



Kawasaki Piston Kits

Order: 1-800-827-9210
Int'l: 1-321-636-9480
www.mtceng.com
sales@mtceng.com

Kawasaki KZ 900 / KZ 1000

YEARS 1973-1980
STROKE 66MM
RING GROOVES 1.0, 1.2, 2.8MM
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE 17MM (CAN BE HONED TO 18MM)
VALVE SIZE 39MM IN, 33MM EX (POCKET 1MM LARGER)



Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1075CC KZ 1000: 2mm oversize	72MM 2.834 In	KZ 900: Resleeving and bore crankcase KZ 1000: Cylinder boring	ROAD DRAG TURBO	10.5:1 12.5:1 9.0:1	MTC-K1075 MTC-K1075H MTC-K1075T
1135CC KZ 1000: 4mm oversize	74MM 2.913 In	Resleeving and bore crankcase	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-K1135 MTC-K1135H MTC-K1135T
1197CC KZ 1000: 6 mm oversize	76MM 2.992 In	Resleeving and bore crankcase	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-K1197 MTC-K1197H MTC-K1197T
1261CC KZ 1000: 8mm oversize	78MM 3.070 In	Resleeving and bore crankcase	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-K1261 MTC-K1261H MTC-K1261T
1327CC KZ 1000: 10mm oversize	80MM 3.149 In	Big block required bore crankcase	ROAD DRAG TURBO	10.5:1 13.5:1 7.8:1	MTC-K1327 MTC-K1327H MTC-K1327T
1428CC KZ 1000: 13mm oversize	83MM 3.267 In	Big block required bore crankcase	ROAD DRAG TURBO	10.5:1 13.5:1 7.8:1	MTC-K1428 MTC-K1428H MTC-K1428T
1500CC KZ 1000: 15mm oversize	85MM 3.346 In	Big block required bore crankcase	DRAG TURBO	13.5:1 7.8:1	MTC-K1500H MTC-K1500T



Mike Konopacki
 2009 AMA/Dragbike 3X Multi-Class Champion

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Kawasaki GPZ 1100

YEARS	1983-1984
STROKE	66MM
RING GROOVES	1.0, 1.2, 2.8MM
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	17MM (CAN BE HONED TO 18MM)
VALVE SIZE	39MM IN, 33MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1135CC	74MM	Cylinder boring only	ROAD	10.5:1	MTC-G1135-3
1.5mm oversize	2.913 In		DRAG	12.5:1	MTC-G1135H-3
1197CC	76MM	Resleeving and bore crankcase	ROAD	10.5:1	MTC-G1197-3
3.5mm oversize	2.992 In		DRAG	12.5:1	MTC-G1197H-3
			TURBO	7.8:1	MTC-G1197T-3
1261CC	78MM	Resleeving and bore crankcase	ROAD	10.5:1	MTC-G1261-3
5.5mm oversize	3.070 In		DRAG	12.5:1	MTC-G1261H-3
			TURBO	7.8:1	MTC-G1261T-3
1327CC	80MM	Big block required bore crankcase	ROAD	10.5:1	MTC-G1327-3
7.5mm oversize	3.149 In		DRAG	13.5:1	MTC-G1327H-3
			TURBO	7.8:1	MTC-G1327T-3
1394CC	82MM	Big block required bore crankcase	ROAD	10.5:1	MTC-G1394-3
9.5 mm oversize	3.229 In		DRAG	13.5:1	MTC-G1394H-3
1428CC	83MM		Big block required bore crankcase	ROAD	10.5:1
10.5 mm oversize	3.267 In	DRAG		13.5:1	MTC-G1428H-3
		TURBO		7.8:1	MTC-G1428T-3



Cliff Jones
MTC Piston Supervisor



Kawasaki Piston Kits

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Kawasaki J Model

YEARS	GPZ1100 1981-1982 KZ1000J 1981-1997
STROKE	66MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	17MM (CAN BE HONED TO 18MM)
VALVE SIZE	39MM IN, 33MM EX (POCKET 1MM LARGER)



Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1075CC 2mm oversize	72MM 2.834 In	Cylinder boring	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-J1075 MTC-J1075H MTC-J1075T
1135CC J-Model: 4mm oversize GPZ: 1.5mm oversize	74MM 2.913 In	J-Model: Resleeve GPZ: Cylinder bore	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-J1135 MTC-J1135H MTC-J1135T
1197CC J-Model: 6mm oversize GPZ: 3.5mm oversize	76MM 2.992 In	Resleeve bore crankcase	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-J1197 MTC-J1197H MTC-J1197T
1261CC J-Model: 8mm oversize GPZ: 5.5mm oversize	78MM 3.070 In	Resleeve bore crankcase	ROAD DRAG TURBO	10.5:1 12.5:1 7.8:1	MTC-J1261 MTC-J1261H MTC-J1261T
1327CC J-Model: 10mm oversize GPZ: 7.5mm oversize	80MM 3.149 In	Big block required bore crankcase	ROAD DRAG TURBO	10.5:1 13.5:1 7.8:1	MTC-J1327 MTC-J1327H MTC-J1327T
1394CC J-Model: 12mm oversize	82MM 3.229 In	Big block required bore crankcase	ROAD DRAG	10.5:1 13.5:1	MTC-J1394 MTC-J1394H
1428CC J-Model: 13mm oversize GPZ: 10.5mm oversize	83MM 3.267 In	Big block required bore crankcase	ROAD DRAG TURBO	10.5:1 13.5:1 7.8:1	MTC-J1428 MTC-J1428H MTC-J1428T
1500CC J-Model: 15mm oversize GPZ: 12.5mm oversize	85MM 3.346 In	Big block required bore crankcase	TURBO	7.8:1	MTC-J1500T



