



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: 50-8705

PAGE 1 OF 2

Page Rev. Date: 07-18-00

JEEP T18 4 SPEED TRANS. TO LARGE HOLE JEEP DANA 18 (THIN ADAPTER)

KIT CONSISTS OF:

<u>No.</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1.	1	51-8705	ADAPTER PLATE
2.	1	52-7200	MAIN SHAFT WITH 6 SPLINES
3.	1	716181	SPACER BUSHING
4.	1	716568	GASKET
5.	1	716737	SEAL (National #473468)
6.	1	723701	HEX NUT 3/8"-16
7.	1	723714	STUD BOLT 3/8"-16 x 1-1/2" LG
8.	4	723730	S.H.C.S. 3/8"-16 x 1-1/4" LG.
9.	1	723750	SEAL WASHER
10.	2	724317	7/16"-14 x 1-1/4" S.H.C.S.
11.	1	728701	NYLON LOCK NUT 7/8"-16
12.	1	JP001	JEEP INSTRUCTION MANUAL

JEEP T18 4 SPEED 1966 & UP:

The transmission can be identified by a case length of 11-7/8". The shift cover has a casting number of 13-01 or 13-09. The P.T.O. opening is on the right hand side toward the front of the case, and the shift cover is mounted to the top of the case with six bolts. The new shaft furnished with this kit must be carefully compared to the original shaft removed from your transmission.

This adapter kit was developed for the early model Jeeps that had a short wheel base and are unable to use the longer adapter kits. This adapter is exactly the same as the original Jeep design. This adapter is available in two different styles. One for the small hole transfer cases and one for the large hole transfer cases. Make sure you have received the correct adapter for your installation.

We recommend that all transmission assembly work is done by a competent mechanic. When assembling the gears onto the new main shaft, make sure that all gears have the proper end clearance required for oiling. Warner gear had used two different shaft designs for the spacer between second and third gear. Some transmissions will use a snap ring and thrust washer, while others will use a built in shoulder. Both shafts are interchangeable.

The adapter plate will bolt directly to the back of the transmission using the socket head cap screws. The transfer case must index onto the adapter plate in order to maintain proper alignment. A special stud bolt, seal washer, and hex nut have been supplied for the one bolt that threads into the transfer case. With the adapter into position, you must install the spacer that will locate the original output gear in the proper location. The adapter plate must have clearance over the counter shaft and reverse idler shaft. If necessary, a small portion of the aluminum casting may need to be removed for the necessary clearance.

The oil seal that has been supplied must be installed into the new adapter plate with the open side towards the transmission.

A gasket has been supplied to seal the adapter to the transfer case. We recommend a thin film of RTV blue silicon between the transmission and the adapter plate. (**NOTE:** Excessive silicone can cause adapter misalignment.)

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.

