

SKYJACKER

SUSPENSIONS

SKYJACKER.COM

2024> Toyota Tacoma 2WD\4WD With Rear Coils 3" Suspension Lifts Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches (7/16", 1/2", 3/4", 13/16", & 1-1/8")
- Metric Hex Key & Sockets \ Wrenches (8mm Hex Key Socket & 12mm Hex Key Socket. 10mm, 12mm, 14mm, 15mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, & 36mm)
- Strut Spring Compressor
- Tie Rod Puller Tool
- Ball Joint Separator Tool
- Grease Gun
- Needle Nose Pliers
- Standard Screwdriver
- Hammer
- Punch
- Jack Stands
- Floor Jack
- Measuring Tape
- Pliers
- Thin Chisel
- Pry Bar
- Safety Glasses
- Wheel Chock
- Paint Marker
- 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:
 - TRD PRO Series & Trailhunter Models.
 - Models Equipped With Rear Leaf Springs.
 - Models Equipped With Adaptive Variable Suspension (AVS).
 - Models Equipped With Optional OEM Lift Kits.
- Not To Be Used In Addition With Other Lift Kits.
- If Larger Tires (10% More Than OEM Diameter) Are Installed, Speedometer Recalibration Will Be Necessary. Contact Your Local TOYOTA Dealer or an Authorized Skyjacker® Dealer for Details.
- If Equipped, Advanced Driver Assistance Systems (ADAS) Recalibration May Be Necessary. Contact Your Local TOYOTA Dealer or an Authorized Skyjacker® Dealer for Details.
- After Installation, a Qualified Alignment Facility Is Required to Align Vehicle to OEM Specifications.

KIT Breakdown:**Part # TC2430MSK With Rear Coils**

Item #	Description	Qty
TC2430	COMP BX: 24> TACOMA, 3" FRT	1
TC2420RMS	COMP BX: 24> TACOMA, 2" REAR	1

Component Box Breakdown:**Part # TC2430**

Item #	Description	Qty
TC2415FMS-S	STRUT SPACER, FRONT, 1.5"	2
TC243UCA-L	UPPER CONTROL ARM, DR	1
TC243UCA-R	UPPER CONTROL ARM, PA	1
TC2430DDB-B	DIFFERENTIAL DROP BRKT, DR	1
TC2430PDB-B	DIFFERENTIAL DROP BRKT, PA	1
TC2430RDB-B	DIFFERENTIAL DROP BRKT, RR	1
TC24750CS-S	PRELOAD SPACER, FRT, 0.750"	2
HB-14ARM	HDWR BAG: FOR CONTROL ARM	1
HB-TC2430DB	HDWR BAG: DIFF BRACKETS	1
HB-TU760MS	HDWR BAG: 10MM FLANGE NUTS	1

Part # TC2420RMS

Item #	Description	Qty
TC2420RMS-S	COIL SPACER, REAR, 2"	2
TC2430SBB-S	SWAY BAR BRACKET, REAR	2
TU223BSE-D	BUMP STOP EXT, REAR, DR	1
TU223BSE-P	BUMP STOP EXT, REAR, PA	1
TU223RSE2-D	SHOCK EXTENSION, REAR, DR	1
TU223RSE2-P	SHOCK EXTENSION, REAR, PA	1
HB-TC2430RSE	HDWR BAG: SHOCK EXT, REAR	1
HB-TC2430SBB	HDWR BAG: SWAY BAR, REAR	1
HB-TU223BSE	HDWR BAG: BUMP STOP EXT	1

**Hardware Bag Breakdown:****Part # HB-14ARM**

Item #	Description	Qty
14CTN	1/4 COARSE THRD N/I LOCK NUT	2
14SAEW	1/4 SAE WASHER	2

Part # HB-TC2430DB

Item #	Description	Qty
2855	DIFFERENTIAL BRKT. BUSHINGS	4
CS2600	CRUSH SLEEVE / 2.60"	2
TC2430RD-BUSH	DIFF BRKT. BUSHING NUT, RR	2
TC2430RDB-5	DIFF BRKT. SLEEVE, RR	1
12SAEW	1/2 SAE WASHER	2
12X25MMB-1.25	12MM X 25MM-1.25 METRIC BOLT	1
12X40MMB	12MM X 40MM-1.25 METRIC BOLT	1
14X60MMB-1.5	14MM X 60MM-1.50 METRIC BOLT	2
16MMN-1.5	16MM-1.5 METRIC N/I LOCK NUT	2
58SAEW	5/8 SAE WASHER	2
916SAEW	9/16 SAE WASHER	2
916X112FTB	9/16 X 1-1/2 FINE THREAD BOLT	1
916XTFW	9/16 EXTRA THICK WASHER	1

Part # HB-TC2430RSE

Item #	Description	Qty
TU223RSE-TN	SHOCK EXTENSION TAB NUT	2
12X114CTB	1/2 X 1-1/4 COARSE THRD BOLT	2
12SAEW	1/2 SAE WASHER	2
34X312CTB	3/4 X 3-1/2 COARSE THRD BOLT	2
34CTN	3/4 COARSE THRD N/I LOCK NUT	2
34SAEW	3/4 SAE WASHER	4

Part # HB-TC2430SBB

Item #	Description	Qty
12MMN	12MM METRIC N/I LOCK NUT	4
12SAEW	1/2 SAE WASHER	6
12X20MMB-1.75	12MM X 20MM METRIC BOLT	2
12X40FSB-1.75	12MM X 40MM FLAT SOCKET BOLT	2
12X40MMB	12MM X 40MM METRIC BOLT	2
12XTFW	1/2 EXTRA THICK FLAT WASHER	2

Part # HB-TU223BSE

Item #	Description	Qty
516CTN	5/16 COARSE THRD N/I LOCK NUT	2
516X1FTB	5/16 X 1 FINE THREAD BOLT	4
516FTN	5/16 FINE THREAD N/I LOCK NUT	4
516SAEW	5/16 SAE WASHER	10

Part # HB-TU760MS

Item #	Description	Qty
10MMX1.5NFN	10MM-1.5 NYLON FLANGE NUT	8

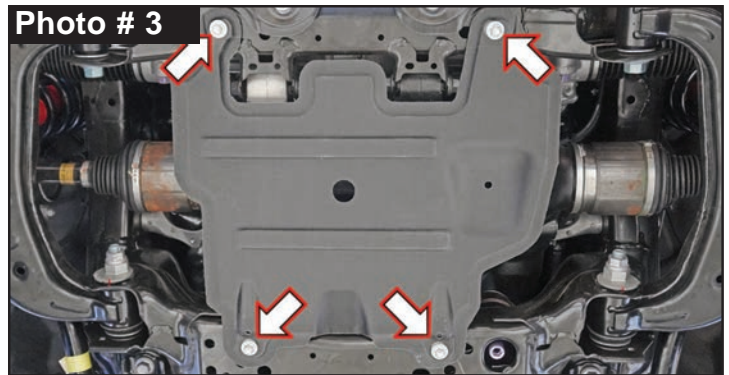
Pre-Installation Tips: Install Bushings & Sleeves into Differential Brackets.

1. Kit includes a Driver & Passenger side Differential Drop Bracket. (Photo # 1)
Coat supplied Eye Bushings with a water resistant grease. Press Eye Bushings into each side of Skyjacker Differential Bracket eye.
Coat each supplied 2.60" Crush Sleeve & press into Eye Bushings.



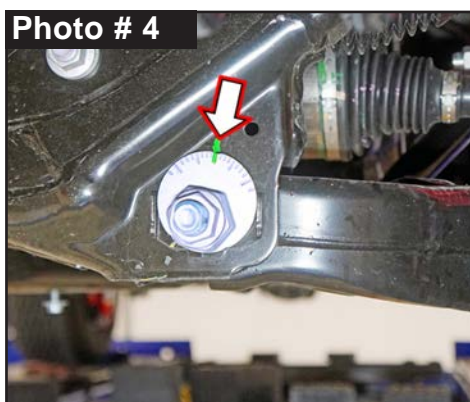
Front Installation: Note: Save all factory components & hardware for reuse, unless noted.

1. 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 front tires \ wheels using a 21mm socket.
4. If equipped, disconnect forward OEM lower splash shield by removing four (4) OEM bolts using a 12mm socket \ wrench. (Photo # 2)
Disconnect rearward OEM lower splash shield by removing four (4) OEM bolts using a 12mm socket \ wrench. (Photo # 3)



5. Mark front & back cam bolt positions on each OEM Lower Control Arm (LCA) frame mounts. (Photo # 4 & # 5)

Note: Mark both driver & passenger side OEM LCA mounts.



