



V-Twin Mfg. Knucklehead Engine



V-Twin *first* introduced the complete **Knucklehead Engine** in 2002. **100% V-Twin!** This completed our line up of **Replica Engines**, with the first being the Panhead in 1998, followed by the Shovelhead in 1999!



Knucklehead 87" Alternator-Generator Long Block features alternator left hand case and generator right hand case. Each long block is assembled with S&S crankcases, Sifton oil pump, S&S 4 $\frac{5}{8}$ " flywheels, Timken main bearing, Sifton Knucklehead lighting cam, matched pinion gear, Torrington cam needle bearing and Torrington main pinion bearing. Cylinders are Motor Shop Ready Brand pre-fitted with forged 8.25:1 pistons. Cylinder heads are Motor Shop Ready brand fitted with Sifton valves, springs and collars. Heads feature stock intake and exhaust ports. Each 87" long block is assembled with a natural finish cam cover, natural finish lifter block, automatic advance distributor and solid lifters. Each long block is pre-run and tested for proper oil pump pressure. Sprocket shaft is correct length for 1970-up 4 or 5 speed transmission assembly.



Manifold Kit. Order nut/seal kit and 35-0064 manifold for 61" engines with Big Port Heads.

VT No. Item
35-0863 Nut/Seal Kit
35-0064 Manifold



Upper and Lower for 1936-69 Big Twin.

VT No.	Year	Finish
8164-19	1936-69	Chrome
8165-19	1936-69	Cadmium
9627-19	1936-69	Parkerized



Stock Knucklehead Engine Mount fits 61 and 71 Overhead Oiler Big Twins.

VT No.	Years	Finish
31-0106	1938-47	Chrome
31-0107	1938-47	Black Oxide
31-9006	1936-37	Black Oxide
2649-9	Bolts	Parkerized
2648-9	Bolts	Cadmium

VT No.	Item
10-1985	Engine
31-0735*	Top Mount

*Note: Allows installation of Knucklehead engine in Evolution frames. Raw finish



Replica Linkert Manifold includes nuts, seals, gaskets & bolts.

VT No.	Item
35-0043	Manifold
35-0113	Adapter to Bendix



31-0735 Top Mount allows the installation of Knucklehead Engine in Evolution frame, raw finish