Mark Paquette
Funnybike Racer

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Kawasaki ZX-9

YEARS 1998-1999
STROKE 50.87MM
RING GROOVES 1.0, 1.0, 2.0
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, AND BUTTONS
WRIST PIN SIZE 18MM
VALVE SIZE 30.5MM IN, 26.5MM EX (POCKET 1 MM LARGER)

Kawasaki ZX-11

YEARS 1990-1999
STROKE 58MM
RING GROOVES 1.0, 1.2, 2.8
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, AND BUTTONS
WRIST PIN SIZE 18MM
VALVE SIZE 32MM IN, 27MM EX (POCKET 1 MM LARGER)

Kawasaki ZX-14

YEARS 2006-2009
STROKE 61MM
RING GROOVES FLAT TOP: 1.0, 1.0, 2.0; TALL DECK: 1.0, 1.2, 2.8;
DECK: 1.0, 3.6 (2.8+SPACER)
STROKER: 4 PISTONS, RINGS, WRIST PINS, AND CLIPS
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, AND CLIPS
WRIST PIN SIZE 20MM
MAX VALVE SIZE "FLAT TOP/TALL DECK: 34MM IN, 29MM EX
STROKER: 35.5MM IN, 30.75MM EX (POCKET 1MM LARGER)"

Kawasaki ZX-10

YEARS 2004-2005
STROKE 55MM
RING GROOVES 0.8, 0.8, 1.5 (76MM) 1.0, 1.0, 2.0 (79MM)
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, AND CLIPS
WRIST PIN SIZE 17MM
VALVE SIZE 31.5MM IN, 26.5MM EX (POCKET 1 MM LARGER)

Kawasaki ZX-12

YEARS 2000-2005
STROKE 55.40MM
RING GROOVES 1.0, 1.0, 2.0 (83MM) 1.0, 1.2, 2.8 (85-86MM)
KIT CONTAINS 4 PISTONS, RINGS, WRIST PINS, AND CLIPS
WRIST PIN SIZE 21MM
VALVE SIZE 35.5MM IN, 30.75MM EX (POCKET 1 MM LARGER)

Kawasaki ZX-9

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
998CC 4mm oversize	79MM 3.110 In	Bore block & replate	STREET	11.5:1	MTC-ZX09-0998

Kawasaki ZX-10

998CC	76MM 2.992 In	Drop in (NO RINGS - use OEM rings)	TURBO	9.8:1	MTC-ZX10-998T
1137CC 3mm oversize	79MM 3.110 In	Bore block & replate	STREET DRAG	12.5:1 14.5:1	MTC-ZX10-1137FT MTC-ZX10-1137H

Kawasaki ZX-11

1109CC 2mm oversize	78MM 3.070 In	Bore block & replate +Requires .060 spacer plate, Turbo/Nitrous	ROAD TALL DECK	12.5:1 9.8:1	MTC-ZX1109H MTC-ZX1109-TD
1195CC 5mm oversize	81MM 3.189 In	Resleeve - After-market block required +Requires .060 spacer plate, Turbo/Nitrous	ROAD TURBO	12.5:1 9.8:1	MTC-ZX1195H-TD MTC-ZX1195T-TD

Kawasaki ZX-12

1199CC	83MM 3.267 In	Drop in Drop in Requires .060 spacer, Turbo/Nitrous	FLAT TOP TURBO TALL DECK	12.5:1 11:1 11:1	MTC-ZX1199 MTC-ZX1199T MTC-Z1199T-TD
1256CC	85MM 3.346In	Bore block & replate	DRAG	14.7:1	MTC-ZX1256H
1256CC PRO LITE	85MM 3.346In	Bore block & replate	DRAG	14.7:1	MTC-4VPL-85ZX
1287CC PRO LITE	86MM 3.386 In	Bore block & replate	DRAG	14.7:1	MTC-4VPL-862X

Kawasaki ZX-14

1352CC	84MM 3.307 In	Std Bore"3.307 In" Drop in Drop In + Requires 2mm Shorter Rod Drop In + Requires 4mm Stroker Crank	FLAT TOP TALL DECK STROKER	12.25:1 11:1 12.25:1	MTC-ZX14-1352H-FT MTC-ZX14-1352-TD MTC-ZX14-1352S
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