6. Support front differential using a floor jack. **NOTE:** Two-wheel drive models, Proceed to Step 20.

7. Locate two (2) front OEM differential-to-crossmember mounts. (Photo # 6)

8. On driver side, loosen, but do not remove OEM bolt that attaches OEM diff mount bracket to crossmember using two (2) 19mm sockets \ wrenches. (Photo # 7)

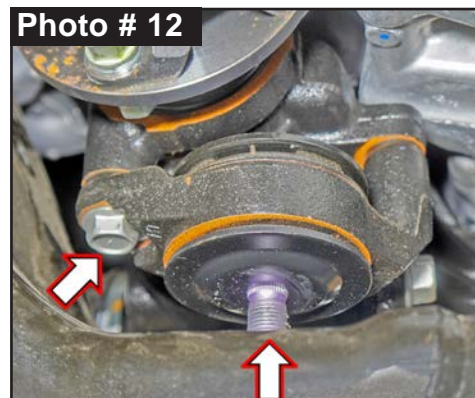
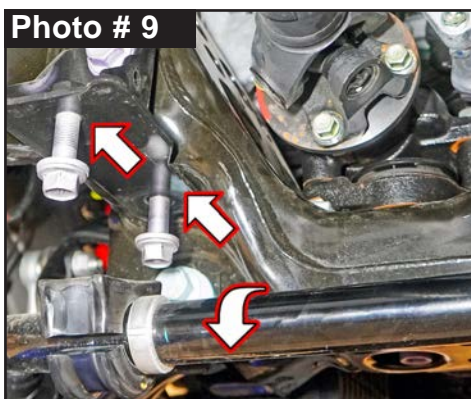
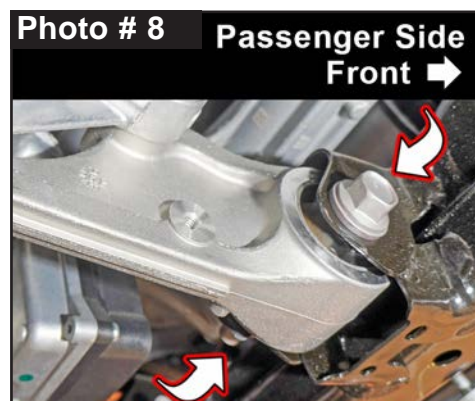
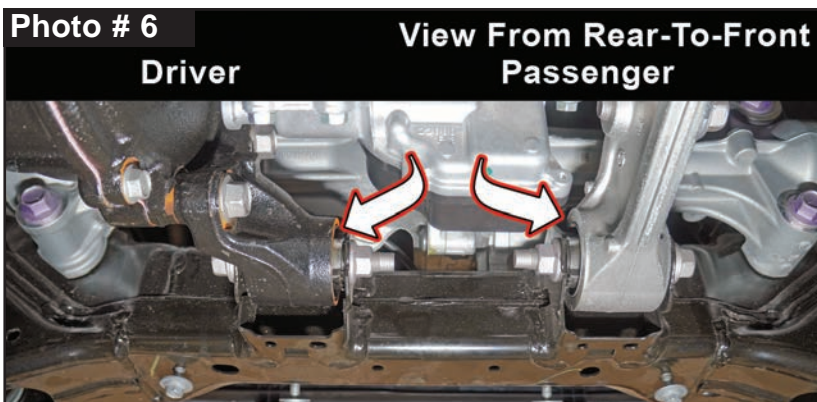
9. On passenger side, loosen, but do not remove OEM bolt that attaches OEM diff mount bracket to crossmember using two (2) 19mm sockets \ wrenches. (Photo # 8)

10. Disconnect OEM sway bar from frame mount by removing two (2) OEM bolts per side using a 17mm socket \ wrench. (Photo # 9)
Remove driver & passenger side mounts. Roll OEM sway bar down from frame. (Photo # 9)

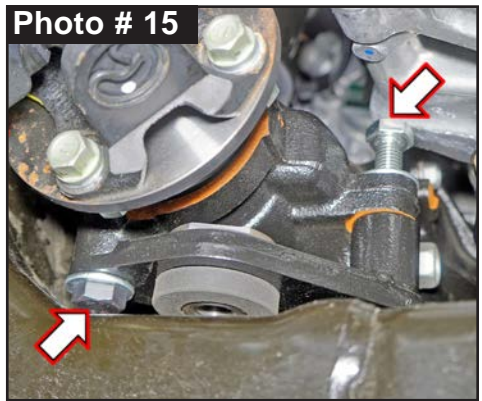
11. On OEM differential rear mount, remove OEM bolt that attaches OEM diff mount bracket to crossmember using a 12mm hex key socket. (Photo # 10)

12. Remove top inner OEM bolt from OEM diff mount bracket using a 17mm socket \ wrench. (Photo # 11)
Raise differential slightly to gain more access to remove lower outside OEM bolt using a 17mm socket \ wrench. (Photo # 12)

Remove OEM differential mount bracket.



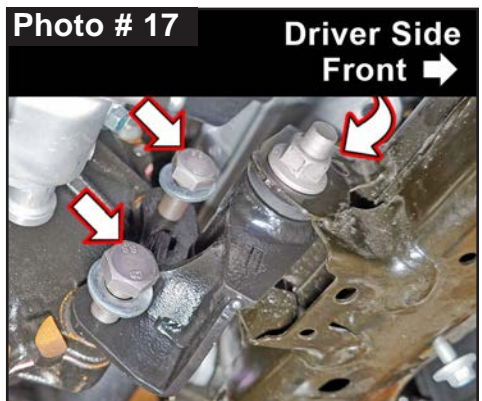
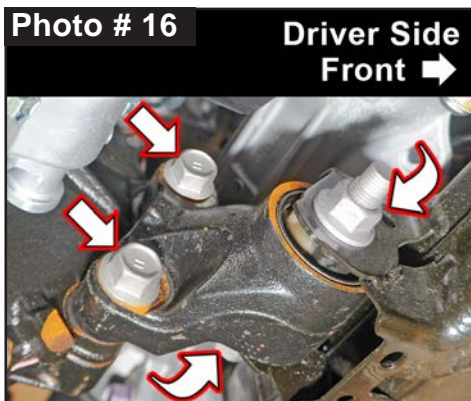
13. Locate Skyjacker # TC2430RDB-B Rear Diff Bracket, Rear Diff Bushings & Sleeve Nut. (Photo # 13) Install supplied Bushings into top & bottom of Skyjacker Bracket. Insert supplied Sleeve Nut down through top bushing, bracket & bottom bushing. (Photo # 14)
14. Install Skyjacker Rear Diff Bracket assembly. Raise differential slightly to install supplied 12mm x 25mm Bolt & 1/2" SAE Washer up into lower outside mount. Tighten using a 17mm socket \ wrench. (Photo # 15) Torque to 75 ft-lbs.
- Lower differential slightly to install supplied 12mm x 40mm Bolt & 1/2" SAE Washer down into top inner mount. Tighten using a 17mm socket \ wrench. (Photo # 15) Torque to 75 ft-lbs.
- Lower Skyjacker Rear Diff Bracket assembly down onto OEM crossmember.



15. Return to two (2) front OEM differential-to-crossmember mounts.

On driver side, remove OEM bolt that attaches OEM diff mount bracket to crossmember using two (2) 19mm sockets \ wrenches. (Photo # 16)

On driver side, remove two (2) OEM bolts that attaches OEM diff mount bracket to differential using a 22mm socket \ wrench. (Photo # 16)



First, attach Skyjacker # TC2430DDB-B Driver Side Diff Drop Bracket to OEM differential with supplied 14mm x 60mm Bolt & 9/16" SAE Washer using a 22mm socket \ wrench. (Photo # 17) Secure, but **Do Not Completely Tighten**. **Tech Note:** Adjust OEM differential via jack to align mounting holes.

Next, attach Skyjacker Driver Side Diff Drop Bracket to OEM crossmember with OEM hardware using two (2) 19mm sockets \ wrenches. (Photo # 17) Secure, but **Do Not Completely Tighten**.

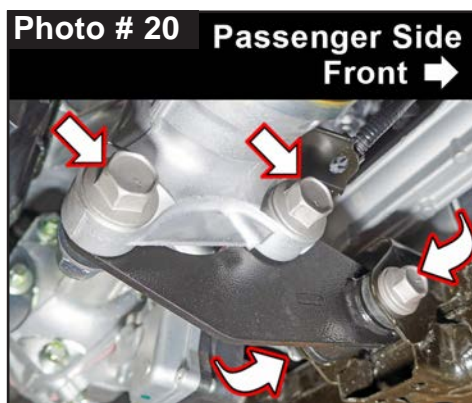
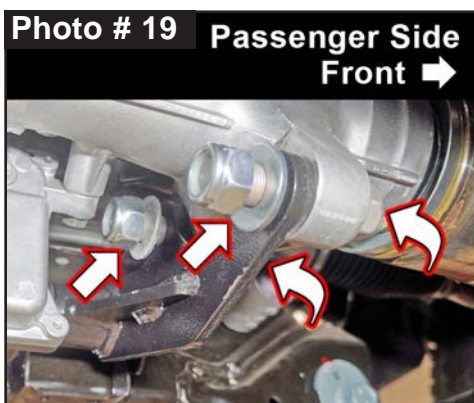
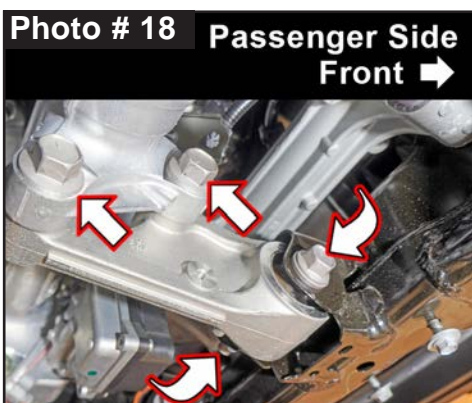
16. On passenger side, remove OEM bolt that attaches OEM diff mount bracket to crossmember using two (2) 19mm sockets \ wrenches. (Photo # 18)

On passenger side, remove two (2) OEM bolts that attaches OEM diff mount bracket to differential using a 24mm socket \ wrench. (Photo # 18)

First, attach Skyjacker # TC2430PDB-B Passenger Side Diff Drop Bracket to OEM differential with two (2) OEM bolts. Attach with supplied 16mm Nylon Insert Lock Nut & 5/8" SAE Washer. Tighten using a 24mm socket \ wrench. (Photo # 19) Secure, but **Do Not Completely Tighten**.

