

UNIVERSAL H.D. ATLAS 4 SP SHIFTER

KIT CONSISTS OF:

No.	Qty	Part No.	Description
1.	1 kit	302011	ATLAS BOOT & KNOB KIT
2.	1	302051	TWIN STICK BASE MOUNT
3.	1	302065	TWIN STICK EXTENSION TUBE
4.	2	302058	TWIN STICK HANDLE (STR)
5.	1	302080	1/2"-13 x 7" STUD BOLT
6.	1 kit	303040	ATLAS HEIM JOINT KIT 2 1/8" - 3"
7.	2	303055	TWIN STICK BRASS ROD END
8.	1	303070	TWIN STICK TOWER with BUSHINGS
9.	2	303085	1/2" SHOULDER BOLT
10.	1	303120	HEX LOCK NUT 1/2"-13 PLATED
11.	3	303121	HEX JAM NUT 1/2"-13 PLATED
12.	4	722546	SELF TAPPING METAL SCREW
13.	3	723731	S.H.C.S. 3/8"-16 x 1"



Note: when replacing the white bushings on an Atlas shifter with the H.D. Kit, you will be required to replace the shifter handles and the brass shift rail ends

The shift tower in this photo as shown would index onto the D.O.M. tubing and would fit a left drop case. Right drop cases would require the tower to be flip to the other side to index over the D.O.M. tubing.

SHIFTER INSTALLATION

1. Install the shifter base to the face of the Atlas using the three S.H.C.S. 3/8"-16 x 1". RTV Blue Silicone should be used on these bolts to prevent leakage. This should be done before the Atlas is installed into the vehicle.
2. Install 1/2"-13 all-thread and jam nut to the shifter base.
3. Slide the shifter tower along the all-thread stud until the shifter arms are at the center of your stock floor cutout.
4. Measure between the tower and the base to obtain the correct extension tube length.
5. Remove the tower and install the extension tube.
6. install the new 303126 bushings using a vice or press into the shifter handles. Assemble the shift handles to the shift tower.
7. Install the shift tower assembly to the extension tube using the lock nut on 1/2"-13 all-thread to secure.
8. Install the two new 303126 bushings using a vice or press into the shift rail brass ends. Install the brass shift rod ends to the Atlas shift rods. Teflon tape should be used on the threaded portion of the shift rod.
9. With the Atlas in neutral and the shift handles parallel with the shift tower, measure the distance for the linkage rods.

Note: This is a universal kit and you may be required to trim part # 715582 to get the exact length you need.

10. Assemble part # 715582 male heim end and part # 302203 female heim end using part # 723131 hex jam nuts. Do not tighten this assembly at this point.
11. Install the assembled heim using four of part # 723134 H.H.C.S and four of part # 723141 hex nyloc nuts. The four 713134 H.H.C.S need to be installed as shown below. Adjust heims so shift handles are parallel to shift tower.
12. Once adjustments are made you can tighten the assembly.

