

Maintenance data Tenere models

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Model Year		1989	1991	1990	1988	1987	1985	1984
Model Designation		XTZ 750	XTZ 660	XT600 Z	XT600Z	XT600Z	XT600Z	XT600Z
Model Code		3LD	3YF	3AJ	3AJ	1VJ	55W	34L
Rated power // max.Drehmoment	KW / Nm / 1 / min.			34/6500 // 51/6000	34/6500 // 51/6000	34/6500 // 51/5500	32/6500 // 49; 5/5500	32/6500 // 49; 5/5500
Hub bore x / Displacement	mm / cc	63.0 x 87.0 / 749		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		9.5: 1		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	0.065 to 0.085 / 4.7		0.045 to 0.065 / 5	0.045 to 0.065 / 5	0.045 to 0.065 / 5	0.045 to 0.065 / 6	0.045 to 0.065 / 6
Piston ring stop play 1. / 2. Ring	mm	0.3-0.5		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 / 0.02-0.06		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	0.04-0.08 / 0.03-0.07
Valve clearance cold, inlet / outlet	mm	0.10-0.15 / 0.25-0.30	0.10-0.15 / 0.15-0.20	0.07-0.12 / 0.12 to 0.17	0.07-0.12 / 0.12 to 0.17	0.07-0.12 / 0.12 to 0.17	0.07-0.12 / 0.12 to 0.17	0.07-0.12 / 0.12 to 0.17
Carburetor:								
Carburetor Type / labeling		Mikuni BDST 38x2 / 00 3LD		Teikei Y27PV / 3AJ 01	Teikei Y27PV / 3AJ 01	Mikuni Y27PV / 1VJ	Teikei Y27PV / 43F00	Teikei Y27PV / 34L00
Main Jet Left / Right		142.5 (# 140: CH)		160/118	165/125	145/125	130/130	125/125
Nozzle needle / Clip-position left		5C19 / 3 System. Notch v. Top		5C44 / 3 System. Notch v. Top	5C48 / 3 System. Notch v. Top	5C41 / 3 System. Notch v. Top	5C37 / 3 System. Notch v. Top	5C36 / 3 System. Notch v. Top
Nozzle needle / Clip-position right		5C20 / 3 System. (CH)		5X7A / 3 System. Notch v. Top	5X76 / 3 System. Notch v. Top	5X72 / 3 System. Notch v. Top	4A71 / . 4 Notch v. Top	4A70 / 3 System. Notch v. Top
Needle Jet / pilot jet		Y-4 (611) / 42.5 (# 35: CH)		li.: 0-0, re.: 0-0 / 46	li.: 0-0, re.: 0-0 / 48	li.: 0-0, re.: 0-0 / 46	V00 / 00/46	V00 / 00/48
Fuel level / float height	mm	/ 5.1 / 6.1		6-8 / 25-27	6-8 / 25-27	6-8 / 25-27	6-8 / 25-27	6-8 / 25-27
Idle speed	1 / min	1150+ -50		1300+ - 50	1300+ - 50	1300+ - 50	1300+ - 50	1300+ - 50
Geschischregulierschraube	Treads	Base. 2 indiv SET		Base: 1 5/8 indiv SET.	Base: 1 5/8 indiv SET.	Base: 2 1/2 indiv SET	Base: 2 1/2 indiv SET	-
Synchronization (opening point Carb. 2)	mm	-		7	7	7	5	5
Translations:								
Secondary reduction ratio		46/16 = 2.875		45/15 = 3.0	40/15 = 3.0	40/15 = 2.667	40/15 = 2.667	39/15 = 2.6
Chain pitch / number of links		DAIDO 520VL2 / 112		DAIDO 520 V6 / 106	DAIDO 520 V6 / 104	DAIDO 520 VS / 102	DAIDO 520VS / 102	DID 520VC / 102
Speed. The final transition / 1000 KW 1 / min / V-Max	km / h			23.27 / 160	23.27 / 160	23.68 / 163	23.68 / -	
Tires :(minimum air pressure at perm. Load)								
Tyres front / air pressure	cash	90 / 90-21 54H / 2.2		3,00S21-4PR / 1.8	3,00S21-4PR / 1.8	3,00S21-4PR / 1.5	3.00-21 48R od. 3.00S21 / 1.8	3.00-21 48R od. 3.00S21 / 1.8
