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P/N: 716221

New Item: (09/97)
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NV4500 5 SPEED TO JEEP DANA 300 - INDEX RETAINER KIT

KIT CONSISTS OF:

<u>No.</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1.	1	716220	INDEX RETAINER
2.	1	716308	SEALED BEARING
3.	1	716517	GASKET



SPECIAL INSTRUCTIONS:

This kit is designed to fit the 1996 and up Dodge NV4500s. This retainer kit will allow you to retain the later model tailhousing.

A special front bearing retainer must be installed on the front of your Dana 300, replacing the stock retainer. When removing the six Allen head bolts, there are two pry grooves located on the stock retainer. Use two pry bars into these slots to remove this aluminum retainer. When the retainer is removed, you will find the drive gear, input shaft, and bearing on this retainer assembly. By removing the snap ring on this assembly, these items will need to be taken apart. Once the items are disassembled, you will need to set aside the stock aluminum retainer and the stock roller bearing. A new sealed roller bearing has been provided because the new aluminum retainer does not have a provision for a seal. Using these new components, reinstall the Dana 300 input shaft assembly using the stock snap rings. Once assembly is assembled, you will then need to reinstall this retainer assembly back into your Dana 300 transfer case.

****CAUTION:** Make sure the pocket needle bearing inside the transfer case is still in place and care should be taken when installing so that the gears mesh. **DO NOT FORCE.** Use a sealant on the aluminum retainer between it and the case to prevent leakage. Install the six Allen bolts to the transfer case.

The stock seal in the adapter housing may or may not need to be removed. This is depending on the chamfer on your Dana 300. If this seal has to be removed, the sealed bearing is adequate in isolating the two gear box fluids. However, some gear boxes develop pressure which will sometimes cause leakage between the two gear boxes. An alternative is to run NV4500 fluid in both gear boxes.

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.