



EZ - Ride Suspension

PART NUMBER : 53700
1979 — 1985 TOYOTA PICK UP
3.5" SUSPENSION SYSTEM

PARTS LIST:

Part #	Description	Qty.
TCI-R37	Rear Add-A-Leafs	2
CB38	3/8" Centering Bolts and Nuts	1
T3SL	Front Sway Bar End Links	2
3810B	Front Sway Bar End Link Hardware	2
STM-01	Front Sway Bar End Link	
	Bushings and Sleeves	4
5U-232S	9/16" x 2 9/16" x 7 5/8" Square U-bolts	6
5U-242S	9/16" x 2 9/16" x 8 5/8" Square U-bolts	2
916NW	9/16" U-bolt High Nuts and Washers	2
53700INST	Instruction Sheet	1

Special Note: This box kit includes the front and rear U-bolts, the rear add-a-leafs, the front sway bar end links and all necessary hardware. The front springs are sold as a separate part number. If you have not already ordered your front spring, please contact Tuff Country or your local Tuff Country dealer and order (1) 58301 (Driver Side Spring) & (1) 58302 (Passenger Side Spring). Longer front and rear shocks will be needed once the suspension system has been installed.

Congratulations on your selection to purchase a Tuff Country EZ-Ride Suspension System. We at Tuff Country are proud to offer a high quality product at the industries most competitive pricing. Thank you for your confidence in us, and our product.

Before installation begins, it is the customers/installers responsibility to make sure that all parts are on hand. If any parts are missing, please feel free to call one of our customer service representative @ (800) 288-2190.

Make sure to use thread locker or locktite on all new and stock hardware associated with this installation.

Torque Settings

5/16"	15—18 ft lbs.
3/8"	28—32 ft lbs.
7/16"	30—35 ft lbs.
1/2"	65—85 ft lbs.
9/16"	85—120 ft lbs.
5/8"	95—130 ft lbs.
3/4"	100—140 ft lbs.

INSTALLATION MANUAL

3.5" SUSPENSION SYSTEM

TOYOTA PICK UP

1979 - 1985
PART # 53700

SJ101402

IMPORTANT CUSTOMER INFORMATION

Tuff Country EZ-Ride Suspension highly recommends that a qualified and or certified mechanic performs this installation.

If you desire to return your vehicle to stock, it is the customers responsibility to save all stock hardware.

This vehicles reaction and handling characteristics may differ from standard cars and/or trucks. Modifications to improve and/or enhance off road performance may raise the intended center of gravity. Extreme caution must be utilized when encountering driving conditions which may cause vehicle imbalance or loss of control. **DRIVE SAFELY!** Avoid abrupt maneuvers, such as sudden sharp turns which could cause a roll over, resulting in serious injury or death.

It is the customers responsibility to make sure that a re-torque is performed on all hardware associated with this suspension system after the first 500 miles of installation. It is also the customers responsibility to do a complete re-torque after every 3000 miles or after every off road use.

After the original installation, Tuff Country EZ-Ride Suspension also recommends having the alignment check every 6 months to ensure proper tracking, proper wear on tires and front end components. Tuff Country EZ-Ride Suspension take no responsibility for abuse, improper installation or improper suspension maintenance.

It is the responsibility of the customer or the mechanic to wear safety glasses at all times when performing this installation.

It is the customers/installers responsibility to read and understand all steps before installation begins. OEM manual should be used as a reference guide.

The Tuff Country EZ-Ride Suspension product safety label that is included in your kit box must be installed inside the cab in plain view of all occupants.

It is the responsibility of the installers to make sure that the rear view mirror hanger is hung from the rear view mirror. The rear view mirror hanger has instructions on proper post installation procedure.

