Suzuki Piston Kits

Order: 1-800-827-9210
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Suzuki GS 1150

YEARS	ALL YEARS
STROKE	66MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	20MM
VALVE SIZE	31MM IN, 26MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1134CC	74MM	Drop in	ROAD	10.5:1	MTC-1134-20
Std. Bore	2.913 In		DRAG	12.5:1	MTC-1134H-20
			TURBO	7.8:1	MTC-1134T-20
1166CC	75MM	Cylinder boring	ROAD	10.5:1	MTC-1166-20
1mm oversize	2.952 In		DRAG	12.5:1	MTC-1166H-20
			TURBO	7.8:1	MTC-1166T-20
1198CC	76MM	Cylinder boring	ROAD	10.5:1	MTC-1198-20
2mm oversize	2.992 In		DRAG	12.5:1	MTC-1198H-20
			TURBO	7.8:1	MTC-1198T-20
1230CC	77MM	Cylinder boring	ROAD	10.5:1	MTC-1230-20
3mm oversize	3.031 In		DRAG	12.5:1	MTC-1230H-20
			TURBO	7.8:1	MTC-1230T-20
1261CC	78MM	Resleeve	ROAD	10.5:1	MTC-1261-20
4mm oversize	3.070 In	Bore crankcase	DRAG	13.5:1	MTC-1261H-20
			TURBO	7.8:1	MTC-1261T-20
1327CC	80MM	Big block required	ROAD	10.5:1	MTC-1327-20
6mm oversize	3.149 In	Bore crankcase	DRAG	13.5:1	MTC-1327H-20
			TURBO	7.8:1	MTC-1327T-20
1395CC	82MM	Big block required	ROAD	10.5:1	MTC-1395-20
8mm oversize	3.228 In	Bore crankcase	DRAG	13.5:1	MTC-1395H-20
			TURBO	7.8:1	MTC-1395T-20
1428CC	83MM	Big block required	ROAD	10.5:1	MTC-1428-20
9mm oversize	3.267 In	Bore crankcase	DRAG	13.5:1	MTC-1428H-20
			TURBO	7.8:1	MTC-1428T-20
1464CC	84MM	Big block required	ROAD	10.5:1	MTC-1464-20
10mm oversize	3.307 In	Bore crankcase	DRAG	13.5:1	MTC-1464H-20
			TURBO	7.8:1	MTC-1464T-20
1500CC	85MM	Big block required	DRAG	13.5:1	MTC-1500H-20
11mm oversize	3.346 In	Bore crankcase	FLAT TOP	11:1	MTC-1500T-20
1500CC PRO LITE	85MM	Big block required	DRAG	15:1	MTC-4VPL-85-20
11mm oversize	3.346 in.	Bore crankcase	FLAT TOP	11:1	MTC-4VPL-85FT-20
1570CC PRO LITE	87MM	Big block required	DRAG	15:1	MTC-4VPL-87-20
13mm oversize	3.425 in.	Bore crankcase & add valve pockets	FLAT TOP	11:1	MTC-4VPL-87FT-20
1640CC PRO LITE	89MM	Big block required	DRAG	15:1	MTC-4VPL-89-20
15mm oversize	3.504 in.	Bore crankcase & add valve pockets	FLAT TOP	11:1	MTC-4VPL-89FT-20