Tech Note: Adjust OEM differential via jack to align mounting holes.

Next, attach Passenger Side Diff Drop Bracket to crossmember with OEM hardware using two (2) 19mm sockets \ wrenches. (Photo # 20) Secure, but **Do Not Completely Tighten**.



17. Attach Skyjacker Rear Diff Bracket assembly down to OEM crossmember with supplied 9/16" x 1-1/2 Fine Thread Bolt & 9/16" Extra Thick Washer using a 13/16" socket \ wrench. (Photo # 21) Torque to 130 ft-lbs.

18. Tighten all differential mounts & differential-to-crossmember mounts to OEM torque specifications.

12mm Bolt Torque to 70 ft-lbs.

14mm Bolt Torque to 110 ft-lbs.

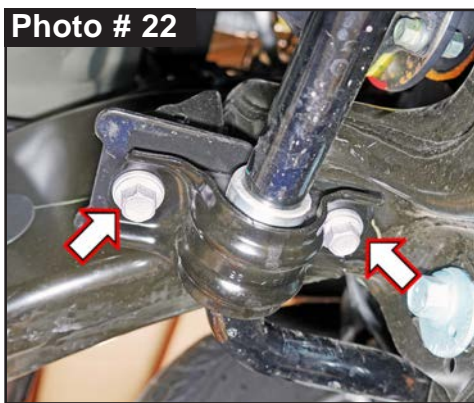
16mm Bolt Torque to 150 ft-lbs.

19. Roll OEM sway bar up to frame.

Connect driver & passenger side OEM sway bar mounts with two (2) OEM bolts per side using a 17mm socket \ wrench. (Photo # 22)

Remove floor jack from under front differential.

20. Disconnect driver & passenger side OEM sway bar end link from OEM LCA using a 19mm socket \ wrench. (Photo # 23)



21. If equipped, connect rearward OEM lower splash shield with four (4) OEM bolts using a 12mm socket \ wrench. (Photo # 3) Connect forward OEM lower splash shield with four (4) OEM bolts using a 12mm socket \ wrench. (Photo # 2)

Note: Perform Steps 22-54 on Driver Side.

22. Remove OEM cotter pin from OEM tie rod. (Photo # 24) Loosen, but do not remove OEM tie rod nut from OEM steering knuckle using a 24mm socket \ wrench. (Photo # 25) Disconnect OEM outer tie rod end from OEM knuckle using a tie rod end puller tool.



Tech Note: To unseat tie rod taper without puller tool, strike tie rod boss of knuckle at tie rod end with hammer to dislodge. **Note:** ONLY strike knuckle portion. (Photo # 25) Remove nut & remove tie rod end from knuckle.

23. On OEM knuckle tie rod boss, disconnect OEM ABS line bracket using a 12mm socket \ wrench. (Photo # 26) Retain OEM hardware.



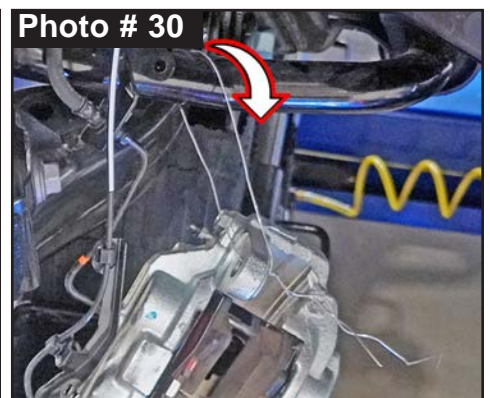
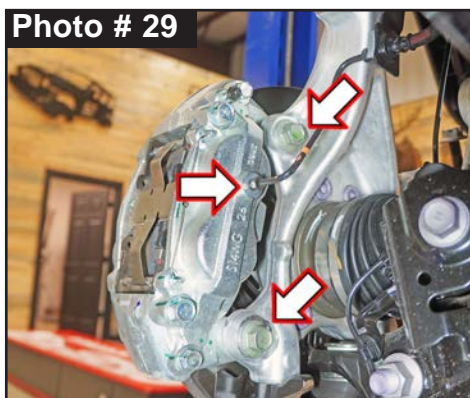
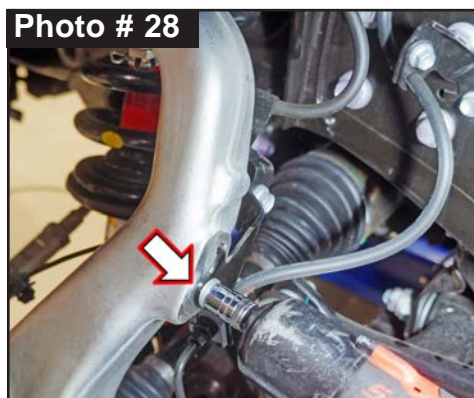
On OEM knuckle below tie rod boss, remove OEM ABS sensor using a 10mm socket \ wrench. (Photo # 26)

24. Disconnect OEM ABS \ brake bracket from OEM Upper Control Arm (UCA) mount using a 10mm socket \ wrench. (Photo # 27) Retain OEM hardware.

25. Disconnect OEM ABS \ brake line bracket from side of OEM steering knuckle using a 12mm socket \ wrench. (Photo # 28) Retain OEM hardware.

26. Remove two (2) OEM brake caliper mounting bolts from OEM knuckle using a 19mm socket \ wrench. (Photo # 29) **Note:** There is a brake pad wear sensor wire connected to caliper, leave sensor wire connected. (Photo # 29) Remove OEM brake rotor from OEM hub assembly.

Tech Note: Hang brake caliper on frame out of way with a hook or bungee. **Do Not** hang by rubber brake line. (Photo # 30)



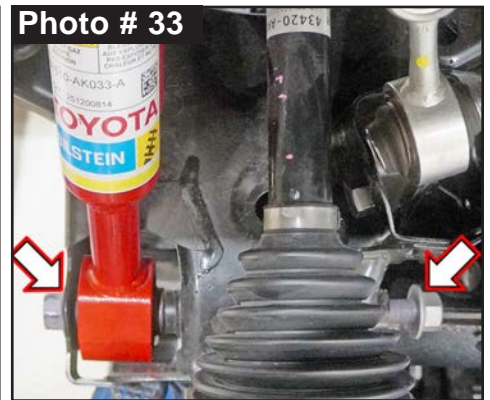
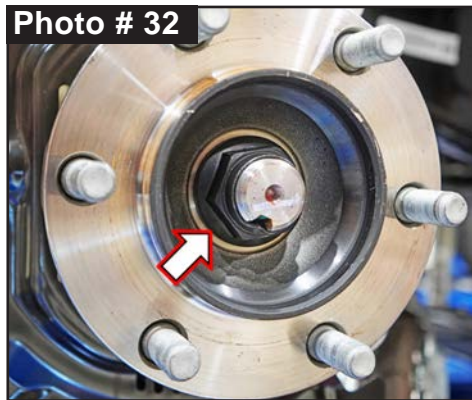
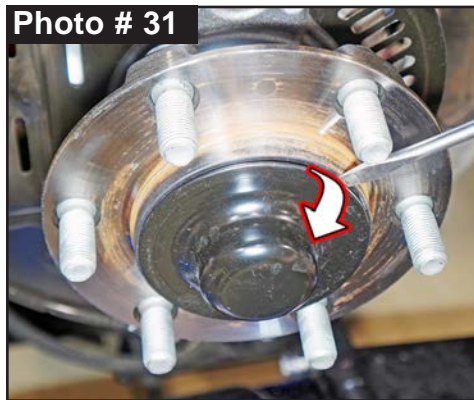
27. Remove OEM CV shaft nut dust cover from center of hub assembly with a standard screwdriver or thin chisel. (Photo # 31) Remove OEM brake rotor.

Remove OEM CV shaft nut using a 36mm socket. (Photo # 32)

Disconnect axle from knuckle. **Note: Do Not** Overextend CV Axle Shaft.

Tech Note: You may need a punch & hammer to dislodge CV shaft from hub.

