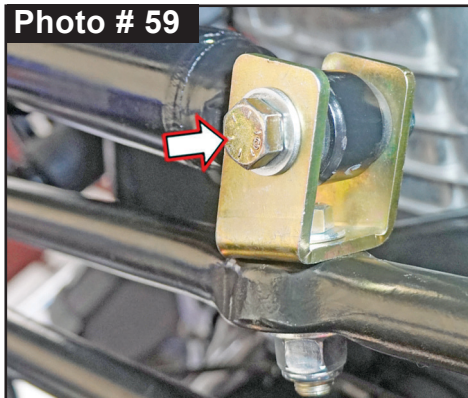
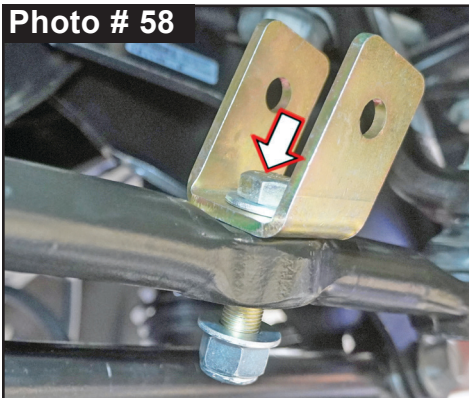
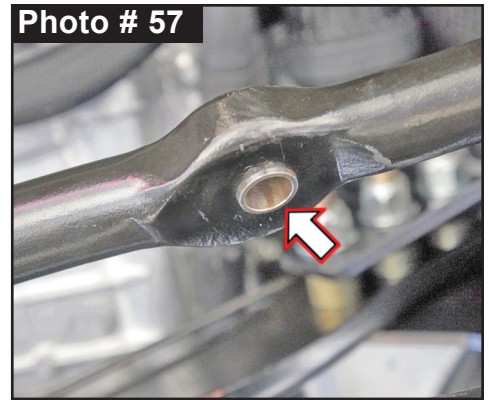
44. **6" Lift:** Insert supplied # SSB1768-T Tapered Sleeve into tapered hole of OEM drag link assembly stud mount. (Photo # 57)

Place Skyjacker # F1768SSB-B Steering Stabilizer Bracket onto top side of OEM drag link with bracket angled toward driver side of vehicle. (Photo # 58) Insert supplied 9/16" x 2-1/4" Fine Thread Bolt with 9/16" SAE Washer down through bracket & drag link. Attach with 9/16" SAE Washer & 9/16" Nylon Insert Lock Nut using a 13/16" & 7/8" socket \ wrench. Secure, but **Do Not Completely Tighten** at this time.

Install OEM stabilizer into Skyjacker bracket. (Photo # 59) Attach with supplied 1/2" x 2-3/4" Fine Thread Bolt with 1/2" SAE Washer through bracket & stabilizer from front-to-rear of vehicle. Attach with 1/2" SAE Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket / wrench. Secure, but **Do Not Completely Tighten** at this time. **Proceed to Step 45.**

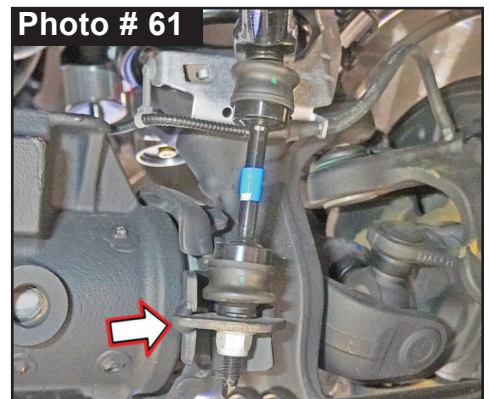
45. **6" Lift:** Attach OEM steering stabilizer to Steering Stabilizer Drop Bracket above (inside) lower mounting tab. (Photo # 60)

Attach with supplied 12mm x 60mm Bolt with 1/2" SAE Washer up through OEM stabilizer & Skyjacker Bracket mount. Attach with supplied 1/2" SAE Washer & 12mm Nylon Insert Lock Nut using an 18mm socket \ wrench. Torque to 45 ft.-lbs. **Proceed to Step 46.**



