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2007- 2013 GM 1500 4WD
Pick-Up / SUV
4" Suspension Lift
Installation Instructions

REQUIRED TOOL LIST:

- * Safety Glasses
- * Metric / Standard Wrenches & Sockets
- * Drill / Assorted Drill Bits
- * Cut Off Wheel / Grinder
- * Floor Jack
- * Jack Stands
- * Measuring Tape
- * Torque Wrench



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:

- This 4" lift is designed for models that are not equipped with autoride / self leveling suspension.
- 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 #: C7360SP

| Item # | Description | Qty |
|-------------|-------------------------|-----|
| C1440MS-S | FRONT STRUT SPACER | 2 |
| HB-10MM/NFN | HDWR BAG: 10MM FLG NUTS | 1 |

| Item # | Description | Qty |
|----------|------------------------------|-----|
| I-C736SP | INST SHEET: 4" 07-13 GM 1500 | 1 |

Hardware Bag Breakdown:

Part # HB-10MM/NFN

| Item # | Description | Qty |
|-------------|-----------------------|-----|
| 10MMX1.5NFN | 10MM X 1.5 FLANGE NUT | 6 |

Component Box Breakdown:

Part #: C7361A

| Item # | Description | Qty |
|------------|-------------------|-----|
| C1446L-S | DRIVER KNUCKLE | 1 |
| C1446R-S | PASSENGER KNUCKLE | 1 |
| C1446FCM-B | FRONT CROSS MEMBR | 1 |
| C1446RCM-B | REAR CROSS MEMBER | 1 |
| C736CVS-S | FRONT CV SPACER | 2 |

| Item # | Description | Qty |
|-------------|----------------------------|-----|
| C766SBL-S | SWAY BAR END LINK | 2 |
| HB-C736-CVS | HDWR BAG: CV SPACERS | 1 |
| HB-C736-CM | HDWR BAG: CROSS MEMBERS | 1 |
| HB-C736-DS | HDWR BAG: DIFF SPACERS | 1 |
| HB-C736-BL | HDWR BAG: BRK LINE/ABS BRK | 1 |

Hardware Bag Breakdown:

Part # HB-C736-CVS

| Item # | Description | Qty |
|------------|-------------------------|-----|
| 10MMX50MMB | 10MM X 50MM METRIC BOLT | 12 |

| Item # | Description | Qty |
|--------|-----------------------------|-----|
| LT100 | NUTS N' BOLTS 427 1 ML TUBE | 1 |

Part # HB-C736-CM

| Item # | Description | Qty |
|-----------|------------------------------|-----|
| C7FS58-S | FRT CROSS MEMBER SPACER | 2 |
| CS2720-S | UPPER CRUSH SLV, 2.720" LG | 2 |
| 58X512FTB | 5/8 X 5 1/2 FINE THREAD BOLT | 4 |

| Item # | Description | Qty |
|--------|--------------------------|-----|
| 58SAEW | 5/8 SAE WASHER | 8 |
| 58FTN | 5/8 FINE THREAD LOCK NUT | 4 |

Part # HB-C736-DS

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

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

Part # HB-C736-BL

| Item # | Description | Qty |
|-----------|---------------------------|-----|
| C736ABS-B | FRONT ABS BRACKET | 2 |
| JKBE4D | BRAKE LINE BRACKET | 2 |
| 516X1FTB | 5/16 X 1 FINE THREAD BOLT | 4 |

| Item # | Description | Qty |
|---------|---------------------------|-----|
| 516SAEW | 5/16 SAE WASHER | 8 |
| 516FTN | 5/16 FINE THREAD LOCK NUT | 4 |

Component Box Breakdown:

Part #: C7361PR

| Item # | Description | Qty |
|---------------|------------------------------|-----|
| RBF20 | 2" FLAT REAR BLOCK | 2 |
| 916X212X1012U | 9/16 X 2 1/2 X 10 1/2 U-BOLT | 4 |

| Item # | Description | Qty |
|--------|---------------------------|-----|
| 916FTN | 9/16 FINE THREAD LOCK NUT | 8 |