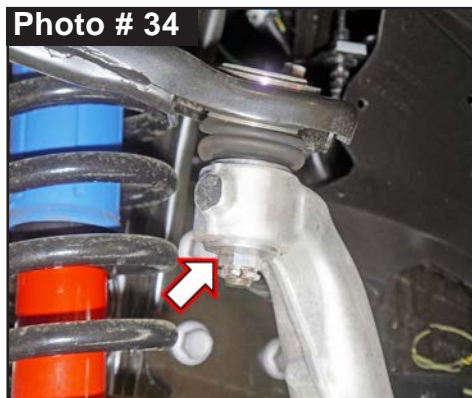
28. Remove OEM lower strut mount hardware from OEM LCA using two (2) 22mm sockets \ wrenches. (Photo # 33)



29. Support OEM LCA with a jack. Remove upper OEM ball joint cotter pin from OEM knuckle at UCA mount. Loosen, but do not remove upper OEM ball joint nut from OEM knuckle using a 18mm wrench. (Photo # 34)

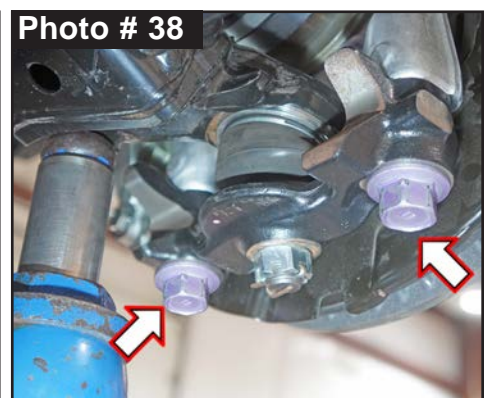
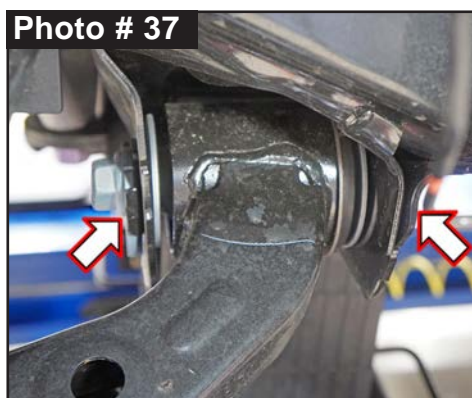
Disconnect upper OEM ball joint from OEM knuckle using a ball joint separator tool. **Tech Note:** To unseat ball joint taper without separator tool, strike ball joint boss of knuckle using hammer to dislodge.

Note: ONLY strike knuckle portion only. (Photo # 35)



30. Loosen, but do not remove two (2) cam bolts on OEM LCA using two (2) 24mm sockets \ wrenches. (Photo # 36 & # 37)

Remove two (2) OEM LCA bolts from OEM knuckle using a 22mm socket \ wrench. (Photo # 38)



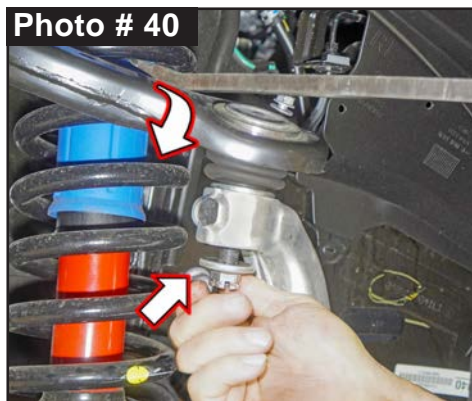
31. Loosen, but do not remove OEM UCA hardware using 22mm sockets \ wrenches. (Photo # 39)

32. Remove nut & disconnect ball joint from OEM knuckle. (Photo # 40)

Tech Note: You may need to pry UCA down to disconnect upper ball joint.

Ease LCA away from front strut. **CAUTION:** Do not let LCA fall to abruptly.

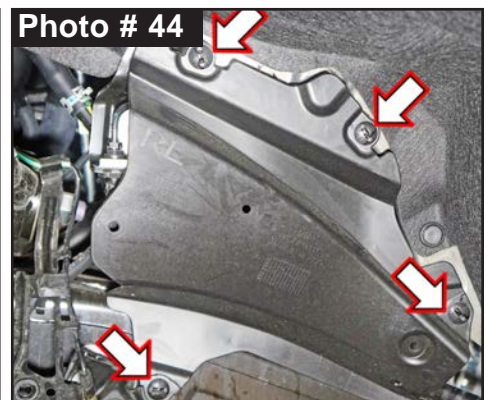
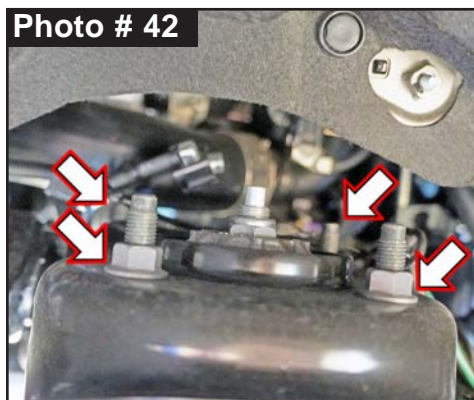
Remove OEM knuckle \ hub assembly. (Photo # 41) Let lower control arm hang.



33. Disconnect four (4) OEM upper strut mounting nuts from frame mount using a 14mm socket \ wrench. (Photo # 42) **Note:** Do NOT remove center strut rod nut. Remove strut.

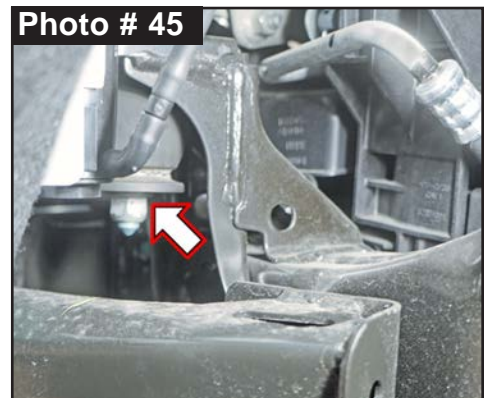
34. Remove forward OEM inner fender liner from front wheel well using needle nose pliers or other suitable tool. (Photo # 43)

Remove rearward OEM inner fender liner from front wheel well using needle nose pliers or other suitable tool. (Photo # 44)



▶ IMPORTANT: Removing & Replacing DRIVER Side Front Upper Control Arm Requires Disconnecting OEM Components In Engine Compartment.

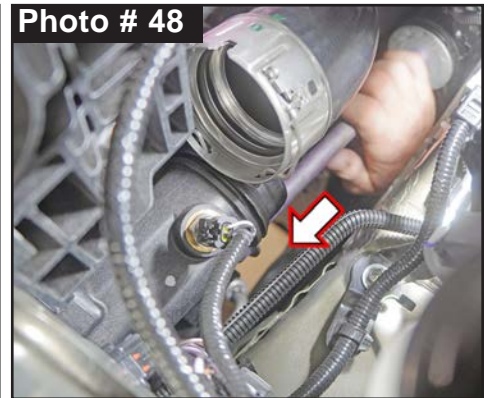
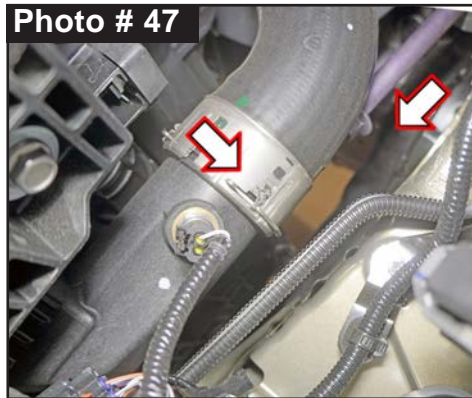
35. Locate driver side OEM radiator core support mount. (Photo # 45) Loosen OEM radiator core support bolt. This release of pressure will allow support bushing to decompress added clearance.



36. Disconnect OEM UCA hardware using two (2) 22mm sockets \ wrenches. (Photo # 46)
Remove OEM UCA bolt toward inside engine bay. (Photo # 46)

OEM UCA bolt will first make contact with OEM intercooler \ boost tube. (Photo # 47)
Disconnect OEM intercooler \ boost tube for additional clearance. (Photo # 48)

Tech Note: When removing OEM UCA bolt, you may need to carefully pry up OEM radiator core support bolt. Remove OEM UCA. (Photo # 45)

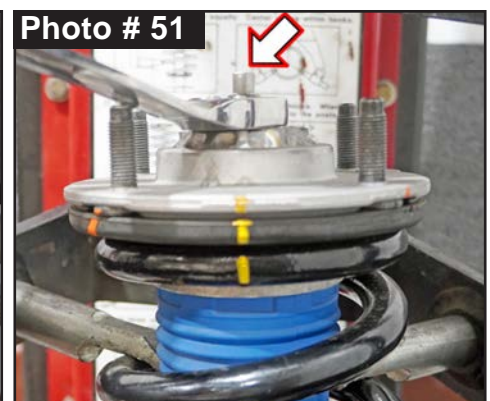
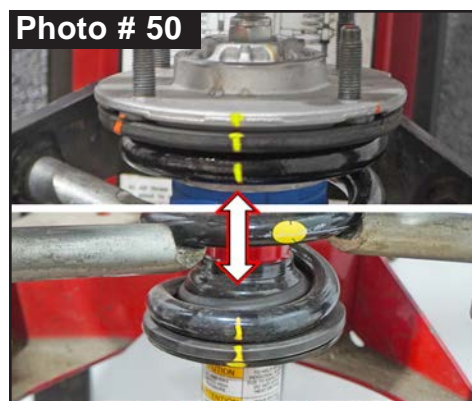


37. **Note:** Skyjacker UCA Are Side Specific:
Part # TU243UCA-L Driver & # TU243UCA-R Passenger.