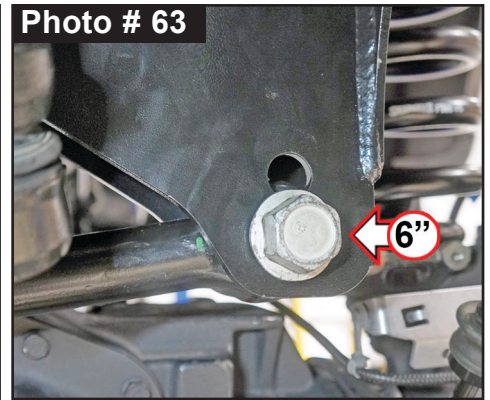
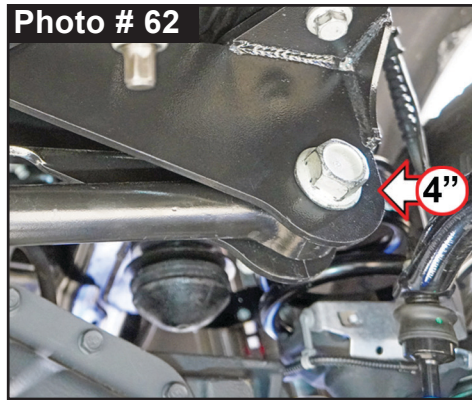
46. Install front tires \ wheels using a 21mm socket & lower front of vehicle to ground.

47. Connect OEM front sway bar end links to OEM sway bar at axle mount using an 18mm socket \ wrench. (Photo # 61) Secure, but **Do Not Completely Tighten**.



48. **4" Lift:** Install OEM track bar to Skyjacker Track Bar Bracket with OEM bolt from front-to-rear. (Photo # 62) Attach with OEM nut. Tighten using a 1-3/16" \ 30mm & 1-1/4" socket \ wrench.

Tech Note: It may be necessary to raise \ lower axle to align track bar bolt. A ratchet strap can be helpful to align track bar \ bracket together. Torque to 270 ft.-lbs.



6" Lift: Install OEM track bar to lower mounting hole of Skyjacker Track Bar Bracket with OEM bolt from front-to-rear. (Photo # 63) Attach with OEM nut. Tighten using a 1-3/16" \ 30mm & 1-1/4" socket \ wrench. **Tech Note:** It may be necessary to raise \ lower axle to align track bar bolt. A ratchet strap can be helpful to align track bar \ bracket together. Torque to 270 ft.-lbs.

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

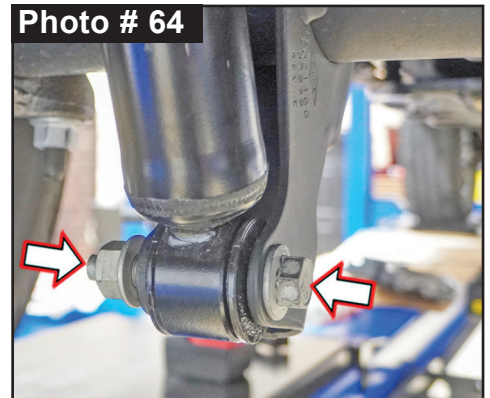
1. Chock front tires \ wheels, raise rear of vehicle & support frame rails using jack stands at indicated lift points in service manual.

2. Remove rear tires \ wheels using a 21mm socket.

3. Support rear axle with a hydraulic jack. Allow ample room to lower rear axle.

Remove OEM rear shocks. Use an 18mm & a 21mm socket \ wrench for lower mount. (Photo # 64) Use an 18mm socket \ wrench for bolt upper mount.

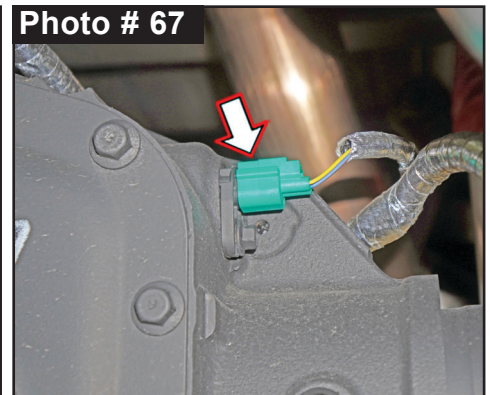
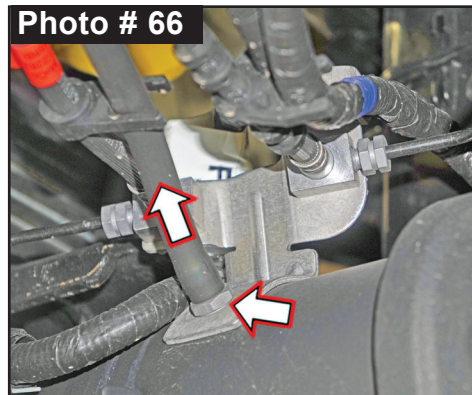
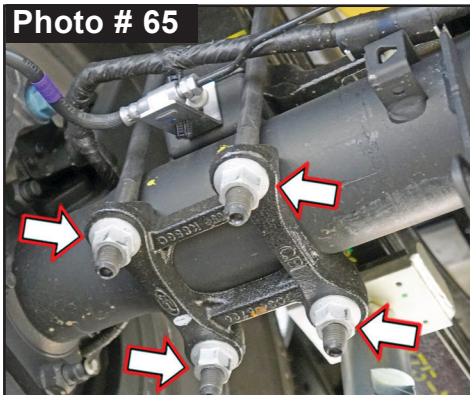
4. Remove OEM u-bolts using a 24mm socket \ wrench. (Photo # 65) **Note:** Rear differential will now be free to move, support securely using a floor jack.