Rear Tyres / air pressure	cash	140 / 80-17 69H / 2.5		4,60S18-4PR od. 120 / 80-18 62P / 2.5	4,60S18-4PR od. 120 / 80-18 62P / 2.5	4,60S18 4PR od. 4,00S18 4PR / 2.2	4.00 to 18 64R od. 4,60S18 / 2.3	4.00 to 18 64R od. 4,60S18 / 2.3
Capacities:								
Motor oil tot. / M.Filter / o. Filter	Liter	4.4 / 4.1 / 4.0	/ 2.7 / 2.5	2.7 / 2.3 / 2.3	2.4 / 2.0 / 1.9	2.4 / 2.0 / 1.9	2.4 / 2.0 / 1.9	2.4 / 2.0 / 1.9
Specification Summer / Winter		20W40 / 10W30	20W40 / 10W30	20W40 / 10W40	20W40 / 10W40	20W40 / 10W40	20W40 / 10W30	20W40 / 10W30
Brake fluid specification		DOT 4	DOT 4	DOT 4	DOT 4	DOT 4	DOT 3 / DOT 4	DOT 3 / DOT 4
Fuel tank / reserve	Liter	26 / 5.0		23 / 3,1 Lead free normal	23 / 3,1 Lead free normal	23 / 3,1 Lead free normal	30.0 / - lead free Normal	30.0 / - lead free Normal
Gebel capacity / booth per Holm / Specification	Liter	669 / 180mm, SAE 15W	699 / 160mm, SAE 7.5	517, SAE 10W	517, SAE 10W	507, SAE 10W	507, SAE 10W30SE	487, SAE 10W30SE
Fork air pressure std / max.	cash	-	-	0 / to 1.2	0 / to 1.2	0.4 / to 1.2	0 / to 1.0	0.4 / to 1.0
Electrical system:								
Battery Type / Capacity	V / Ah	12 / 14.0	12 / 8,0 maintenance-free	12 / 12.0	12 / 12.0	12 / 12.0	12 / 4.0	12 / 5.0
Headlamp	V / W	12 / 1x55, 1x60	12 / 55/60	12/1 x 55 / 60.1 x 55	12/1 x 55 / 60.1 x 55	12 / 55/60	12 / 55/60	12 / 55/60
Tail / brake light / turn signal lamp	V / W	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21	12 / 5/21 / 21
Resistance altinatorcoil	Ohms, 20 ° C	0.2-0.3 (White- White)		0.72 to 1.08 (white- white)	0.72 to 1.08 (white- white)	0.72 to 1.08 (white- white)	0.2-0.6 (White- White)	0.2-0.6 (White- White)
Ignition:								
				CDI	CDI	CDI		
Pickup coil resistance	Ohms, 20 ° C	184-276 (bl.gelb- gr.weiß)		92-138 (schw.gelb- gr.weiß)	92-138 (schw.gelb- gr.weiß)	88-132 (green- green white)	90-130 (green- w.rot)	90-130 (green- w.rot)
Resistor capacitor charging coil	Ohms, 20 ° C	-		112-132 (brown- red)	112-132 (brown- red)	112-158 (brown- red)	160-240 (brown- red)	160-240 (brown-red)
Resistance ignition prim. / Sec.	Ohms, 20 ° C	2.38 to 3.22 / 12-18K		0.15-0.21 / 3,84-5,76K	0.15-0.21 / 3,84-5,76K	0.15-0.21 / 3,84-5,76K	0.23 to 0.38 / 3,4-5,2K	0.23 to 0.38 / 3,4-5,2K
Spark plug / electrode gap	mm	NGK DPR 8EA-9 / 0.8-0.9		NGK DPR8EA-9 / 0.8-0.9	NGK DPR8EA-9 / 0.8-0.9	NGK DPR8EA-9 / 0.8-0.9	NGK DR7ES / 0.6-0.7	NGK DR7ES / 0.6-0.7
Ignition timing	° BTDC / 1 / min	10/1200, 43/6000		12/1200, 36/6000	12/1200, 36/6000	12/1200, 36/6000	12/1200, 36/4500	12/1200, 36/4500
Tightening torques:								
Axle nut, front / rear	Nm	100/90		110/90	110/90	105/105	-	-
Axle pinch bolts forward	Nm	-		8	8	8	-	-
Swingarm pin	Nm	90					100	100
Cylinder head bolts	Nm	-					M8: 25, M6: 7	M8: 25, M6: 7

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