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# 2014 GM 1500 Pick-Up 4WD 4" Suspension Lift Installation Instructions

### REQUIRED TOOL LIST:

- \* Safety Glasses
- \* Metric / Standard Wrenches & Sockets
- \* Allen Wrenches
- \* Floor Jack
- \* Jack Stands
- \* Measuring Tape
- \* Torque Wrench
- \* Reciprocating Saw
- \* Grinder



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts or hardware are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

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

Driver Side Front: \_\_\_\_\_ Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_ Passenger Side Rear: \_\_\_\_\_

### IMPORTANT NOTES:

- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local GM dealer or an authorized dealer for details.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.

## Component Box Breakdown:

### Part #: C14461A / C14461AAL

Item #	Description	Qty	Item #	Description	Qty
C1446L-S	4" 14 GM 1500 DRV KNUCKLE (Included With C14461A Box)	1	C1446R-A	4" 14 GM 1500 PAS KNUCKLE (Included With C14461AAL Box)	1
C1446R-S	4" 14 GM 1500 PAS KNUCKLE (Included With C14461A Box)	1	C1446FCM-B	4" 14 GM 1500 FRT X-MEMBER	1
C1446L-A	4" 14 GM 1500 DRV KNUCKLE (Included With C14461AAL Box)	1	C1446RCM-B	4" 14 GM 1500 REAR X-MEMBER	1
			H-BOX C14461A	HDWR BOX: C14461A COM BOX	1

## Hardware Box Breakdown:

### Part # H-BOX C14461A

Item #	Description	Qty	Item #	Description	Qty
C736CVS-S	GM 1500 FRONT CV SPACER	2	HB-C736-CM	HDWR BAG:GM 1500 X-MEMBER	1
C766SBL-S	GM OE STYLE SWAY BAR LINK	2	HB-C736-CVS	HDWR BAG:GM 1500 CV SPCR	1
HB-C736-BL	HDWR BAG: ABS/BRK LINE BRK	1	HB-C736-DS	HDWR BAG:GM 1500 DIFF SPCR	1

## Hardware Bag Breakdown:

### Part # HB-C736-BL

Item #	Description	Qty	Item #	Description	Qty
C736ABS-B	GM 1500 FRONT ABS BRACKET	2	516SAEW	5/16 SAE WASHER	8
JKBE4D	GM 1500 BRAKE LINE BRACKET	2	516FTN	5/16 FINE THREAD LOCK NUT	4
516X1FTB	5/16 X 1 FINE THREAD BOLT	4			

### Part # HB-C736-CM

Item #	Description	Qty	Item #	Description	Qty
C7FS58-S	GM 1500 FRT X-MEM SPACER	2	58SAEW	5/8 SAE WASHER	8
CS2720-S	UPPER CRUSH SLEEVE	2	58FTN	5/8 FINE THREAD LOCK NUT	4
58X512FTB	5/8 X 5 1/2 FINE THREAD BOLT	4			

### Part # HB-C736-CVS

Item #	Description	Qty	Item #	Description	Qty
10MMX50MMB	10MM X 50MM METRIC BOLT	12	5MMX12SHB	5MM X 12MM KNUCKLE BOLT	2
LT100	NUTS N' BOLTS 427 1 ML TUBE	1			

## Part # HB-C736-DS

Item #	Description	Qty
C736DF-S	GM 1500 FRONT DIFF SPACER	2
C736DR-S	GM 1500 REAR DIFF SPACER	2
12X120MMB	12MM X 120MM METRIC BOLT	4

Item #	Description	Qty
716SAEW	7/16 SAE WASHER	8
12MMN	12MM LOCK NUT	4

### Component Box Breakdown:

## Part #: C14460SP

Item #	Description	Qty
C1440MS-S	4" GM 1500 FRONT SPACER	2
HB-10MM/NFN	HDWR BAG:10MM FLANGE NUTS	1