Tech Note: Attach a ratchet strap to frame going under rear pinion where driveshaft attaches. This will help to keep rear diff from rolling & allow you to adjust angle during installation.

Discard u-bolts & hardware. Retain top & bottom OEM u-bolt plates.

5. Disconnect OEM rear differential vent hose from driver side OEM diff tube mount. (Photo # 66) Remove OEM diff tube barbed fitting from axle using a 16mm socket \ wrench. (Photo # 66)
6. If equipped, disconnect OEM electric locker plug from passenger side differential. (Photo # 67)

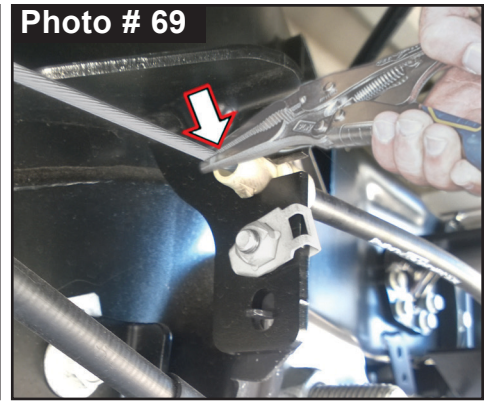
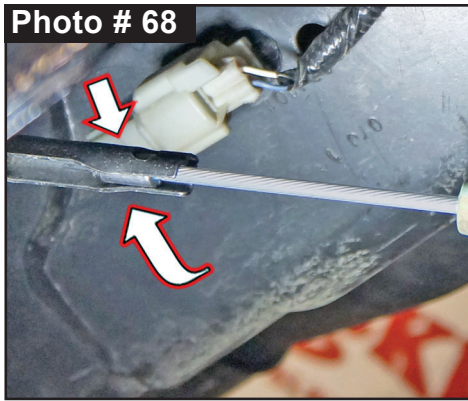


7. **6" Lift:** Locate two (2) OEM emergency brake (E-brake) cables on driver side frame rail.

Disconnect OEM driver side upper & passenger side lower E-brake cables from OEM cable metal clip. (Photo # 68) On backside of OEM metal clip, bend out small metal tab.

Gain slack on OEM cable by pulling cable using vise grips \ locking pliers.

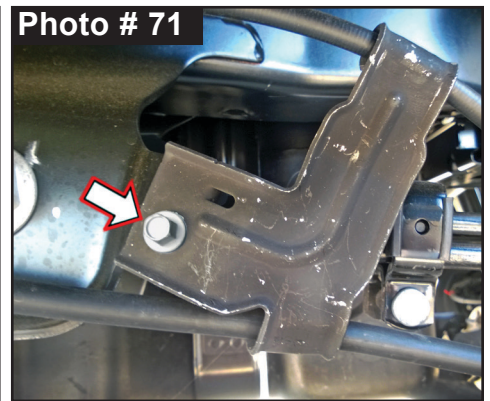
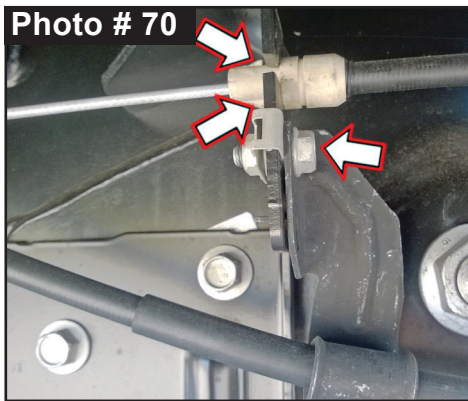
Hold tension by placing vise grip on cable by OEM frame mount. (Photo # 69) **Note:** Take care not to damage OEM cable. Release OEM E-brake cable from OEM metal clip.



8. **6" Lift:** Disconnect OEM driver side E-brake cable from OEM frame bracket. (Photo # 70)

Hold tension on inward cable using vise grips. Pinch ears of E-brake fitting to release it from OEM mount using pliers.

Remove OEM passenger E-brake cable frame bracket using a 13mm socket \ wrench. (Photo # 70) **Note:** Retain hardware. OEM E-brake frame bracket will be reinstalled after rear lift.



9. **6" Lift:** Remove driver side OEM E-brake leaf spring bracket using a 13mm socket \ wrench. (Photo # 71) **Note:** Retain hardware. OEM E-brake leaf spring bracket will be reinstalled.

