



SUZUKI

2-Stroke

Service Bulletin

Bulletin No: SPECIFICATION-8

Date: Oct. 31, 1975

Read and Initial

Manager _____

Parts _____

Service _____

Subject: 1976 GENERAL AND CARBURETOR
SPECIFICATIONS

(Updated February 27, 1976)

This bulletin is issued to provide you with service specifications for the 1976 models.

UPDATED

GENERAL:

MODEL	IGN. TIMING B. T. D. C.	SPARK PLUG NGK (ND)	TRANS. OIL CAP. (cc)	FRONT FORK CAP. (cc)	PISTON & CYLINDER CLEARANCE	
					STANDARD MM (IN)	PT. TO BE MEASURED MM (IN)
TS/TM75A	1.56mm (20°)	B-7HS (W22FS)	700	TS:110 TM:100	0.050-0.060 (0.0020-0.0024)	23 (0.91)
A100A	1.86mm (20°)	BP-7HS (W22FP)	650	140	0.045-0.055 (0.0018-0.0022)	21 (0.83)
TC/TS100A	*1.96mm(20°)	B-8HS (W24FS)	700	125	0.040-0.050 (0.0016-0.0020)	20 (0.79)
RM100A	PEI 22° @6000rpm	B-9EV	550	125	*0.050-0.060 (0.0020-0.0024)	19 (0.75)
TC/TS125A	*2.26mm(22°)	*B-8HS (W24FS)	550	125	*0.045-0.055 (0.0018-0.0022)	23 (0.91)
RM125A	PEI 28° @6000rpm	B-9EV	*800	*223	0.060-0.070 (0.0024-0.0028)	18 (0.71)
GT185A	2.62mm (24°)	B-7HS (W22FS)	800	130	0.040-0.050 (0.0016-0.0020)	20 (0.79)
TC185A	3.07mm (24°)	B-7HS (W22FS)	750	125	*0.045-0.055 (0.0018-0.0022)	26 (1.02)
TS185A	PEI 24° @6000rpm	B-7HS (W22FS)	550	125	*0.045-0.055 (0.0018-0.0022)	26 (1.02)
GT250A	*2.05mm (20°)	① B-8ES (W24ES)	1300	145	0.040-0.050 (0.0016-0.0020)	26 (1.02)

1. B-9ES (W27ES) on and after Engine Number: GT250-86479

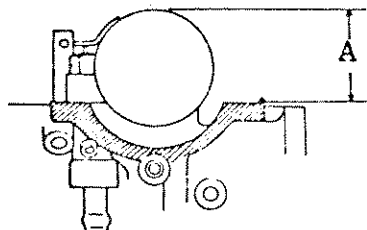
*DENOTES CHANGE FROM LAST YEARS SPECIFICATION

MODEL	IGN. TIMING B. T. D. C.	SPARK PLUG NGK (ND)	TRANS. OIL CAP. (cc)	FRONT FORK CAP. (cc)	PISTON & CYLINDER CLEARANCE	
					STANDARD MM (IN)	PT. TO BE MEAS- URED MM (IN)
RM250A	PEI 23° @ 6000rpm	B-9EV	900	245	0.060-0.070 (0.0024-0.0028)	26 (1.02)
TS250A	PEI 24.5° @ 6000rpm	B-8ES (W24ES)	850	180	*0.050-0.060 (0.0020-0.0024)	26 (1.02)
RM370A	PEI 23° @ 6000rpm	B-9EV	1000	245	0.070-0.080 (.0028-.0031)	*27 (1.06)
GT380A	*R, L2.09mm *C2.05mm(20°)	B-8ES (W24ES)	1500	145	0.040-0.050 (0.0016-0.0020)	26 (1.02)
TS400A	PEI 22° @ 3000rpm	B-6ES	1200	180	*0.100-0.111 (.0039-.0044)	44.5 (1.75)
GT500A	PEI (24°)	B-7HS (W22FS)	1400	265	0.065-0.075 (0.0026-0.0030)	32 (1.26)
GT550A	3.37mm (24°)	B-8ES (W24ES)	1500	160	0.040-0.050 (0.0016-0.0020)	26 (1.02)
GT750A	*R, L3.63mm C3.42mm(24°)	B-8ES (W24ES)	2200	160	0.045-0.055 (0.0018-0.0022)	32 (1.26)

