

GSX/GSXR oil cooled standard

type		Main jets		Main air jet	Jet needle clip position	Needle jet	Pilot Jet
		1&4	2&3				
GSX600F(Katana in US)							
1988-89 US							
California	BST31SS	137.5	135	1.0mm	4CZ-5-1	P-8	37.5
Rest of US	BST31SS	137.5	135	1.0mm	4CZ-4-1	P-8	32.5
1988 UK	BST31SS	137.5	135	1.0mm	4CZ-3-3	P-9	40
1989 UK	BST31SS	137.5	135	1.0mm	4CZ-3-3	P-9	40
1990on US							
California	BST33SS	112.5		0.5mm	5F105	P-2	32.5
Rest of US	BST33SS	112.5		0.5mm	5F104	P-2	32.5
1990on UK	BST33SS	110		0.5mm	5FZ 102-3	P-3	32.5
GSXR750							
1986 US	BST31SS	117.5		1.7mm	4C71	P-8	32.5
1987 US	BST34SS	112.5		1.8mm	4C09-1	O-6	35
85/87 UK	VN29SS	97.5		0.5mm	6DP-2-3	P-5	32.5
88/89							
California	BST36SS	112.5		0.5mm	5FZ91	Y-5	32.5
Rest of US	BST36SS	112.5		0.5mm	5FZ91	Y-5	32.5
UK	BST36SS	112.5		0.5mm	5FZ89-3	Y-5	37.5
1990 on							
California	BST36SS	112.5		0.5mm	5FZ91	Y-5	37.5
Rest of US	BST38SS	127.5		1&4 0.9mm,2&3 1.2mm	5ZDZ3	O-8	37.5
UK	BST38SS	117.5		0.0mm	6ZD7-3	Y-5	32.5
GSX750F(Katana in US)							
		cy1,2,4	Cyl 3				
California	BST36SS	105	110	0.5mm	5EZ63	Y-1	32.5
Rest of US	BST36SS	105		0.5mm	5EZ62	Y-1	32.5
UK	BST36SS	105		0.5mm	5EZ61-3	Y-2	37.5
GSXR1100 1986/88							
California	BST34SS	130		0.6mm	5D29	P2	32.5
Rest of US	BST34SS	130		0.6mm	5D29	P2	32.5
UK	BST34SS	130		0.6mm	4D13-3	O-9	42.5
GSXR1100 89 on US							
California	BST36SS	122.5		1.5mm	5D43	O-8	30
Rest of US	BST36SS	122.5		1.5mm	5D42	O-8	30
GSXR1100 UK							
89/90	BST36SS	122.5		1.5mm	5E60-3	O-8	40
91 on	BST40SS	125		1.2mm	6ZD13-3	P-2	40

GSX1100F(katana in US)

California	BST34SS	112.5	110	0.6mm	5DL16	P-0	42.5
Rest of US	BST34SS	112.5	110	0.6mm	5DL11	P-2	32.5
UK	BST34SS	112.5	110	0.6mm	5DL7-3	P-0	42.5

carburettor settings.

Pilot air jet	Pilot screw	starter jet	float height
155	PRE	45	14.6+/-1mm
150	SET	45	14.6+/-1mm
160	1 7/8 turn out	45	14.6+/-1mm
160	Pre Set	45	14.6+/-1mm
1.45mm	PRE	35	14.6+/-1mm
1.55mm	SET	35	14.6+/-1mm
1.3mm	1 1/2 turns out	35	14.6+/-1mm
160	preset	40	14.6+/-1mm
145	preset	45	14.6+/-1mm
1.6mm	prteset(1/2 turn out)	42.5	14.2 +/-1mm
1.45mm	preset	45	14.6+/-1mm
1.55mm	preset	45	14.6+/-1mm
1.40mm	prteset(1/2 turn out)	45	14.6+/-1mm
All			
1990 1.2mm	preset	45	14.6+/-1mm
1991 no spec	preset	40	14.7+/-1mm
	preset,1 1/8 turn out	40	14.7+/-1mm
89/90,1.25mm,91 on 1.2mm	preset	37.5	14.6+/-1mm
1.35mm	preset	37.5	14.6+/-1mm
1.3mm	preset,1 5/8 turn out	37.5	14.6+/-1mm
135	preset	42.5	14.6+/-1mm
135	preset	42.5	14.6+/-1mm
150	preset 2 turns out	42.5	14.6+/-1mm
1.35mm	preset	89/90 45	14.6+/-1mm
1.2mm	preset	91 on 42.5	14.6+/-1mm
91 On no spec	preset		
1.4mm	preset 2 turns out	45	14.6+/-1mm
no spec	preset 2 turns out	40	14.7+/-1mm

155	preset	42.5	14.6+/-1mm
135	preset	42.5	14.6+/-1mm
150	88/90 UK 2 7/16 out 91 0n UK 2 1/2 out	42.5	14.6+/-1mm