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**REQUIRED TOOL LIST:**

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Adjustable Pliers
- Hammer / Mallet
- Grinder / Reciprocating Saw (Some Models)
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench

**2019 - 2021 Ram 2500  
Diesel 4WD  
4" Suspension Lift  
Installation Instructions**



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 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 lift kit is "**not**" designed to be used on models with gas engine or rear air ride.
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Ram 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 #: R45

Item #	Description	Qty	Item #	Description	Qty
R345S-D	RAM DRV FRONT COIL SPRING	1	WD1	WARNING DECAL	1
R345S-P	RAM PASS FRONT COIL SPRING	1			

### Part #: R1941

Item #	Description	Qty	Item #	Description	Qty
BP60S	FRONT BUMP STOP	2	R19TB4-B	FRONT TRACK BAR BRACKET	1
R14SBB2-L	SWAY BAR LOWER BRKT-LEFT	1	HB-R19RAB	HDWR BAG: RAD ARM BRKTS	1
R14SBB2-R	SWAY BAR LOWER BRKT-RIGHT	1	HB-R19TB	HDWR BAG: FRT TRK BAR BRKT	1
R19RAB46-L	RADIUS ARM BRACKET-LEFT	1	HB-SBL	HDWR BAG: SWAY BAR LOW BK	1
R19RAB46-R	RADIUS ARM BRACKET-RIGHT	1	I-R1945	INST SHEET: R19450 / R19451	1

## Hardware Bag Breakdown:

### Part # HB-R19RAB

Item #	Description	Qty	Item #	Description	Qty
CS3281	CRUSH SLEEVE / 3.281	2	16MMSTVN	16MM STOVER METRIC NUT	2
R14RAB46-FCS	RAD ARM BRKT CRUSH SLEEVE	2	18X130MMB	18MM X 130MM METRIC BOLT	2
16X120MMB	16MM X 120MM METRIC BOLT	2	18MMFW	18MM FLAT WASHER	4
58SAEW	5/8 SAE WASHER	4	18MMN	18MM LOCK NUT	2

### Part # HB-R19TB

Item #	Description	Qty	Item #	Description	Qty
14MMN	14MM METRIC LOCK NUT	2	916SAEW	9/16 SAE WASHER	2

### Part # HB-SBL

Item #	Description	Qty	Item #	Description	Qty
716X112FTB	7/16 X 1 1/2 FINE THREAD BOLT	4	716SAEW	7/16 SAE WASHER	8
716FTN	7/16 FINE THREAD LOCK NUT	4			

### Part #: R1940 (Rear Coil Spring Spacer Kit)

Item #	Description	Qty	Item #	Description	Qty
R1920RMS-S	REAR COIL SPRING SPACER	2	HB-R14-BPS4	HDWR BAG: REAR END LINKS	1
R14RBS2-B	REAR BUMP STOP BRACKET	2	HB-R14-SBL	HDWR BAG: REAR BP STP SPCR	1
SBE506-L	REAR SWAY BAR END LINK	2	HB-R19RMS	HDWR BAG: REAR SWAY BAR LK	1

### Part #: R1945 (Rear Coil Spring Kit)

Item #	Description	Qty	Item #	Description	Qty
R1920RMS-S	REAR COIL SPRING SPACER	2	HB-R14-BPS4	HDWR BAG: REAR END LINKS	1
R14RBS2-B	REAR BUMP STOP BRACKET	2	HB-R14-SBL	HDWR BAG: REAR BP STP SPCR	1
SBE506-L	REAR SWAY BAR END LINK	2	HB-R19RMS	HDWR BAG: REAR SWAY BAR LK	1

## Hardware Bag Breakdown:

### Part # HB-R14-BPS4

Item #	Description	Qty
10MMX80MMB	10MM X 80MM METRIC BOLT	4

Item #	Description	Qty
716SAEW	7/16 SAE WASHER	4

### Part # HB-R14-SBL

Item #	Description	Qty
HOURGLASS 5/8	HOURGLASS 5/8 BUSHING	4
141509	ES25 SLEEVE / 1.50	4
12X65MMB	12MM X 65MM METRIC BOLT	4

Item #	Description	Qty
12MMN	12MM LOCK NUT	4
12USSW	1/2 USS WASHER	8

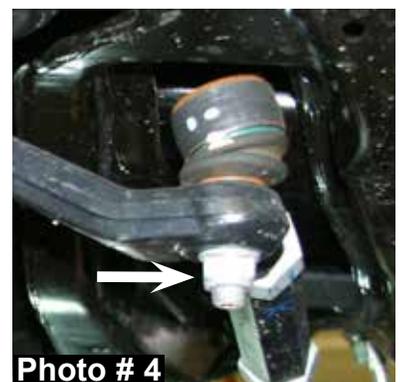
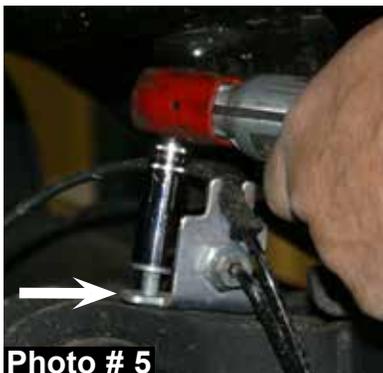
### Part # HB-R19RMS (Rear Coil Spring Spacer Kit)

