

## GM SM465 TO NP205 STOCK ADAPTER

### IN HOUSE INSTRUCTIONS

No.	Qty.	Part No.	Description
1.	1	51-4708	GM SM465 X NP205
2.	1	716515	SM465 GASKET
3.	1	716572	NP205 GASKET
4.	1	716763	SEAL
5.	1	723701	3/8-16 NUT
6.	16	723704	3/8" LOCKWASHER
7.	1	723711	3/8"-16 X 2.0" STUD BOLT
8.	15	723723	3/8"-16 x 1-1/2" H.H.C.S.

This casting is a replacement for the stock SM465 to NP205 adapter.

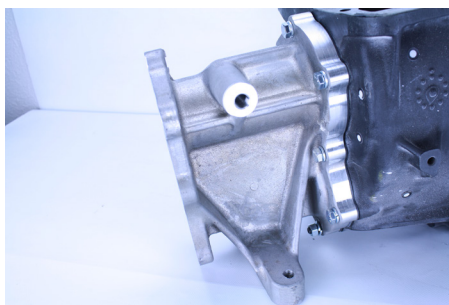
The new casting has the same bearing bores as the stock GM. GM designed the bore depths in there casting to work only when using the proper gaskets. The GM gaskets are very thick and allow the proper clearance for the bearings, without these gaskets you will lock up the transmission bearings/ shafts. We have supplied you the stock GM gaskets for the SM465 and NP205 gear boxes with this casting. Do not use any other gaskets.

The stud bolt in this kit is for the transmission bolt hole located at 6 o'clock, the length of the standard bolts do not allow them to be installed it into this lower hole, install the stud before installing the casting. Make sure the 3/8 lock washers are used on all bolts so they do not protrude to far into the transmission case.

The seal should be installed on the transfer case side with the open side of the seal facing the transfer case.

If this casting in being used with a 52-9502 coupler and you are using a 27 spline NP205 transfer case, the seal in the kit must be replaced with seal P/N716728 or CR 17231.

Note: The shifter boss on our casting is drilled and tapped like the later version GM casting (9/16-12). On early versions of this casting from GM the shifter pivot used a bolt that was 7/16-14. If the casting you are replacing had this smaller hole size, you can purchase a thread insert from a hardware supply company like (McMaster Carr # 92070A130). The thread insert will reduce the threads down to the proper 7/16-14 thread.



**SPECIAL NOTE:** The components packaged in this kit have been assembled and machined for specific types of conversions. Modifications to any of the components will void any possible warranty or return privileges. If you do not fully understand the 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 vales, wiring diagrams and other related equipment. These manuals are normally available at automotive dealerships and parts