

# INSTALLATION INSTRUCTIONS



## SUZUKI JIMNY REAR WHEEL BEARING KIT WITH ABS

TGI-307822 (1998-2015 SUZUKI JIMNY JB23, ABS ONLY)  
(1998-2005 SUZUKI JIMNY JB33, ABS ONLY)  
(2000-2015 SUZUKI JIMNY JB43, ABS ONLY)  
(2019-CURRENT SUZUKI JIMNY JB64W/74W, ABS ONLY)

### KIT CONTENTS



#### NOTICE

Read instructions completely before installing this product. Refer back to the instructions frequently during installation.



#### CAUTION

Flying Object Hazard.  
Fluid Splash Hazard.  
Wear safety glasses at all times when working on vehicle.

#### WARNING

Cancer and Reproductive Harm –  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

TGI-307821

## RECOMMENDED TOOLS

Screwdriver	Bearing Separator
Ball Peen Hammer	Cut-off Wheel or Die Grinder
Rubber Mallet	Wheel Bearing Grease
Safety Glasses	Degreasing Compound (e.g. Brake Cleaner)
Metric Ratchet & Socket Set	Torque Wrench
Metric Wrench Set	Brake Bleeder Kit
Arbor Press	Metric Flare Nut Wrench Set

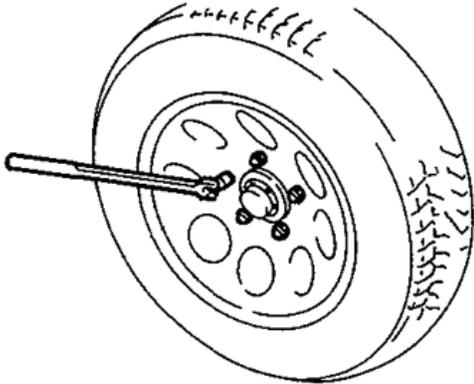
## CAUTION

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at 1.877.4X4.TOYS or 559.252.4950 before proceeding.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents Section on the first page of these instructions). If anything is missing, please contact Trail-Gear at 1.877.4X4.TOYS or 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
4. This product is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this product.
5. This installation is typical for most Suzuki Jimny vehicles. Some vehicles may vary. If necessary, refer to the proper Factory Service Manual for the year and model of your vehicle.

## INSTALLATION INSTRUCTIONS

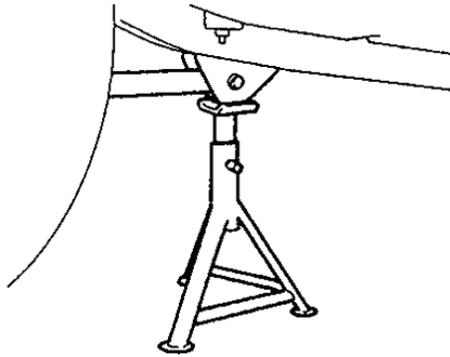
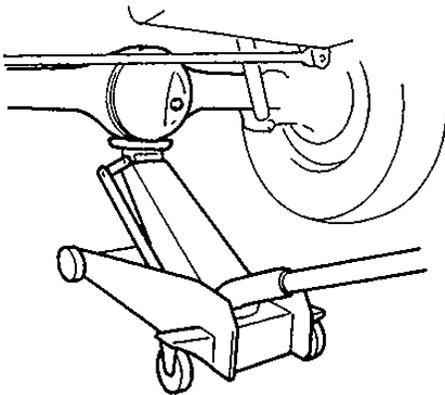
### STEP 1

Loosen the lug nuts on the rear wheel.



### STEP 2

Place a floor jack under the rear differential and raise the rear end. Place Jack Stands under the frame on both sides of the vehicle. Remove the floor jack.

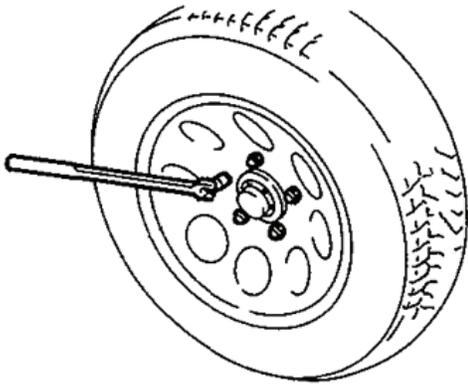


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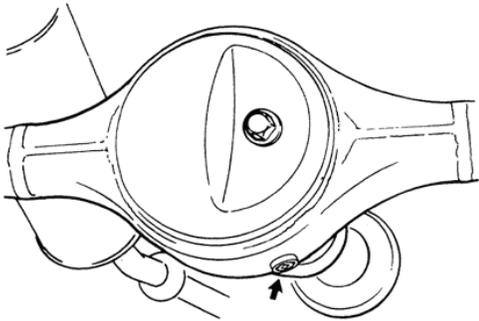
## STEP 3

Remove the (5) lug nuts on the wheel. Remove the wheel. Save the wheel and lug nuts for reinstallation.