Attach Skyjacker UCA to appropriate side of vehicle with OEM hardware using two (2) 22mm sockets \ wrenches. Install with OEM bolt installing from front-to-rear. (Photo # 49) Secure, but **Do Not Completely Tighten**. To set properly for ride height, these will be tightened once vehicle is on ground with full vehicle weight on tires \ wheels.

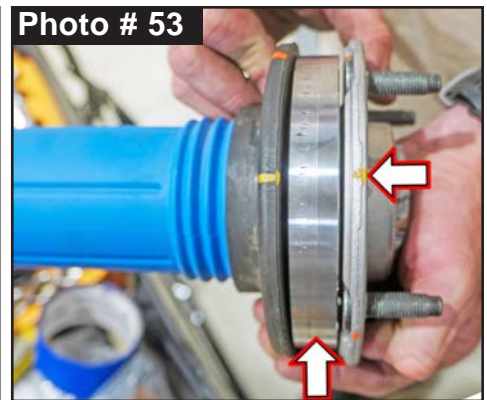
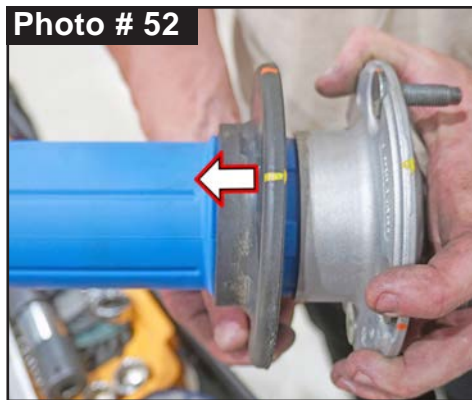


38. Place OEM strut into a suitable strut spring compressor. (Photo # 50) **Note:** For proper reassembly, mark top hat upper strut mounting isolator, rubber isolator & coil spring at top of strut. Mark lower strut coil seat, isolator & coil spring at middle of strut.



39. Compress coil spring on strut assembly. Hold upper hex portion of shaft & remove upper strut isolator nut using a 19mm socket \ wrench. (Photo # 51) Leave coil spring in spring compressor.

40. Remove OEM upper strut mounting isolator & rubber coil spring isolator. (Photo # 52)

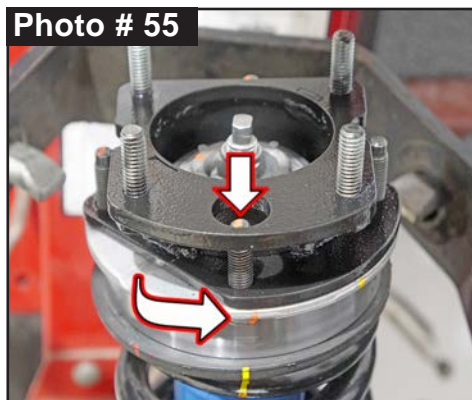
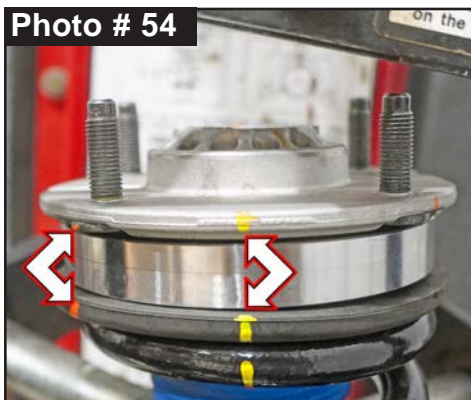


Place Skyjacker # TC24750CS-S Front Preload Spacer (0.750" thick) between OEM upper strut mounting isolator & coil spring rubber isolator. (Photo # 53)

41. **Note:** OEM has marked alignment of OEM coil spring isolator with OEM forward stud on upper strut mounting isolator. (Photo # 54) Make sure that your 'marks' aligned.

Note: Skyjacker Upper Strut Spacers Are Not Side Specific: # TC2415FMS-S Driver or Passenger. Align Skyjacker Upper Strut Spacer with OEM studs on top of OEM strut assembly.

42. Rotate OEM upper strut mounting isolator & Upper Strut Spacer to align with your marks on coil spring & rubber isolator. (Photo # 55) Remove from strut spring compressor.
43. Attach with OEM hardware using a 14mm wrench. Start all four (4) OEM flange nuts before beginning tightening sequence. (Photo # 56) **Tech Note:** Use a pry bar or similar tool going across & between studs to keep strut\ spacer from turning to tighten. Torque 33 ft-lbs.



44. Connect Skyjacker\OEM strut assembly to OEM upper mount with supplied 10mm Nylon Insert Flange Nuts using a 15mm wrench. (Photo # 57) **Tech Note:** Start all four (4) flange nuts before beginning tightening sequence. Secure, but **Do Not Completely Tighten**.

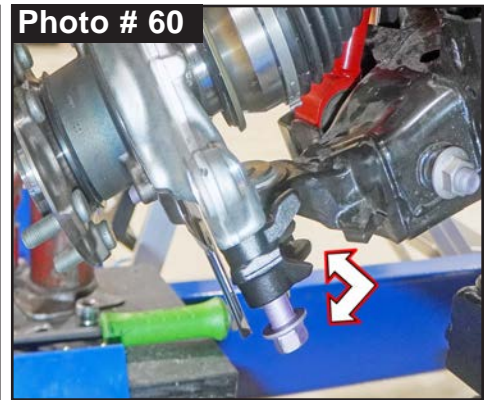
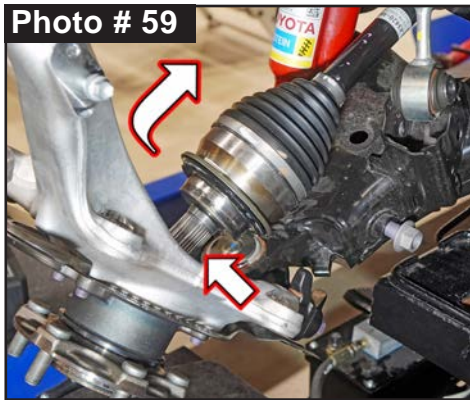


45. Support bottom of OEM LCA with jack. Raise OEM LCA & connect Skyjacker\OEM strut assembly to lower strut mount with OEM hardware using two (2) 22mm sockets \wrenches. (Photo # 58) Secure, but **Do Not Completely Tighten**. **Tech Note:** You may need to raise jack to connect.

46. **Tech Note:** Add an anti-seize lubricant to OEM CV axle shaft splines. (Photo # 59)

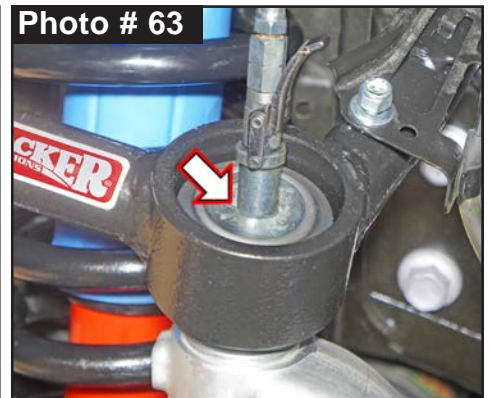
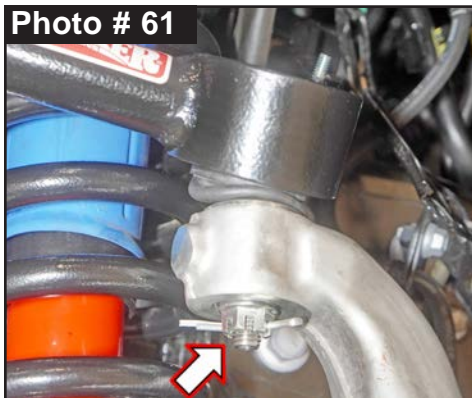
Position OEM knuckle \ hub assembly onto OEM LCA while sliding OEM CV axle shaft splines into through knuckle. (Photo # 59)

Attach OEM knuckle with two (2) OEM LCA bolts using a 22mm socket \ wrench. (Photo # 60)



