

PRECISION PERFORMANCE PRODUCTS

End Mount Air Cylinder & Mounting Bracket

INSTRUCTIONS - KWIK-SHIFT II

Please Note: These instructions have been re-written and edited by **Century Performance Center, Inc.** Most of this document is from the original instruction sheet with some expanded detail to improve clarity for both our own customers and other Kwik-Shift users.

These instructions are specific to converting **KWIK-SHIFT II** shifters to air operation by adding the appropriate end-mounted air cylinder.

- Part #338 2-Speed, Powerglide
- Part #339 3-Speed, Standard Pattern Valve Body, Push Up-Shift
- Part #340 3-Speed, Reverse Pattern Valve Body, Pull Up-Shift

Please refer to FIGURE 1 below (on the next page)

For standard pattern valve body 3-speed (part #339), and 2-speed Powerglide (part #338) shifter applications:

- Remove the two shifter case bolts (A) and remove the two aluminum side plate spacers
- Verify the **TOP** of the air cylinder bracket (B)
- Slide the air cylinder assembly and slide it into the shifter case, with the TOP (B) in the uppermost position
- Reinstall the two bolts at (A)
- Connect the poly tubing to the port fitting (F) on the air cylinder

NOTE: The standard pattern air cylinders (#338 and #339) only push the handle and therefore do not require a mounted connection to the handle itself (D).

For reverse pattern valve body (part #340) shifter applications:

- Remove the four shifter case bolts (A) and (G), removing the aluminum side plate spacers
- Remove the **LEFT** side plate (C)
- Verify the **TOP** of the air cylinder bracket (B)
- Slide the air cylinder assembly and slide it into the shifter case, with the TOP (B) in the uppermost position
- Connect the clevis onto the end of the cylinder rod to the shifter handle with the provided pin (D)
- Reinstall the two aluminum spacers at (G) and the four bolts at (A) and (G)
- Connect the poly tubing to the port fitting (E) on the air cylinder

FIGURE 1

Kwik-Shift II Air Cylinder Installation

