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Jeep Gladiator JT 2.5" Metal Spacer Suspension Lift Installation Instructions

Required Tools List:

- Safety Glasses
- Metric & SAE Sockets / Wrenches
- Pliers
- Metric & SAE Hex Key Sockets / Wrenches
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench



Before beginning the installation, read these instructions & the enclosed driver's WARNING NOTICE thoroughly & completely. Also 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 disassembly of the vehicle. If any parts 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, but 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:

- After installation, the drag link must be adjusted to center the steering wheel before the vehicle is driven. Failure to do so will cause computer errors, odd handling characteristics, & poor performance.
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Jeep 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 #: G25MSFB / G250MSB

| Item # | Description | Qty |
|------------|---------------------------|-----|
| JL25FMS-S | FRONT METAL COIL SPACER | 2 |
| JTG10RMS-S | REAR METAL COIL SPACER | 2 |
| | (Included With G250MSB) | |
| JL25SEF-S | FRONT SHOCK EXTENSION BRK | 2 |

| Item # | Description | Qty |
|------------|----------------------------|-----|
| SBE4028-L | REAR SWAY BAR END LINK | 2 |
| HB-G250MSB | HDWR BAG: G25MS / G250MS | 1 |
| HB-SBENB03 | HDWR BAG: SBE4028 | 1 |
| I-G25MS | INST SHEET: G25MS / G250MS | 1 |

Hardware Bag Breakdown:

Part # HB-G250MSB

| Item # | Description | Qty |
|-----------|------------------------------|-----|
| BSS3020-S | BUMP STOP SPACER | 2 |
| 411481 | CRUSH SLEEVE / 1.62 LONG | 2 |
| 516X1CTB | 5/16 X 1 COARSE THREAD BOLT | 2 |
| 516LW | 5/16 LOCK WASHER | 2 |
| 516CTSN | 5/16 COARSE THREAD STD NUT | 2 |
| 38X1FTB | 3/8 X 1 FINE THREAD BOLT | 2 |
| 38X234BHB | 3/8 X 2 3/4 BUTTON HEAD BOLT | 2 |

| Item # | Description | Qty |
|-----------|------------------------------|-----|
| 38SAEW | 3/8 SAE WASHER | 6 |
| 38CTN | 3/8 COARSE THR N/I LOCK NUT | 2 |
| 38FTN | 3/8 FINE THREAD N/I LOCK NUT | 2 |
| 12X312FTB | 1/2 X 3 1/2 FINE THREAD BOLT | 2 |
| 12SAEW | 1/2 SAE WASHER | 4 |
| 12FTN | 1/2 FINE THREAD N/I LOCK NUT | 2 |

Part # HB-SBENB03

| Item # | Description | Qty |
|----------|--------------------------|-----|
| 141509 | CRUSH SLEEVE / 1.50 LONG | 4 |
| 12X70MMB | 12MM X 70MM METRIC BOLT | 2 |

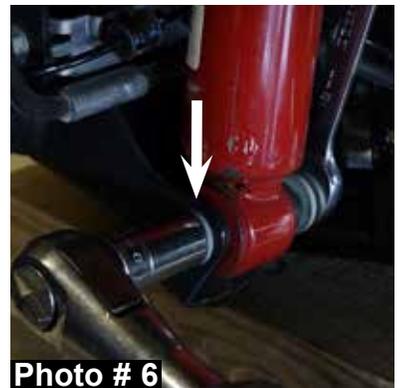
| Item # | Description | Qty |
|---------|--------------------------|-----|
| 716USSW | 7/16 USS FLAT WASHER | 4 |
| 12MMN | 12MM METRIC N/I LOCK NUT | 2 |

Front Installation:

