

SKYJACKER

SUSPENSIONS

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2003-2020 Toyota 4Runner 4WD
 2005-2020 Toyota Tacoma 4WD
 2007-2014 Toyota FJ Cruiser 4WD
 2005-2019 Toyota Hilux 4WD
 2005-2019 Toyota Hilux Tiger & Vigo 4WD

Required Tools List:

- SAE Sockets \ Wrenches (3/4")
- Metric Hex Key & Sockets \ Wrenches (5mm Hex Key, 12mm, 13mm, 19mm, & 22mm)
- Socket Extension for OEM Skid Plate Removal
- Power Cutting Tool
- Paint Marker
- Safety Glasses
- Jack Stands
- Wheel Chock
- Floor Jack
- Measuring Tape
- Torque Wrench

Front Differential Drop Kit Installation Instructions



Before beginning the installation, read these instructions thoroughly & completely. 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.

Hardware Bag Breakdown:

Part # TFDD2

Item #	Description	Qty
TCLS10-B	T-CASE LOWERING SPACER, 1	2
CS0750	CRUSH SLEEVE / .750	4
8X40MMB	8MM X 40MM METRIC BOLT	4
516USSW	5/16 USS WASHER	4
12X612CTBG5	1/2 X 6-1/2 COURSE THRD BOLT	2
12SAEW	1/2 SAE WASHER	4
12CTN	1/2 COARSE THRD N/I LOCK NUT	2

Hardware Bag Breakdown:

Part # THFDD3

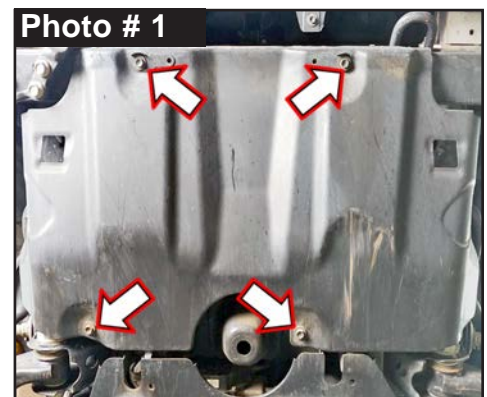
Item #	Description	Qty
TCLS10-B	T-CASE LOWERING SPACER, 1	2
CS0750	CRUSH SLEEVE / .750	4
8X40MMB	8MM X 40MM METRIC BOLT	4
516USSW	5/16 USS WASHER	4
14X150MMBG5	14MM X 150MM BOLT, 8.8	2
916SAEW	9/16 SAE WASHER	4
14MMN	14MM NYLON INSERT LOCK NUT	2

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

1. Chock rear tires \ wheels. Ensure that vehicle transmission is in PARK & engage emergency brake. **Note:** Be sure steering wheel \ wheels are pointing straight forward.
2. Raise front of vehicle, support frame rails using jack stands at indicated lift points in OEM service manual.

Note: Toyota year make & models have various skid plates \ braces designs. This removal is an example. It can vary, but removal process is similar.

3. If equipped with OEM front skid plate, remove four (4) bolts using a 5mm hex key & 12mm socket \ wrench. (Photo # 27)
Tech Note: Hold skid plate when removing fasteners, so it does not fall.

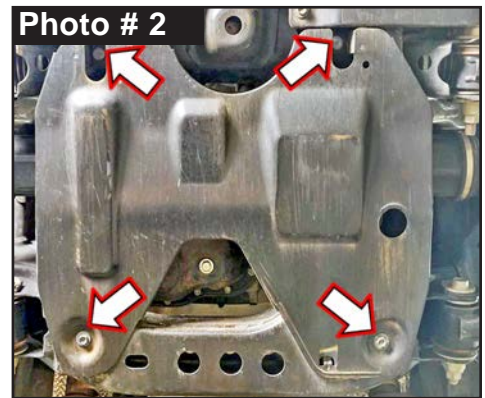


- If equipped OEM rear diff skid plate, remove four (4) bolts using a 12mm socket \wrench. (Photo # 2)

Tech Note: A socket extension is needed for two (2) forward bolts.

