

DIRT BIKE TM27 TM29 Parts Manual

(Version: 1.0 05/07/2025)

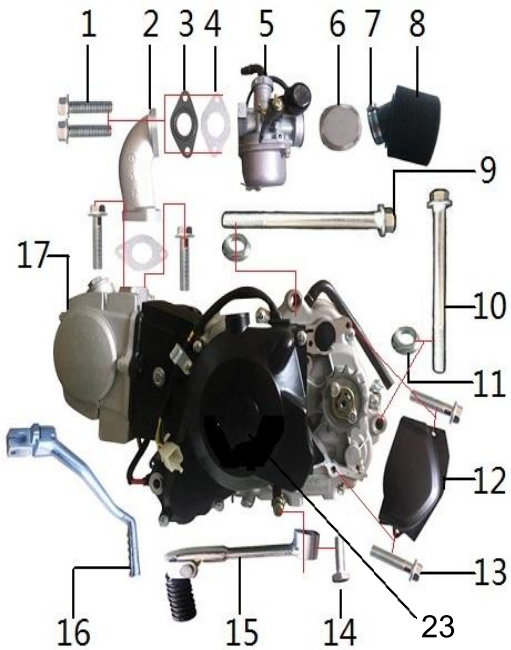
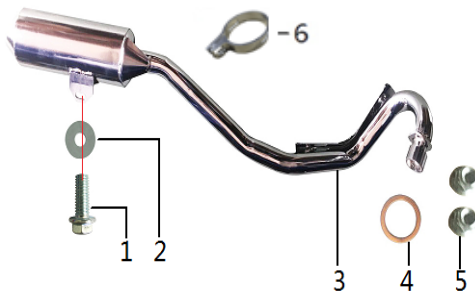
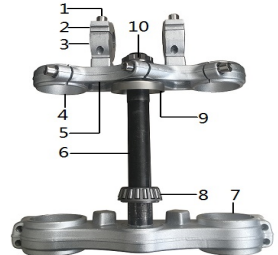
DIAGRAM	ENGINE			
	No.	PART No.	DESCRIPTION	QTY
		gasket kit TM22/24/27	gasket kit for TM27	1
		gasket kit TM29	Gasket kit, 125CC, kick & E-start, Manual for TM29	1
	1	GB5783 M6x25	Flange bolt M6*25	2
	2	06.17.0032	Manifold & Gasket-125cc	1
	3	121004-DB	Insulating mat with O ring.	1
	4	121003	PAPER WASHER,CARBURETOR 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	1
	12	06.17.0013-TM23/24S/29	Engine Sprocket Cover	1
		06.17.0013-TM21/22/24/27	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	06.17.0083	125 Engine, Kick Start, UP 4 gears, Manual TM27	1
		06.17.0082	Engine 125CC/ Kick & Electric Start, Manual clutch,Up 4 gears TM29	1
	18	428-14T	Sprocket, front, 428-14	1
	19	ES-4	STARTING MOTOR(STARTER). ES-4, TM29	1
	20	ZM STATOR-A	MAGNETO STATOR TM27	1
		ZM STATOR-B	MAGNETO STATOR TM29	1
	21	101401-TM29	Engine Cover Right-TM29. Crankcase cover. Right for TM27/29	1
	22	Round piece on engine cover	Round piece on engine cover. Right	1
	23	Engine Cover Left-21	Engine Cover Left, for TM27	1
		101301-TM29	CRANKCASE COVER, L.(Stator cover), silver, engine cover L.for TM29	1
	Exhaust Pipe Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	GB5787 M8x20	Flange bolt M8*20	1
	2	05.05.02.0103	Washer € 8* € 18*1.5	1
	3	03.04.0386	Muffler Assy	1
		03.08.0079	Exhaust pipe only	1
		03.04.0432	Muffler only	1
	4	03.04.0097	Gasket/Exhaust pipe	1
	5	05.02.03.0102	Locking nut M6	2
	6	03.08.0012	Muffler clamp	1
	Triple Clamps Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	05.01.04.08030B	Allen Bolts M8*30 Stainless	11
	2	08.08.0059	Clamp. Handle bar, Upper	2
	3	08.08.0060	Support, handle bar, Lower black	2
	4	03.04.0115	Triple clamp. Upper /Silver	1
	5	05.01.04.10025H	Allen bolt M10*25*1.5. Black.	2
	6	03.04.0023	Steering stem	1
	7	03.04.0116	Triple clamp. Lower /Silver	1
	8	05.04.01.0001	Steering stem bearing, Tapered	2
	9	03.04.0024	Grease seal/Steering stem K3-01	1
	10	03.04.0071	Locking Nuts/Steering stem	1

