



INSTALLATION INSTRUCTIONS

P/N 67295 - 4-BAR STUD GIRDLE TO FIT 396-454 BIG BLOCK CHEVROLET

NOTE: Moroso part #67295 comes without adjusting nuts. Use Moroso #67160 for exhausts, and #67170 for Intakes.

1. Clean all parts thoroughly to ensure machine residue is not present at the time of installation.
2. Remove old adjusting nuts from your engine. Thread adjusting nuts onto the rocker arm studs. Set the valves (without tightening down on the set screws.) Assemble all matching bars; intake upper half and lower half, and exhaust upper and lower. Refer to assembly drawing.

Slip bar assemblies over adjusting nuts until they are at equal heights from head surface and almost touching. Now assemble the top supports to the bars using the 1/4"-20 x 1/2" Hex Head Bolts to fasten the support to the top of the bars. To ensure the bars are at the proper height, tighten all bolts. There should be no flexing of the studs or adjusting nuts. Now run the set screws down until they engage the rocker arm studs. **DO NOT OVERTIGHTEN THE SET SCREWS.**

3. When the valves have been finally adjusted, go back and torque the through-bolts on each bar assembly to 20 ft./lbs. This pressure will hold each two adjusting nuts at approximately 10,000 lbs., more than sufficient to prohibit any flexing. The 1/4"-20 x 1/2" top support bolts should be torqued to 5 ft./lbs. maximum.
4. To re-adjust the valves, loosen through-bolts, then individually back off each set screw approximately 1/3 turn to reduce drag on the adjusting nut.
5. When a Moroso Stud Girdle is used, stock valve covers will no longer fit. The ideal solution is a pair of Moroso "taller" Big Block Valve Covers. There are four styles for Chevys:

ANODIZED ALUMINUM	CHROME PLATED STEEL	DIE CAST ALUMINUM	FABRICATED ALUMINUM
#68010 - Gold	#68110	#68420	#68333
#68011 - Blue		#68425	#68334
#68012 - Red		#68430	#68336
		#68435	

PARTS LIST

2	UPPER INTAKE BARS	2	3/8-16 X 1 1/4" HEX HEAD LOCKING BOLTS, ZINC
2	LOWER INTAKE BARS	18	3/8-16 X 1 1/2" HEX HEAD LOCKING BOLTS, ZINC
2	UPPER EXHAUST BARS	20	3/8" FLAT WASHERS HARDENED (WITH 5/8" O.D.)
2	LOWER EXHAUST BARS	4	TOP SUPPORTS
		8	1/4"-20 X 1/2" HEX HEAD BOLTS, ZINC
		8	1/4" SPRING WASHERS

**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 8:30am – 5:00pm Eastern Time**

MOROSO PERFORMANCE PRODUCTS, INC
80 CARTER DR • GUILFORD, CT 06437-2116
Phone: (203) 453-6571 • Fax: (203) 453-6906