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Suzuki GS 1100

YEARS	ALL YEARS
STROKE	66MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	18MM
VALVE SIZE	31MM IN, 26MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1104CC	73MM	Cylinder boring	ROAD	10.5:1	MTC-S1104
1mm oversize	2.874 in.		DRAG	12.5:1	MTC-S1104H
			TURBO	7.8:1	MTC-S1104T
1134CC	74MM	Cylinder boring	ROAD	10.5:1	MTC-S1134
2mm oversize	2.913 in.		DRAG	12.5:1	MTC-S1134H
			TURBO	7.8:1	MTC-S1134T
1166CC	75MM	Cylinder boring	ROAD	10.5:1	MTC-S1166
3mm oversize	2.952 in.		DRAG	12.5:1	MTC-S1166H
			TURBO	7.8:1	MTC-S1166T
1198CC	76MM	Resleeve and	ROAD	10.5:1	MTC-S1198
4mm oversize	2.992 in.	Bore crankcase	DRAG	12.5:1	MTC-S1198H
			TURBO	7.8:1	MTC-S1198T
1230CC	77MM	Resleeve and	ROAD	10.5:1	MTC-S1230
5mm oversize	3.031 in.	Bore crankcase	DRAG	12.5:1	MTC-S1230H
			TURBO	7.8:1	MTC-S1230T
1261CC	78MM	Resleeve and	ROAD	10.5:1	MTC-S1261
6mm oversize	3.070 in.	Bore crankcase	DRAG	13.5:1	MTC-S1261H
			TURBO	7.8:1	MTC-S1261T
1327CC	80MM	Big block required	ROAD	10.5:1	MTC-S1327
8mm oversize	3.149 in.	Bore crankcase	DRAG	13.5:1	MTC-S1327H
			TURBO	7.8:1	MTC-S1327T
1395CC	82MM	Big block required	ROAD	10.5:1	MTC-S1395
10mm oversize	3.228 in.	Bore crankcase	DRAG	13.5:1	MTC-S1395H
			TURBO	7.8:1	MTC-S1395T
1428CC	83MM	Big block required	ROAD	10.5:1	MTC-S1428
11mm oversize	3.267 in.	Bore crankcase	DRAG	13.5:1	MTC-S1428H
			TURBO	7.8:1	MTC-S1428T
1464CC	84MM	Big block required	ROAD	10.5:1	MTC-S1464
12mm oversize	3.307 in.	Bore crankcase	DRAG	13.5:1	MTC-S1464H
			TURBO	7.8:1	MTC-S1464T
1500CC	85MM	Big Block Required	DRAG	13.5:1	MTC-S1500H
13mm oversize	3.346 in.	Bore crankcase	FLAT TOP	11:1	MTC-S1500T
1500CC PRO LITE	85MM	Big block required	DRAG	15:1	MTC-4VPL-85
13mm oversize	3.346 in.	Bore crankcase	FLAT TOP	11:1	MTC-4VPL-85FT
1570CC PRO LITE	87MM	Big block required	DRAG	15:1	MTC-4VPL-87
15mm oversize	3.425 in.	Bore crankcase & add valve pockets	FLAT TOP	11:1	MTC-4VPL-87FT
1605CC PRO LITE	88MM	Big block required	DRAG	15:1	MTC-4VPL-88
16mm oversize	3.465 in.	Bore crankcase & add valve pockets	FLAT TOP	11:1	MTC-4VPL-88FT
1640CC PRO LITE	89MM	Big Block Required	DRAG	15:1	MTC-4VPL-89
17mm oversize	3.504 in.	Bore crankcase & add valve pockets	FLAT TOP	11:1	MTC-4VPL-89FT

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Suzuki GSXR 750 Watercooled High Compression

YEARS	1996-1999
STROKE	46MM
RING GROOVES	STOCK OEM
KIT CONTAINS	4 PISTONS, PINS, AND BUTTONS
WRIST PIN SIZE	16MM
VALVE SIZE	28.5MM IN, 26MM EX (POCKET 1MM LARGER)

Suzuki GSXR 1000 Watercooled

YEARS	2001-2004
STROKE	59MM
RING GROOVES	1.0, 1.0, 2.0
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, AND CLIPS
WRIST PIN SIZE	16MM
VALVE SIZE	30.5MM IN, 25MM EX (POCKET 1MM LARGER)

Suzuki GSXR 1100 Watercooled

YEARS	1993-1998
STROKE	60MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	20MM

Suzuki GSXR 750 Watercooled High Compression

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
748CC Std Bore	72MM 2.835 In	Drop in	DRAG	14:1	MTC-S748HW

Suzuki GSXR 1000 Watercooled

1043CC 2mm oversize	75MM 2.952 In	Bore block & replate	DRAG	14.5:1	MTC-R1043H
1070CC 3mm oversize	76MM 2.992 In	Bore block & replate	DRAG	14.5:1	MTC-R1070H

