

Maintenance data TT600 models

kindly provided by Fa. MIGA-Tech

Model Year		2002	1996	1996	1986	1984
Model Designation		TT600R	TT600E	TT600S	TT600T	TT600N
Model Code		DJ011	4LW	4LW	59X	59X
Rated power // max.Drehmoment	KW / Nm / 1 / min.	31.5 / 6500 // 50.5 / 5000	30/6500 // 48/5250	30/6500 // 48/5250		
Hub bore x / Displacement	mm / cc	84.0 x 95.0 / 595	84.0 x 95.0 / 595	84.0 x 95.0 / 595	84.0 x 95.0 / 595	84.0 x 95.0 / 595
Compression ratio		8.5: 1	8.5: 1	8.5: 1	8.5: 1	8.5: 1
Piston mounting clearance / measuring point v. Piston lower edge	mm	0.045 to 0.065 / 5	0.045 to 0.065 / 5	0.045 to 0.065 / 5	0.045 to 0.065 / 5	0.045 to 0.065 / 5
Piston ring stop play 1. / 2. Ring	mm	0.15-0.30 / 0.30-0.45	0.30-0.45 / 0.30-0.45	0.30-0.45 / 0.30-0.45	0.30-0.45 / 0.30-0.45	0.30-0.45 / 0.30-0.45
Kolbenringnutenspiel 1. / 2. Ring	mm	0.03-0.07 / 0.03-0.07	0.04-0.08 / 0.03-0.07	0.04-0.08 / 0.03-0.07	0.04-0.08 / 0.03-0.07	0.04-0.08 / 0.03-0.07
Valve clearance cold, inlet / outlet	mm	0.05-0.10 / 0.12 to 0.17	0.05-0.10 / 0.12 to 0.17	0.07-0.12 / 0.12 to 0.17	0.05-0.10 / 0.12 to 0.17	0.05-0.10 / 0.12 to 0.17
Carburetor:						
Carburetor Type / labeling		Teikei Y30PV-2ATK / 5CH 00	Teikei Y26PV-2M / 4GV00	Teikei Y26PV-2M / 4GV00	Teikei Y27PVx1 / 55U 00	Teikei Y27PVx1 / 55U 00
Main Jet Left / Right		158/130	145/110	145/110	135/135	135/135
Nozzle needle / Clip-position left		5C5A / 3 System. Notch v. Top	5D98 / 3 System. Notch v. Top	5D98 / 3 System. Notch v. Top	5C3B / 3 System. Notch v. Top	5C3B / 3 System. Notch v. Top
Nozzle needle / Clip-position right		5Y18 / 3 System. Notch v. Top	5Y16 / 3 System. Notch v. Top	5Y16 / 3 System. Notch v. Top	4A71 / 3 System. Notch v. Top	4A71 / 3 System. Notch v. Top
Needle Jet / pilot jet		le + ri.. 2.60 / 54	le + ri.. V00 / 48	le + ri.. V00 / 48	le + ri.. V00 / 48	le + ri.. V00 / 46
Fuel level / float height	mm	6-8 / 27-29	6-8 / 25-27	6-8 / 25-27	6-8 / 25.5 to 26.6	6-8 / 23.5 to 28.5
Idle speed	1 / min	1300+ - 150	1300+ - 100	1300+ - 100	1350+ - 50	1350+ - 50
Geschischregulierschraube	Treads	Base. 3.5 indiv SET.	Base. 2.5 indiv SET.	Base. 2.5 indiv SET.	Base. 2.5 indiv SET.	Base. 2.5 indiv SET.
Synchronization (opening point Carb. 2)	mm	-	7	7	7	7
Translations:						
Secondary reduction ratio		44/15 = 2,933	47/15 = 3,133	45/15 = 3	50/14 = 3.571	50/14 = 3.571
Chain pitch / number of links		Regina 135ORH / X-Ring / 112	Regina 135ORS-A / 112	Regina 135ORS-A / 110	DAIDO 520 VS / 111	DAIDO 520 VS / 111
Speed. The final transition / 1000 KW 1 / min / V-Max	km / h	/ 155	/ 146	/ 145		
Tires :(minimum air pressure at perm. Load)						
