

# INSTALLATION INSTRUCTIONS



## KIT, CRAWL BOX, TACOMA, 05+

TGI-307360

### KIT CONTENTS:



TGI-308398-INS



## RECOMMENDED TOOLS

17mm Socket  
3/8" Ratchet  
Rubber Mallet  
Seal Remover  
Blue Loctite

## CAUTION

1. Read all instructions completely and carefully before you begin.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents List on the first page of these instructions). If anything is missing, please contact Trail-Gear at 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle can not roll in either direction.

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## STEP 1

Remove your transfer case from transmission

## STEP 3

Perform this step only after reviewing step 2. Cut 3/8" off of the flat side of the hi-lo shift rail.



## STEP 2

If your rear case has this hi-lo shift rail, follow step 3, otherwise, move on to step 5.



## STEP 4

After cutting, your shift rail should look like the bottom one in the image.



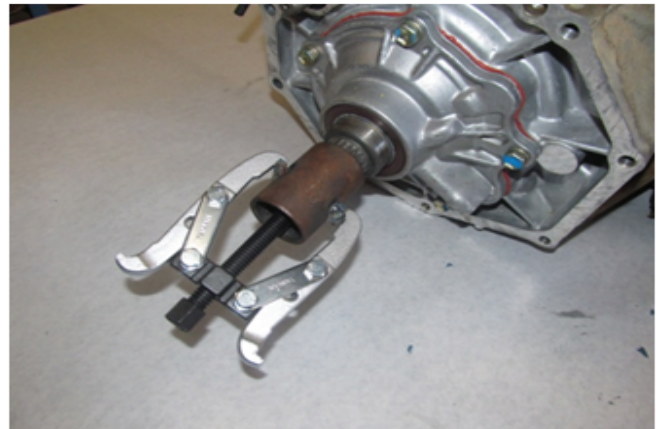
## STEP 5

To remove the stock coupler from your T-Case, weld provided key stock on opposite sides of each other.



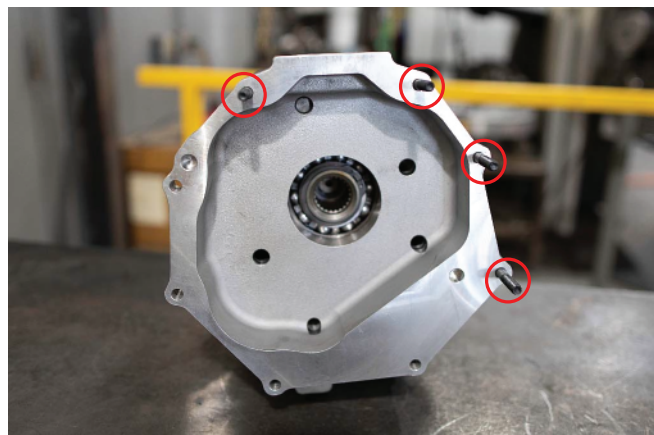
## STEP 6

Using a two jaw puller, remove the coupler.



## STEP 7

Install four M8-1.25 studs on the transfer case with blue loctite in the locations shown.



## STEP 8

Install two 11mm dowels.



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## STEP 9

Apply RTV to mating surface.



## STEP 10

Fasten together with provided M8-1.25 bolts and nuts.



## STEP 11

Remove stock seal from back of trasmission.



## STEP 12

Install provided coupler to transmission



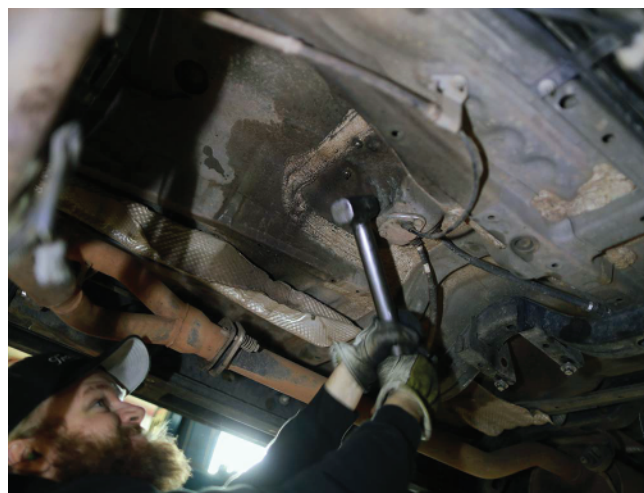
## STEP 13

Install seal housing and seal with a rubber mallet.



## STEP 14

Transmission tunnel may need to be cleared with a mallet to allow installation of dual case.



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## STEP 15

Your dual transfer case is now ready to mount to your transmission. Use the provided M8-1.25 Bolts and washers on the specified holes. Complete the installation with the stock hardware.



## STEP 16

Disconnect the vacuum line from the transmission.



## STEP 17

Install the vacuum cap supplied in the kit onto the transmission vacuum line nipple.



## STEP 18

Modify the floor board and shifter console of your vehicle to accommodate the Transfer case shifter(s). Follow the instructions that were provided with the transfer case shifter(s).

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## STEP 19

Using an 11/32" drill bit, and looking at the back of the transmission housing, drill out the lower (2) holes and upper right hand hole on the transmission housing.



## STEP 20

Place the gear-driven transfer case onto a jack stand and install the transfer case onto the transmission. Reuse the stock hardware except for the (3) indicated locations. In the lower left hand side (driver's side), reuse one of the stock bolts, except that the bolt head will now face the front of the vehicle. In the upper & lower right hand side (passenger side), use the (2) M8 Socket Head screws & washers provided with the kit.

## STEP 21

Tcase motor and control wiring will need to be extended.