



Harley Davidson Piston Kits

Order: 1-800-827-9210

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80" Evolution Big Twin



YEARS	1984-PRESENT
STROKE	4.25 IN
KIT CONTAINS	2 PISTONS, RINGS, CLIPS, AND WRIST PINS
WRIST PIN SIZE	0.792
VALVE SIZE	2.140 IN, 1.740 EX

Displacement	Bore Size	Installation Requirements	Comp Ratio	Part Number
80CI	3 1/2	Drop in	10:1	MTC-HD3500
80CI	3 1/2	Hone cylinders to +.005	10:1	MTC-HD350005
80CI	3 1/2	Bore and hone cylinders to +.010	10:1	MTC-HD350010
80CI	3 1/2	Bore and hone cylinders to +.020	10:1	MTC-HD350020
80CI	3 1/2	Bore and hone cylinders to +.030	10:1	MTC-HD350030
88CI	3 5/8	After-market cylinder required	10:1	MTC-HD3625
88CI	3 5/8	After-market cylinder required	10:1	MTC-HD362505
88CI	3 5/8	After-market cylinder required	10:1	MTC-HD362510

Twin Cam 88



YEARS	1999-2006
STROKE	4 IN
KIT CONTAINS	2 PISTONS, RINGS, CLIPS, AND WRIST PINS
WRIST PIN SIZE	0.927
VALVE SIZE	2.040 IN, 1.790 EX (95CI); 2.100 IN, 1.790 EX (107CI - 131CI)

Displacement	Bore Size	Installation Requirements	Comp Ratio	Part Number
95CI	3 7/8	Bore and hone cylinders	10.5:1	MTC-HD3875
95CI	3 7/8	Bore and hone cylinders	15:1	MTC-HD3875H
95CI	3 7/8	Bore and hone cylinders to +.005	10.5:1	MTC-HD387505
95CI	3 7/8	Bore and hone cylinders to +.005	15:1	MTC-HD387505H
95CI	3 7/8	Bore and hone cylinders to +.010	10.5:1	MTC-HD387510
95CI	3 7/8	Bore and hone cylinders to +.010	15:1	MTC-HD387510H
95CI	3 7/8	Bore and hone cylinders to +.020	10.5:1	MTC-HD387520
95CI	3 7/8	Bore and hone cylinders to +.020	15:1	MTC-HD387520H
107CI	4 1/8 *	Resleeve, bore, and hone	9.8:1	MTC-HD4125
107CI	4 1/8 *	Resleeve, bore, and hone to +.010	10.5:1	MTC-HD412510
107CI	4 1/8 *	Resleeve, bore, and hone to +.020	10.5:1	MTC-HD412520
117CI, 4 3/8 STROKE	4 1/8 *	Resleeve, bore, and hone	9.8:1	MTC-HD4125-4375
117CI, 4 3/8 STROKE	4 1/8 *	Resleeve, bore, and hone to +.010	9.8:1	MTC-HD412510-4375
117CI, 4 3/8 STROKE	4 1/8 *	Resleeve, bore, and hone to +.020	9.8:1	MTC-HD412520-4375
124CI, 4 5/8 STROKE	4 1/8 *	Resleeve, bore, hone, and fly-wheels	9.8:1	MTC-HD4125-4625
124CI, 4 5/8 STROKE	4 1/8 *	Resleeve, bore, hone to +.010, and fly-wheels	9.8:1	MTC-HD412510-4625
124CI, 4 5/8 STROKE	4 1/8 *	Resleeve, bore, hone to +.020, and fly-wheels	9.8:1	MTC-HD412520-4625
131CI, 4 5/8 STROKE	4 1/4	After-market motor required	9.8:1	MTC-HD4250
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.005)	9.8:1	MTC-HD425005
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.010)	9.8:1	MTC-HD425010
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.020)	9.8:1	MTC-HD425020
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.030)	9.8:1	MTC-HD425030
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.005)	9.8:1	MTC-HD425005
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.010)	9.8:1	MTC-HD425010
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.020)	9.8:1	MTC-HD425020
131CI, 4 5/8 STROKE	4 1/4	After-market motor required (hone +.030)	9.8:1	MTC-HD425030

* These pistons will fit into stock cylinders that have been resleeved. MTC has sleeves for this application and torque plates for this and many other V-Twin applications.