Component Box Breakdown:

Part #: C7361SR

| Item # | Description | Qty |
|-----------|--------------------------|-----|
| CLL963-L | REAR LOWER LINK | 2 |
| RBSB322-B | REAR BUMP STOP EXTENSION | 2 |
| SBE506-L | REAR SWAY BAR END LINK | 2 |

| Item # | Description | Qty |
|-------------|----------------------------|-----|
| C25RS | REAR COIL SPRING | 2 |
| HB-RSBL963 | HDWR BAG: REAR END LINKS | 1 |
| HB-C963-RBS | HDWR BAG: REAR BMP STP EXT | 1 |

Hardware Bag Breakdown:

Part # HB-RSBL963

| Item # | Description | Qty |
|---------------|--------------------------|-----|
| HOURGLASS 5/8 | HOURGLASS 5/8 BUSHING | 4 |
| 142121 | ES24 SLEEVE, 1.38" LONG | 4 |
| 12X3FTB | 1/2 X 3 FINE THREAD BOLT | 4 |
| 12FTN | 1/2 FINE THREAD LOCK NUT | 4 |

| Item # | Description | Qty |
|---------|--------------------------|-----|
| 12SAEW | 1/2 SAE WASHER | 8 |
| 38X1FTB | 3/8 X 1 FINE THREAD BOLT | 2 |
| 38FTN | 3/8 FINE THREAD LOCK NUT | 2 |
| 38SAEW | 3/8 SAE WASHER | 2 |

Part # HB-C963-RBS

| Item # | Description | Qty |
|---------|--------------------------|-----|
| 38X1FTB | 3/8 X 1 FINE THREAD BOLT | 2 |
| 38FTN | 3/8 FINE THREAD LOCK NUT | 2 |

| Item # | Description | Qty |
|--------|----------------|-----|
| 38SAEW | 3/8 SAE WASHER | 2 |

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. (See Photo # 2) **Note:** It may be necessary to strike the side of the OEM steering knuckles to dislodge the OEM outer tie rod ends. Be careful not to damage the OEM outer tie rod ends.
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) **Note:** 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. (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. **Note:** 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

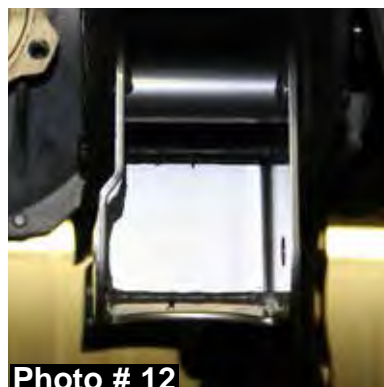
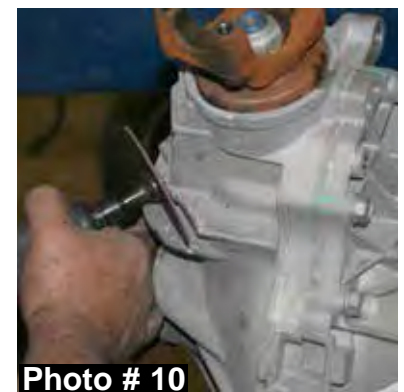


Photo # 5



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 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 # 9) **Note:** It will be necessary to cut / grind two fins from the OEM front differential. Remove the rearward fin completely & grind smooth. Grind the forward fin so it is even with the rear fin. (See Photo # 10)
12. 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 In Photo # 11) **Note:** The thicker (1" thick) spacers are for the front mounts & the thinner (.875" thick) spacers are for the rear mounts.
13. Reconnect the OEM front drive shaft using the OEM hardware.
14. Install the new Skyjacker rear cross member using the supplied 5/8" x 5 1/2" fine thread bolts, washers, & nuts. (See Photo # 12)