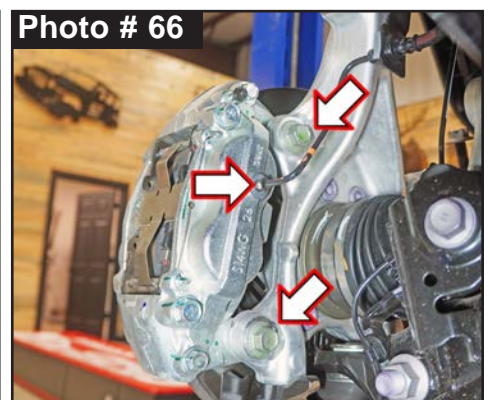
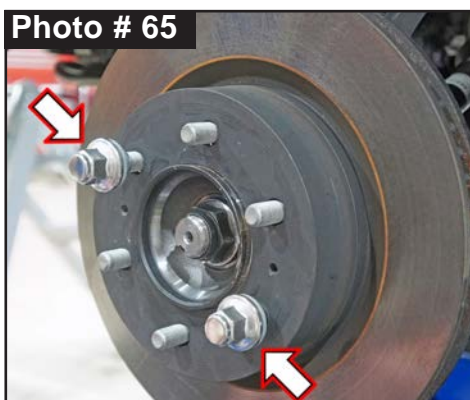
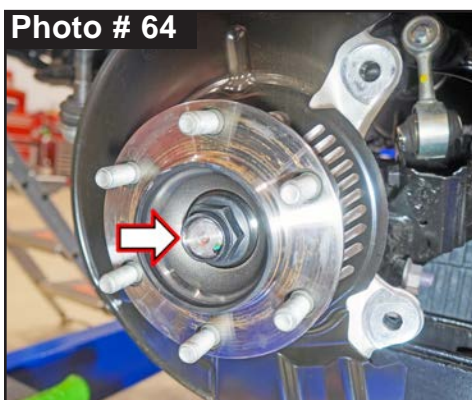
47. Attach Skyjacker UCA ball joint to OEM knuckle with supplied castle nut using a 18mm socket \ wrench. (Photo # 61) Align cotter pin. **CAUTION:** Ensure castle nut & cotter pin align properly into Skyjacker UCA ball joint. Never loosen castle nut to align cotter pin; always tighten. **Tech Note:** If needed, use a pry bar to lower Skyjacker UCA to attach ball joint. (Photo # 62) Torque OEM knuckle lower bolts = 118 ft-lbs.

48. 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. (Photo # 63)

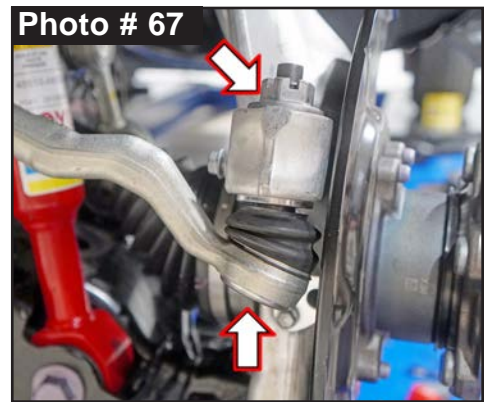


49. Install OEM CV shaft nut to hub assembly. (Photo # 64) Tighten CV nut using a 36mm socket. Install OEM CV shaft nut dust cover to center of hub assembly.

50. Install OEM brake rotor onto OEM hub assembly. (Photo # 65) **Tech Note:** Use OEM lug nut to hold brake rotor in place. (Photo # 65) Install OEM brake caliper assembly with two (2) OEM brake caliper mounting bolts to OEM knuckle using a 19mm socket \ wrench. (Photo # 66) **Note:** Make sure brake pad wear sensor wire is still connected to caliper. (Photo # 66)



51. Connect OEM outer tie rod end to OEM knuckle boss from bottom-up with OEM castle nut using a 24mm socket \ wrench. (Photo # 67) Align cotter pin. **CAUTION:** Ensure castle nut & cotter pin align properly into tie rod ball joint. Never loosen castle nut to align cotter pin; always tighten.

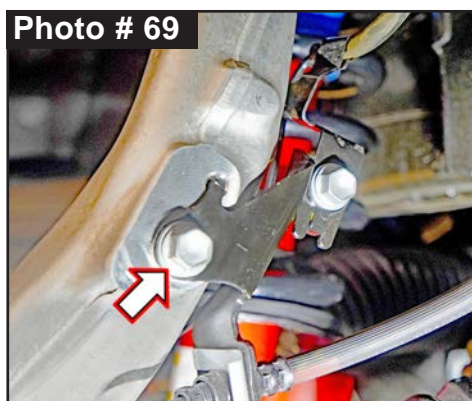
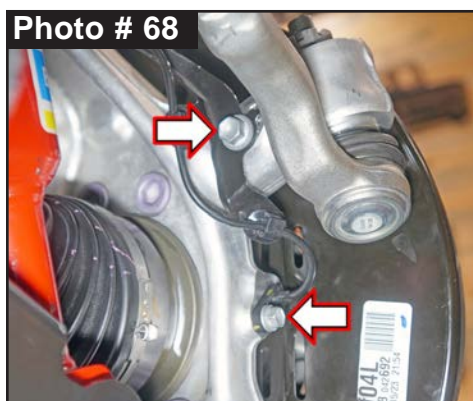


52. On OEM knuckle below tie rod boss, connect OEM ABS sensor with OEM hardware using a 10mm socket \ wrench. (Photo # 68)

On OEM knuckle tie rod boss, connect OEM ABS line bracket with OEM hardware using 12mm socket \ wrench. (Photo # 68)

53. Connect OEM ABS \ brake line bracket to side of OEM steering knuckle with OEM hardware using a 12mm socket \ wrench. (Photo # 69)

54. Connect OEM ABS \ brake bracket to Skyjacker UCA mount with supplied 1/4" SAE Washer & 1/4" Course Thread Nylon Insert Lock Nut using a 7/16" socket \ wrench. (Photo # 70)



NOTE: Perform Steps 22-54 on Passenger Side.

55. Connect driver & passenger side OEM sway bar end link to OEM LCA using a 19mm socket \ wrench. (Photo # 23) Secure, but **Do Not Completely Tighten.**

56. Realign marks on cam bolt positions on OEM LCA at frame. (Photo # 36 & # 37)

Tighten cam bolts on both arms using two (2) 22mm sockets \ wrenches. Torque 207 ft-lbs. **Note:** Final torque will be set by alignment technician.

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

▶IMPORTANT: Reinstall DRIVER Side OEM Components In Engine Bay.

58. Reconnect OEM intercooler \ boost tube (Photo # 48)

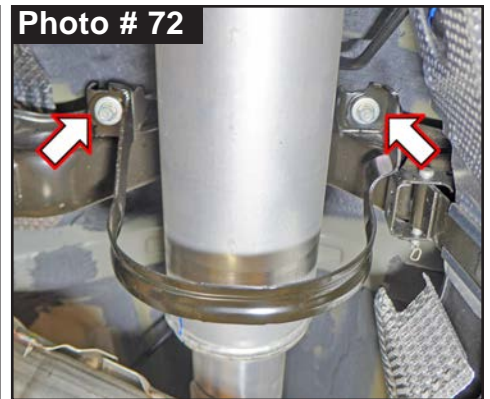
Tighten OEM radiator core support bolt with OEM hardware. (Photo # 45)

Install forward & rearward OEM inner fender liners at front wheel well using needle nose pliers or other suitable tool. (Photo # 43 & # 44)

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 21mm socket.
3. Support rear axle with a hydraulic jack. Allow ample room to lower rear axle.

4. Disconnect OEM rear ABS & e-brake wiring harness bracket on passenger & driver side differential using a 12mm socket \ wrench. (Photo # 71)

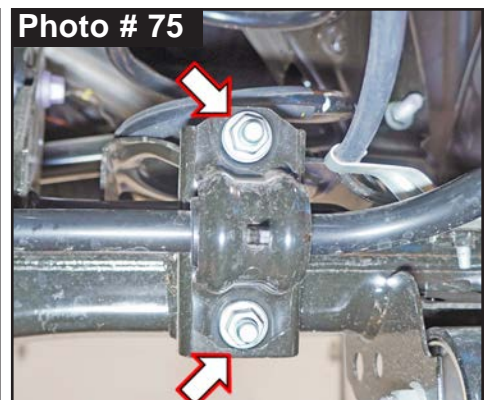
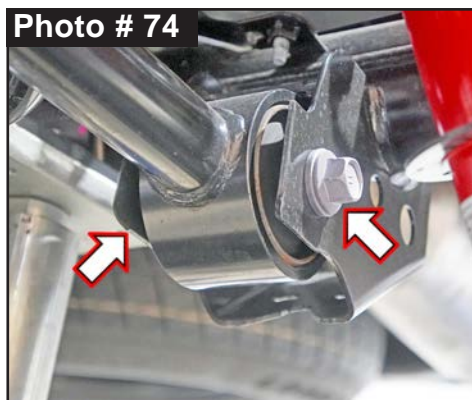
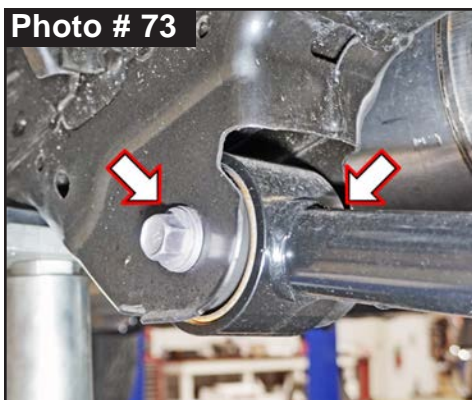