DIAGRAM	FRAME			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0341	Main frame	1
	2	GB6187 M10	Locking nut M10	2
	3	GB5789 M10X145	Flange bolt M10*145	1
	4	03.04.0342	Sub frame	1
	5	GB6187 M8	Locking nut M18	2
	6	05.01.12.08045B	Allen bolt M8x45	2
	7		spacer $\varnothing 13^{**} \varnothing 10^{*} 22.5$ -Sale as Tension Pulley 03.04.0016	1
	8	03.04.0016	Tension Pulley, Chain Roller/K3-01/Lower	1
	9	GB5789 M10x68	Flange bolt M10*65	1
	10		bearing 6900-Sale as Tension Pulley 03.04.0016	2
	11	05.01.02.08040D	Flange bolt M8*40	2
	12	03.04.0264	Engine guard	1
	13	GB5783 M6x16	Flange bolt M6*16	2
	14	03.03.0076	cover/ plug	2
DIAGRAM	Foot Pegs Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	GB5787 M8x20	Flange bolt M8*20	4
	2	GB6187 M8	Locking nut M8	4
	3	03.04.0022	Front pedal bracket	1
	4	03.06.0036	Footpegs R	1
	5	03.03.0030	Foot pedal mounting bolt	2
	6	9.500.230	Cotter Pin $\varnothing 2.5 \times 30$	2
	7	03.06.0040	Footpegs Spring R.	1
	8	GB5789 M8x16	Flange Bolt M8*16	2
	9	03.06.0035	Footpegs L	1
	10	03.06.0039	Footpegs Spring L.	1
	11	03.01.0032	side stand spring	1
	12	GB6170 M10	Hex Nut M10	1
	13	03.04.0013	Side stand /K3-125	1
	14	05.80.08.10035D	Hex Bolt M10*35	1
	15	05.05.02.0103	spacer	1
	16-18	03.04.0428	Brake pedal Kit	1
			bearing 608 $\varnothing 8^{*} \varnothing 22^{*} 7$ -Sale as Brake pedal Kit 03.04.0428	2
			Foot Brake pedal bushing-Sale as Brake pedal Kit 03.04.0428	1
	19	GB5787 M8x25	Flange Bolt M8*25	2
	20	05.05.01.0112	washer $\varnothing 27^{*} \varnothing 8^{*} 1.5$	1
	21	03.04.0011	Rear brake return spring K3-01	1
DIAGRAM	SWINGARM ASSY.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0056	rubber cover	1
	2	05.01.07.06012D	Phillips bolt M6*12	4
	3	03.03.0012	Rear brake hose clamp	2
	4+10	03.04.0120	Rear Swingarm / K3-01 / Iron	1
	5	GB5782 M8x50	Hex Bolt M8x50	2
	6	9.220.008	Hex nut M8	2
	7	03.04.0072	Chain adjuster/ regulator	2
	8	03.04.0010	Chain Guide	1
	9	GB5787 M8x20	Flange bolt M8*20	2
	10	GB/T276 6200-2RS	bearing 6200	2
	11	03.04.0329	bushing	1
	12	05.02.03.0105	Locking nut M12	1
	13	05.01.02.12210D	Axle/ Swingarm/ Flange bolt M12*210	1

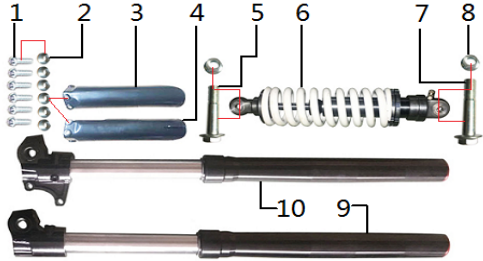
DIAGRAM	Suspension Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	9.129.616	Allen bolt M6*16	6
	2	03.04.0073	T sapcer	6
	3	03.05.0036	Front Fork Guard R.	1
	4	03.05.0035	Front Fork Guard L.	1
	4-1	03.01.0072-metal	Front fork guard tubing clamp /lower/for front fork	2
	5	05.01.02.10045D	Flange Bolt M10*45	1
	6	03.04.0098	Rear Shock/10*11*310	1
	7	05.01.02.10050D	Flange Bolt M10*50	1
	8	GB6187 M10	Locking nut M10	2
	9	03.04.0461	Front Fork LH	1
	10	03.04.0462	Front Fork RH	1