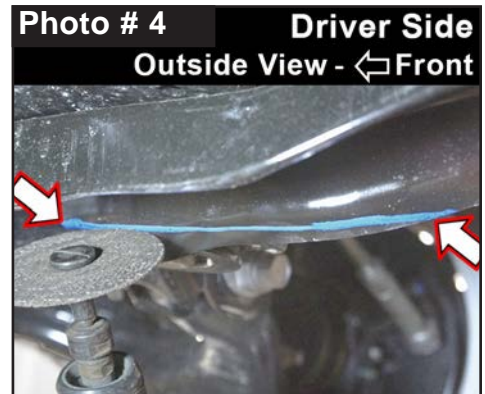
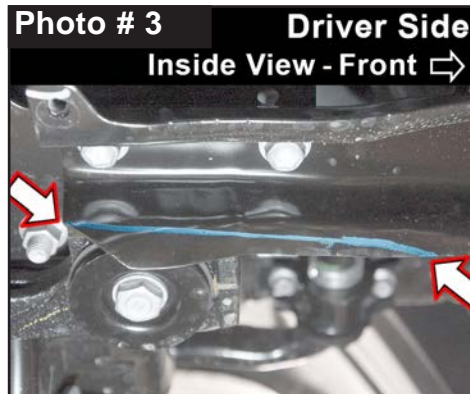
Note: Both factory front & rear skid plates & all hardware will be retained.

- Support front differential using a floor jack.
- On some models, it will now be necessary to cut Driver Side OEM crossmember \radiator support brace for front differential mount clearance when lift is installed.



On driver side OEM crossmember \radiator support brace next to differential mount, you will be trimming lower bend or lip of brace. (Photo # 3 & # 4)

Starting at rear corner bend of lip, mark a diagonal cut line to Outside Edge of Lip (approximately eight (8) inches long), then Across Bottom Edge. (Photo # 3 & # 4)



- Use a cut-off tool or similar tool to cut along marked edges of driver side OEM crossmember \radiator support brace.

CAUTION: When using a cutting tool, beware of sparks & undercoating. Take precautions to cover yourself, vehicle & floor from this hot material.

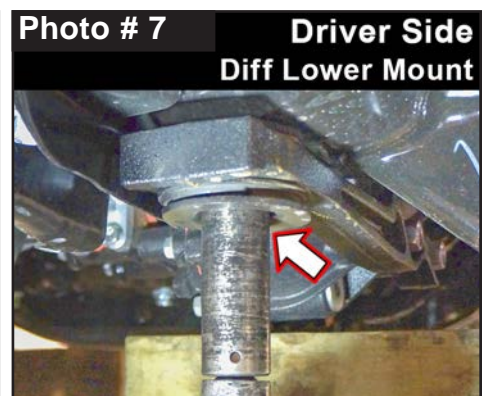
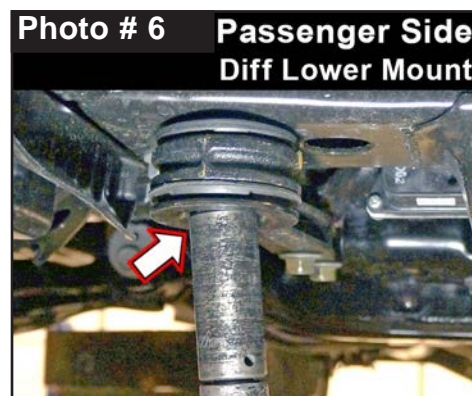
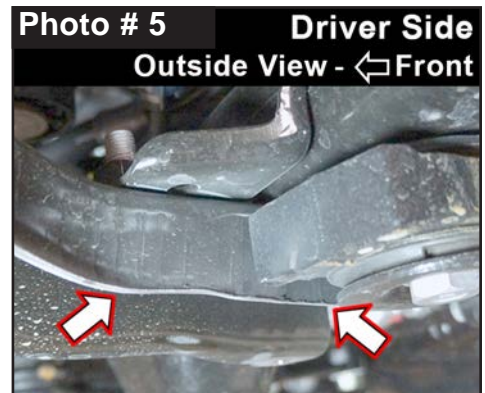
Note: File smooth any burrs or sharp edges on OEM bracket, then paint or undercoat all exposed metal. (Photo # 5)

- Locate two (2) front OEM differential-to-crossmember mounts. Remove two (2) OEM mount bolts from crossmember using a 19mm & 22mm socket \wrench. (Photos # 6 & # 7)

Note: OEM differential mounting brackets will remain attached to differential.

