



## Transfer Case Parking Brake Kit

### 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 951-658-7077 or contact a competent mechanic, fabricator, welder or other appropriate professional.*

*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.*

## Installation Procedure:

Start by removing the front end of the rear driveshaft and move the drive shaft out of the way. Remove the five bolts pictured to the right. It is not necessary to drain the oil; only a small amount will drip out during the installation. Remove the nut in the center of the rear output flange and pull the flange off the transfer case. Also remove the rear parking brake cable and hardware.



Using press remove the dust shield from the flange. If a press is not available use a punch as pictured to remove it by working the punch around the shield until it comes off. There are two different discs with different bolt patterns depending on the type of rear drive shaft you have (CV or U-Joint). Verify the hole pattern on the disc

is the same as your driveshaft. Slide the disc onto the flange and reinstall the dust shield as shown.

Place the disc/flange assembly onto the t-case and install the center nut and stake the nut into place. Now install the parking brake assembly with the new bolts provided. One of the bolts is longer than the other four; install this longer one last with the included sleeve (pictured).

Connect your parking brake cable to the lever arm; connection method varies depending on truck. In LWB (X-tra cab & Long Bed models) it is necessary to replace the cable going up to the pull handle with that from a SWB truck or 4 Runner, or cable clamps may be used which are available at local hardware stores to shorten the existing cable. Adjust the parking brake by removing one end of the threaded rod and turning the ends.



Reinstall the drive shaft using the longer bolts (provided), reuse the original nuts and lock washers. Use lock tight to ensure the nuts do not come loose. Verify that all hardware is tight before finishing.

This parking brake is extremely effective. All that is needed to hold your truck on most hills is a light pull of the parking brake handle.

Disk Brake kit Parts list:

- (1) Parking brake assembly (including caliper, mount & arm)
- (4) Replacement drive shaft bolts
- (5) Bracket bolts, washers and lock washers
- (1) Mount sleeve
- (1) Brake Disc

