

ADVANCE ADAPTERS INC.

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P/N: 716021

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Page Rev. Date: 11-14-00

NEW TRANSMISSION CROSSMEMBER SUPPORT DANA 300 1980-86 VEHICLES

KIT CONSISTS OF:

<u>No.</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1.	1	716021-PLT	SPECIAL RECTANGULAR TUBING DRILLED FOR NV4500 TRANSMISSIONS
2.	2	716659	SMALL RUBBER MOUNT
3.	2	716658	LARGE CROSSMEMBER RUBBER
4.	2	723722	H.H.C.S. 3/8"-16 x 1-1/2" LONG
5.	2	723735	3/8" FLAT WASHERS
6.	2	724302	7/16" FLAT WASHERS
7.	2	724303	7/16" LOCK WASHERS
8.	2	724328	H.H.C.S. 7/16"-14 x 1-1/4" LONG
9.	2	726202	NYLON LOCK NUT 5/8"-11 PLT.
10.	4	726207	5/8" FLAT WASHER
11.	2	726210	5/8"-11 x 3" H.H.C.S.



NOTE: *This transmission support mount is designed around the use of the Advance Adapter transmission to transfer case housings.*

When used on Dana 300 transfer case kits, the original transmission support and snubber can be eliminated. New holes will need to be drilled into the skid plate. Using the illustration provided, bolt the structural tubing onto the bottom of the new adapter housing. We have included both 3/8" and 7/16" bolts depending on which model of transfer case adapter you are using. The neoprene insulators will need to be pre-assembled and installed before bolting the tubing to the adapter housing. See illustration for the installation onto the original skid plate or crossmember. We have found this mount to be a heavier design and provide more stability than using the original Jeep transmission support. On Wrangler vehicles, we use a similar kit, P/N 716008, that offers a wider stance.

On some installations that are not equipped with a body lift, it may be necessary to lower the transmission support in order to obtain the necessary floor board to transmission clearance. It is not uncommon to use spacers in between the skid plate and frame rails to achieve the proper crossmember height. If you would like to raise your transmission closer to the floor board area, then we have had a few customers suggest a spacer between the new mount and the bottom of the adapter housing. This spacer can usually be something similar to the structural tubing that we are offering.

When using this mount on NV4500 transmissions, with the stock Dodge tailhousing. We offer an additional spacer block to take up the added clearance between the adapter housing and the new 716021 mount. P/N 716048 is a 2"x 2" spacer.

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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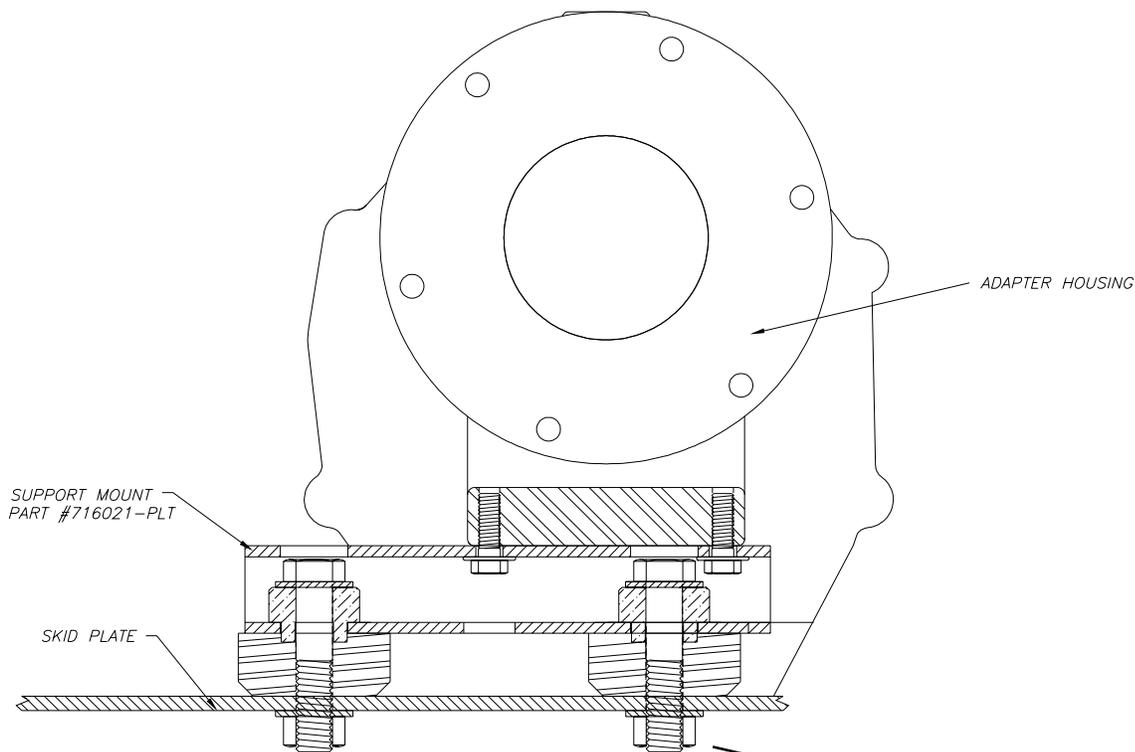
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NOTES:

1. Two (2) new holes will need to be drilled through the skid plate for rubber mounts.
2. Smaller rubber mounts must be placed inside tubing before inserting 5/8" bolt.

This mount (Part #716021), is designed for 1980-86 Jeeps only. It has been designed around the use of Advance Adapter transmission to transfer case housings.

Please note:

The torque spec. will vary depending on the condition of the nyloc nut. A new nyloc nut should be torqued to 100 in./lbs. (approx 8 ft./lbs). Visually, the supplied washer should become "sunk" into the top of the small rubber mount. Once the washer "disappears" slightly below the rubber, you have reached a good pre-load. Be aware that the tighter the bolt is, the "harder" the rubber will feel with power-train flex.

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