

# TCL25 • TCL101 • TCL103 TCL151 • TCL153 **Installation Instructions**

### **Required Tools List:**

- SAE Hex Key & SAE Sockets\Wrenches (5/16" Hex Key Socket & 7/16" & 3/4")
- Metric Hex Key & Metric Sockets \ Wrenches (10mm & 18mm)
- Safety GlassesWheel Chock
- Floor Jack
- Jack Stands
- Paint Marker
- Measuring Tape
- Torque Wrench



# **Component Breakdown:**

## Part # TCL25

Item #	Description	Qty
TCL10SX2014-1	T-CASE LWR KIT 1X1.5X20.25	2
12X212FSB	1/2 X 2-1/2 FLAT SOCKET BOLT	6
LT100	THREAD LOCK COMPOUND, 1ML	1

#### Part # TCL101

Item #	Description	Qty
TCL10SX2012-R	TRANSFER CASE LWR 1X1.5X20	1
TCL10SX2358-L	TRANSFER CASE LWR 1X1.5X23	1
TCLTJ25	HDWR BAG: TCL101 1997-2002 TJ	1

#### Part # TCL103

Item #	Description	Qty
TCL10SX2234-1	TRANSFER CASE LWR 1X1.5X2SQ	2
TCL10SX2-1	TRANSMISSION LWR 1X1.5X2	2
TCLTJ253	HDWR BAG: TCL103 2003-2006 TJ	1

#### Part # TCL151

Item #	Description	Qty
TCL15SX2012-R	TRANSFER CASE LWR 1.5SQX20	1
TCL15SX2358-L	TRANSFER CASE LWR 1.5SQX23	1
TCLTJ40	HDWR BAG: TCL151 1997-2002 TJ	1

#### Part # TCL153

Item #	Description	Qty
TCL15SX2234-1	TRANSFER CASE LWR 1.5SQX22	2
TCL15SX2-1	TRANSFER CASE LWR 1.5SQX2	2
TCLTJ43	HDWR BAG: TCL153 2003-2006 TJ	1

# Hardware Bag Breakdown:

#### Part # TCLTJ25

	Item #	Description	Qty
]	12X212FSB	1/2 X 2-1/2 FLAT SOCKET BOLT	6
	TCL24-B	T-CASE LINKAGE RELOC BRKT.	1
]	14X1FTB	1/4 X 1 FINE THREAD BOLT	2
	14FTN	1/4 FINE THREAD N/I LOCK NUT	2
1	14SAEW	1/4 SAE WASHER	2
	LT100	THREAD LOCK COMPOUND, 1ML	1

#### Part # TCLTJ253

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Item #	Description	Qty
12X65MM	12MM X 65MM METRIC BOLT	1
12SAEW	1/2 SAE WASHER	1
TCL24-B	T-CASE LINKAGE RELOC BRKT.	1
14X1FTB	1/4 X 1 FINE THREAD BOLT	2
14FTN	1/4 FINE THREAD N/I LOCK NUT	2
14SAEW	1/4 SAE WASHER	2
LT100	THREAD LOCK COMPOUND, 1ML	1

### Part # TCLTJ40

Item #	Description	Qty
12X3FSB	1/2 X 3 FLAT SOCKET BOLT	6
TCL24-B	T-CASE LINKAGE RELOC BRKT.	1
14X1FTB	1/4 X 1 FINE THREAD BOLT	2
14FTN	1/4 FINE THREAD N/I LOCK NUT	2
14SAEW	1/4 SAE WASHER	2
LT100	THREAD LOCK COMPOUND, 1ML	1

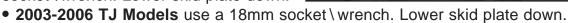
#### Part # TCLTJ43

Item #	Description	Qty
12MMX80B	12MM X 80MM METRIC BOLT	8
12SAEW	1/2 SAE WASHER	8
TCL24-B	T-CASE LINKAGE RELOC BRKT.	1
14X1FTB	1/4 X 1 FINE THREAD BOLT	2
14FTN	1/4 FINE THREAD N/I LOCK NUT	2
14SAEW	1/4 SAE WASHER	2
LT100	THREAD LOCK COMPOUND, 1ML	1

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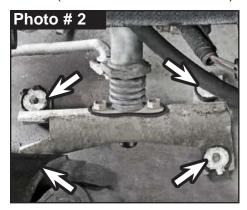
### Installation: Note: Save all factory components & hardware for reuse, unless noted.

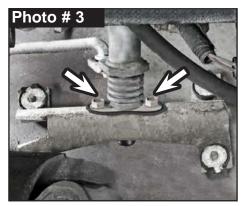
- 1. With vehicle on flat level ground, set emergency brake & chock rear tires \ wheels.
- Place a jack under OEM transfer case crossmember\skid plate.
   Remove six (6) OEM bolts of the transfer case crossmember\skid plate: three (3) on each frame rail.
   (See Photo # 1)
  - 1987-1995 YJ Models Proceed to Step 7.
  - 1997-2002 TJ Models use 3/4" socket\wrench. Lower skid plate down.