Suzuki GSXR 1100 Watercooled

1117CC 1mm oversize	77MM 3.032 In	Cylinder boring	ROAD TURBO	11:1 9.8:1	MTC-R1117W MTC-R1117TW
1191CC 3.5mm oversize	79.5MM 3.129 In	Resleeving & bore crankcase	DRAG	12:1	MTC-R1191HW

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Suzuki GSXR 1100
58mm Stroke

YEARS	1986-88
STROKE	58MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	20MM
VALVE SIZE	29.5 IN 26MM EX (POCKET 1 MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1107CC	78MM	Cylinder boring	ROAD	12.0:1	MTC-R1107
2mm oversize	3.070 in.		DRAG	13.5:1	MTC-R1107H
			TURBO	10.0:1	MTC-R1107T
1165CC	80MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1165
4mm oversize	3.149 in.		DRAG	13.5:1	MTC-R1165H
			TURBO	10.0:1	MTC-R1165T
1195CC	81MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1195
5mm oversize	3.189 in.		DRAG	13.5:1	MTC-R1195H
			TURBO	10.0:1	MTC-R1195T
1224CC	82MM	Big block required bore crankcase	ROAD	12.0:1	MTC-R1224
6mm oversize	3.228 in.		DRAG	13.5:1	MTC-R1224H
			TURBO	10.0:1	MTC-R1224T
1254CC	83MM	Big block required bore crankcase	ROAD	12.0:1	MTC-R1254
7mm oversize	3.267 in.		DRAG	13.5:1	MTC-R1254H
			TURBO	10.0:1	MTC-R1254T
1285CC	84MM	Big block required bore crankcase	ROAD	12.0:1	MTC-R1285
8mm oversize	3.307 in.		DRAG	13.5:1	MTC-R1285H
			TURBO	10.0:1	MTC-R1285T
1315CC	85MM	Big block required bore crankcase	ROAD	12.0:1	MTC-R1315
9mm oversize	3.346 in.		DRAG	13.5:1	MTC-R1315H
			TURBO	10.0:1	MTC-R1315T

Rikard Gustafsson
Swedish Funnybike Racer

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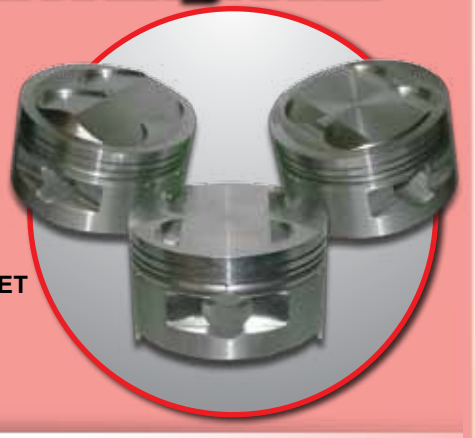
Suzuki GSXR 1100
59 mm Stroke



YEARS	1989-92, KATANA 1988-93
STROKE	59MM
RING GROOVES	1.0, 1.2, 2.8
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS,BUTTONS, AND HEAD GASKET
WRIST PIN SIZE	20MM
VALVE SIZE	29.5MM IN 26MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1127CC	78MM	Drop in	ROAD	12.0:1	MTC-R1127
Std. Bore	3.070 In		DRAG	13.5:1	MTC-R1127H
			TURBO	10.0:1	MTC-R1127T
1185CC	80MM	Cylinder boring	ROAD	12.0:1	MTC-R1185
2mm oversize	3.149 In		DRAG	13.5:1	MTC-R1185T
			TURBO	10.0:1	MTC-R1185H
1216CC	81MM	Cylinder boring	ROAD	12.0:1	MTC-R1216
3mm oversize	3.189 In		DRAG	13.5:1	MTC-R1216T
			TURBO	10.0:1	MTC-R1216H
1246CC	82MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1246
4mm oversize	3.228 In		DRAG	13.5:1	MTC-R1246H
			TURBO	10.0:1	MTC-R1246T
1276CC	83MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1276
5mm oversize	3.267 In		DRAG	13.5:1	MTC-R1276H
			TURBO	10.0:1	MTC-R1276T
1307CC	84MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1307
6mm oversize	3.307 In		DRAG	13.5:1	MTC-R1307H
			TURBO	10.0:1	MTC-R1307T
1338CC	85MM	Resleeving bore crankcase	ROAD	12.0:1	MTC-R1338
7mm oversize	3.346 In		DRAG	13.5:1	MTC-R1338H
			TURBO	10.0:1	MTC-R1338T