5. Remove OEM driveshaft hoop using a 14mm socket \ wrench. (Photo # 72)

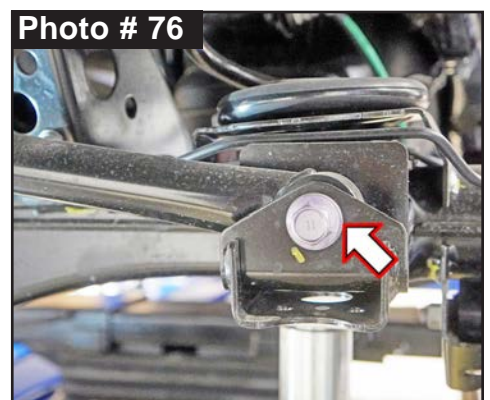
6. Loosen, but do not remove OEM UCA hardware at front frame mount using 19mm sockets \ wrenches. (Photo # 73)

Loosen, but do not remove OEM UCA hardware at rear axle mount using 19mm sockets \ wrenches. (Photo # 74)

7. Disconnect OEM sway bar from axle mount by removing two (2) OEM nuts per side using a 17mm socket \ wrench. (Photo # 75) Remove driver & passenger side mounts. Roll OEM sway bar down from axle.



8. Disconnect OEM rear track bar on passenger side at rear differential lower mount using a 19mm socket \ wrench. (Photo # 76) Remove OEM hardware.



9. Disconnect OEM brake line brackets from axle mount by removing two (2) OEM bolts per side using a 12mm socket \ wrench. (Photo # 77) Remove driver & passenger side mounts.

Photo # 77

View From Rear-To-Front
Driver Side



10. Disconnect OEM brake line bracket from diff cover mount using a 12mm socket \ wrench. (Photo # 78)

11. Disconnect OEM rear brake line bracket mount on passenger side only at upper control arm axle mount using a 12mm socket \ wrench. (Photo # 79)

12. If equipped, disconnect OEM differential lock connection bracket mount from top of diff using a 12mm socket \ wrench. (Photo # 80)

Photo # 78

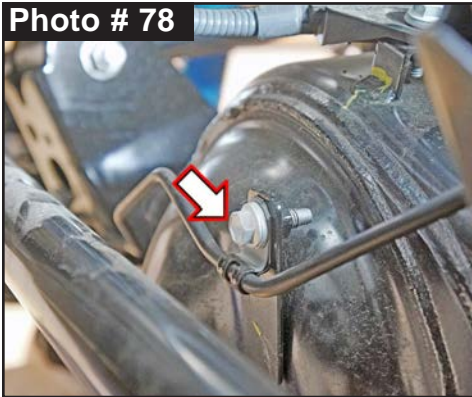


Photo # 79

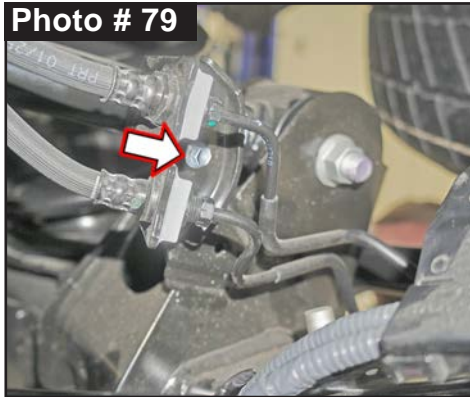
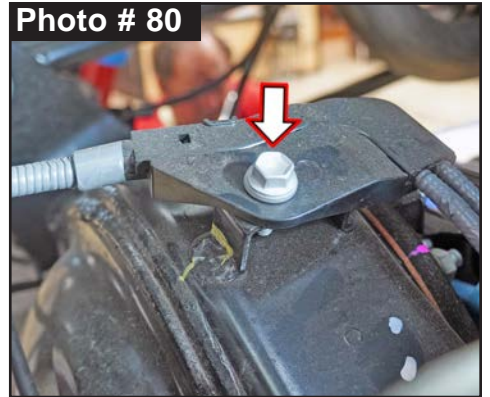


Photo # 80



13. Loosen, but do not remove, OEM rear shock upper mounting nut using a 19mm wrench for nut & a 8mm wrench to hold top of shock stud. (Photo # 81)

Photo # 81



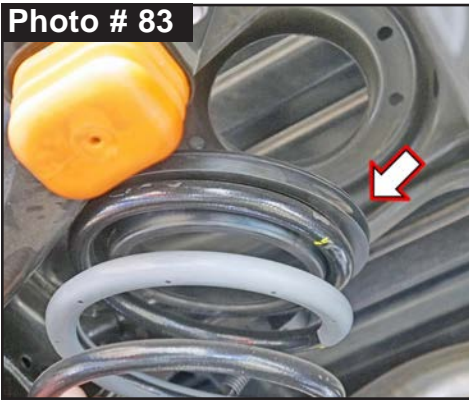
Photo # 82



14. Disconnect OEM rear shock lower mount using a 17mm socket \ wrench. (Photo # 82)

Tech Note: OEM shock perch runs at a downward angle. Lower \ raise axle & compress shock to remove.

15. While checking for appropriate slack in ABS lines, e-brake lines, differential vent hose, & etc. Lower rear differential & remove OEM rear coil spring & isolator. (Photo # 83)
16. **Note:** Skyjacker Coil Spring Spacers Are Not Side Specific. # TC2420RMS-S Driver or Passenger.
Place Skyjacker Coil Spring Spacer on top of OEM rear coil spring & isolator. (Photo # 84)
17. Install Skyjacker \ OEM rear coil spring assembly. (Photo # 85) **Note:** Make sure OEM coil spring is indexed to axle seat properly, then raise rear differential in order to load in place.

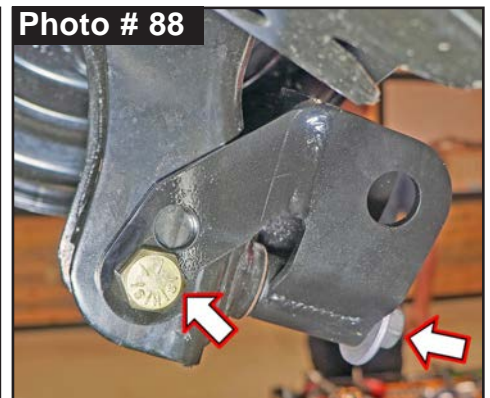
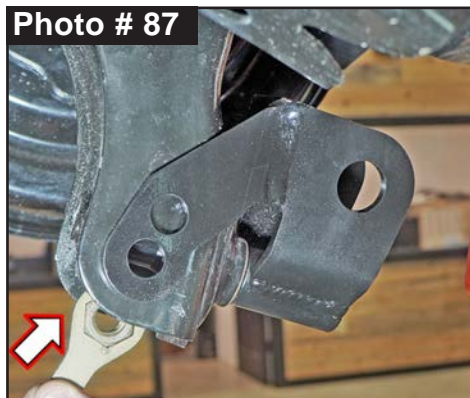


18. **Note:** Skyjacker Rear Shock Extension Brackets Are Side Specific: # TU223RSE2-D Driver & # TU223RSE2-P Passenger.

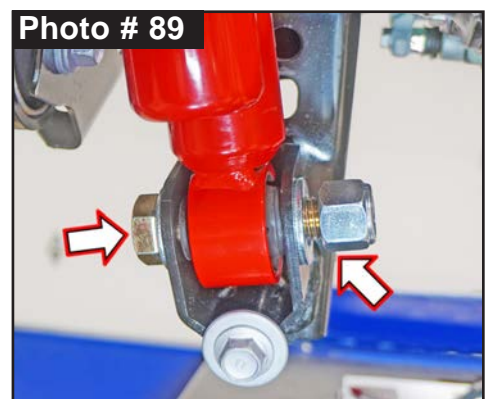
Position appropriate Skyjacker Rear Shock Extension Bracket onto OEM shock perch. (Photo # 86)

Insert supplied Tab Nut inside OEM shock mount. (Photo # 87) Attach with supplied 1/2" x 1-1/4" Bolt with 1/2" SAE Washer using a 3/4" socket \ wrench.