LIMITED LIFETIME WARRANTY

Notice to all Tuff Country EZ-Ride Suspension customers: It is your responsibility to keep your original sales receipt! If failure should occur on any Tuff Country EZ-Ride Suspension component, your original sales receipt must accompany the warranted unit to receive warranty. Warranty will be void if the customer can not provide the original sales receipt. Do not install a body lift in conjunction with a suspension system. If a body lift is used in conjunction with any Tuff Country EZ-Ride Suspension product, your Tuff Country EZ-Ride Suspension **WARRANTY WILL BE VOID.** Tuff Country Inc. ("Tuff Country") suspension products are warranted to be free from defects in material and workmanship for life if purchased, installed and maintained on a non-commercial vehicle; otherwise, for a period of twelve (12) months, from the date of purchase and installation on a commercial vehicle, or twelve thousand (12,000) miles (which ever occurs first). Tuff Country does not warrant or make any representations concerning Tuff Country Products when not installed and used strictly in accordance with the manufacturer's instructions for such installation and operation and accordance with good installation and maintenance practices of the automotive industry. This warranty does not apply to the cosmetic finish of Tuff Country products nor to Tuff Country products which have been altered, improperly installed, maintained, used or repaired, or damaged by accident, negligence, misuse or racing. ("Racing is used in its broadest sense, and, for example, without regards to formalities in relation to prizes, competition, etc.) This warranty is void if the product is removed from the original vehicle and re-installed on that or any other vehicle. This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title. All implied warranties are limited to the duration of this warranty. The remedies set forth in this warranty are exclusive. This warranty excludes all labor charges or other incidental or consequential damages. Any part or product returned for warranty claim must be returned through the dealer of the distributor from whom it was purchased. Tuff Country reserves the right to examine all parts returned to it for warranty claim to determine whether or not any such part has failed because of defect in material or workmanship. The obligation of Tuff Country under this warranty shall be limited to repairing, replacing or crediting, at its option, any part or product found to be so defective. Regardless of whether any part is repaired, replaced or credited under this warranty, shipping and/or transportation charges on the return of such product must be prepaid by the customer under this warranty.

Special Note: Tuff Country EZ-Ride Suspension recommends running a 33" x 12.50" tire for maximum tire clearance. Note: This tire size is not 100% accurate due to variations in wheel width, wheel off set, tire diameters and driving habits.

Please Follow Instruction Carefully

Before installation begins, drive and check to make sure there are no uncommon sounds and or frame damage. Also at this time measure from the center of the hub to the bottom of the fender well and record measurements below.

Pre Installation Measurements:

Driver Side Front: _____
Passenger Side Front: _____
Driver Side Rear: _____
Passenger Side Rear: _____

At the end of the installation take the same measurements and compare to the pre-installation measurements.

Post Installation Measurements:

Driver Side Front: _____
Passenger Side Front: _____
Driver Side Rear: _____
Passenger Side Rear: _____

Front End Installation:

1. To begin installation, block the rear tires of the vehicle so that the vehicle is stable and can't roll backwards. Safely lift the front of the vehicle and support the frame with jack stands. Place a jack stand on both the driver and passenger side. Next, remove the tires and wheels from both sides.
2. Position a pair of hydraulic floor jacks under the front axle. Place one jack stand on the driver side and one on the passenger side. Raise up on both hydraulic floor jacks at the same time until they make contact with the front axle.
3. Working on the driver side, remove the stock upper and lower shock hardware from the stock location and save the stock hardware for later re-installation. The stock shock may be discarded. **Special Note: New longer front shocks are needed, if you have not already ordered shocks, please contact Tuff Country or your local Tuff Country dealer and order the proper shocks. Tuff Country recommends using a 23" fully extended nitrogen gas shock.** Repeat procedure on the passenger side.
4. Working on the driver side, remove the stock sway bar end link from the stock location. The stock sway bar end

link and hardware may be discarded. Repeat procedure on the passenger side. Let the stock sway bar hang.

5. Working on the driver side, remove the stock U-bolts from the stock location and discard the stock U-bolts and hardware. Place the upper and lower U-bolt plates a side for later re-installation. Repeat procedure on the passenger side.

6. Carefully lower down on both hydraulic floor jacks at the same time allow enough room for the new front springs to be installed into the stock location. **Special Note: Make sure not to kink or over extend any brake lines.**

7. Working on the driver side, move the stock spring from the stock location and discard the stock spring. Save the stock spring eye hardware for later re-installation. Repeat procedure on the passenger side.

