

PISTONS

AE Herculite Powermax cast pistons are the highest quality cast piston available for the A-Series engine. Very robust, even in competition use, light weight, and very reasonably priced. They are available for the 1275 in oversizes in both 6.5cc dish and flat top, as well as for 73.5mm "Big-Bore size with a 9cc dish.

20659

73.5mm "Big Bore"

C-AJJ3378

1275 6cc dished oversize piston set, +.020", +.040", +.060".

C-AJJ3382

1275 flat top piston set, +.020", +.040", +.060".

AE's current standard production pistons are of such high quality they have been used in many successful race applications. What makes them especially attractive is their price and spares availability. Replacement ring sets are readily available, as are individual pistons if required. The different CR's are achieved by different pin to crown heights. The 21253 type are best suited to high performance use as they have a much smaller oil drain slot behind the oil control ring - thereby reducing the possibility of breakage.

P21250

9.41CR, 1275 low drag slipper piston. Available in +.020, .040", .060", 8.4cc dish.

P21251

8.8-1CR, 1275 low drag slipper piston. Available in +.020", .040", .060", 8.4cc dish.

P21253

9.75-1CR, 1275 low drag slipper piston. Available in +.020", .040", .060", 8.4cc dish.

P20950

998cc Powermax piston, flat top, std to +.060".

P20773

8.5 CR, 998cc piston, dished top, +.020", .040", .060"

P20754

10.3 CR, 998cc piston, flat top, +.020", .040", .060".

The above are a good hardy piston, the flat top type being all right for up to 10.8-1 CR. However, they should not be used in engines being used continually over 6,500 rpm.

C-AEG701

Set of 8 PTFE wrist pin buttons to replace circlips for high RPM use. State whether for standard type or A+ slipper piston. For 998cc only.

Mini Mania can also produce almost any size or crown configuration required. These would be produced by Venolia pistons in California. These are forged, supreme quality pistons.. This service usually takes 4-6 weeks, but costs little more than buying a set of "off the shelf" forged pistons. Forged pistons can also be supplied for 948cc and 1098cc in limited oversizes.



CRANK DAMPERS

For high performance engines an efficient crank damper is a necessity to reduce failure. The standard damper commonly used is barely adequate for the standard engine. Mini Spares have reproduced the original "S" damper and pulley - far superior to the standard item. The damper ring can be bolted directly to the toothed belt crank pulley, or used with the original "V" belt crank pulley.

12A367

"S" Damper ring.

C-AEG454

"S" Crank pulley.

C-AHT146

Lock tab for 12A367 to C-AEG454.



C-AEA750

Friction Damper kit

You've read all the books on engine harmonic vibration and how bad it is for the bottom end of your engine. Take a survey of race engine builders and they'll agree that the friction damper manufactured by Fisher is far superior to the rubber isolated damper. Mini Mania is proud to offer a Fisher friction damper kit for the A-Series engine. Every effort has been made to make this kit as compact and lightweight as possible. To do so we have utilized a ribbed Poly-V belt drive system. The Poly-V belt drives lightweight aluminum water pump and alternator (or idler) pulleys.

C-AHT147

Up-rated front pulley bolt

High tensile socket head bolt that is used with a thick EN16 washer. It is of sufficient length to ensure twice the recommended engineering thread engagement.

