

ASSEMBLY INSTRUCTION SHEET

Page Rev. Date: 07-08-19

DIVORCED ATLAS: SHIFTERS AND MOUNT

KIT CONSISTS OF:

5-2012 bushing updated/
old bushing is 716055C

No.	Qty	Part No.	Description
1.	10	301402	BOLT- 5/16"-18 x 1.25" H.F.C.S.
2.	1	303009	CABLE SHIFTER SOLD WITH AN ATLAS
3.	1	303926R-A	MOUNTING BRACKET FOR DIVORCED ATLAS
4.	4	303927	BUSHING-PTMEG, 94 Shore A, Black(<i>tap into tubing on mount</i>)
5.	2	716055B	SADLE BRACKET FOR PROTHANE BUSHINGS
6.	2	716055D	BUSHING SLEEVE (<i>to prevent crush on the bushings</i>)
7.	4	724302	7/16 FLAT WASHER (<i>saddle bracket bolt washers</i>)
8.	3	301412	BOLT- 3/8 -16 x 2.0 H.F.C.S. NON SERRATED
9.	4	724307	7/16"-14 x 1" (<i>saddle bracket bolts</i>)
10.	2	725005	NYLON LOCK NUT 1/2"-13 (<i>for prothane bushing bolt</i>)
11.	2	725022	HHCS 1/2"-13 x 7.5" (<i>prothane bushing through bolt</i>)

The Advance Adapters "Divorce Mounted Transfer Case" has been created to give you all of the great gearing options, parts availability, and strength features to vehicles that require a remote mounted transfer case. Early vehicles sometimes ran this type independent transfer case. It was attached to the powertrain by a small drive shaft coming from the transmission. This transfer case functioned identical to others and had a front and rear driveshaft. The entire transfer case assembly was hung from the frame on a crossmember type mount.

The mount plate included in our kit will give you the rigid mounting location for supporting this gear box to the frame. Prothane bushings and all hardware are included in this kit. It is necessary that you fabricate a support bracket from our transfer case mount to the frame rails of your vehicle. Please be aware that this new mount bracket should be very rigid and should be able to withstand the extreme twisting load that the gearing of the Atlas transfer case creates. Keep in mind that a good amount of frame flex may be generated in severe offroading conditions.

Also included with this kit are the cable operated shifters. These shifters can be routed anywhere underneath the vehicle as long as the cable will reach. These shifters should not transfer any type of noise or vibrations into the cab of the vehicle. They should be mounted securely to the floorboard, center console, or some other fixed object to render the best operation.

This transfer case design will also allow someone to make an original 2WD vehicle into a 4WD without changing the transmission. In these instances, be aware that frame, axle, and suspension may need to be upgrade to withstand the multiplication of torque. Please feel free to call Advance Adapters if you have any questions concerning this Divorce Mounted Atlas transfer case.



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.