8. Locate the new driver side front leaf spring. **Special Note: The new driver side front leaf spring is taller than the new passenger side front leaf spring. The new driver side front leaf spring will be labeled TCIT3LM or 58301.** Working on the front and rear eyelet's of the front springs, remove the new polyurethane bushings from each end and set a side for later re-installation.

9. Locate the new polyurethane lube packs. Spread the new polyurethane over the new bushings that were removed from step # 8 and re-install them back into the new front spring assembly. **Special Note: Make sure to use the new polyurethane lube packs prior to inserting the new bushings back into the new front springs. This will increase the life of the bushing, prevent squeaking and help with ride quality.**

10. Working on the driver side, install the new driver side front leaf spring into the stock location and secure using the stock hardware that was removed from step # 7. **Make sure to use thread locker or lock tite. Special Note: Torque the stock front spring eye hanger hardware to 125 ft lbs. Do not torque the spring eye shackle hardware until the weight of the vehicle is on the ground. Once the weight of the vehicle is on the ground, torque the spring eye shackle hardware to 35 ft lbs.**

11. Locate the new passenger side front leaf spring. **Special Note: The new passenger side front leaf spring is not as tall as the new driver side front leaf spring. The new passenger side front leaf spring will be labeled TCIT3RM or 58302.** Working on the front and rear eyelet's of the front springs, remove the new polyurethane bushings from each end and set a side for later re-installation.

12. Locate the new polyurethane lube packs. Spread the new polyurethane over the new bushings that were

removed from step # 11 and re-install them back into the new front spring assembly. **Special Note: Make sure to use the new polyurethane lube packs prior to inserting the new bushings back into the new front springs. This will increase the life of the bushing, prevent squeaking and help with ride quality.**

13. Working on the passenger side, install the new passenger side front leaf spring into the stock location and secure using the stock hardware that was removed from step # 7. **Make sure to use thread locker or lock tite. Special Note: Torque the stock front spring eye hanger hardware to 125 ft lbs. Do not torque the spring eye shackle hardware until the weight of the vehicle is on the ground. Once the weight of the vehicle is on the ground, torque the spring eye shackle hardware to 35 ft lbs.**

14. Carefully raise up on both hydraulic floor jacks at the same time until the newly installed front springs seat properly to the stock front spring perches.

15. Locate (2) new 9/16" x 2 9/16" x 7 5/8" square U-bolts, (4) new 9/16" U-bolt high nuts, (4) new 9/16" U-bolt flat washers, the stock upper U-bolt plate and the lower U-bolt plate that was removed from step # 5. Working on the driver side, install the stock upper and lower U-bolt plates into the stock location and secure using the new 9/16" x 2 9/16" x 7 5/8" square U-bolts and hardware. Torque to **120 ft lbs.**

16. Locate (2) new 9/16" x 2 9/16" x 8 5/8" square U-bolts, (4) new 9/16" U-bolt high nuts, (4) new 9/16" U-bolt flat washers, the stock upper U-bolt plate and the lower U-bolt plate that was removed from step # 5. Working on the passenger side, install the stock upper and lower U-bolt plates into the stock location and secure using the new 9/16" x 2 9/16" x 8 5/8" square U-bolts and hardware. Torque to **120 ft lbs.**

17. Carefully remove both hydraulic floor jacks from under the front differential.

18. Locate (2) new 3/8" x 10" bolts, (2) new 3/8" unitorque nuts, (2) new sway bar end links, (8) new sway bar end link bushings and (8) new sway bar end link washers. Working on the driver side, install the new sway bar end link and hardware into the stock location and torque to **32 ft lbs.** Repeat procedure on passenger side. **Special Note: If you are not able to install the new sway bar end link into the stock location, the weight of the vehicle may need to be on the ground. If this is the case, perform this step once the weight of the vehicle is on the ground.**

19. Working on the driver side, install the new front shocks absorbers using the stock hardware that was removed from step # 3. **Special Note: Shocks are not included with this suspension system, shocks need to be ordered as a separate part number, Tuff**

Country EZ-Ride Suspension recommends using a 23" fully extended nitrogen gas shocks. Repeat procedure on passenger side.