Retain large OEM concave washers.

Leave differential factory rubber isolators in place.



9. Lower front differential. Install Skyjacker # TCLS10-B Differential Lowering Spacers between OEM crossmember & front differential mounts.

Install with OEM concave washers, supplied 1/2" x 6-1/2" Coarse Thread Bolt with 1/2" SAE Washer bottom & 1/2" SAE Washer with 1/2" Nylon Insert Lock Nut top. Tighten using 3/4" socket \ wrench. (Photos # 8 & # 9)

Remove floor jack from under front differential.

Photo # 8 Passenger Side Diff Lowering Spacer

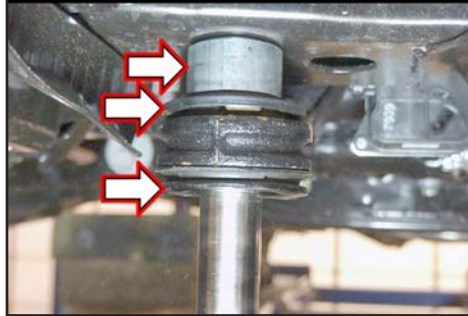


Photo # 9 Driver Side Diff Lowering Spacer



10. If equipped, install OEM rear skid plate. **Note:** Steel crush sleeves will be placed at front mount of rear OEM skid plate and at rear mount of front OEM skid plate between OEM crossmember \ radiator support brace.

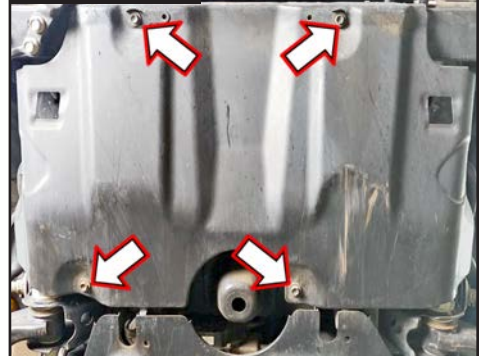
Install front of rear OEM skid plate mounting locations with supplied 8mm x 40mm Metric Bolt with 5/16" USS Washer below with crush sleeve above skid plate using a 13mm socket \ wrench. (Photos # 10 & # 11) Secure, but **Do Not Completely Tighten** at this time.

Attach rear mounting locations of skid plate with OEM hardware using a 13mm socket \ wrench. Torque all four (4) skid plate bolts to 216 in-lbs.

Photo # 10



Photo # 11



11. Install front of OEM front skid plate using OEM hardware. Secure, but **Do Not Completely Tighten** at this time. Let skid plate hang down with room to install rear mount spacers.

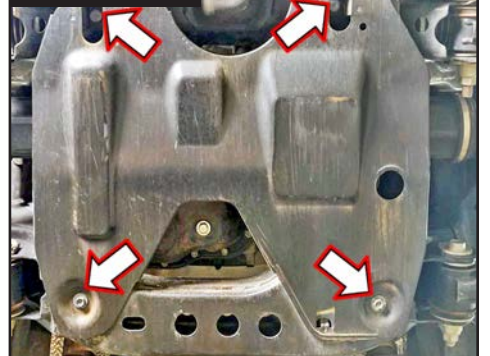
Install rear of OEM front skid plate mounting locations with supplied 8mm x 40mm Metric Bolt with 5/16" USS Washer below with Crush Sleeve above skid plate using a 13mm socket \ wrench. (Photos # 12 & # 13)

Torque all four (4) skid plate bolts to 216 in-lbs.

Photo # 12



Photo # 13



12. Lower vehicle to ground.

Final Notes:

- After installation is complete, double check that all nuts & bolts are tight.
- With vehicle placed on ground, cycle steering lock to lock & inspect steering for proper operation, tightness & adequate clearance.
- After first 100 miles, check all hardware for proper torque & periodically thereafter.

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- 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, beginto 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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**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 confieras 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

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