

NV3550 5-SPEED TO AMC ENGINE WITH A DANA 300 TRANSFER CASE

KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	1	50-8604	DANA 300 ROTATION KIT
2.	1 Kit	712545	BELLHOUSING ADAPTER
3.	1	716007-PLT	CROSSMEMBER ADAPTER PLATE
4.	1 Kit	716099A	SHIFT HANDLE
5.	2	724303	7/16" LOCK WASHER
6.	2	724304	7/16" NUT
7.	4	724322	7/16"-14 x 1-1/4" F.H.C.S.

Note: *The bearing retainer may require shortening depending on your flywheel thickness (Ref. to instruction sheet 712545)*

INSTRUCTIONS:

This transmission is for Jeeps 1980-86 with a Dana 300 transfer case. The overall length of the NV3550 transmission is 16.750" long. The adapter plate is 1" long, and the stock Jeep bellhousing is 6.625" long. We have supplied the 50-8604 rotation kit allowing the NV3550 to accept the Dana 300 bolt pattern rotation. When installing the Dana 300 to the NV3550 you may be required to modify your transfer case shifter. The pivot pin on the Dana 300 transfer case must be installed so that the cotter pin is closest to the new transmission. You may also be required to grind a bit of the transmission webbing to obtain clearance for the pivot pin. The shifter handle should fit without any modifications. The NV3550 has the proper spline engagement and proper indexing for the Dana 300. Silicone should be used between the transmission and transfer case. The stock stud bolts on the transfer case and the stock nuts from the Dana 300 should be retained.



A crossmember adapter plate has been provided to change the four bolt crossmember transmission pad on the NV3550 to a two bolt pattern mount that was used on your stock Jeep. The location of the rubber crossmember mount may not line up with the stock skid pan slots; therefore, you may be required to re-slot your stock skid pan to fit the new transmission assembly.



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.