



SUZUKI (2-Stroke) Service Bulletin

Subject: 1977 GENERAL & CARBURETOR
SPECIFICATIONS
(Updated Jan. 14, 1977)

Bulletin No: SPECIFICATION-12

Date: AUGUST 27, 1976

Read and Initial

Manager: _____

Parts: _____

Service: _____

UPDATED

GENERAL:

This bulletin is issued to provide you with service specifications for the 1977 models.

MODEL	IGN. TIMING B. T. D. C.	SPARK PLUG NGK (ND)	TRANS OIL CAP. (cc)	FRONT FORK CAP. (cc)	PISTON & CYL. STANDARD MM (IN)	CLEARANCE PT. TO BE MEASURED MM (IN)
TS75B	1.56mm (20°)	B7HS (W22FS)	700	110	0.050-0.060 (0.0020-0.0024)	23 (.91)
RM80B	16° @ 10,000 RPM 1.03 mm	B7ES (W22ES)	650	126	0.060-0.070 (0.0024-0.0028)	18 (.71)
RV90B	2.04mm (22°)	BP6HS (W20FP)	700	98	0.065-0.075 (0.0026-0.0030)	22 (.87)
A100B	1.86mm (20°)	BP7HS **BP6HS	650	138	0.045-0.055 (0.0018-0.0022)	*21 (0.83)
RM100B	PEI *7° @ 11,000rpm 0.17mm	B9EV	*800	125	*0.060-0.077 (0.0024-0.0033)	*18 (0.75)
TC/TS 100B	1.96mm (20°)	B8HS (W24FS)	700	*119	0.040-0.050 (0.0016-0.0020)	20 (0.79)
RM125B	PEI 17° @ 10,000 2.80mm	B9EV	800	264 ***156	0.060-0.070 (0.0024-0.0028)	18 (0.75)
RV125B	2.41mm (22°)	B7HS (W22FS)	550	125	0.045-0.055 (0.0018-0.0022)	23 (0.91)
TC/TS 125B	2.26mm (22°)	B8HS (W24FS)	550	122	0.045-0.055 (0.0018-0.0022)	23 (0.91)
ST185B	2.62mm (24°)	B7HS (W22FS)	800	130	0.040-0.050 (0.0016-0.0020)	20 (0.79)

*DENOTES CHANGE FROM LAST YEAR'S SPECIFICATIONS.

**AFTER ENGINE NUMBER: A100-351919

***OIL LEVEL MEASURE IN MM (REF: SERVICE BULLETIN RM-31)

(cont.)



UPDATED

(Updated Jan. 14, 1977)

GENERAL: (CONT.)

MODEL	IGN. TIMING B. T. D. C.	SPARK PLUG NGK (ND)	TRANS OIL CAP. (cc)	FRONT FORK CAP. (cc)	PISTON & CYL. CLEARANCE	
					STANDARD MM (IN)	PT. TO BE MEASURED MM (IN)
TC185B	3.07mm (24°)	B7HS (W22FS)	750	122	0.045-0.055 (0.0018-0.0022)	26 (1.02)
TS185B	PEI 20° @ 6,000 RPM 2.18mm	B7HS (W22FS)	700	127	0.045-0.055 (0.0018-0.0022)	26 (1.02)
GT250B	2.05mm (20°)	B9ES (W27ES)	1300	145	0.040-0.050 (0.0016-0.0020)	26 (1.02)
PE250B	PEI 23° @ 6000 RPM 3.25mm	B8EV	900	243	0.060-0.070 (0.0024-0.0028)	22 (0.87)
PM250B	PEI 9° @ 8000 RPM 3.62mm	B9EV	900	247	0.060-0.070 (0.0024-0.0028)	*22 (0.87)
TS250B	*PEI 3.47mm 24° @3000 rpm	B8ES (W24ES)	850	*217	*0.060-0.070 (0.0024-0.0028)	26 (1.02)
RM370B	*PEI 9° @ 8000 RPM 4.14 mm	B9EV	1000	247	*0.090-0.100 (0.0035-0.0040)	27 (1.06)
GT380B	R, L: 2.09mm C: 2.05 (20°)	B8ES (W24ES)	1500	145	0.040-0.050 (0.0016-0.0020)	26 (1.02)
TS400B	PEI 22° @3000 rpm	B6ES (W20ES)	1200	177	0.100-0.110 (0.0040-0.0043)	44.5 (1.75)
GT500B	PEI 24°	B7HS (W22FS)	1400	*266	0.065-0.075 (0.0026-0.0030)	32 (1.26)
GT550B	3.37mm (24°)	B8ES (W24ES)	1500	160	0.040-0.050 (0.0016-0.0020)	26 (1.02)
GT750B	R, L, : 3.63mm C: 3.42mm (24°)	B8ES (W24ES)	2200	160	0.045-0.055 (0.0018-0.0022)	32 (1.26)

*: DENOTES CHANGE FROM LAST YEARS SPECIFICATIONS.

