

DITE BIKE TM21, TM22, TM23 Parts Manual
(Version: 1.1 03/03/2025)

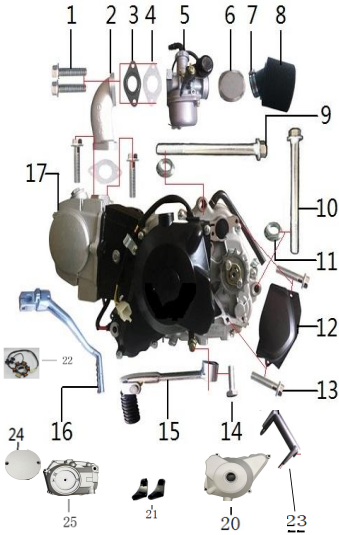
DIAGRAM	ENGINE			
	No.	PART No.	DESCRIPTION	QTY
		gasket kit TM21	gasket kit for TM21	1
		gasket kit TM22/24/27	gasket kit for TM22/24/27	1
		gasket kit for TM23	gasket kit for TM23	1
	1	GB5783 M6x25	Flange bolt M6*25	2
	2	06.17.0020	Manifold & Gasket	1
	3	121004-TM29	Insulating mat with O ring.	1
	4	121003	PAPER WASHER,CARBURETOR TUBE	2
	5	06.27.0173	Carburetor / PZ26	1
	7	03.04.0082	Air filter clamp 27*51*10	1
	8	03.04.0418	Air filter	1
	9	GB5789 M8X115	Flange bolt M8*115	1
	10	GB5789 M8x105	Flange bolt M8*105	1
	11	GB6187 M8	Locking nut M8	2
	12	06.17.0013-TM21/22/24/27	Engine Sprocket Cover	1
		06.17.0013-TM23/24S/29	Engine Sprocket Cover	1
	13	116101-006	Flange bolt M6*28	4
	14	05.01.01.06020B	Hex bolt M6*20	1
	15	06.52.0014	Gear Shifter	1
	16	06.02.0019	Kick start Lever	1
	17	06.17.0084	Engine 125CC/ Kick start, Semi-automatic, Up four gears TM21	1
		06.17.0083	Engine 125CC/Hengsheng TM22/27	1
		06.17.0085	Engine 125CC/Kick & Electric start, Semi automatic , Up four gears TM23	1
	18	428-14T	Sprocket, front, 428-14	1
	19	ES-4	STARTING MOTOR(STARTER). ES-4, TM23	1
	20	101301-TM29	CRANKCASE COVER, L(Stator cover). silver, engine cover L.for TM23	1
	21	03.08.0283	Engine Hanger Left	1
		03.08.0284	Engine Hanger Right	1
	22	ZM STATOR-A	MAGNETO STATOR TM21/22	1
		ZM STATOR-B	MAGNETO STATOR TM23	1
	23	03.03.0018	Engine rear hanger	1
	24	Round piece on engine cover	Round piece on engine cover,R	1
	25	101401-TM23	Engine Cover Right	1

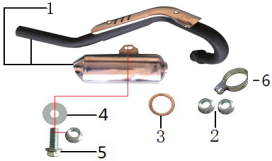
DIAGRAM	Exhaust Pipe Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0047	Exhaust pipe	1
		03.08.0120	Muffler only	1
	2	GB6187 M6	Locking nut M6	3
	3	03.04.0097	Gasket/Exhaust pipe $\varnothing 8^* \varnothing 18^*1.5/$	1
	4	GB97 6	Washer 6	1
	5	GB5789 M6x12	Flange bolt M6*12	1
	6	03.08.0012	Muffler clamp	1