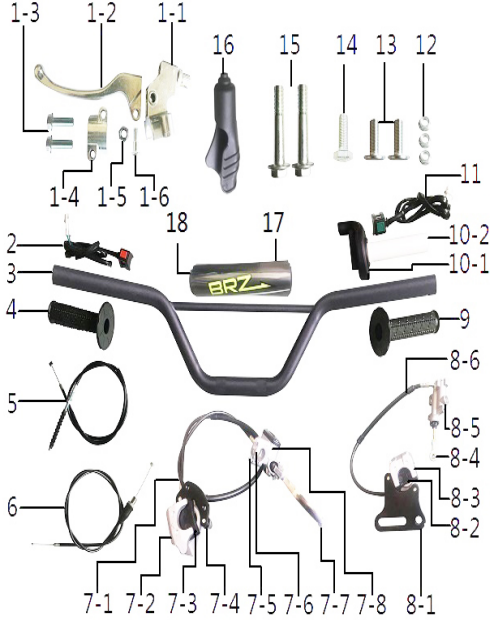
DIAGRAM	Handle Bar Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0039	Clutch lever Assy	1
	1-1		Clutch Handle Mounts(Lower)-Sale as Clutch lever Assy	1
	1-2	06.08.0613	Clutch lever only	1
	1-3		Sale as 03.04.0039	2
	1-4		Sale as 03.04.0039	1
	1-5		Sale as 03.04.0039	1
	1-6		Sale as 03.04.0039	1
	2	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	03.04.0251	clutch cable	1
	6	03.04.0059	Throttle Cable	1
	7	03.04.0008	Front Brake kit	1
	7-1		Front brake hose-Sale as Front Brake kit 03.04.0008	1
	7-2		Front brake caliper--Sale as Front Brake kit 03.04.0008	1
	7-3	06.08.0511	front brake caliper pad set	2
	7-4	05.02.15.0063	Front Brake bracket for TM29	1
	7-5		Flange bolt M6*20-Sale as Front Brake kit 03.04.0008	2
	7-6		Clamp. brake lever upper-Sale as Front Brake kit 03.04.0008	1
	7-7	06.08.0561	Brake lever only	1
	7-8		Front brake master cylinder Assy-Sale as Front Brake kit 03.04.0008	1
	8	03.04.0009	Rear Brake Kit	1
	8-1		Rear Brake bracket-Sale as Rear Brake kit 03.04.0009	1
	8-2	06.08.0511	Rear brake caliper pad set	2
	8-3		Rear Brake Master Cylinder-Sale as Rear Brake kit 03.04.0009	1
	8-4	05.04.05.0001	Fish-eye Bearings	1
	8-5		Rear brake master cylinder Assy-Sale as Rear Brake kit 03.04.0009	1
	8-6		Rear brake hose-Sale as Rear Brake kit 03.04.0009	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	03.04.0048-wheel	Front Wheel ASSY 70/100-17	1
	1	03.04.0048	Front Rim ASSY 1.60x17	1
	1-1			1
	1-2			32
	1-3			32
	1-4			1
	2	06.42.0368	Front tires/70/100-17	1
	3	06.42.0370	Front inner tube/70/100-17	1
	4		bushing-Sale as Front Rim ASSY 03.04.0048	1
	5	05.01.02.15215D	Front axle /Front wheel / M14*215	1
	6	05.02.03.0106	Locking nut M14	1
	7	6202-2RS	bearing 6202	2
	8	05.80.05.0001D	Brake Disc bolt M8*16	4
	9	06.08.0314	Brake Disc,210mm/Fr.	1
	10	03.04.0063	bushing L. Front Wheel	1
	11	03.04.0064	bushing R. Front Wheel	1

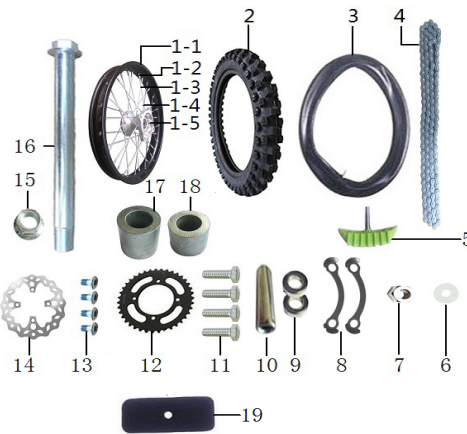
DIAGRAM	Rear Wheel & Tire Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1+2+3	03.04.0049-wheel	Rear Wheel ASSY 90/100-14	1
	1	03.04.0049	Rear Rim ASSY 1.85x14	1
	1-1	06.36.0062		1
	1-2	06.18.0105		32
	1-3	06.18.0040		16
	1-4	06.18.0041		16
	1-5	06.19.0057		1
	2	06.42.0306	Rear Tire/90/100-14	1
	3	06.42.0371	Rear Inner tube, 3.00-14	1
	4	06.35.0024	Chain 428-110L	1
	5	06.42.0311	Rear inner tube lock 1.85#	1
	6	GB97 78	Washer Φ8*Φ16*1.5	1
	7	05.02.07.0001	nut M8	1
	8	03.04.0330	nut M8	1
	9	6202-2RS	bearing 6202	2
	10		bushing-Sale as Rear Rim ASSY 03.04.0049	1
	11	05.01.04.08025B	Hex Bolts/M8*25	4
	12	03.04.0096	Rear Sprocket 41T	1
	13	05.80.05.0001D	Brake Disc bolt M8*16	4
	14	06.08.0315	brake disc 4*190mm Rear	1
	15	05.02.03.0106	Locking nut M14	1
	16	05.01.02.15210D	Rear axle/ Rear wheel / M14*210	1
		03.04.0065	bushing L. Rear Wheel	1
		03.04.0066	bushing R. Rear Wheel	1
	19	06.42.0319	Inner tube cushion	1