Rear Lift Option 1: Rear Block & U-Bolt Installation

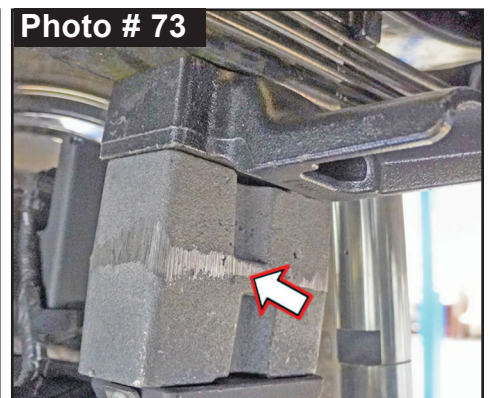
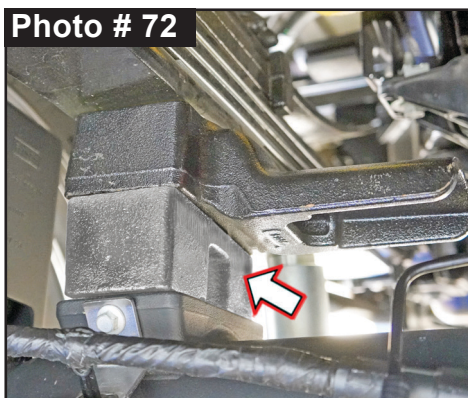
10. While checking for appropriate slack in ABS lines, electrical lines, brake lines, rear emergency brake cables, & etc. Lower axle away from leaf springs to allow clearance for Skyjacker block. Clean spring pads of all debris.

4" Lift: Position Skyjacker # RB20 2" Tapered Block on top of axle pad & under OEM block.

(Photo # 72) **Note:** Place taller end of lift block toward rear of vehicle.

6" Lift: Position Skyjacker # RB45 4.5" Tapered Block on top of axle pad & under OEM block. (Photo # 73)

Note: Place taller end of lift block toward rear of vehicle. **Tech Note:** OEM block with built-in bump stop goes on top of Skyjacker Block.



11. Raise axle to mate leaf springs to lift blocks. **Note:** Be sure that leaf spring center bolt heads seat properly into block & that block pins seat properly into top of axle pad.

Install Skyjacker 5/8" U-Bolts over OEM top plate\leaf springs down into OEM u-bolt plate.
Install supplied 5/8" Nylon Insert Nuts using a 15/16" socket\wrench.

Torque u-bolts evenly using an 'X' crisscross tightening sequence. Torque 132 ft.-lbs.

Proceed to Step 16 or Step 17 for Rear Shock Installation.

Rear Lift Option 2: Replacement Softride® Leaf Spring Installation

12. While checking for appropriate slack in ABS lines, electrical lines, brake lines, rear e-brake cables, & etc. Lower axle away from leaf springs to allow clearance for Skyjacker rear springs.

Remove OEM rear leaf spring. (Note direction of OEM hardware.) **NOTE:** On some models, driver side front spring eye OEM leaf spring bolt can not be removed & re-used unless OEM fuel tank is lowered\shifted toward passenger side. Support OEM fuel tank & loosen OEM bolts on fuel tank hanger per OEM service manual. Shift fuel tank toward passenger side & remove OEM leaf spring bolt.

Loosen driver side front spring eye bolt & nut using 1-3/16"\30mm & 1-1/4"\32mm socket\wrench. (Photo # 74)

Loosen rear frame\shackle mount bolt using 24mm socket\wrench. Retain tab nut. (Photo # 75)

Loosen rear spring\shackle eye bolt using 21mm & 24mm socket\wrench. (Photo # 75)

Remove spring eye bolts. Remove leaf spring with rear OEM shackle attached.

Remove rear spring\shackle eye bolt from OEM spring eye using 21mm & 24mm socket\wrench. Attach OEM shackle to Skyjacker rear spring eye. **Note:** 'Clamp-End' of Skyjacker leaf spring mounts to front frame mount. (Photo # 76)

Photo # 74

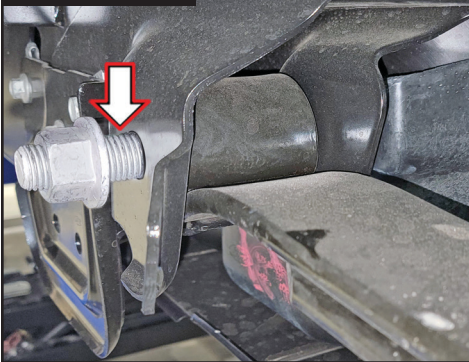


Photo # 75

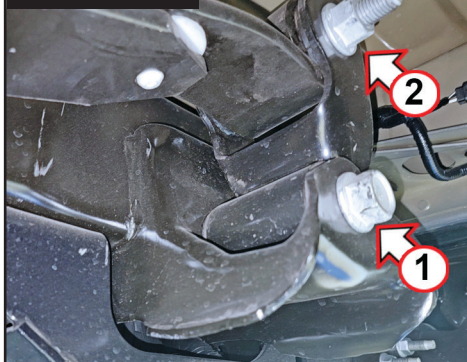


Photo # 76



13. Attach 'clamp-end' of Skyjacker leaf spring to OEM front frame mount with OEM hardware using a 1-1/4"\32mm socket\wrench. (Photo # 77) Secure, but **Do Not Completely Tighten** OEM hardware at this time.