Item #	Description	Qty
I-C1446SP	INST SHEET: 4" 14 GM 1500	1

### Hardware Bag Breakdown:

## Part # HB-10MM/NFN

Item #	Description	Qty
10MMX1.5NFN	10MM X 1.5 NYLON FLG NUT	6

### Component Box Breakdown:

## Part #: C7361PR

Item #	Description	Qty
RBF20	2" REAR BLOCK	2

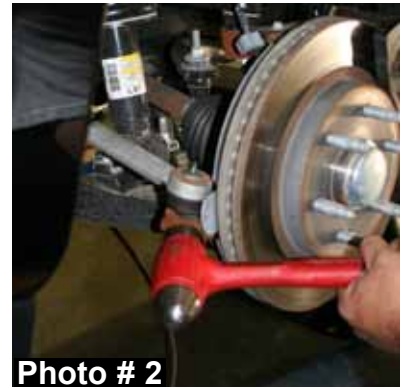
Item #	Description	Qty
916X212X1012	U-BOLT W/ 9/16 FINE THRD NUTS	4

## **Front Installation:**

1. With the vehicle on a level concrete or asphalt surface, set the emergency brake & block the rear tires / wheels. Place a floor jack under the lower control arm front cross member & raise the front of the vehicle. Place jack stands under the frame rails behind the front wheel wells & lower the frame onto the jack stands.
2. Remove the front tires / wheels using a 22mm socket. (See Photo # 1)
3. Remove the OEM outer tie rod end nuts from the OEM steering knuckles using a 18mm socket & disconnect the OEM outer tie rod ends from the OEM steering knuckles using a tie rod puller or similar tool. (See Photo # 2)
4. Disconnect the OEM brake calipers from the OEM brake rotors & disconnect the OEM brake lines from the OEM upper A-arms. (See Photo # 3) Simply wire the OEM brake calipers out of the way. It will not be necessary to disconnect the OEM brake lines from the OEM brake calipers.
5. Remove the OEM sway bar end links using a 15mm socket & remove the OEM sway bar. (See Photo # 4)
6. Remove the OEM strut assemblies by removing the lower mounting bolts & upper strut retaining nuts. (See Photo # 5)
7. Disconnect the OEM upper & lower A-arms from the OEM steering knuckles using a 18mm socket. It may be necessary to strike the side of the OEM steering knuckles to dislodge the OEM ball joints. Be careful not to damage the OEM ball joints. (See Photo # 6)



**Photo # 1**



**Photo # 2**



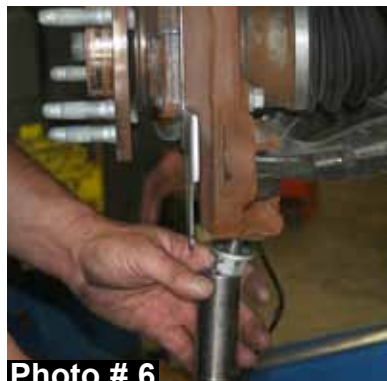
**Photo # 3**



**Photo # 4**



**Photo # 5**



**Photo # 6**

8. Remove the OEM CV axles using a 15mm socket. (See Photo # 7)
9. Remove the OEM front skid plates using a 15mm socket. Disconnect the OEM lower A-arms using a 18mm & 24mm socket.
10. Remove the OEM rear cross member using a 18mm socket. (See Photo # 8)
11. Disconnect the OEM steering shaft & all electrical connections from the OEM rack & pinion. (See Arrow Photo # 9) Remove the OEM rack & pinion using a 18mm & 24mm socket. (See Photo # 10)
12. Disconnect the OEM front drive shaft from the front differential & support the front differential using a transmission jack. Remove the OEM front differential mounting bolts using a 15mm & 18mm socket & remove the front differential. (See Photo # 11)
13. It will be necessary to cut the driver side frame rail where the OEM rear cross member was located. Measure toward the frame 3" at the top of the OEM rear cross member & make a mark. Measure toward the frame 1" at the bottom of the OEM rear cross member & make a mark. Draw a line connecting the two marks & cut using a reciprocating saw or similar tool. (See Photo # 12 / Before View & # 13 After View)