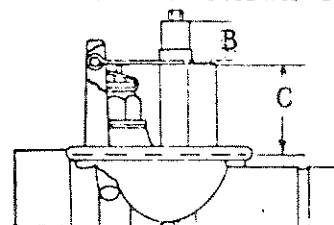
*DENOTES CHANGE FROM LAST YEARS SPECIFICATIONS

CARBURETION:

Carburetor float levels listed should be measured as shown below:



A: Distance between float bowl fitting surface, and top of float



B: Distance between float bowl fitting surface and float tongue.

C: Distance between float tongue and needle jet base.

MODEL	BORE SIZE	MAIN JET	NEEDLE JET	JET NEEDLE	CUT-AWAY	PILOT JET	AIR SCREW	FLOAT LEVEL (mm)
TS/TM75A	16mm	TS: 77.5 TM:*82.5	TS: E-3 TM:*E-2	3E3-3	2.0	22.5	1½	A:22.5
A100A	20mm	75	E-0	5ES1-2	2.5	35	1½	A:25.1
RM100A	28mm	160	0-8	5DP7-4	2.5	35	1½	A:25.0
TC/TS100A	19mm	TC: (1) 210 TS: (2) 200	E-4	5D3-3	2.0	22.5	1½	A:25.1
TC/TS125A	24mm	*85	0-0	4DH7-3	3.0	25	1½	C:6.9
RM125A	*32mm	*280	(5) R-0 R-3	*6DP5-3	2.5	*30	1½	*A:31.7
GT185A	20mm	72.5	N-4	4DI7-3	2.0	20	1¼	A:19.9
TC185A	24mm	130	0-4	5DP28-3	1.5	17.5	1½	C:6.9
TS185A	*26mm	*130	*0-9	*5EI16-3	*2.0	*25	1½	A:23.0
GT250A	*28mm	* (6) 95	* (6) 0-0	5CN3-3	2.5	*30	1½	*C:13.6
RM250A	36mm	(3) 310 300	(3) Q-0 Q-4	6FJ6-4	1.5	45	1½	C:13.9
TS250A	28mm	*160	0-4	5CN3-2	2.5	*30	*1½	C:16.4
RM370A	36mm	(4) 340 310	(4) Q-0 Q-4	6FJ6-3	1.5	50	1½	C:13.9
GT380A	24mm	80	0-2	4DH7-2	3.0	25	1½	A:25.8

*DENOTES CHANGE FROM LAST YEARS SPECIFICATION.

- 200 M.J. as of Engine Number: TC100-46712
- 190 M.J. as of Engine Number: TS100-61821
- 190 M.J. as of Engine Number: RM250-13834
- 190 M.J. as of Engine Number: RM370-13128
- R-3 N.J. as of Engine Number: RM125-36597
- As of Engine Number GT250-87498

(cont.)

REVISED

(REVISED: April 30, 1976)

MODEL	BORE SIZE	MAIN JET	NEEDLE JET	JET NEEDLE	CUT-AWAY	PILOT JET	AIR SCREW	FLOAT LEVEL (MM)
TS400A	32mm	122.5	P-1	5F22-3	2.5	27.5	1.0	*A:27.0
GT500A	32mm	97.5	P-4	5FP17-3	2.5	30	1½	A:25.8
GT550A	28mm	R&L:97.5 C:95	P-0	5DH21-4	2.5	25	1½	A:25.8
GT750A	32mm	R&L:110 C:107.5	Z-0	4DN18-*4	(Throttle Valve) 110 -0.5-	45	¾ (Fuel-Air)	A:27.6

- A: Measurement from gasket surface to top of floats.
- B: Measurement from gasket surface to float tongue.
- C: Measurement from needle jet base to float tongue.

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