Attach Skyjacker leaf spring\OEM shackle to rear frame\shackle mount with OEM hardware using 24mm socket\wrench. (Photo # 78) Secure, but **Do Not Completely Tighten** OEM hardware at this time.

Photo # 77

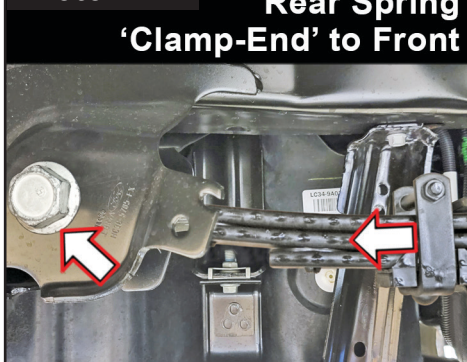


Photo # 78



14. Raise axle to mate Skyjacker leaf springs to OEM lift block. **Note:** Be sure that leaf spring center bolt heads seat properly into block & that block pins seat properly into top of axle pad.

Note: Skyjacker Top Spring Plate Brackets Are Not Side Specific. # SP348-B Driver or Passenger Side.

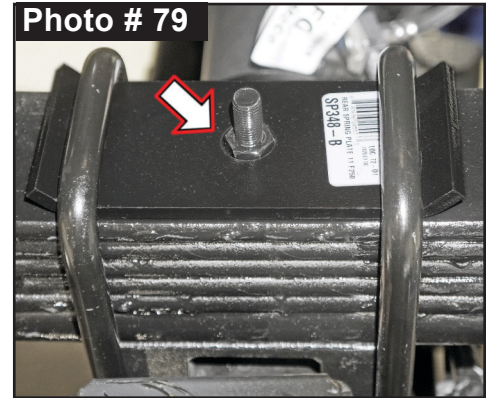
Install supplied Top Spring Plate. (Photo # 79)

Install Skyjacker 5/8" U-Bolts over Skyjacker Top Spring Plate\ leaf springs down into OEM u-bolt plate.

Install supplied 5/8" Nylon Insert Nuts using a 15/16" socket \ wrench.

Torque u-bolts evenly using an 'X' crisscross tightening sequence. Torque 132 ft.-lbs.

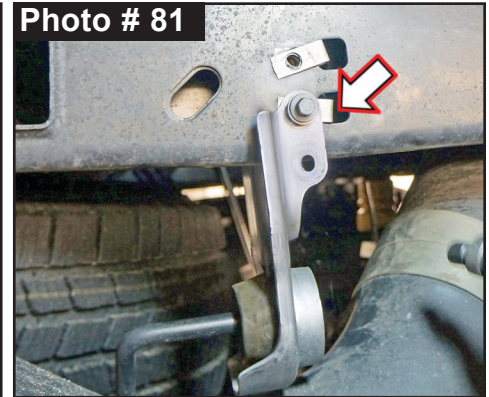
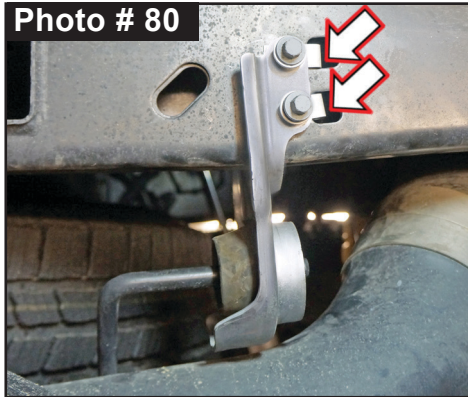
NOTE: If OEM fuel tank was lowered \ shifted toward passenger side. Support OEM fuel tank & install OEM bolts back into fuel tank hanger. Secure OEM fuel tank properly per in OEM service manual. **Proceed to Step 15.**



15. **Note:** It may be necessary to relocate rear OEM exhaust hanger bracket for exhaust \ leaf spring clearance.