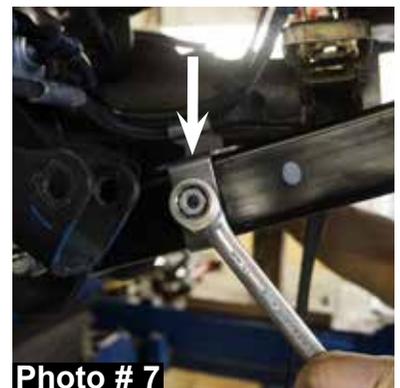
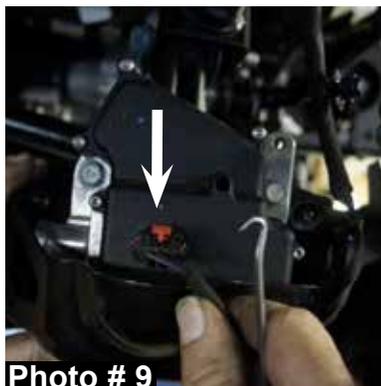
1. With the vehicle on flat level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle, support the frame rails, & front differential using jack stands.
3. Remove the front tires / wheels using a 22mm socket. (See Photo # 1)
4. Remove the OEM front skid plate using a 13mm socket / wrench. (See Photo # 2)
5. Remove the OEM front sway bar end links using a 6mm hex key socket / wrench & 18mm socket / wrench. (See Photo # 3)



6. Disconnect the OEM front track bar from the frame using a 21mm socket / wrench. (See Photo # 4)
7. Disconnect the OEM drag link from the OEM pitman arm using a 21mm socket / wrench. (See Photo # 5)
8. Disconnect the OEM front shocks from the front differential using a 18mm socket / wrench. (See Photo # 6)
9. Disconnect the OEM front brake line brackets from the OEM front lower control arms using a 15mm socket / wrench. (See Photo # 7)
10. Mark the location of the OEM front driveshaft / flange at the front differential & disconnect using a 15mm socket / wrench. (See Photo # 8)
11. Disconnect the wiring harness from the passenger side OEM front upper control arm using pliers.
12. Disconnect the wiring harness from the OEM 4WD actuator. (See Photo # 9)
13. Disconnect the OEM vent hose from the front differential using pliers.
14. While checking for appropriate slack in ABS lines, brake lines, differential vent hose, & etc. Lower the front differential & remove the OEM front coil springs & OEM front coil spring isolators.



15. Install the new Skyjacker front coil spring spacers with the OEM front coil spring isolators under the new front coil spring spacers using the supplied 5/16" x 1" coarse thread bolts, 5/16" lock washers, 5/16" coarse thread nuts, & a 1/2" socket / wrench. (See Photo # 10) **Note:** Be sure when installing the OEM front coil spring isolators that the tab of each OEM front upper coil spring isolator aligns with the hole of each new front coil spring spacer.



16. Install the OEM front coil springs & new Skyjacker front bump stop spacers to the OEM front bump stop pads using the supplied 3/8" x 2 3/4" button head coarse thread bolts, 3/8" SAE washers, 3/8" coarse thread nuts, a 7/32" hex key socket / wrench, & 9/16" socket / wrench. (See Photo # 11)



17. Install the new Skyjacker front lower shock extension brackets to the OEM front lower shock mounts with the upper mounting holes offset towards the front of the vehicle using the supplied 3/8" x 1" fine thread bolts, 3/8" SAE washers, 3/8" fine thread nuts, crush sleeves, 1/2" x 3 1/2" fine thread bolts, 1/2" SAE washers, 1/2" fine thread nuts, a 9/16" socket / wrench, & 3/4" socket / wrench. (See Photo # 12)



18. Raise the front differential in order to load the OEM front coil springs & connect the OEM front shocks to the new Skyjacker front lower shock extension brackets using the OEM hardware & a 18mm socket / wrench. (See Photo # 13)

19. Install the new Skyjacker front sway bar end links using the supplied steel sleeves, 12mm x 70mm bolts, 7/16" USS washers, 12mm nuts, OEM hardware, a 18mm socket / wrench, & 19mm socket / wrench. (See Photo # 14) **Note:** On the driver side of the vehicle, install the OEM lower bolt with the large washer to the bushing side of the new front sway bar end link.



20. Connect the OEM front driveshaft using the OEM hardware & a 15mm socket / wrench. (See Photo # 8)

21. Connect the OEM drag link to the OEM pitman arm using the OEM hardware & a 21mm socket / wrench. (See Photo # 5)

22. Connect the OEM vent hose to the front differential using pliers.

23. Connect the wiring harness to the OEM 4WD actuator. (See Photo # 9)

24. Connect the wiring harness to the passenger side OEM front upper control arm.

25. Connect the OEM front brake line brackets to the OEM front lower control arms using the OEM hardware & a 15mm socket / wrench. (See Photo # 7)



26. Install the OEM front skid plate using the OEM hardware & a 13mm socket / wrench. (See Photo # 2)

27. Install the front tires / wheels using a 22mm socket & lower the front of the vehicle to the ground. (See Photo # 1)

28. Connect the OEM front track bar to the frame using the OEM hardware & a 21mm socket / wrench. (See Photo # 4) **Note:** Slightly turning the steering wheel will help align the OEM front track bar with the frame mount.

