

# SUZUKI (2-Stroke) Service Bulletin

Subject: 1978 DS80/100/185 GENERAL AND  
CARBURETOR SPECIFICATIONS

Bulletin No: Specification-13

Date: April 29, 1977

Read and Initial

Manager: \_\_\_\_\_

Parts: \_\_\_\_\_

Service: \_\_\_\_\_

### GENERAL:

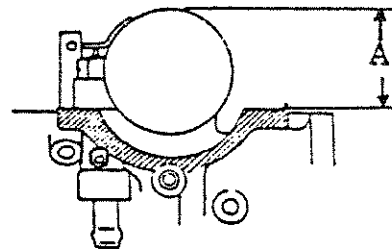
MODEL	IGN. TIMING B.T.D.C.	SPARK PLUG NGK (ND)	TRANS. OIL CAP. (CC)	FRONT FORK CAP. (CC)	PISTON & CYLINDER CLEARANCE	
					STANDARD MM (IN)	PT. TO BE MEASURED MM (IN)
DS80C	23° (2.12mm)	B7ES (W22ES)	650	75	0.04-0.05 (0.0016-0.0020)	18 (0.71)
DS100C	20° (1.90mm)	B8ES (W24ES)	800	73	0.04-0.05 (0.0016-0.0020)	23 (0.91)
DS185C	PEI 20° @ 6000 RPM (1.95mm)	B7HS (W22FS)	700	126	0.045-0.055 (0.0018-0.0022)	26 (1.02)

### CARBURETION:

MODEL	CARB. I.D. #	BORE SIZE MM	MAIN JET	NEEDLE JET	JET NEEDLE	CUT AWAY	PILOT JET	AIR SCREW	FLOAT LEVEL MM
DS80C	46410	20	65	0-4	4F22-4	1.5	22.5	1 1/2	A:21
DS100C	48110	24	90	N-6	4DH7-3	1.5	27.5	1 1/4	A:25.8
DS185C	29311	26	125	P-3	5EI16-3	2.0	22.5	1 1/2	A:23

U.S. SUZUKI  
TECHNICAL SERVICE DEPARTMENT

FLOAT LEVEL  
MEASUREMENT  
METHOD



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