**Photo # 7**



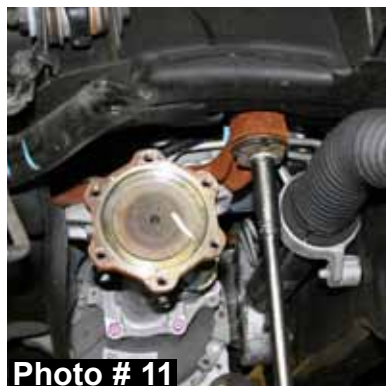
**Photo # 8**



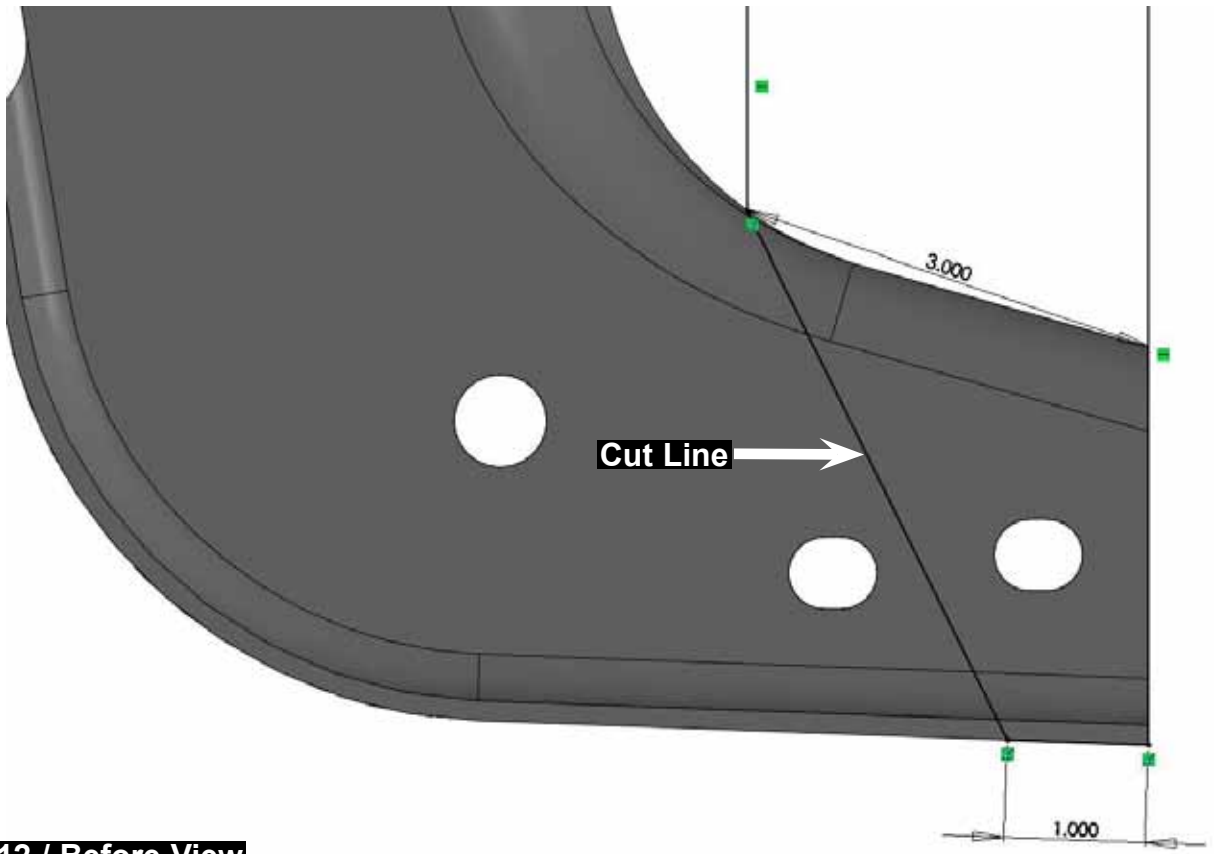
**Photo # 9**



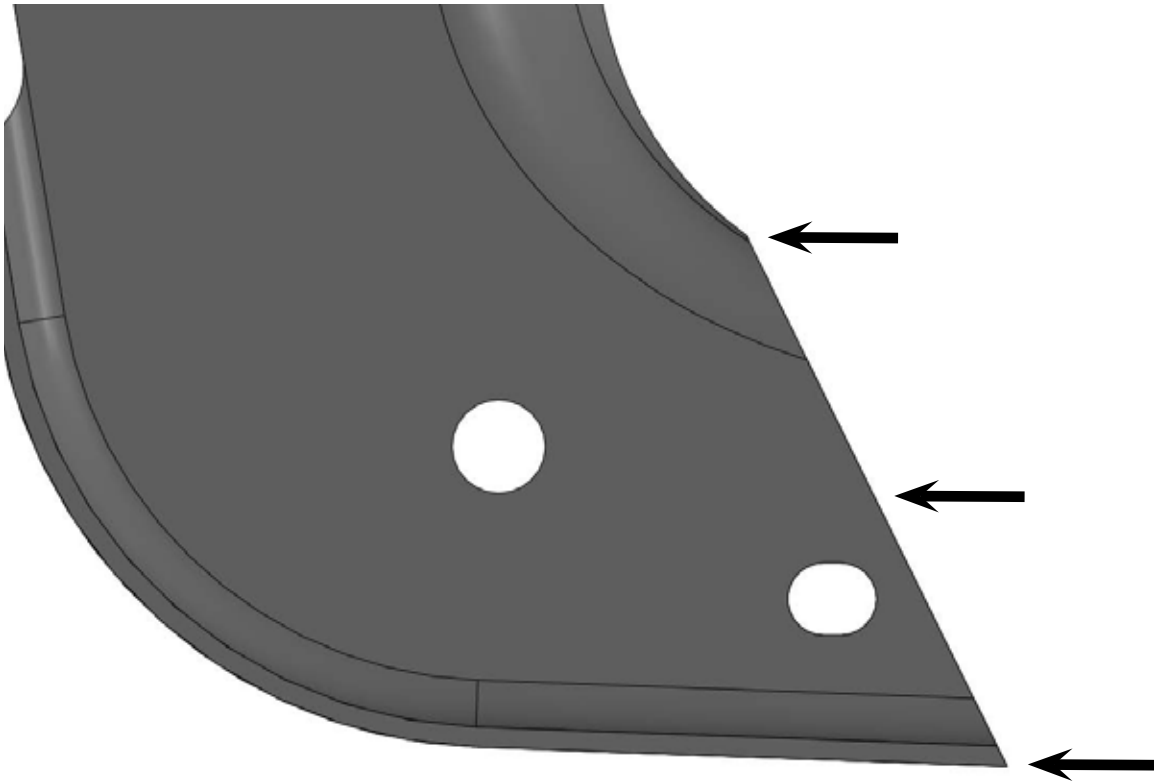
**Photo # 10**



**Photo # 11**



**Photo # 12 / Before View**



**Photo # 13 / After View**



14. To reinstall the OEM front differential, install the new Skyjacker aluminum front differential spacers between the OEM front differential mounts & the frame using the supplied 12mm x 120mm bolts, washers, & nuts. (See Arrow Photo # 14) **Note:** The thicker (1" thick) spacers are for the front mounts & the thinner (.875" thick) spacers are for the rear mounts.
15. Reconnect the OEM front drive shaft using the OEM hardware.
16. Install the OEM rack & pinion using a 18mm & 24mm socket. (See Photo # 10) Reconnect the OEM steering shaft & all electrical connections to the OEM rack & pinion. (See Arrow Photo # 9)
17. Install the new Skyjacker rear cross member using the OEM 12mm hardware & the supplied 5/8" x 5 1/2" fine thread bolts, washers, & nuts. (See Photo # 15)
18. Install the new Skyjacker aluminum front cross member spacers between the new Skyjacker front cross member & the frame. Install the new Skyjacker front cross member using the supplied crush sleeves, 5/8" x 5 1/2" fine thread bolts, washers, & nuts. (See Photo # 16)
19. Attach the OEM A-arms to the new Skyjacker front & rear cross members using the OEM hardware. (See Photo # 17)
20. Remove the OEM hub bearing assemblies from the OEM steering knuckles using a 15mm socket. Install the OEM hub bearing assemblies to the new Skyjacker steering knuckles using the OEM hardware. (See Photo # 18)
21. Install the new Skyjacker strut spacers on the top of each OEM strut assembly using the OEM hardware & 18mm wrench. (See Photo # 19)