15. 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 # 13)
16. Attach the OEM A-arms to the new Skyjacker front & rear cross members using the OEM hardware. (See Photo # 14)
17. 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 # 15)
18. Install the new Skyjacker strut spacers on the top of each OEM strut assembly using the OEM hardware & 18mm wrench. (See Photo # 16)
19. Install the upper mount of the strut assemblies using the supplied 10mm nuts. (See Photo # 17) Install the lower mount of the strut assemblies using the OEM hardware. (See Photo # 18)
20. 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 # 19)



Photo # 13



Photo # 14



Photo # 15



Photo # 16

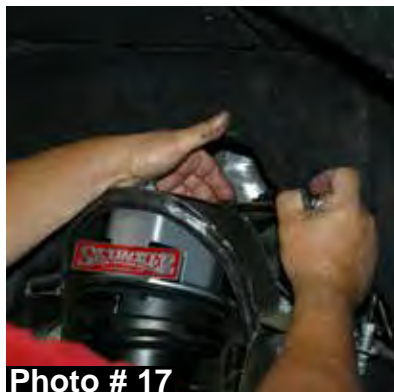


Photo # 17



Photo # 18



Photo # 19

21. 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 Arrows In Photo # 20)
22. 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.
23. Install the new Skyjacker sway bar end links using 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 # 21)
24. Install the front tires / wheels using a 22mm socket & lower the front of the vehicle to the ground.

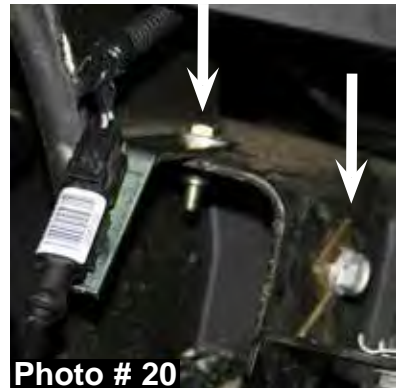


Photo # 20



Photo # 21

Rear Installation:

1. Block the front tires / wheels, raise the rear of the vehicle, & properly support the frame rails using jack stands.
2. Remove the rear tires / wheels using a 22mm socket.

Pick-Up Models:

3. Support the rear differential & remove the OEM rear shocks & OEM U-bolts.
4. While checking for appropriate slack in ABS lines, brake lines, differential breather hose, & etc. Lower the rear axle & install the new Skyjacker 2" rear lift blocks on top of the OEM rear blocks. Install the new Skyjacker U-bolts using the supplied 9/16" fine thread nuts. (See Photo # 22)



Photo # 22

SUV Models:

5. Support the rear differential & remove the OEM rear shocks.
6. Remove the OEM rear sway bar end links. (See Photo # 23)



Photo # 23

7. Remove the OEM lower control arms & install the new Skyjacker rear lower control arms using the OEM hardware. (See Photo # 25) **Note:** Remove one side at a time so the axle is not free to move. (See Photo # 24)

8. Install the new Skyjacker bump stop brackets to the OEM bump stop pads so the lip of the new bump stop brackets catch on the front of the OEM bump stop pads. Install using the supplied 3/8" x 1" fine thread bolts, washers, & nuts. **Note:** The 3/8" bolts will install from under the OEM bump stop pads through the new bump stop brackets. (See Photo # 26)



9. While checking for appropriate slack in ABS lines, brake lines, differential breather hose, & etc. Lower the rear axle & remove the OEM rear coil springs. Install the new Skyjacker rear coil springs using the OEM rubber isolators.



10. Install the new Skyjacker rear sway bar end links using the supplied 1/2" x 3" fine thread bolts, washers, & nuts. (See Photo # 27)

11. Install the new Skyjacker rear shocks using the supplied hardware & OEM hardware.



12. 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 align the vehicle to the OEM specifications.
- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.



TORQUE SPECIFICATIONS

| <u>INCH SYSTEM</u> | | | <u>METRIC SYSTEM</u> | | |
|---------------------------|----------------|----------------|-----------------------------|------------------|-------------------|
| Bolt Size | Grade 5 | Grade 8 | Bolt Size | Class 8.8 | Class 10.9 |
| 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 Forgives,
Rocks Don't

Jesus Christ Died For You.

John 3:16

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

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

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

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

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

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

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

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

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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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