Item #	Description	Qty
516X1FTB	5/16 X 1 FINE THREAD BOLT	4
516FTN	5/16 FINE THREAD LOCK NUT	4

Item #	Description	Qty
516SAEW	5/16 SAE WASHER	8

## Front Installation:

1. With the vehicle on a level concrete or asphalt surface, set the emergency brake & block the rear tires / wheels.
2. Lift the front of the vehicle & support the vehicle using jack stands.
3. Remove the front tires / wheels. (See Photo # 1)
4. Remove the OEM front shocks. (See Photo # 2)
5. Disconnect the OEM front sway bar end links from the OEM front sway bar. (See Photo # 3)
6. Disconnect the OEM drag link from the OEM pitman arm. (See Photo # 4)
7. Disconnect the OEM front ABS / brake line brackets from the front axle. (See Photo # 5)
8. Disconnect the OEM front track bar from the upper frame mount. (See Photo # 6)
9. While checking for appropriate slack in ABS lines, brake lines, differential breather hose, & etc. Lower the front axle & remove the OEM front coil springs & rubber isolators.



10. Remove the OEM front bump stops by working back & forth using adjustable pliers. (See Photo # 7)

11. Support the front axle securely & disconnect the rear of the OEM radius arms from the frame rails. (See Photo # 8)

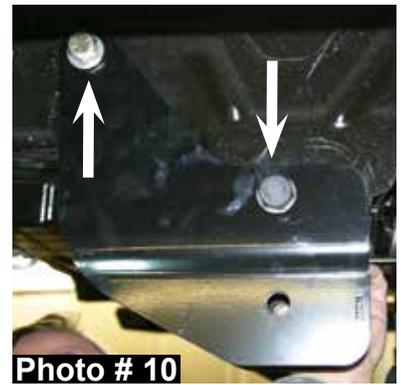
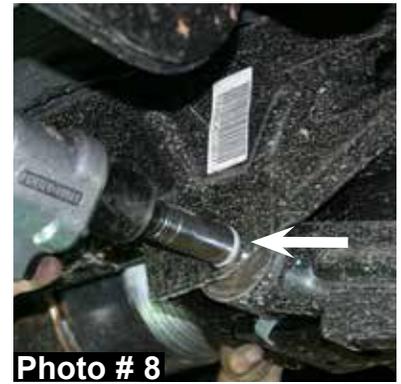
12. Install the new Skyjacker upper radius arm bracket sleeves (2.938" Long) in the OEM hole of each frame rail. (See Photo # 9)

13. Install the new Skyjacker radius arm brackets to the frame rails using the supplied 16mm x 120mm bolts, washers, & nuts for the upper mount & the supplied crush sleeves (3.281" Long), 18mm x 130mm bolts, washers, & nuts for the lower mount. (See Photo # 10) **Note:** Some models may require the OEM cross member on the driver side to be slightly ground / trimmed for proper fitment of the new Skyjacker radius arm bracket. (See Arrow in Photo # 11)

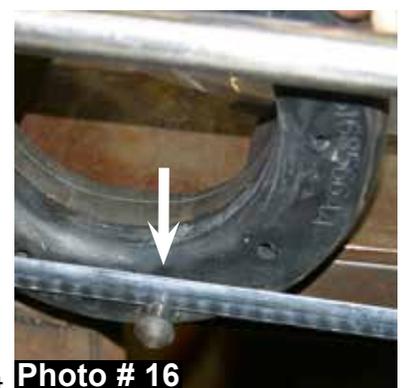
14. Attach the rear of the OEM radius arms to the new Skyjacker radius arm brackets using the OEM hardware. (See Photo # 12)

15. Remove the OEM front track bar bracket from the frame. (See Photo # 13)

16. Install the new Skyjacker front track bar bracket to the frame using the supplied 14mm nuts, 9/16" washers, & OEM hardware. (See Photo # 14)