**Photo # 14**



**Photo # 15**



**Photo # 16**



**Photo # 17**



**Photo # 18**



**Photo # 19**

22. Install the upper mount of the strut assemblies using the supplied 10mm nuts. (See Photo # 20) Install the lower mount of the strut assemblies using the OEM hardware. (See Photo # 21)



Photo # 20

23. Attach the new Skyjacker steering knuckles to the upper & lower A-arms using the OEM hardware. Install the new Skyjacker CV axle spacers & OEM CV axles using the supplied 10mm x 50 mm bolts & thread locking compound. (See Photo # 22)



Photo # 21

24. Attach the OEM ABS lines to the new Skyjacker steering knuckles using the supplied 5mm x 12mm bolts.

25. Install the new Skyjacker ABS line & brake line brackets to the frame using the supplied 5/16" x 1" fine thread bolts, washers, & nuts. (See Photo # 23)

26. Attach the OEM outer tie rod ends to the new Skyjacker steering knuckles using the OEM hardware. Reinstall the OEM brake rotors & OEM brake calipers using the OEM hardware.

27. Reinstall the OEM sway bar using the new Skyjacker sway bar end links. Install the new Skyjacker sway bar end links with the supplied gold washer on top of the OEM A-arm & the supplied nut on the bottom of the OEM A-arm. **Note:** Install the new sway bar end links with the pivoting end at the A-arm. (See Photo # 24)



Photo # 22

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

## **Rear Installation:**

29. Block the front tires / wheels, raise the rear of the vehicle, & properly support the frame rails using jack stands.

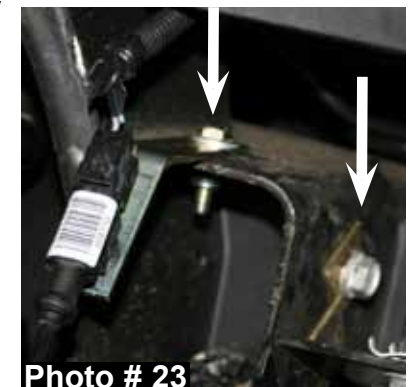


Photo # 23



Photo # 24



30. Remove the rear tires / wheels using a 22mm socket.
31. Support the rear differential & remove the OEM rear shocks & OEM U-bolts.
32. Install the new Skyjacker 2" rear lift blocks on top of the OEM rear blocks & install the new Skyjacker U-bolts. (See Photo # 25)
33. Install the new Skyjacker rear shocks.
34. Install the rear tires / wheels using a 22mm socket, & lower the rear of the vehicle to the ground.



**FINAL NOTES:**

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

<b><u>TORQUE SPECIFICATIONS</u></b>					
<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FT LB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

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



***Jesus Christ Died For You.***

John 3:16

For God so loved the world that He gave His only Son, so that everyone who believes in Him should not perish, but have everlasting life.  
Romans 3:23

For all have sinned; all fall short of God's glorious standard.  
Ephesians 2:8

God saved you by his special favor when you believed. And you can't take credit for this; it is a gift from God.  
Psalms 18:2

The Lord is my Rock, my fortress, and my savior; my God is my Rock, in whom I find protection. He is my shield, the strength of my salvation, and my stronghold.  
Romans 10:9-10

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

Pray This Simple Prayer:

God, I come to You admitting I have sinned against You and I need you to take control of my life. The Bible says anyone who calls on the name of the Lord will be saved. I am calling on You, Jesus. I ask that You come live in my heart and be the Lord over my life today. I do believe You died on the cross for me and came back to life to give me life! Thank You, Lord Jesus for a new life in You!

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

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

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***Jesús murió por ti.***

Juan 3:16

"Porque tanto amó Dios al mundo, que dio a su Hijo unigénito, para que todo el que cree en él no se pierda, sino que tenga vida eterna."  
Romanos 3:23

"Pues todos han pecado y están privados de la gloria de Dios."  
Efesios 2:8

"Porque por gracia ustedes han sido salvados mediante la fe; esto no procede de ustedes, sino que es el regalo de Dios."  
Salmos 18:2

"El Señor es mi roca, mi amparo, mi libertador; es mi Dios, el peñasco en que me refugio. Es mi escudo, el poder que me salva, ¡mi más alto escondite!"  
Romanos 10:9-10

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

Ahora dí esta simple oración:

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

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

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

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