Rear Installation: (G250MSB Kit)

1. Block the front tires / wheels, raise the rear of the vehicle, support the frame rails, & rear differential using jack stands.
2. Remove the rear tires / wheels using a 22mm socket. (See Photo # 15)
3. Disconnect the OEM rear sway bar end links from the OEM sway bar using a 6mm hex key socket / wrench & 18mm socket / wrench. (See Photo # 16)
4. Disconnect the OEM rear track bar from the rear differential using a 21mm socket / wrench. (See Photo # 17)
5. Disconnect the OEM rear shocks from the rear differential using a 21mm socket / wrench. (See Photo # 18)
6. While checking for appropriate slack in ABS lines, brake lines, differential vent hose, & etc. Lower the rear differential & remove the OEM rear coil springs & OEM rear coil spring isolators.
7. Install the new Skyjacker rear coil spring spacers to the OEM rear coil spring mounts using the supplied 1/4" x 3/4" bolts & a 7/16" wrench. (See Photo # 19)
8. Install the OEM rear coil spring isolators & OEM rear coil springs. **Note:** Be sure when installing the OEM rear coil spring isolators that the tab of each OEM rear upper coil spring isolator aligns with the hole of each new Skyjacker rear coil spring spacer.
9. Raise the rear differential in order to load the OEM rear coil springs & connect the OEM rear shocks to the rear differential using the OEM hardware & a 21mm socket / wrench. (See Photo # 18)
10. Connect the OEM rear sway bar end links to the OEM sway bar using the OEM hardware & a 6mm hex key socket / wrench & 18mm socket / wrench. (See Photo # 16)



Photo # 15



Photo # 16



Photo # 17



Photo # 18



Photo # 19

11. Install the rear tires / wheels using a 22mm socket & lower the rear of the vehicle to the ground. (See Photo # 15)
12. Connect the OEM rear track bar to the rear differential using the OEM hardware & a 21mm socket / wrench. (See Photo # 17)

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 hardware for the proper torque & periodically thereafter.

| <u>TORQUE SPECIFICATIONS</u> | | | | | |
|-------------------------------------|----------------|----------------|-----------------------------|------------------|-------------------|
| <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.

Optional HD OEM Replacement Steering Stabilizers Available:

7008 HD OEM Replacement Steering Stabilizer - White Steering Damper
8008 HD OEM Replacement Steering Stabilizer - Black Steering Damper
9008 HD OEM Replacement Steering Stabilizer - Silver Steering Damper

Optional Dual Steering Stabilizer Kits Available:

7208 Dual Steering Stabilizer Kit - White Steering Dampers
8208 Dual Steering Stabilizer Kit - Black Steering Dampers
9208 Dual Steering Stabilizer Kit - Silver Steering Dampers

Optional Front / Rear Adjustable Track Bars Available:

JLFTBA18 Front Adjustable Track Bar / 1"- 4.5" Lift
JTGRTBA20 Rear Adjustable Track Bar / 1"- 4.5" Lift

Optional HD Front / Rear Upper & Lower Control Arms Available:

JL24LLF HD Front Lower Control Arms - Set / 1"- 4.5" Lift
GULR24 HD Rear Upper Control Arms - Set / 1"- 4.5" Lift
JLL24F-SX Single Flex Front Lower Control Arms - Pair / 1"- 6" Lift
GLL24R-SX Single Flex Rear Lower Control Arms - Pair / 1"- 6" Lift
JLULF26-SX Single Flex Front Upper Control Arms - Pair / 1"- 6" Lift
GULR24-SX Single Flex Rear Upper Control Arms - Pair / 1"- 6" Lift

Optional Accessories:

JLOSM Front Outboard Shock Mounting Brackets
SBE4238 Front Double Disconnect Sway bar End Links / 2"- 3" Lift
SBE4258 Front Double Disconnect Sway bar End Links / 3.5"- 6" Lift



**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 justificado, pero con la boca se confía 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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