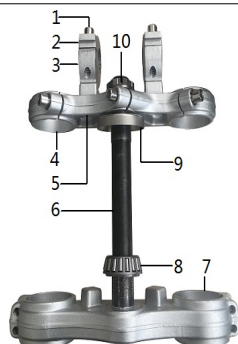
DIAGRAM	Triple Clamps Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	05.01.04.08020B	Allen bolt M8*20	11
	2	03.08.0113	Clamp. Handle bar, Upper TM21/22	2
		08.08.0059	Clamp. Handle bar, Upper TM23/24	2.3
	3	03.08.0112	Support, handle bar, Lower TM21/22	2
		08.08.0060	Support, handle bar, Lower TM23/24	2
	4	03.08.0110	Triple Clamp/ S3 Upper TM21/22	1
		03.04.0344	Triple clamp. Upper, black TM23/24sp	1
	5	05.01.04.10030H	Allen bolt M10*30*1.5	2
	6	03.04.0023	Steering stem TM23/24	1
		03.08.0096	Steering Column / S3 TM21/22	1
	7	03.08.0111	Triple Clamp/ S3 TM21/22	1
	6+7+8	03.04.0345	Triple clamp. Lower and steering column, black TM23/24sp	1
	8	05.04.01.0001	Steering stem bearing, Tapered	2
	9	03.04.0024	Grease seal/Steering stem K3-01 TM23/24	1
		03.04.0269	Retaining Nut, steering column / K3 TM21/22	1
	10	03.05.0067	Retaining Nut, triple clamp(top) / K5-01 21/22	1
		03.04.0071	Locking Nuts/Steering stem TM23/24	1

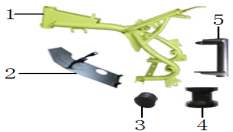
DIAGRAM	FRAME			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0036	Main frame	1
	2	03.04.0264	Engine guard	1
	3	03.03.0076	Cover/ plug	2
	4	03.01.0019	Tension Pulley/A7-01	1
	5	03.03.0018	Engine rear hanger	1

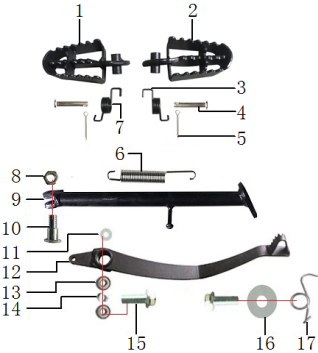
DIAGRAM	Foot Pegs Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.03.0029	Footpegs L	1
	2	03.03.0089	Footpegs R	1
	3	03.03.0091	Footpegs Spring R.	1
	4	03.03.0030	Foot pedal mounting bolt	2
	5	9.500.230	Cotter Pin 72.5x30	2
	6	03.03.0015	side stand spring	1
	7	03.03.0090	Footpegs Spring L.	1
	8	GB6170 M10	hex nut M10*1.25	1
	9	03.08.0014	Side stand /S3-125	1
	10	05.01.14.10025D	Hex bolt M10*25	1
	11	05.05.02.0103	washer 6 8" 6 18*1.5	1
	12-14	03.08.0016	Foot Brake pedal Kit	1
			bearing 608 6 8" 6 22*7-Sale as Foot Brake pedal Kit 03.08.0016	2
			Foot Brake pedal bushing-Sale as Foot Brake pedal Kit 03.08.0016	1
	15	GB5787 M8x40	Flange Bolt M8*40	1
	16	05.05.01.0112	washer 6 27" 6 8*1.5	1
	17	03.08.0015	Rear brake return spring /S3-01	1

DIAGRAM	Swingarm Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1+9	03.08.0030	Rear fork, swingarm	1
	2	03.03.0048	Rear fork plate	1
	3	05.01.07.06012D	Phillips bolt M6*12	2
	4	03.03.0012	Rear brake hose clamp	2
	5	03.03.0070	Chain adjuster/ regulator	2
	6	9.900.840	hex bolt M8*40	2
	7	9.220.008	Hex nut M8	2
	8	03.04.0010	Chain Guard	1
	9	GB/T276 6200-2RS	bearing 6200	2
	10	03.03.0069	Inner Spacer, swingarm	2
	11	GB6187 M10	Locking Nut M10	1
	12	05.01.02.10200D	Axle/Swingarm/ Flange bolt M10*200	1
	13	03.03.0376	Chain Slider	1

