



Brock's Performance • 4064 E. Patterson Road • Dayton, OH 45430 • Phone: 937-912-0054 • Fax: 937-912-0062

AIR SHIFTER CYLINDER MOUNT INSTALLATION INSTRUCTIONS

The Brock's Performance Air Shifter Cylinder Mount (ASCM) is a universal fit for mounting the fixed end of an air cylinder to most motorcycles. Drilling and tapping an M8-1.25 hole will be required to install.

Check Package Contents:

Package Contents Include:

1. One (1) Cylinder Mount
2. One (1) Pin
3. Two (2) #8 Screws
4. One (1) M8 Bolt
5. One (1) Bushing

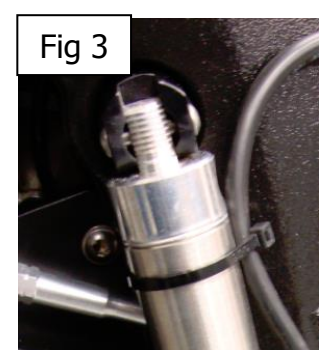
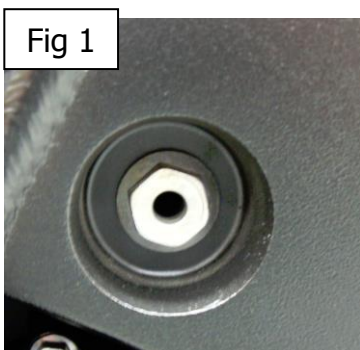
If your package contents differ, please contact Brock's Performance at 937-912-0054.

For additional installation support please refer to the OEM service manual.



Instructions:

1. Determine a proper location for air cylinder placement on the bike.
 - a. Many modern bikes have hollow engine mount bolts which can be tapped to accept the ASCM. (Fig 1)
 - b. For frame mounting consult the OEM service manual.
2. Use industry standard practices to determine proper shift lever travel
 - a. It is recommended to be 3/16" – 1/4" (4.75mm – 6.35mm) away from bottoming out the air cylinder through the entire gear range (up and down).
 - b. With the engine off and rear wheel elevated, proceed through all of the gears to verify clearance.
3. Insert the supplied bushing and M8 bolt into the ASCM. Apply red threadlocker to the M8 bolt. (Fig 2)
4. Install the assembly onto the tapped hole and torque to 4.2 lb-ft (5.7 N·m).
 - a. Do NOT overtighten the M8 bolt. The mount should be free to spin after installation.
5. Install the air cylinder by sliding the supplied Pin through the upper air cylinder mount and secure with the two (2) #8 screws. (Fig 3)
6. Perform a final verification of proper shift lever travel. If proper travel or any binding is observed **DO NOT** operate the bike until the issue is resolved.



ALL BROCK'S PERFORMANCE PRODUCTS ARE DESIGNED FOR CLOSED-COURSE RACETRACK USE ONLY!

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