NOTE: THE POINT TO BE MEASURED COLUMN REFERS TO THE DISTANCE FROM THE BOTTOM OF THE PISTON SKIRT AT A 90 DEGREE ANGLE TO THE PISTON PIN HOLE. SEE SERVICE BULLETIN NUMBER SPECIFICATION - 1 FOR MORE INFORMATION.

(cont.)

UPDATED
(Updated Mar. 11, 1977)

CARBURETION:

MODEL	BORE SIZE	MAIN JET	NEEDLE JET	JET NEEDLE	CUT-AWAY	PILOT JET	AIR SCREW	FLOAT LEVEL (MM)
TS75B	16mm	77.5	E-3	3E3-3	2.0	22.5	1 1/2	A: 22.5
RM80B	24mm	105	0-2	4DH7-3	3.0	40	1 1/2	A: 21.1
RV90B	17mm	250	E-6	4I2-3	3.0	17.5	1 1/2	A: 22.5
A100B	20mm	75	E-0	5ES1-2	2.5	35	1 1/2	A: 25.1
RM100B	*30mm	*200	*R-2	*5DP11-3	2.5	*30	1 1/2	A: 31.75
TC/TS 100B	19mm	TC:200 TS:190	E-4	5D3-3	2.0	22.5	1 1/2	A: 25.1
RM125B	32mm	230	R-0	6DP5-3	2.0	30	1 1/2	A: 32.0
RV125B	22mm	105	P-3	4F10-3	3.0	20	1 3/4	A: 25.8
TC/TS 125B	24mm	85	0-0	4DH7-3	3.0	25	1 1/4	B: 6.9
GT185B	20mm	72.5	N-4	4D17-3	2.0	20	1.0	A: 19.9
TC185B	24mm	130	0-4	5DP28-3	1.5	17.5	1 1/2	B: 6.9
FS185B	26mm	125	P-3	5E116-3	2.0	22.5	1 1/2	A: 23.0

(cont.)

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MODEL	BORE SIZE	MAIN JET	NEEDLE JET	JET NEEDLE	CUT-AWAY	PILOT JET	AIR SCREW	FLOAT LEVEL (MM)
GT250B	28mm	95	0-0	5CN3-3	2.5	30	1 1/2	B: 13.6
PE250B	36mm	260	Q-0	6DH3-2	2.5	40	1 1/2	B: 13.9
RM250B	36mm	300	*R-2	*6FJ6-3	1.5	*50	1 1/2	B: 13.9
TS250B	28mm	*140	*0-9 ① P-1	*5CN3-3	2.5	30 ① 27.5	1 1/2	B: 16.4
RM370B	36mm	*300	*R-2	6FJ6-3	1.5	50	1 1/2	B: 13.9
GT380B	24mm	80	0-2	4DH7-2	3.0	25	1 1/4	A: 25.75
TS400B	32mm	122.5	P-1	5F22-3	2.5	27.5	*1 1/2	A: 26.95
GT500B	32mm	97.5	P-4	5FP17-3	2.5	30	1 1/2	A: *27.3
GT550B	28mm	R, L: 97.5 C: 95.0	P-0	5DH21-4	2.5	25	1 1/2	A: 25.75
GT750B	40mm	R, L: 110 C: 107.5	Z-0	4DN18-4	0.5	45	3/4 (Fuel-Air)	A: 27.6

A: MEASUREMENT FROM GASKET SURFACE TO TOP OF FLOATS.
 B: MEASUREMENT FROM NEEDLE JET BASE TO FLOAT TONGUE.
 *: DENOTES CHANGE FROM LAST YEARS SPECIFICATIONS.

① : P-1 N.J. and 27.5 P.J. as of Engine Number
 TS250-13467

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 TECHNICAL SERVICE DEPARTMENT