Tyres front / air pressure	cash	90 / 90-21 54R / 2.0	90 / 90-21 54R / 1.5	90 / 90-21 54S / 1.5	100 / 80-21-4PR / 1.0	100 / 80-21-4PR / 1.0
Rear Tyres / air pressure	cash	130 / 90-18 69R / 2.2	130 / 80-18 66R / 2.25	130 / 80-18 66R / 2.4	140 / 80-18-4PR / 1.0	140 / 80-18-4PR / 1.0
Capacities:						
Motor oil tot. / M.Filter / o. Filter	Liter	3.3 / 2.8 / 2.7	2.8 / 2.3 / 2.2	2.8 / 2.3 / 2.2	2.4 / 2.1 / 2.0	2.4 / 2.1 / 2.0
Specification Summer / Winter		20W40 / 10W40, API SE	20W40 / 10W40, API SE	20W40 / 10W40, API SE	20W40 / 10W40, API SE	20W40 / 10W40, API SE
Brake fluid specification		DOT 4	DOT 4	DOT 4	DOT3 / DOT4	DOT3 / DOT4
Fuel tank / reserve	Liter	10 / 2,1 Lead free normal	12 / 2,0 Lead free normal	12 / 2,0 Lead free normal	11 / 3,0 Lead free normal	11 / 3,0 Lead free normal
Gebel capacity / booth per Holm / Specification	Liter	615 / 160mm / Yamaha 01 (5 Series)	510mm / Yamaha 01 (5 Series)	542/110 / Yamaha 01 (5 Series)	589/140 / 10wt	589/140 / 10W30 SE
Fork air pressure std / max.	cash	-	-	-	0 / to 1.2	0 / to 1.2
Electrical system:						
Battery Type / Capacity	V / Ah	-	12/8, maintenance-free	12 / 4,0 maintenance-free	6 / 2.0	6 / 2.0
Headlamp	V / W	12 / 55/60	12 / 55/60	12 / 55/60	6/25/25	6/25/25
Tail / brake light / turn signal lamp	V / W	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21	6 / 3/10 / 8	6 / 3/10 / 8
Resistance alinatorcoil	Ohms, 20 ° C	0.61 to 0.91 (white-white)	0.52 to 0.78 (white-white)	0.72 to 1.08 (white-white)	0.1-0.3 (black-yellow / bl.)	0.1-0.3 (black-yellow / bl.)
Ignition:						
		CDI	TCI, digital	CDI	CDI	CDI
Pickup coil resistance	Ohms, 20 ° C	192-288 (gr.weiß-bl.gelb)	184-276 (gr.weiß-bl.gelb)	88-132 (schw.gelb-gr.weiß) 88-132 (schw.gelb-bl.gelb)	90-130 (green-w.rot) 90-130 (green-w.grün)	90-130 (green-w.rot) 90-130 (green-w.grün)
Resistor capacitor charging coil	Ohms, 20 ° C	-	-	112-168 (brown-red)	90-150 (brown-red)	90-150 (brown-red)
Resistance ignition prim. / Sec.	Ohms, 20 ° C	1.04 to 1.50 / 14,88-22,34K	3.4 to 4.6 / 10,4-15,6K	0.15-0.21 / 3,84-5,76K	0.325 to 0.625 / 4,8-7,2K	0.325 to 0.625 / 4,8-7,2K
Spark plug / electrode gap	mm	NGK DPR8EA-9 / 0.8-0.9	NGK DPR8EA-9 / 0.8-0.9	NGK DPR8EA-9 / 0.8-0.9	NGK DP7EA-9 / 0.8-0.9	NGK DP7EA-9 / 0.8-0.9
Ignition timing	° BTDC / 1 / min	11+ -1.5 / 1300, 34/4750	12+ -2/1350	12/1300, 35.5 / 6000	12/1200, 36/4500	12/1200, 36/4500
Tightening torques:						
Axle nut, front / rear	Nm	59/115	59/115	59/115	58/105	58/105
Axle pinch bolts forward	Nm	9	15	9	8	8
Swingarm pin	Nm				85	85
Cylinder head bolts	Nm				M8: 25, M6: 10	M8: 25, M6: 10

[Part of www.xt600.de](http://www.xt600.de)

All statements without guarantee