DIAGRAM	Suspension Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	9.129.616	bolt M6*16	6
	2	03.04.0073	T sapcer	6
	3	03.05.0036	Front Fork Guard Kit/ Right TM23/24	1
	4	03.05.0035	Front Fork Guard Kit/ Left TM23/24	1
	4-1	03.08.0097	Clamp, front fork oil hose ϕ 38 / S3 TM21/22	1
		03.01.0072-metal	Front fork guard tubing clamp /lower/for 910 front fork metal TM23/24	2
	5	05.01.02.10045D	Flange bolt M10*45	1
	6	03.08.0024	Rear Shock ϕ 10*270	1
	7	05.01.02.10050D	Flange bolt M10*50	1
	8	GB6187 M10	Locking nut M10	2
	9	03.08.0095	Front Fork / RH / Telescopic TM21/22	1
		03.08.0032	Front Fork/45*48*650 Right TM23	1
	10	03.08.0094	Front Fork / LH / Telescopic TM21/22	1
		03.08.0031	Front Fork /45*48*650 Left TM23	1

DIAGRAM	Handle Bar Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0039	Clutch lever Assy without chock	1
	1-1		Clutch Handle Mounts(Lower)-Sale as Clutch lever Assy 03.04.0039	1
	1-2	06.08.0613	Clutch Lever only	1
	1-3		Sale as Clutch lever Assy 03.04.0039	2
	1-4		Sale as Clutch lever Assy 03.04.0039	1
	1-5		Sale as Clutch lever Assy 03.04.0039	1
	1-6		Sale as Clutch lever Assy 03.04.0039	1
	2	06.31.0003	Stop switch, Kill Switch	1
	3	03.04.0070	Handle bar/720mm	1
	4+9	03.01.0367	Grip LH & RH Green Set	1
		03.01.0280	Grip LH & RH Orange Set	1
		03.01.0362	Grip LH & RH Red Set	1
		03.01.0365	Grip LH & RH Blue Set	1
		03.01.0398	Grip LH & RH Gray Set	1
	5	03.08.0035	Clutch Cable	1
	6	03.04.0059	Throttle Cable	1
	7	03.08.0098	Front Brake kit TM21/22	1
		03.08.0019	Front Brake kit TM23	1
	7-1		Sale as Front Brake kit	1
	7-2		Sale as Front Brake kit	1
	7-3	06.08.0512	front brake capiper pad set	2
	7-4	05.02.15.0063	Front Brake bracket for TM23	1
	7-5		Flange bolt M6*20-Sale as Front Brake kit	2
	7-6		Clamp. brake lever upper-Sale as Front Brake kit	1
	7-7	06.08.0561	Brake lever	1
	7-8		Front brake master cylinder Assy-Sale as Front Brake kit	1
	8	03.08.0025	Rear Brake kit	1
	8-1		Rear Brake bracket-Sale as Rear Brake kit	1
	8-2	06.08.0511	Rear brake capiper pad set	2
	8-3		Rear Brake Master Cylinder-Sale as Rear Brake kit	1
	8-4	05.04.05.0001	Fish-eye Bearings	1
	8-5		Rearbrake capiper assy-Sale as Rear Brake kit	1
	8-6		Rear brake hose-Sale as Rear Brake kit	1
	10-1+10-2	03.03.0230	Throttle Housing Assy	1
	11	06.31.0002	Start Switch	1
	12	GB6187 M6	Locking nut M6	3
	13	05.01.06.06020B	bolt M6*20	2
	14	121001	hex bolt M6*25	1
	15	GB/T5787-1986 M8*30	Flange bolt M8*30	2
	16	03.04.0078	clutch cable cover	1
	17	03.08.0142	Foam Pad Cover	1
	18	03.04.0029	foam 220mm	1

DIAGRAM					Front Wheel & Tire Assy.			
					No.	PART No.	DESCRIPTION	QTY
					1+2+3	03.08.0020-wheel	Front Wheel Assy /60/100-14	1
					1	03.08.0020	Front Rim ASSY 1.60x14	1
					1-1			1
					1-2			32
					1-3			32
					1-4			1
					2	06.42.0364	Front tires/60/100-14	1
					3	06.42.0365	Front inner tube/60/100-14	1
					4		bushing 17*53-Sale as Front Rim ASSY 03.08.0020	1
					5	05.01.02.12215D	Axle /Front wheel / Flange bolt M12*215	1
					6	05.02.03.0105	Locking nut M12	1
					7	6202-2RS	bearing 6202	2
					8	05.80.05.0001D	Brake Disc bolt M8*16	4
					9	06.08.0312	front brake disc 4*220MM	1
					10	03.03.0022	bushing L, front wheel, 19*12*20 for TM15/23	1
						03.03.0096	bushing L,front wheel /K1-01/ Inverted,19*12*26 TM10/11/21/22	1
					11	03.08.0026	bushing R, 19*12*25mm TM23	1
						03.03.0357	bushing R,20*12*15mm TM10/11/21/22	1