Disconnect rear OEM exhaust hanger bracket from OEM frame mount using a 10mm socket \ wrench. (Photo # 80)

Reposition rear OEM exhaust hanger bracket into lower OEM frame mounting location & attach with OEM hardware using a 10mm socket \ wrench. (Photo # 81)



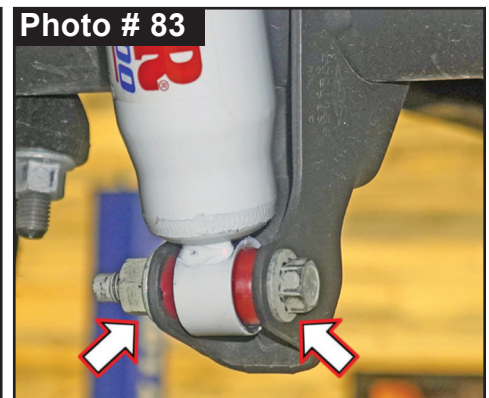
NOTE: Kit With HYDRO \ NITRO \ Black MAX \ M95 Monotube: Proceed to Step 16.

Kit With ADX 2.0 Remote Reservoir: Proceed to Step 17.

16. Install Skyjacker rear shock. Connect upper shock mount with OEM hardware using an 18mm socket \ wrench. (Photo # 82) Secure, but **Do Not Completely Tighten.**

Connect lower shock mount with OEM hardware using an 18mm & a 21mm socket \ wrench. (Photo # 83)

Secure, but **Do Not Completely Tighten. Proceed to Step 18.**



17. Locate Skyjacker ADX rear shock. Loosely assemble two (2) supplied reservoir clamps with two (2) supplied hex head bolts using a hex key socket (one (1) front & one (1) back). (Photo # 84)

Position clamp into place around shock body & reservoir cylinder. Secure, but **Do Not Completely Tighten**.

Install Skyjacker ADX rear shock. (Photo # 85) Connect upper shock mount with OEM hardware using a 18mm socket \ wrench.

Connect lower shock mount with OEM hardware using an 18mm & a 21mm socket \ wrench. Secure, but **Do Not Completely Tighten** at this time.

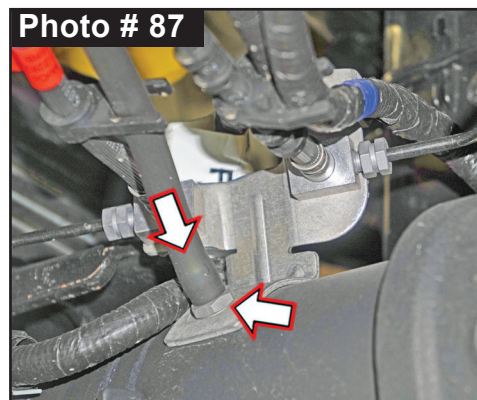
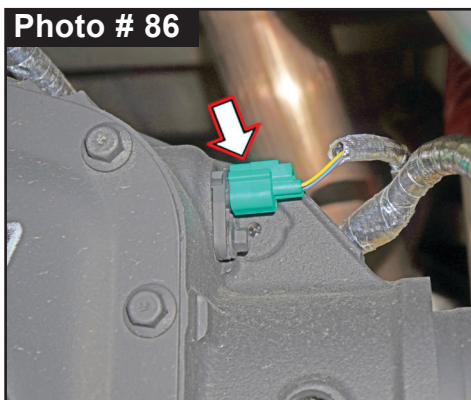
CAUTION: Make Sure ADX Shock Reservoir \ Reservoir Hose Does Not & Will Not Make Contact with Anything Throughout Full Travel Cycle of Suspension. (Frame rail, frame brackets, springs, brake lines, exhaust, etc.) Use a hex key socket to loosen clamps to position reservoir cylinder as needed. **Proceed to Step 18.**



18. If equipped, connect OEM Electric Locker plug to passenger side rear differential. (Photo # 86)

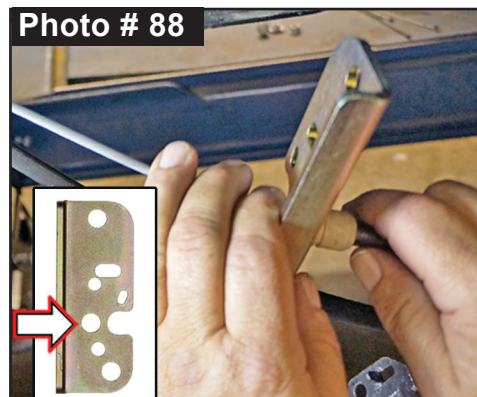
19. Connect OEM ABS \ brake line bracket to differential with OEM diff tube barbed fitting using a 16mm socket \ wrench. (Photo # 87)

Connect OEM diff vent hose to OEM diff tube mount. (Photo # 87) **4" Lift Proceed to Step 27.**



20. **6" Lift:** Locate Skyjacker # F17RBE-B E-brake Cable Extension Bracket.

Run OEM driver side upper E-brake cable through 1/2" hole of Skyjacker # F17RBE-B E-brake Cable Extension Bracket. (Photo # 88) Pinch ears of E-brake fitting to lock OEM mount into place using pliers.