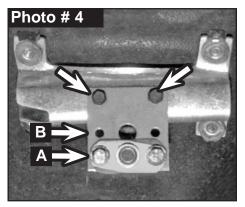




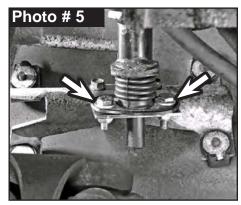
- 3. From underneath the vehicle, locate the transfer case torque shaft bracket. It is attached to the inside of the transmission tunnel on the driver side & acts as a pivot for the transfer case shift lever. (See Photo # 2) **Note:** From the inside of the vehicle, roll back the floor mat back to gain access to the OEM bolts. Remove the four (4) OEM bolts that mount the transfer case torque shaft bracket to the body of the vehicle.
- 4. Remove OEM shifter linkage from transfer case torque shaft bracket using a 10mm socket\ wrench. (See Photo # 3) Connect Skyjacker # TCL24-B Transfer Case Relocation Bracket to OEM transfer case torque shaft bracket with OEM hardware using a 10mm socket\wrench. Note: Skyjacker bracket has two (2) sets of mounting holes. Lower mounting holes are for a 4" lift (See Photo # 4 A-Arrow). The upper holes are for 2-1/2" lift. (See Photo # 4 B-Arrow)







5. Connect OEM shifter linkage ball swivel bracket to Skyjacker bracket in lower mounting holes. Connect with supplied 1/4" x 1" Bolts with 1/4" SAE Washers & attach with 1/4" Nylon Insert Lock Nut using a 7/16" socket\wrench. (See Photo # 5) Bolt OEM transfer case torque shaft bracket into OEM location with OEM hardware.

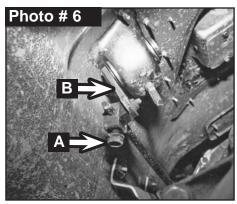


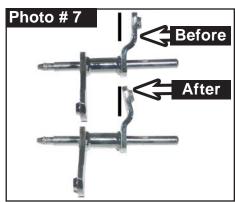
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6.Check to make sure that the transfer case will fully engage at each end of the shifter travel. If linkage adjustment is required, See Note Below.

**Note:** Check the transfer case shifter to see if it will move to 4L. If not, the linkage will need adjusting as follows. Place the shifter in 4L. Loosen the adjustment bolt. (Photo # 6 A-Arrow) Push the linkage forward until it stops. (Photo # 6 B-Arrow) Re-tighten adjustment bolt. Check to be sure the 4WD works properly.

Tech Note: Due to OEM shifter rod bracket variations, it may be necessary to modify the OEM shifter bracket by slightly bending the mount on the rod to clear the shifter bracket and \or shifter bracket bolts. Note how much to bend the bracket to clear. Remove the shifter assembly & bend the





bracket as shown to slightly clear the bracket \ bolts. (See Photo 7)

**Take Caution to Not Over Bend!** 

- 7. Install Skyjacker Transfer Case Crossmember \ Skid Plate Lowering Brackets.
- 1987-1995 YJ Models Note: Lowering Brackets Are Not Side Specific.

Apply a few drops of supplied # LT100 Thread Lock Compound onto supplied 1/2" x 2-1/2" Flat Socket Tapered Head Bolts. Tighten using a 5/16" hex head socket. (See Photo # 8) Secure, but **Do Not Completely Tighten** until all six (6) are installed. Torque 90 ft-lbs.

**1997-2002 TJ Models Note:** Lowering Brackets Are Side Specific: Driver Side (Shorter Length) & Passenger Side (Longer Length).

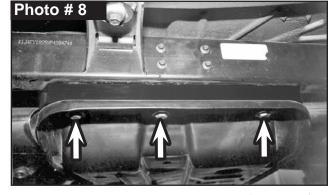
Apply a few drops of supplied # LT100 Thread Lock Compound onto supplied 1/2" x 3" Flat Socket Tapered Head Bolts. Tighten using a 5/16" hex head socket. (See Photo # 8) Secure, but **Do Not Completely Tighten** until all six (6) are installed. Torque 90 ft-lbs.

2003-2006 TJ Models Note: Lowering Brackets Are Not Side Specific.

If equipped with 4-speed automatic transmission & with additional engine skid plate, use the two (2) supplied Lowering Brackets & hardware listed below.

Apply a few drops of supplied # LT100 Thread Lock Compound onto supplied 12mm x 80mm Metric Bolts. Install with 1/2 SAE Washer on bolt & tighten using a 18mm socket\wrench. (See Photo # 8) Secure, but **Do Not Completely Tighten** until all six (6) are installed.

Torque 75 ft-lbs.



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#### 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.

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.

To listen to commercial free Christian radio on the web, go to www.887fm.org

## 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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