## STEP 4

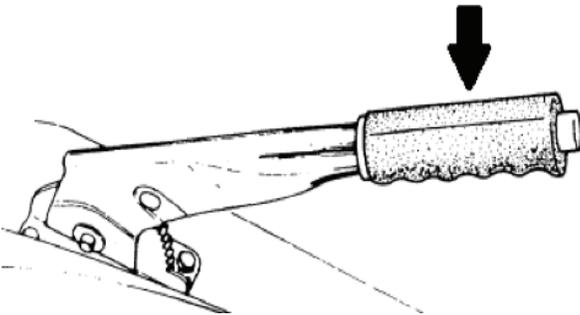
Place a drain pan under the rear differential. Loosen and remove the drain plug from the axle housing and drain the oil. Discard the used oil in accordance with all local laws. Many auto parts stores will accept used oil for little or no cost. Save the drain plug for reinstallation.



	<b>NOTICE</b>
	Dispose of used gear oil in accordance with all local laws.

## STEP 5

Make sure the parking brake is in the down position (parking brake off).

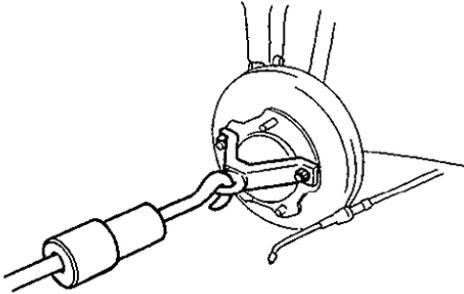


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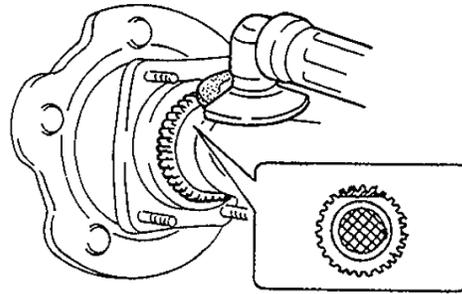
## STEP 6

Remove brake calipers and rear axle shaft according to the procedure outlined in the Suzuki Jimny Factory Service Manual for your model year.



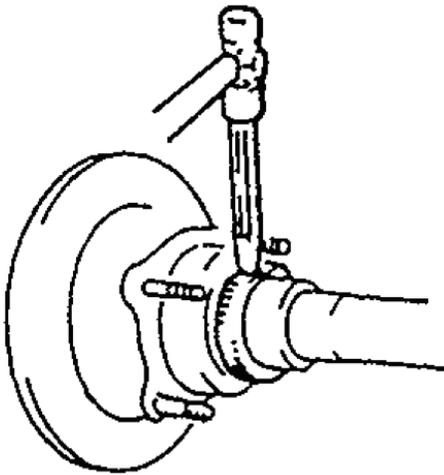
## STEP 7

Using a grinder, grind (2) large flats onto the rear axle ABS ring.



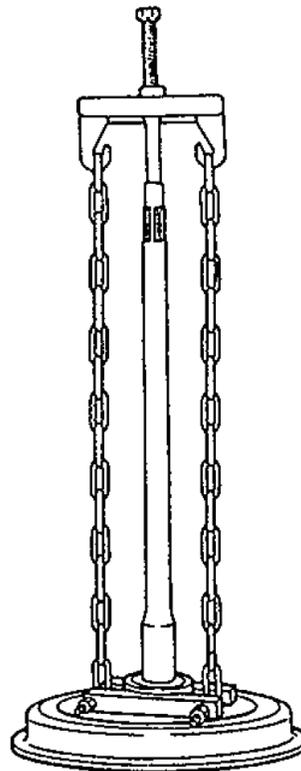
## STEP 8

Place the axle shaft assembly over a wooden block. Using a ball peen hammer and chisel, break the bearing retainer and remove the bearing retainer from the axle shaft. Discard the bearing retainer.



## STEP 9

Using a bearing puller, remove the bearing from the axle shaft.

