

All-Pro 2005 & Newer Tacoma Transfer Case Skid Plate Instructions

Important notices:

These instructions are intended only as a general guide for installing All-Pro products. For some items, specialized mechanical skills, metal fabrication and/or welding skills may be needed for proper installation. If you have any doubts or questions about installing these or other parts please call us at the shop 406-961-0126 or contact a competent mechanic, fabricator, welder or other appropriate professional.

Qty	Part Description	Qty	Part Description
1	Skid Plate	2	1/2" flat washers
1	Instruction sheet	2	1/2" split lock washers
1	3/8" x 1" bolt	2	1/2" nuts
2	3/8" flat washers	2	machined spacers
1	3/8" Nylock nut	4	10mm split lock washers
2	1/2" x 1.5" bolt	16	10mm flat washers

Aftermarket accessories are intended to modify and/or prepare a vehicle for uses that exceed conditions anticipated by the vehicle manufacturer. These uses may include high performance demands and negotiation of rough terrain. These conditions have extreme variance and cannot be controlled by the vehicle manufacturer or aftermarket accessory manufacturer. Therefore, the safe control of your vehicle is entirely your responsibility. Do not purchase parts from All-Pro Off Road unless you are willing to accept this responsibility. Do not install any All-Pro part that you do not feel competent at installing without causing present or future injury to yourself or others; consult a professional installer .

All parts sold by All-Pro Off Road are for off road racing use only and are not intended for use on the street. Modification of your vehicle to enhance performance with the parts sold by All-Pro Off Road can result in dangerous situations that may result in bodily harm. The buyer hereby assumes all risks associated with any such modifications. All- Pro Off Road will not accept responsibility for personal injury or property damage arising from the failure of any parts manufactured or sold by All-Pro Off Road.

In an effort to provide both durability and safety, All Pro Off Road recommends you carefully read the entire installation procedure before beginning, then rigidly follow these instructions during installation. Also, it is extremely important that you abide by proper safety procedures including the use of jack stands, setting the parking brake, wearing eye protection, etc.

These instructions are intended only as a general guide for installing All-Pro products. Basic hand tools are needed to install this kit. If you have any doubts or questions about installing these or other parts please call us at the shop 406-961-0126 Monday through Friday, 8am-5pm MST or contact a competent fabricator / mechanic. Do NOT begin installing this kit until you have verified all parts below are included and complete. If you are missing any parts, please stop and call us before beginning.

Instructions:

Remove the stock transfer case guard by removing the 4 bolts holding it in place (2 front, 2 rear). There is no hole behind the bolts so no fluid will leak out. You may replace the bolts back into the transfer case if you choose to.



1. Remove the 4 flange nuts on the back of the factory cross member, but leave the bolts in place. Install 2 flat washers onto each bolt to act as spacers.



2. Install the 1/2" bolts with a flat washer into the 2 center holes in the cross member pointing rearward, then install 1 machined spacer onto the bolt on the other side of the cross member.



3. Remove the bolt holding the brake line junction block and pull the bracket away from the frame about an inch. Cut off the small tab that locks the bracket into the frame.



4. The next step we recommend having a second set of hands to help, or use a floor jack to help support the skid while you line up the holes & install it up into the frame under the transfer case. Work it up and hook the front holes on the bolts coming through the frame, then lift the back up and loosely install the bolt on the drivers side frame rail through the brake junction block & through the skid plate end bracket. This will help to hold the cross member in place while you start the other nuts.



5. Loosely install the 4 flange nuts (2 per side) on the cross member mount bolts at either end of the front of the skid plate. Then loosely install the lock washers and nuts on the two 1/2" center bolts. Its easier to do the drivers side first and access it from the passenger side behind the exhaust crossover tube. Next loosely install the 3/8" bolt and locknut with a flat washer on both sides of the passenger side frame rail. After all nuts and bolts have been started, tighten them down as follows: side bolts against frame rails 35ft.lbs, 4 small front cross member bolts 45ft.lbs, 2 large 1/2" bolts 65ft.lbs.
6. Recheck all bolts and nuts after 100 miles.