



## **Part # 220A**

### **Engine Specifications:**

- Block: Machined GEN III Hemi 5.7L (2004-2008)
- Bore: 3.927" (Pistons size vary, final honing may be required)
- Displacement: 345CI
- Main Journal Type: Mopar GEN III Hemi
- Engine Block Material: Cast iron
- Engine Block Style: OEM
- Engine Block deck Height: Standard Deck
- Main Bolt Style: 2 Bolt
- Main Caps Included: Yes
- Main Cap Material: Powdered metal
- Main Cap Fasteners Included: Yes
- Main Bearings Included: No
- Camshaft Bearings: Dura-Bond, installed and clocked to OEM position
- Freeze Plugs: Brass, installed and sealed
- Oil Galley Plugs: Installed and sealed

### **Block Specs:**

Camshaft bearing line boring in STD.

- Pos 1: 2.2921" -2.2931"
- Pos 2: 2.2765" -2.2775"
- Pos 3: 2.2607" -2.2617"
- Pos 4: 2.2449" -2.2459"
- Pos 5: 1.7187" -1.7197"

Main, line honed (2.7522" - 2.7525")

Cylinder honing ID (3.9270" - 3.9278")

Minimum deck height (7.880" - 7.870")

## **BEFORE USING THIS PRODUCT PLEASE READ THE FOLLOWING**

Engine assembly should only be attempted by experienced engine builders.

### **Warranty**

This Block is sold without warranty or guarantee of any kind. Under no circumstances shall Summit Racing Equipment be liable for any special, incidental or consequential damage of any kind from the purchase, installation, or use of this block. **Please Note: Any Claim of damage or defects in machining or Clearances must be made prior to assembly.**

### **Prior to Assembly**

- 1) Checking fitment, compatibility, and purpose of parts used in this block is the responsibility of the engine builder.
- 2) All visual inspection, measurements and clearance checks should be done prior to assembly.
- 3) Any claim of damage or defects in machining must be made prior to assembly.
- 4) This block was torque plate honed. A torque plate must be installed prior to any cylinder bore measurements
- 5) This block is finished honed to accept Moly, Chrome and Cast Piston Rings. Ring end gap should be checked at time of installation.
- 6) The block deck has been surfaced finished. Piston deck clearance should be checked at time of assembly.
- 7) Will accept up to a 4.000" crank using most "H" Beam Rods. Connecting rod to clearance to other components **must always be checked** before completing assembly.
- 8) **Final wash.** This block has been treated with a rust inhibitor. This block must be thoroughly washed before assembly. Use hot soapy water and rinse with fresh water then dry thoroughly to prevent rust.