# WISECO PISTON Forged Piston Kits

**1999-up TC88 Piston Kits**

**1448 cc 10.5:1 Compression 3 3/4" Bore**

| | STD | .005 | .010 | .020 | .030 |
|---|---|---|---|---|---|
| Piston Kit | 11-9928 | 11-9929 | 11-9930 | 11-9931 | 11-9932 |
| Wiseco Rings | 11-9933 | 11-9934 | 11-9935 | 11-9936 | 11-9937 |

**1550cc Big Bore Kit 9:1 Compression 3.875" Bore, 4"stroke Piston Kits include Hastings X Ring Pack**

| | STD | .005 | .010 | .020 |
|---|---|---|---|---|
| Piston Kit | 11-9938 | 11-9939 | 11-9940 | 11-9944 |
| Wiseco Rings | 11-9923 | 11-9924 | 11-9925 | 11-9926 |

**1550cc Big Bore Kit 10.5:1 Compression 3.875" Bore, 4"stroke Piston Kits include Hastings X Ring Pack**

| | STD | .005 | .010 | .020 | .030 |
|---|---|---|---|---|---|
| Piston Kit | 11-9918 | 11-9919 | 11-9920 | 11-9921 | 11-9922 |
| Wiseco Rings | 11-9923 | 11-9924 | 11-9925 | 11-9926 | 11-9927 |

**1984-99 Ev Piston Kits**

**1340cc 8.5:1 Stock Compression 3½" Bore. Piston Kits include Hastings X Ring Pack.**

| | STD | .010 | .020 | .030 | .040 |
|---|---|---|---|---|---|
| Piston Kit | 11-9830 | 11-9831 | 11-9832 | 11-9833 | 11-9834 |
| Wiseco Rings | 11-9759 | 11-9762 | 11-9760 | 11-9764 | 11-9765 |

**1340cc 10:1 Compression 3½" Bore. Piston Kits include Hastings X Ring Pack.**

| | STD | .005 | .010 | .020 | .030 | .040 |
|---|---|---|---|---|---|---|
| Piston Kit | 11-9895 | 11-9896 | 11-9897 | 11-9898 | 11-9899 | 11-9900 |
| Wiseco Rings | 11-9759 | 11-9901 | 11-9762 | — | 11-9764 | 11-9765 |

**1340cc 11:1 Compression 3½" Bore Piston Kit include Hastings X Ring Pack.**

| | STD | .005 | .010 | .020 | .030 | .040 |
|---|---|---|---|---|---|---|
| Piston Kit | 11-9840 | 11-9841 | 11-9842 | 11-9843 | 11-9844 | 11-9845 |
| Wiseco Rings | 11-9759 | 11-9901 | 11-9762 | 11-9760 | 11-9764 | 11-9765 |

**1340cc 9.25:1 Compression 3⅝" Bore Stock Stroke.Includes head and base gasket. Achieves 88 cu in. Piston Kits include Hastings X Ring Pack.**

| | STD | .005 | .010 | .020 | .030 |
|---|---|---|---|---|---|
| Piston Kit | 11-9903 | 11-9904 | 11-9905 | 11-9906 | 11-9907 |
| Wiseco Rings | 11-9908 | 11-9909 | 11-9910 | 11-9911 | 11-9912 |

**1340cc 3.75" Bore, 93.4"**

| | STD | .005 | .010 | .020 | .030 |
|---|---|---|---|---|---|
| Piston Kit | 11-1699 | — | — | — | — |
| Wiseco Rings | 11-9971 | — | — | — | — |


**Note:** All Wiseco Rings are sold per piston.

**Wiseco Replacement Circlips** fit all Wiseco pistons, available in pairs.

| VT No. | Fits |
|---|---|
| **11-9773** | 3 7/16" & 3 1/2" Bore Pistons |
| **11-9774** | 3 3/4" Bore Pistons |

**Wiseco Replacement Wrist Pins** are sold each. Bore size is 3 1/2". Fits 1340 Evo.
**VT No. 11-9778**

## *KB PERFORMANCE PISTONS*


**The Keith Black 390 Hypereutectic** alloy is cast in a permanent steel mold which makes it possible to build a light weight piston that makes more power and uses less fuel and lasts longer than any other type of piston being made today. We can now forget about running loose, noisy, oil-burning pistons. The low heat transfer of the alloy keeps the skirts cool so piston expansion is minimal. Test engines have run with as little as .0005" (1/2 thousandth) piston-to-wall clearance. The combination of a low heat transfer piston alloy and high compression ring placement increases power and economy. The high ring placement alone reduces detonation and increases the top ring temperature. It is important to see our ring end gap instructions to avoid ring butting.

The KB piston will make maximum power at 2 to 4 degrees less total timing than conventional pistons. All KB piston sets are supplied with Hastings Moly Ring sets. Safe top ring end gaps can be found by multiplying the bore diameter by the appropriate ring end gap factor from the adjoining chart.
***Example:*** 3.5" bore "Street Normally Aspirated" = 3.5" bore x .0065" = .023" top ring end gap.
**Note:** Second ring end gaps do not need extra clearance

| Engine | 1340cc Evolution | 1340cc Evolution | 1340cc Evolution | TC-88 | TC-88 | TC-88 |
|---|---|---|---|---|---|---|
| **Model** | **FLH-FX** | **FL-FX** | **FL-FX** | **FL-FX** | **FL-FX** | **FL-FX** |
| **Years** | 1984-up | 1984-up | 1984-up | | | |
| **C.I.D.** | 0" | 80" | 80" | 88" | 88"95" | |
| **Bore** | 3.498 | 3.498 | 3.498 | 3.750" | 3.750" | 3.875" |
| **Stroke** | 4.250" | 4.250" | 4.250" | 4.00" | 4.00" | 4.00" |
| **Cyl Height** | 5.550" | 5.550" | 5.550" | 4.938" | 4.938" | 4.938" |
| **Comp. Ratio** | 8.5:1 | 9.5:1 | 10.5:1 | 8.5:1 | 9.25:1 | 9.25:1 |
| **STD** | **11-2216** | **11-2257** | **11-2222** | **11-2264** | **11-2269** | **11-2274** |
| **.005** | **11-2217** | **11-2258** | **11-2223** | **11-2265** | **11-2270** | **11-2275** |
| **.010** | **11-2218** | **11-2259** | **11-2224** | **11-2266** | **11-2271** | **11-2276** |
| **.020** | **11-2219** | **11-2260** | **11-2225** | **11-2267** | **11-2272** | **11-2277** |
| **.030** | **11-2220** | **11-2261** | **11-2226** | **11-2268** | **11-2273** | **11-2278** |
| **.040** | **11-2221** | **11-2262** | **11-2227** | | | |

| APPLICATION | RING END GAP FACTOR | PISTON TO WALL CLEARANCE |
|---|---|---|
| Street Normally Aspirated | .0065" | .00075"-.0015" |
| Street Nitrous or Supercharged | .0080" | .0015"-.0025" |
| Flat Track Gasoline | .0080" | .0010"-.0030" |
| Flat Track Alcohol | .0060" | .0010"-.0030" |
| Drag Gasoline | .0075" | .0010"-.0030" |
| Drag Alcohol | .0065" | .0010"-.0030" |
| Drag Supercharged or Nitrous Gas | .0095" | .0015"-.0030" |
| Drag Supercharged Alcohol | .0085" | .0010"-.0030" |
| Drag Supercharged Fuel | .0115" | .0020"-.0040" |