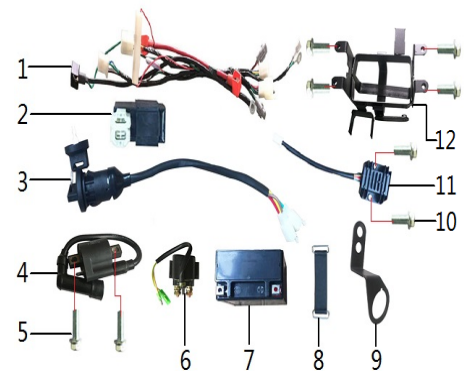
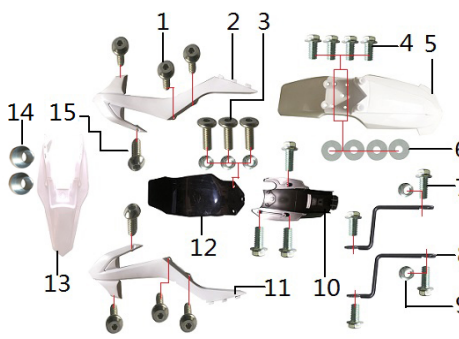
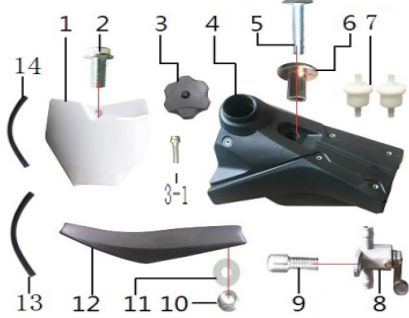
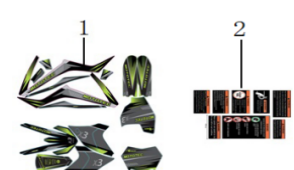
DIAGRAM	Electronic Parts			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0645	Main Wire Harness/ Kick / K3 TM27	1
		03.04.0144	Main Wire Harness/ Kick&E-start / K3 TM29	1
	2	03.04.0019	CDI	1
	3	06.13.0003	Key Switch	1
	4	06.14.0009	Ignition Coil	1
	5	GB5783 M6x16	Flange bolt M6*16	2
	6	06.14.0007	Relay	1
	7	06.12.0204	Battery 12V 4A TM29	1
	8	03.01.0043	Battery Strap	1
	9	03.04.0427	Bracket, Ignition Switch	1
	10	GB5789 M6x12	Flange bolt M6*12	6
	11	06.14.0005	Regulator	1
	12	03.04.0018	battery cover	1

DIAGRAM	Plastic Kit			
	No.	PART No.	DESCRIPTION	QTY
	1	05.01.06.06010B	bolt M6*10	6
	2	03.04.0004	Fuel tank covers, RH/White	1
	3	116105-008	Allen bolt M6*16	3
	4	GB5789 M6x12	Flange bolt M6*12	6
	5	03.04.0002	Front Fender/White	1
	6	GB97 6	washer	4
	7	GB5783 M6x16	Flange bolt M6*16	5
	8	03.04.0062	Fuel tank cover bracket	2
	9	05.02.03.0102	Locking nut M6	5
	10	03.04.0006	Sub-Frame base board/Black	1
	11	03.04.0003	Fuel tank covers, LH/White	1
	12	03.04.0007	Mud flap	1
	13	03.04.0005	Rear Fender/White	1
	14	03.07.0060	Spacer, rear rack / 16"2*8MM 11*5*8MM T type	2
	15	05.01.12.06010B	allen bolt M6*10	2
DIAGRAM	Fuel Tank Assy.			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0001	Number Plate/white	1
	2	GB5789 M6x12	Flange bolt M6*12	1
	3	03.04.0081	Fuel cap	1
	3-1	03.03.0288	Fuel tank breather tube	1
	4	03.04.0452	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	03.04.0086	Seat	1
	13	06.45.0026	air tube 0.35m	1
	14	06.54.0008	fuel tube 0.2m	1
DIAGRAM	STICKER			
	No.	PART No.	DESCRIPTION	QTY
	1	03.04.0542	Stickers TM27/29 Green	1
		03.04.0540	Stickers TM27/29 Red	1
		03.04.0541	Stickers TM27/29 Blue	1
		03.04.0543	Stickers TM27/29 Orange	1