

SUZUKI DT50, DT60 AND DT65

(Prior to 1985)

CONDENSED SERVICE DATA

NOTE: Metric fasteners are used throughout outboard motor.

TUNE-UP

Hp/rpm:	
DT50	50/4800-5500
DT60	60/4800-5500
DT65	65/4800-5500

Bore:	
DT50 (Prior to 1984)	80 mm (3.15 in.)
DT50 (1984), DT60 & DT65	84 mm (3.31 in.)
Stroke	72 mm (2.83 in.)

Number of Cylinders	2
Displacement:	
DT50 (Prior to 1984)	723 cc (44.12 cu. in.)
DT50 (1984), DT60 & DT65	798 cc (48.69 cu. in.)

Spark Plug:	
NGK	B8HS*
Electrode Gap	0.8-0.9 mm (0.031-0.035 in.)

Ignition Type

Carburetor:	
Make	Mikuni
Model	B40-32

Fuel:Oil Ratio

*1984 DT50 models use NGK B8HS-10 spark plugs with an electrode gap of 1 mm (0.040 in.).

†1984 DT50 and 1983 and 1984 DT60 models are equipped with oil injection.

SIZES - CLEARANCES

Piston Ring End Gap	0.2-0.4 mm (0.008-0.016 in.)
Piston Pin Diameter	19.995-20.000 mm (0.7872-0.7874 in.)

Piston to Cylinder Wall Clearance:	
DT50 (Prior to 1984)	0.097-0.112 mm (0.0038-0.0044 in.)
DT50 (1984), DT60 & DT65	0.112-0.127 mm (0.0044-0.0050 in.)

Max. Crankshaft Runout at Main Bearing Journal	0.05 mm (0.002 in.)
--	------------------------

Max. Connecting Rod Small End Side Shake	5.0 mm (0.20 in.)
--	----------------------

TIGHTENING TORQUES

Cylinder Head:	
6 mm	8-12 N·m (6-9 ft.-lbs.)
10 mm	40-60 N·m† (29-44 ft.-lbs.)
Crankcase	40-60 N·m† (29-44 ft.-lbs.)
Exhaust Cover	8-12 N·m (6-9 ft.-lbs.)
Flywheel Nut	200-210 N·m (145-152 ft.-lbs.)
Gearcase Pinion Nut	30-40 N·m (22-29 ft.-lbs.)
Propeller Shaft Nut	50-60 N·m (36-44 ft.-lbs.)

Standard Screws:	
Unmarked or Marked "4"	
5 mm	2-4 N·m (2-3 ft.-lbs.)
6 mm	4-7 N·m (3-5 ft.-lbs.)
8 mm	10-16 N·m (7-12 ft.-lbs.)
10 mm	22-35 N·m (16-26 ft.-lbs.)

Stainless Steel	
5 mm	2-4 N·m (2-3 ft.-lbs.)
6 mm	6-10 N·m (5-7 ft.-lbs.)
8 mm	15-20 N·m (11-15 ft.-lbs.)
10 mm	34-41 N·m (25-30 ft.-lbs.)

Marked "7" or SAE Grade 5	
5 mm	3-6 N·m (2-5 ft.-lbs.)
6 mm	8-12 N·m (6-9 ft.-lbs.)
8 mm	18-28 N·m (13-20 ft.-lbs.)
10 mm	40-60 N·m (29-44 ft.-lbs.)

†Torque values should be 46-54 N·m (34-39 ft.-lbs.) on DT50 (1984) and DT60 models.