(Photo # 88) Attach OEM hardware using a 17mm socket \ wrench. (Photo # 88)

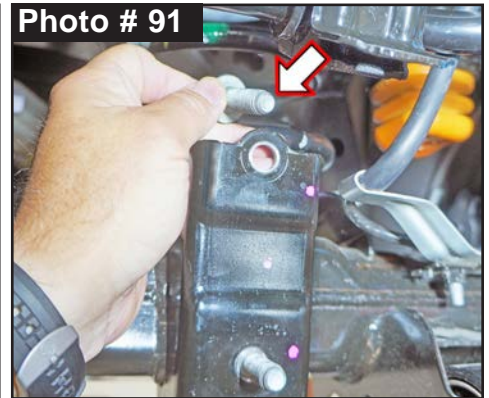
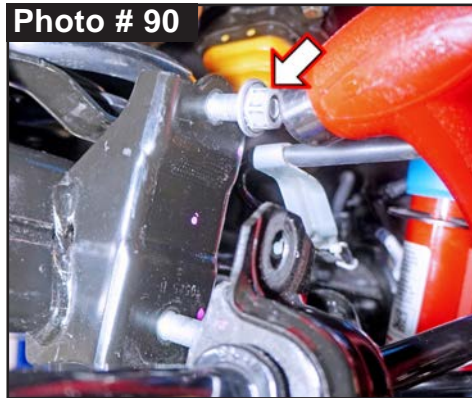


19. Install OEM rear shock to Skyjacker Bracket with supplied 3/4" x 3-1/2" Bolt with 3/4" SAE Washer. (Photo # 89) Attach with supplied 3/4" SAE Washer & 3/4" Nylon Insert Lock Nut using a 1-1/8" socket \ wrench. Secure, but **Do Not Completely Tighten.** **Tech Note:** Lower \ raise axle & compress shock to install it.



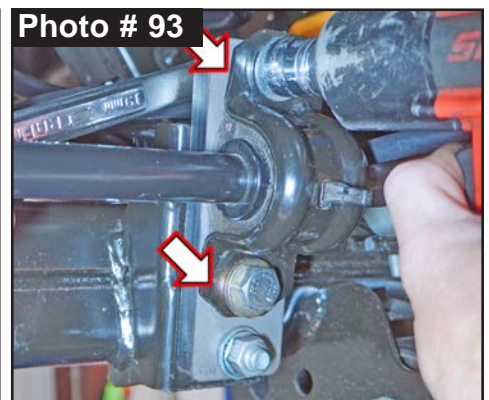
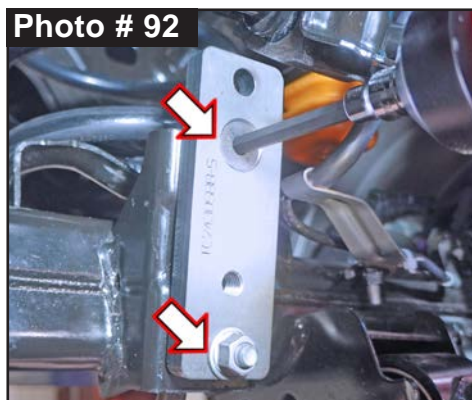
20. **Note:** Skyjacker Rear Sway Bar Brackets Are Not Side Specific. # TC2430SBB-S Driver or Passenger. **Note:** Tapered hole installs at upper OEM mounting stud mount.

Upper OEM mounting stud must be removed from OEM sway bar axle mount. Attach OEM nut to upper stud. Dislodge stud using a hammer. (Photo # 90) Only strike nut end of stud. Remove OEM mounting stud. (Photo # 91)



21. Attach Skyjacker Rear Sway Bar Bracket lower hole onto OEM lower stud mount. (Photo # 92) Secure with OEM nut.

Attach bracket's upper tapered hole at OEM stud mount open hole with supplied 12mm x 40mm Flat Socket Bolt. (Photo # 92) Attach with supplied 1/2" SAE Washer & 12mm Nylon Insert Lock Nut using a 8mm Hex Key & a 19mm socket \ wrench. Torque to 80 ft-lbs. Torque OEM hardware to 60 ft-lbs. Repeat process on opposite side.



22. Connect OEM sway bar mounting bracket to Skyjacker bracket. Attach upper OEM mount to bracket with supplied 12mm x 40mm Metric Bolt & 1/2" SAE Washer front-to-back. (Photo # 93)

Attach with supplied 1/2" SAE Washer & 12mm Nylon Insert Lock Nut using a 19mm socket \ wrench. Secure, but **Do Not Completely Tighten**.

Attach lower OEM mount to bracket with supplied 12mm x 20mm Metric Bolt & 1/2" Extra Thick Flat Washer front-to-back. (Photo # 93) Attach with supplied 1/2" SAE Washer & 12mm Nylon Insert Lock Nut using a 19mm socket \ wrench. Torque both mounts to 80 ft-lbs.

23. **Note:** Skyjacker Rear Bump Stop Extension Brackets Are Side Specific: # TU223BSE-D Driver & # TU223BSE-P Passenger.

Remove OEM rear bump stop bracket on passenger & driver side at frame mount using a 12mm socket \ wrench. (Photo # 94)

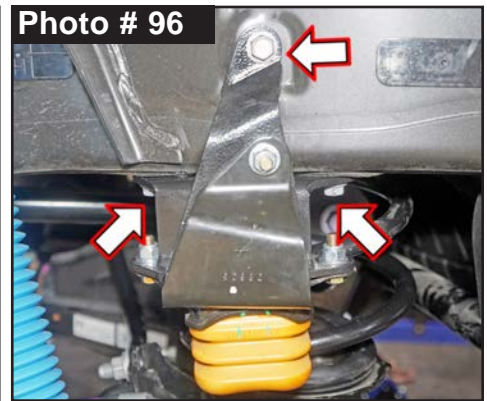
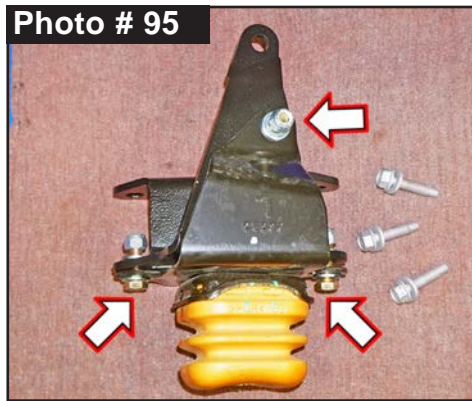


24. Align appropriate OEM bump stop assembly with Skyjacker Rear Bump Stop Extension Bracket. Attach to upper stud on bracket with 5/16" SAE Washer & 5/16" Coarse Thread Nut using a 1/2" socket \ wrench. (Photo # 95) Secure, but **Do Not Completely Tighten**.

Attach two (2) lower OEM bracket mount holes with supplied 5/16" x 1" Fine Thread Bolt with 5/16" SAE Washer from bottom-to-top. Attach with supplied 5/16" SAE Washer & 5/16" Nylon Insert Lock Nut using a 1/2" socket \ wrench.

(Photo # 95) Torque All 5/16" to 240 in-lbs.

25. Attach Skyjacker \ OEM bump stop assembly to OEM frame mount with OEM hardware using a 12mm socket \ wrench. (Photo # 96) Torque to 240 in-lbs.



26. If equipped, connect OEM differential lock connection bracket mount to top of diff with OEM hardware using a 12mm socket \ wrench. (Photo # 80)
27. Connect OEM rear brake line bracket mount on passenger side at upper control arm axle mount with OEM hardware using a 12mm socket \ wrench. (Photo # 79)
28. Connect OEM brake line bracket to diff cover mount with OEM hardware using a 12mm socket \ wrench. (Photo # 78)
29. Connect OEM brake line brackets to axle mounts. Two (2) OEM bolts per driver & passenger side mounts using a 12mm socket \ wrench. (Photo # 77)
30. Disconnect OEM rear ABS & e-brake wiring harness bracket on passenger & driver side differential using a 12mm socket \ wrench. (Photo # 71)
31. Re-install OEM driveshaft hoop using a 14mm socket \ wrench. (Photo # 72)
32. Install rear tires \ wheels using a 21mm socket & lower rear of vehicle to ground.
33. Connect OEM rear track bar on passenger side at rear differential lower mount with OEM hardware using a 19mm socket \ wrench. (Photo # 76) Secure, but **Do Not Completely Tighten**.

Final Clearance Check & Torque 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, control arms, brake hoses, ABS wiring, etc.
3. **Front Tighten & Torque Sequence.**
Front upper control arm mounts using two (2) 22mm sockets \ wrenches. Torque 207 ft-lbs.
Front strut assembly upper mount using a 15mm socket \ wrench. Torque 48 ft-lbs.
Front strut assembly lower mount using two (2) 22mm sockets \ wrenches. Torque 122 ft-lbs.
Sway bar bracket to frame using a 17mm socket \ wrench. Torque 55 ft-lbs.
Sway bar end link to lower control arm using a 19mm socket \ wrench. Torque 55 ft-lbs.
Front lower control arm mounts using two (2) 22mm sockets \ wrenches. Torque 207 ft-lbs.

4. Rear Tighten & Torque Sequence.

- Rear shock absorber upper mount using a 8mm & a 19mm socket \ wrench. Torque 37 ft-lbs.
- Rear shock absorber lower mount using a 17mm socket \ wrench. Torque 72 ft-lbs.
- Rear track bar at differential mount using a 19mm socket \ wrench. Torque 103 ft-lbs.
- Rear upper control arm mounts using a 19mm socket \ wrench. Torque 100 ft-lbs.
- Rear lower control arm mounts using a 19mm socket \ wrench. Torque 100 ft-lbs.

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.

SKYJACKER

SUSPENSIONS

SKYJACKER.COM

Check Out Our Favorite Ministries at:

- innministries.org
- familychurch.org
- 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



**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