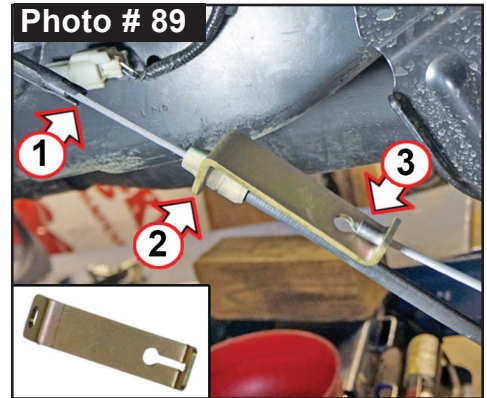


21. **6" Lift:** Locate Skyjacker # F960CE E-brake Cable Extension.

Run OEM lower passenger side E-brake cable through 1/2" hole of Skyjacker # F960CE E-brake Cable Extension. (Photo # 89) Connect OEM lower passenger side E-brake cable to OEM cable metal clip. On backside of OEM metal clip, bend in small metal tab.

Pinch ears of OEM E-brake fitting to lock OEM mount into Skyjacker E-brake Cable Extension using pliers. (Photo # 89)

Position OEM driver side upper E-brake cable into slotted mount of Skyjacker E-brake Cable Extension. (Photo # 89)



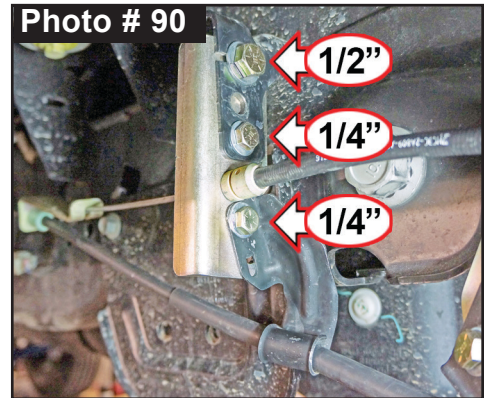
22. **6" Lift:** Install Skyjacker # F17RBE-B E-brake Cable Extension Bracket to OEM frame bracket.

(Photo # 90) Attach with supplied 1/2" x 1-1/2" Fine Thread Bolt with 1/2" SAE Washer through top hole of OEM frame bracket into Skyjacker Bracket from rear-to-front of vehicle.

Attach with 1/2" SAE Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \wrench. Secure, but **Do Not Completely Tighten** at this time.

Attach with supplied 1/4" x 1" Fine Thread Bolt with 1/4" SAE Washer through hole of OEM frame bracket into Skyjacker Bracket from rear-to-front of vehicle. (Photo # 90)

Attach with 1/4" SAE Washer & 1/4" Nylon Insert Lock Nut using a 7/16" socket \wrench. Secure, but **Do Not Completely Tighten** at this time.



23. **6" Lift:** Install OEM passenger E-brake cable frame bracket to Skyjacker # F17RBE-B E-brake Cable Extension Bracket. (Photo # 90)

Attach with supplied 1/4" x 1" Fine Thread Bolt with 1/4" SAE Washer through hole of OEM frame bracket into Skyjacker Bracket from rear-to-front of vehicle. (Photo # 90)

Attach with 1/4" SAE Washer & 1/4" Nylon Insert Lock Nut using a 7/16" socket \wrench. Secure, but **Do Not Completely Tighten** at this time.

24. **6" Lift:** Locate Skyjacker # F960ECB E-brake Cable Bracket.

Install Skyjacker # F960ECB E-brake Cable Bracket onto OEM rear leaf spring mount. (Photo # 91) Install OEM passenger E-brake cable frame bracket to Skyjacker E-brake Cable Bracket

Attach with supplied 3/8" x 1" Fine Thread Bolt with 3/8" SAE Washer through hole of OEM frame bracket into Skyjacker Bracket from outside-to-inside of vehicle. (Photo # 91)

Attach with 3/8" SAE Washer & 3/8" Nylon Insert Lock Nut using a 9/16" socket \wrench. Torque to 35 ft.-lbs.

Tighten & Torque Skyjacker # F17RBE-B E-brake Cable Extension Bracket hardware.

1/2" Bolt = Torque to 90 ft.-lbs. 1/4" Bolts = Torque to 123 in.-lbs.



25. **6" Lift:** Locate two (2) OEM rear brake lines attached to OEM bracket mount at bottom of body on driver side above fuel tank. (Photo # 92)

Remove OEM brake line clip from each OEM brake line \ bracket using pliers. (Photo # 92)

Disconnect each OEM flex brake line from each OEM front hard brake line using a 13mm & 16mm brake line \ flare nut wrench. **Tech Note:** Cover each end of OEM hard brake line to prevent fluid from leaking using a vacuum hose cap or suitable cover.

