

# ADVANCE ADAPTERS INC.

P.O. Box 247, 4320 Aerotech Center Way  
Paso Robles, CA 93447

Telephone: (800) 350-2223 Fax: (805) 238-4201

## P/N: 715532

New Item: (03/95)

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## NEW VENTURE 5 SPEED TO TOYOTA L/C TRANSFER CASE ASSEMBLY

### KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	1	715532-BLK	T/C BRACKET FLAME CUTTING
2.	1	716049	SHIFT SPACER SM420
3.	2	723721	H.H.C.S. 3/8" -16 x 1" GR 5
4.	1	723701	3/8"-16 HEX HEAD NUT
5.	3	723704	3/8" LOCK WASHER

### NOTES:

This bracket is for use with the NV4500 5 speed transmission when adapting them to a Toyota Land Cruiser 4 speed transfer case. The bracket will provide a mounting hole in the appropriate location to reuse all of the original 4 speed transfer case linkage. The 3 speed mechanical transfer case linkage will not be compatible with this bracket. With the bracket in position, install the threaded stud that was originally on the 4 speed transmission into the hole provided. Due to the length of the threaded portion, we recommend that you weld the stud into position and grind the extra threaded portion of the stud to allow for clearance on the back side of the bracket. Make sure that the linkage fits properly into the shift rail. Minor modifications can be achieved by adjusting the hole location where the shifter bracket bolts to the top cover of the transmission.

The stock linkage location should work on all V8 engine conversions. If your gas tank area interferes with the shifter handle, you may need to fabricate a special bracket and move the handle forward.



Make sure bolts do not protrude into the tailhousing.

**SPECIAL NOTE:** The components packaged in this kit have been assembled and machined for specific type of conversions. Modifications to any of the components will void any possible warranty or return privileges. If you do not fully understand modifications or changes that will be required to complete your conversion, we strongly recommend that you contact our sales department for more information. This instruction sheet is only to be used for the assembly of Advance Adapter components. We recommend that a service manual pertaining to your vehicle be obtained for specific torque values, wiring diagrams and other related equipment. These manuals are normally available at automotive dealerships and parts stores.

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Special Spacer to engage shift rail.



Land Cruiser transfer case linkage.

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