**401-1**

**AMERICAN ANSWERS FOR AMERICAN POWER**
- Should be purchased in kit form (401-1K)
- 401-1K includes everything between block and carb
- Assembled heads come with hydraulic, solid, or roller springs good up to .650’’ lift
- Recommended 10 degree locks for solid or roller
- Customer must supply cam specs
- Uses .800’’ offset Indy intake rocker (same as 440-1)
- Uses rocker shafts and pedestals same as the 440-1
- Machined for stock 440 rocker shafts or Jesel rockers
- Valve angle is stock 18 degrees
- Intake valve moved .045’’ toward cylinder wall
- Exhaust valve moved .045’’ toward cylinder wall
- Will fit 4.125’’ bore
- Utilizes 440 Chrysler exhaust pattern (for better cooling)
- Intake port volume 245cc (can be ported bigger)
- Intake volume is 79cc bigger than stock head
- Exhaust port volume 110cc
- Intake valve diameter 2.19’’ - 5.344’’ overall length
- Exhaust valve diameter 1.81’’ - 5.370 overall length
- 58cc combustion chamber volume
- Can be milled to 51cc
- 2’’ spring height, spring seats 1.550’’, can cut 1.625’’
- Head gasket: Indy #290
- Intake gasket: Indy #295
- Exhaust header gasket: Indy #221
- Head bolts: ARP #401-16 (1/2’’)
- Head studs: ARP #401-18 (1/2’’)
- Valve guides 11/32 solid bronze
- 3/4 reach gasket seat sparkplugs
- Champion C57CX (cold) to C63CX (hot)
- Accepts aftermarket intake manifold
- 401-2 intake best complements 401-1 heads
- Uses 401-8 sheet metal valve covers

**Want more power from your AMC race engine, get prepared and hold on because the 401-1 is ready for you.** The 401-1 aluminum head features a modern high quench heart shape 58cc combustion chamber and a properly sized 245cc intake runner. It also utilizes the .800’’ offset intake rocker and shaft set up from Indy’s renowned 440-1 heads along with a 440 exhaust pattern (center exhaust ports spread for better cooling). When performance is the goal use the 401-2 Indy intake manifold which takes advantage of the 401-1 wide port design.

**FEEL THE POWER!**
- Can be drilled for 3/8 extra head bolt holes
- Head bolt torque 95ft lbs.
- Rocker shaft torque 25-30 ft. lbs.
- 7/16-14 Jesel rocker bolts 50 ft. lbs.
- 401-1 heads with Indy valves, no block or head milling, use the following push rod lengths:
  - AMC solid lifter 8.050’’
  - Mopar solid lifter 8.220’’
  - Hydraulic 7.950’’
- Roller cam push rod length must be checked!
- Best engine range 360 cid to 460 cid