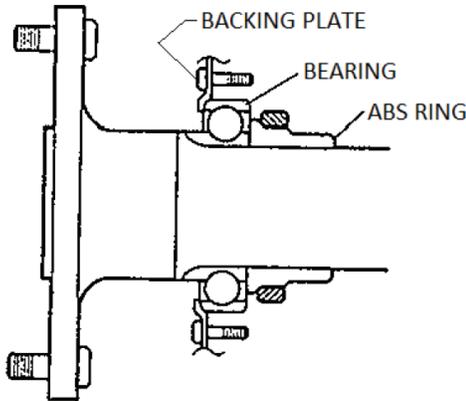


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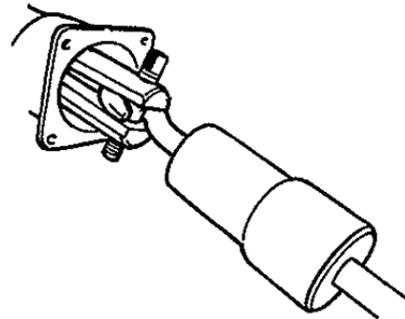
## STEP 10

Install the brake backing plate onto the axle shaft. Press the bearing and bearing retainer onto the axle shaft. Make sure the brake backing plate & bearing components are installed in the orientation



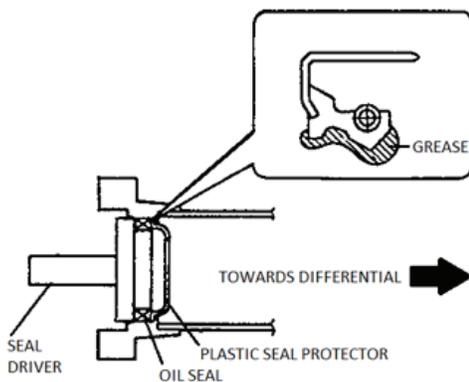
## STEP 10

Using a seal puller, remove the rear axle seal from the axle housing. Discard the rear axle seal.



## STEP 12

Make sure the oil seal protector is still correctly installed in the axle housing. Using a seal driver, install the new rear axle seal in the orientation shown below. After the seal is fully seated, apply wheel bearing grease around the inner lip of the seal as shown below.

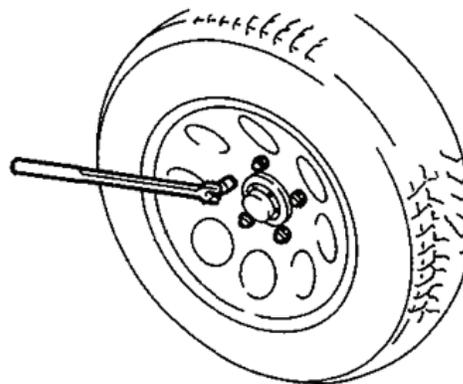


## STEP 13

Reinstall the axle into the axle housing. Reinstall the brake lines and brake caliper according to the procedure outlined in the Suzuki Jimny Factory Service Manual for your model year.

## STEP 14

Reinstall the wheel and the lug nuts.



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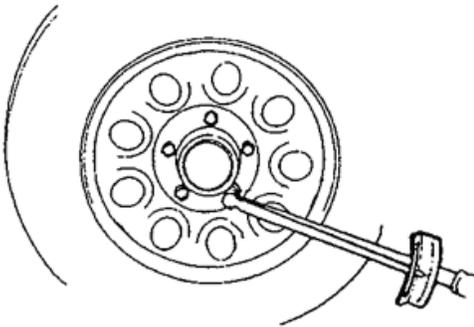


## STEP 15

Jack up the rear end. Remove the jack stands and lower the vehicle.

## STEP 16

Torque the lug nuts on both rear wheels to 69 ft-lbs (95 N-m) or to the torque specified in your Owner's manual.

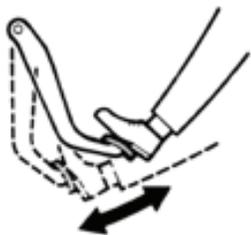


## STEP 17

Bleed the brake system according to the procedure outlined in the Suzuki Jimny Factory Service Manual for your model year.

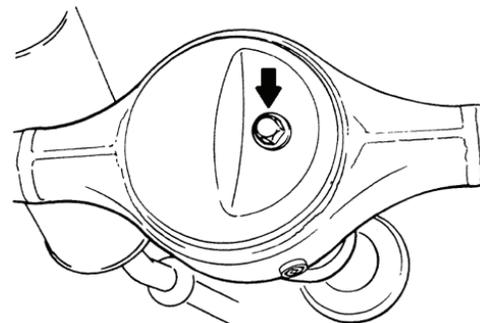
## STEP 18

Pump the brake pedal. If the brake pedal has a spongy feel, repeat the brake bleeding procedure until the brakes have been properly bled.



## STEP 19

Reinstall the differential drain plug. Remove the fill plug and fill the transfer case with the API GL-5 SAE 80W-90 gear oil or the gear oil recommended in your Owner's Manual. Reinstall the fill plug. Using a torque wrench, torque the filler plug to 36 ft-lbs (50 N-m) and the drain plug to 19.5 ft-lbs (27 N-m).



## STEP 20

Verify all bolts have been reinstalled and torqued. Take the vehicle for a short test drive and verify proper brake function. After the differential cools, recheck the gear oil level and add additional gear oil as needed.