Leslie Porterfield
Land Speed Record Holder

Suzuki Piston Kits

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MTC ENGINEERING LLC

Suzuki GSX1300R HAYABUSA

YEARS	1999-2007
STROKE	63MM
RING GROOVES	1.0, 1.0, 2.0 (81-83MM) 1.0, 1.2, 2.8 (84-86MM)
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, AND BUTTONS OR CLIPS
WRIST PIN SIZE	20MM
VALVE SIZE	34.5MM IN, 29.5MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1300CC	81MM	Drop In	STREET	13:1	MTC-RH1300HFT
Std. Bore	3.188 in.		TURBO	10.5:1	MTC-RH1300T
		+Requires .060 spacer, Turbo/Nitrous	TALL DECK	13:1	MTC-RH1300-TD
1363CC	83MM	Bore block & replate	STREET	13:1	MTC-RH1363
2mm oversize	3.267 in.		DRAG	14.7:1	MTC-RH1363H
			TURBO	10.5:1	MTC-RH1363T
		+Requires .060 spacer, Turbo/Nitrous	TALL DECK	13:1	MTC-RH1363-TD
1363CC PRO LITE	83MM	Bore block & replate	STREET	13:1	MTC-4VPL-83HFT
2mm oversize	3.267 in.		DRAG	14.7:1	MTC-4VPL-83H
1394CC	84MM	Bore block & replate	STREET	13:1	MTC-RH1394
3mm oversize	3.307 in.		DRAG	14.7:1	MTC-RH1394H
1394CC PRO LITE	84MM	Bore block & replate	STREET	13:1	MTC-4VPL-84HFT
3mm oversize	3.307 in.		DRAG	14.7:1	MTC-4VPL-84H
1429CC	85MM	Bore block & replate	STREET	13:1	MTC-RH1429
4mm oversize	3.346 in.		DRAG	14.7:1	MTC-RH1429H
1429CC PRO LITE	85MM	Bore block & replate	STREET	13:1	MTC-4VPL-85HFT
4mm oversize	3.346 in.		DRAG	14.7:1	MTC-4VPL-85H
1463CC PRO LITE	86MM	Bore block & replate	STREET	13:1	MTC-4VPL-86HFT
5mm oversize	3.386 in.		DRAG	14.7:1	MTC-4VPL-86H

YEARS	2008-Present
STROKE	65MM
RING GROOVES	1.0, 1.0, 2.0 (81-83MM) 1.0, 1.2, 2.8 (84-86MM)
KIT CONTAINS	4 PISTONS, RINGS, WRIST PINS, AND CLIPS
WRIST PIN SIZE	18MM
VALVE SIZE	34.5MM IN, 29.5MM EX (POCKET 1MM LARGER)

Displacement	Bore Size	Installation Requirements	Usage	Comp Ratio	Part Number
1340CC	81MM	Drop In	STREET	13:1	MTC-RH08-1340
Std. Bore	3.188 in.		TURBO	10.5:1	MTC-RH08-1340T
		+Requires OEM Base Gasket plus .060 Spacer Plate	TALL DECK	13:1	MTC-RH08-1340-TD
1407CC	83MM	Bore block & replate	STREET	13:1	MTC-RH08-1407
2mm oversize	3.267 In		DRAG	14.7:1	MTC-RH08-1407H
			TURBO	10.5:1	MTC-RH08-1407T
		+Requires OEM Base Gasket plus .060 Spacer Plate	TALL DECK	13:1	MTC-RH08-1407-TD
1441CC	84MM	Bore block & replate	STREET	13:1	MTC-RH08-1441
3mm oversize	3.307 In		DRAG	14.7:1	MTC-RH08-1441H