

CROSSMEMBER ASSEMBLY FOR THE 6R80 INTO 1966-77 FORD BRONCOS

KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	1	716040A	CROSSMEMBER MOUNT
2.	1	716655	TRANSMISSION MOUNT
3.	2	720097	12MM X 1.75 NYLOCK NUT
4.	8	723704	3/8" LOCK WASHERS <i>frame bolts</i>
5.	8	723722	3/8"-16 x 1-1/4" H.H.C.S. <i>frame bolts</i>
6.	8	723735	3/8" FLAT WASHERS <i>frame bolts</i>
7.	2	725002	1/2" LOCK WASHER
8.	2	725003	1/2" FLAT WASHER
9.	2	725008	1/2-13 x 1.5" HHCS

This crossmember is designed to fit the 6R80 transmission into 1966-77 Ford Broncos. This new mount bolts directly to the stock frame rails using the stock frame holes. The Bronco frame rails are tapered from the front to the back; our crossmember mount has this same taper. When fitting the crossmember between the frame rails, a rubber mallet may be necessary to knock it into position. One of the prototype vehicles that we installed the crossmember into had some welds on the inside frame rails that needed to be ground off before the crossmember would fit. Due to the age of these vehicles, the frame rail widths may vary, which could cause some fitment issues.

The 6R80 transmission mount should be bolted to the transmission using the new hardware and should line up with the new slots towards the rear of the vehicle.

The crossmember can now be fitted to the rubber mount and the frame rails. The driver's side exhaust should fit under the crossmember and the passenger side exhaust should fit inside the crossmember. Depending on the exhaust configuration in your vehicle, you may be required to do some modifications to the exhaust for proper fitment.

NOTE: The crossmember photo showing the exhaust routing are with an older version mount we produced. The new mount has the same clearances as did the old one this photo.

The new crossmember is a tight fit between the transfer case and transmission. A notch has been cut in the crossmember for clearance of the Dana 20 front output retainer bolt. This notch is necessary on applications using the stock transfer case rotation.

Due to tight tolerances, the crossmember holes to the frame have been oversized to allow for some adjustment. We have also slotted the holes in the crossmember tube to allow for some vehicle variances.

Once the crossmember has been secured to the frame, be sure to secure the rubber mount to the crossmember mount.

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.