DIAGRAM					Rear Wheel & Tire Assy.			
					No.	PART No.	DESCRIPTION	QTY
					1+2+3	03.08.0021-wheel	Rear Wheel Assy. /80/100-12	1
					1	03.08.0021	Rear Rim ASSY 1.85x12	1
					1-1			1
					1-2			32
					1-3			16
					1-4			16
					1-5			1
					2	06.42.0366	Rear Tire/80/100-12	1
					3	06.42.0367	Rear inner tube/80/100-12	1
					4	06.35.0015	Chain 428-94L	1
					5	03.04.0330	Rear sprocket lock plate	1
					6	6202-2RS	bearing 6202	2
					7		bushing-Sale as Rear Rim ASSY	1
					8	05.01.04.08025B	Bolts/M8*25	4
					9	03.04.0096	Rear Sprocket 41T	1
					10	05.80.05.0001D	Brake Disc bolt M8*16	4
					11	06.08.0311	Rear brake disc 190mm	1
					12	05.02.03.0105	Locking nut M12	1
					13	05.01.02.12205D	Axle/ Rear wheel/ Flange bolt M12*205 TM10-23	1
					14	03.03.0057	Bushing L, spacer, Rear wheel, 19*12*33 TM10-23	1
					15	03.08.0033	Bushing R, spacer, Rear wheel, 19*12*23 TM21-23	1

DIAGRAM	Electronic Parts			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0066	Main wire harness TM21/22	1
		03.08.0027	Main wire harness TM23	1
	2	03.04.0019	CDI	1
	3	06.13.0003	Key Switch TM23	1
		06.13.0001	Key Switch TM21/22	1
	4	06.14.0009	Ignition Coil	1
	5	06.14.0007	Relay	1
	6	06.12.0204	Battery 12V 4A TM23	1
	7	03.01.0043	Battery Strap	1
	8	06.14.0005	Regulator	1
DIAGRAM	Plastic Kit			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0052	Fuel tank sider cover/LH/ Black	1
	2	03.08.0053	Fuel tank sider cover/RH/ Black	1
	3	03.08.0002	Front Fender, white	1
		03.08.0051	Front Fender, Black	1
	4	03.08.0005	Rear fender,Tail fender, white	1
		03.08.0054	Rear fender,Tail fender, Black	1
	5	03.08.0006	Rear Mud guard, Black	1
	6	03.08.0007	Holder/LH Rear, Black	1
	7	03.08.0008	Holder/RH Rear, Black	1
DIAGRAM	Fuel Tank Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0001	Number Plate, white	1
		03.08.0050	Number Plate, Black	1
	2	GB5789 M6*12	Flange bolt M6*12	1
	3	03.03.0083	Fuel cap	1
	3-1	03.03.0288	Fuel tank breather tube	1
	4	03.08.0009	Fuel Tank	1
	5	05.01.08.06030D	bolt M6*30	1
	6	03.04.0085	Limited Spacer, For seat	1
	7	06.54.0004	oil filter	2
	8	03.05.0185	Fuel Cock	1
	9	05.01.12.06010B	Allen bolt M6*10	1
	10	GB6187 M8	Locking nut M8	1
	11	05.05.01.0104	washer	1
	12	03.08.0010	Seat	1
	13	06.45.0026	air tube 0.35m	1
	14	06.54.0008	fuel tube 0.2m	1
DIAGRAM	Stickers			
	No.	PART No.	DESCRIPTION	QTY
	1	03.08.0138	Stickers /Red	1
		03.08.0140	Stickers / Green	1
		03.08.0139	Stickers / Blue	1
		03.08.0141	Stickers /Orange	1
				