26. **6" Lift:** Locate two (2) Skyjacker # RBL17S Rear Brake Lines with Fittings. (Photo # 92)

Install each Skyjacker Rear Brake Line Extension to appropriate OEM rear flex brake line using 16mm & 11/16" brake line \ flare nut. (Photo # 92)

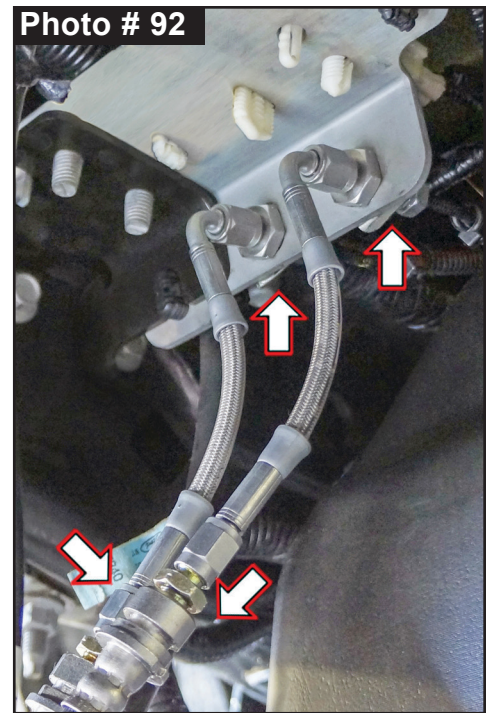
Run each Skyjacker Rear Brake Line up through bottom of OEM bracket mount to appropriate OEM rear hard brake line.

Line up each OEM brake line clip with each Skyjacker Brake Line notch & tap it into position to secure it in place.

Carefully thread each OEM hard brake line into appropriate Skyjacker Brake Line.

Note: Take care to not cross thread fittings. Tighten using a 1/2" & 7/16" \ 11mm brake line \ flare nut wrench.

27. Install rear tires \ wheels using a 21mm socket. Lower vehicle to ground. Torque lugs to OEM service manual specifications.



Final Steps:

CAUTION: Do Not Drive Vehicle until you have bleed brake line system & have a firm brake pedal. Brake line installation should be done by a professional mechanic. Vehicle's brake system Must Be bleed & purged of any air in lines before vehicle can be driven. It is suggested to familiarize yourself with your vehicle's particular brake bleeding process. A brake bleeding tool is useful, but bleeding brake system should be done by two (2) professional mechanics.

1. Start vehicle. Make sure there are no dash lights pertaining to suspension.
NOTE: Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven. Failure to Do So Will Cause Computer Errors, Odd Handling Characteristics, & Poor Performance.
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, shocks, hub vacuum lines, brake hoses, ABS wiring, all electrical plugs, etc.

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

3. Front Tighten & Torque Sequence.

Front shock absorber upper mount using an 18mm socket\wrench. Torque 32 ft-lbs.
Front shock absorber lower mount using a 21mm socket\wrench. Torque 65 ft-lbs.
Track bar to Skyjacker bracket using a 1-1/16" \27mm & 1-3/16" \30mm socket\wrench.
Torque 250 ft-lbs.
Sway bar end link to sway bar using an 18mm socket\wrench. Torque 35 ft-lbs.
OEM radius arm to OEM axle mount using a 24mm & 1-1/16" \27mm socket\wrench.
Torque 222 ft-lbs.
OEM radius arm to Skyjacker Radius Arm Bracket using a 24mm socket\wrench.
Torque 222 ft-lbs.

4. Rear Tighten & Torque Sequence.

Rear shock absorber upper mount using an 18mm socket\wrench. Torque 65 ft-lbs.
Rear shock absorber lower mount using an 18mm & a 21mm socket\wrench. Torque 65 ft-lbs.
Torque u-bolts evenly using an 'X' crisscross tightening sequence. Torque 132 ft.-lbs.
Skyjacker Replacement Leaf Springs:
Front frame spring eye bolt with a 1-3/16" \30mm & 1-1/4" \32mm socket\wrench.
Torque 132 ft.-lbs.
Rear frame\shackle mount bolt using a 24mm socket\wrench. Torque 132 ft.-lbs.
Rear spring\shackle eye bolt using a 21mm & a 24mm socket\wrench. Torque 132 ft.-lbs.

5. Bleed Brake System.

Bleed air from brake system as instructed by OEM service manual. Avoid getting brake fluid on painted surfaces. **CAUTION: Do Not Drive Vehicle** until you have made sure that all air is out of brake line system & you have a firm brake pedal.

Check all brake line connections for leaks & tighten as necessary. **Tech Note:** A spray bottle of water works well to clean up residual brake fluid when installation is complete.

Final Notes:

- 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.)
- 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.

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.