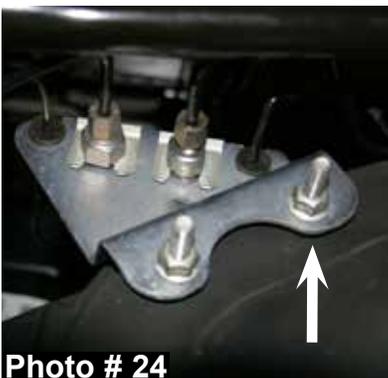
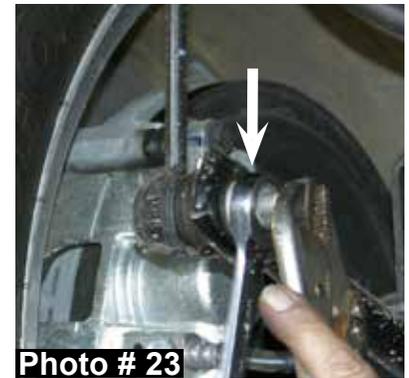
17. Place the new Skyjacker front bump stops in the OEM bump stop cups. Using leverage against the bottom of the new front bump stops, force the new front bump stops into place. (See Photo # 15)
18. Remove the alignment pin from the driver side OEM front upper coil spring isolator using a hacksaw. (See Photo # 16) Rotate & install the new Skyjacker driver side front coil spring with the Driver / Skyjacker logo facing outward towards the driver side front tire / wheel. (See Photo # 17)
19. Install the passenger side OEM front coil spring isolator in the OEM position & install the new Skyjacker passenger side front coil spring with the Pass / Skyjacker logo facing outward towards the passenger side front tire / wheel. (See Photo # 17)
20. Raise the front axle in order to load the new Skyjacker front coil springs & connect the OEM front track bar to the new Skyjacker front track bar bracket using the OEM hardware. (See Photo # 18)
21. Disconnect the OEM front sway bar from the frame & install the new Skyjacker front sway bar brackets between the frame & the OEM front sway bar mounts with the flat side of the new brackets facing towards the outside of the vehicle using the supplied 7/16" x 1 1/2" bolts, washers, & nuts. (See Photo # 19) **Note:** Driver Side / Part # R14SBB2-L & Passenger Side / Part # R14SBB2-R
22. Connect the OEM front sway bar end links to the OEM front sway bar using the OEM hardware. (See Photo # 3)
23. Connect the OEM drag link to the OEM pitman arm using the OEM hardware. (See Photo # 4)
24. Connect the OEM front ABS / brake line brackets to the front axle using the OEM hardware. (See Photo # 5)
25. Install the new Skyjacker front shocks using the supplied shock hardware & OEM hardware. (See Photo # 20)



26. Install the front tires / wheels & lower the front of the vehicle to the ground.

## **Rear Installation:**

1. Block the front tires / wheels, lift the rear of the vehicle, & support the vehicle using jack stands.
2. Remove the rear tires / wheels.
3. Disconnect the OEM rear E-brake cable bracket from the driver side frame. (See Photo # 21)
4. Remove the OEM rear shocks. (See Photo # 22)
5. Remove the OEM rear sway bar end links. (See Photo # 23)
6. Disconnect the OEM rear brake line bracket from the rear axle. (See Photo # 24)
7. Remove the OEM rear bump stops. (See Photo # 25)
8. Disconnect the OEM rear track bar from the upper mount. (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 & rubber isolators.



10. Remove the OEM rear bump stops & install the new Skyjacker rear bump stop spacers between the frame & the OEM rear bump stops using the supplied 10mm x 80mm bolts & washers. (See Photo # 27)
11. **Rear Coil Spring Spacer Kit:** Install the new Skyjacker rear coil springs spacers to the rear coil spring pads using the supplied 5/16" x 1" bolts, washers, & nuts. (See Photo # 28)
12. Tap the OEM rear lower coil spring isolators onto the new Skyjacker rear coil spring spacers using a hammer / mallet. (See Photo # 29)
13. Place the OEM rear coil spring isolators on top of the OEM rear coil springs & install the OEM rear coil springs. (Proceed to Step # 15)
14. **Rear Coil Spring Kit:** Place the OEM coil spring isolators on top of the new Skyjacker rear coil springs & install the new rear coil springs.
15. Raise the rear axle in order to load the OEM / Skyjacker rear coil springs & connect the OEM rear track bar to the OEM rear track bar bracket using the OEM hardware. (See Photo # 26)
16. Assemble the new Skyjacker rear sway bar end links using the supplied bushings & steel sleeves. Install the new rear sway bar end links using the supplied 12mm x 65mm bolts, washers, & nuts. (See Photo # 30)
17. Connect the OEM rear brake line bracket to the rear axle using the OEM hardware. (See Photo # 24)
18. Connect the OEM rear E-brake cable bracket to the driver side frame using the OEM hardware. (See Photo # 21)
19. Install the new Skyjacker rear shocks using the supplied shock hardware & OEM hardware.
20. Install the rear tires / wheels & lower the rear of the vehicle to the ground.



Photo # 27



Photo # 28



Photo # 29



Photo # 30

## **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.

<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 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 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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