20. Install the tires and wheels and carefully lower the vehicle to the ground.

21. If you were not able to install the new sway bar end links in step # 18, perform step # 18 now that the weight of the vehicle is on the ground.

22. With the weight of the vehicle on the ground, torque the top and bottom spring eye shackle bolts on the driver and passenger side to **35 ft lbs.**

Congratulations. Front End Installation Complete.

Rear End Installation:

23. To begin installation, block the front tires of the vehicle so that the vehicle is stable and can't roll forward. Safely lift the rear of the vehicle and support the frame with a pair of jack stands. Place a jack stand on both the driver and passenger side. Next, remove the tires and wheels from both sides.

24. Position a pair of hydraulic floor jacks under the rear axle. Place one jack stand on the driver side and one on the passenger side. Raise up on both hydraulic floor jacks at the same time until they make contact with the rear axle.

25. Working on the driver side, remove the stock shock from the stock location and save the stock hardware for later re-installation. The stock shock may be discarded. **Special Note: New longer rear shocks are needed, if you have not already ordered shocks, please contact Tuff Country or your local Tuff Country dealer and order the proper shocks. Tuff Country recommends using a 26" fully extended nitrogen gas shock.** Repeat procedure on the passenger side.

26. Working on the driver side, remove the stock U-bolts from the stock location. The stock U-bolts and hardware may be discarded. Set the stock upper and lower U-bolt plates a side for later re-installation. Repeat procedure on the passenger side.

27. Carefully lower down on both hydraulic floor jacks at the same time allowing enough room for the new rear add-a-leaves to be installed. **Special Note: Make sure not to over extended any brake lines or hoses when lowering axle.**

28. Locate (2) new rear add-a-leaves, (2) new 3/8" centering bolts and nuts. Working on the driver side, place a pair of "C" clamps around the rear springs about 2" from the stock spring clamps. Safely remove the stock rear centering bolt and discard. Install the new rear add-a-leaf into the stock spring assembly. Secure the new rear add-a-leaf to the stock spring assembly using the

new 3/8" center bolt and nut. **Special Note: The new rear add-a-leaf should be installed into the stock spring assembly in progression in order. Tuff Country EZ-Ride Suspension recommends not using any air tools when installing the new rear add-a-leaves into the stock spring assembly. If air tools are used the centering bolt may strip, causing the stock spring assembly to come apart.** Torque the new centering bolt and nut to **35 ft. lbs.** With a suitable cutting tool, cut off the excess thread from the new centering bolt. Repeat procedure on passenger side.

29. Carefully raise up on both hydraulic floor jacks at the same time until the rear axle seat properly with the stock spring assembly and the newly installed rear add-a-leaf.

30. Locate (4) new 9/16" x 2 9/16" x 7 5/8" square U-bolts, (8) new 9/16" U-bolt high nuts, (8) new 9/16" U-bolt flat washers, the stock upper U-bolt plate and the lower U-bolt plate that was removed from step # 26. Working on the driver side, install the stock upper and lower U-bolt plates into the stock location and secure using the new 9/16" x 2 9/16" x 7 5/8" square U-bolts and hardware. Torque to **120 ft lbs.** Repeat procedure on the passenger side.

31. Locate the new shocks and the stock shock hardware that was removed from step # 25. **Special Note: Shocks are not included with this suspension system and need to be ordered as a separate part number, Tuff Country EZ-Ride Suspension recommends using a 26" fully extended nitrogen gas shocks.** Working on the driver side, install the new shock into the stock location and secure using the stock hardware. Torque to **75 ft lbs.** Repeat procedure on the passenger side.

32. Carefully remove both hydraulic floor jacks from under the vehicle.

33. Check and double check to make sure that all steps were performed properly. Check and double check to make sure that all stock and new hardware is torque to proper torque specifications. **Special Note: Refer to the owners manual and the torque setting sheet at the end of the installation manual.**

34. Install the tires and wheels and carefully lower the vehicle to the ground.

Congratulations, Installation Complete.

Any questions on the front or rear end installation, please contact Tuff Country EZ-Ride Suspension.