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### TrailMaster Dirt Bike Parts Manual-- TM21 22 24

DIAGRAM	Engine			
	Item	Part #	DESCRIPTION	QTY
		gasket kit TM22/27	Gasket kit, 125CC. Kick start, Manual	1
	1	05.01.02.06025D	Flange bolt M6*25	2
	2	06.17.0020	Manifold & Gasket	1
	3			1
	4			2
	5	06.27.0172	Carburetor	1
	6	03.04.0278	Air filter foam net Φ38/K3	1
	7	03.04.0082	Air filter clamp 27*51*10	1
	8	03.04.0418	Air filter	1
	9	05.01.02.10115D	Flange bolt M10*115	1
	10	05.01.02.10105D	Flange bolt M10*105	1
	11	05.02.03.0104	Locking nut M10	2
	12	06.17.0013-TM22/27	Engine Sprocket Cover TM22/27	1
	13	05.80.15.06027D	Flange bolt M6*27	4
	14	05.01.01.06020D	bolt M6*20	1
	15	06.52.0014	Gear Shifter	1
	16	06.02.0019	Kick start Lever	1
17	06.17.0040	engine 110cc TM21/22	1	

DIAGRAM	Muffler			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0047	Exhaust pipe	1
		03.08.0120	muffler	1
	2	05.02.03.0102	Locking nut M6	3
	3	03.04.0097	Gasket/Exhaust pipe Φ8*Φ18*1.5/	1
	4	05.05.01.0102	washer Ø6*Ø16*1.0	1
5	05.01.02.06012D	Flange bolt M6*12	1	

DIAGRAM	Triple Clamp			
	Item	Part #	DESCRIPTION	QTY
	1	05.01.04.08030B	bolt M8*30	11
	2	03.04.0042	Clamp. Handle bar /Silver	2
	3	03.04.0043	Support, Handle bar /Silver	2
	4	03.04.0040	Triple clamp. Upper /Silver TM21/22/24	1
	5	05.01.04.10030H	bolt M10*30*1.5/	2
	6	03.04.0023	Steering stem	1
	7	03.04.0041	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			
	Item	Part #	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	Footpegs			
	Item	Part #	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	05.06.01.0101	Cotter Pin $\Phi 2 \times 40$	2
	6	03.03.0015	side stand spring	1
	7	03.03.0090	Footpegs Spring L.	1
	8	05.02.01.0103	nut M10	1
	9	03.08.0014	Side stand /S3-125	1
	10	05.01.14.10025D	Hex bolt M10*25 for TM21/22/23	1
	11	05.05.01.0103	washer $\epsilon 8^* \epsilon 18^* 1.5$	1
	12	03.08.0016	Foot Brake pedal Kit/ TM24	1
	13	05.04.03.0006	bearing 608 $\epsilon 8^* \epsilon 22^* 7$	2
	14	03.11.0016	Foot Brake pedal bushing	1
	15	05.01.02.08025D	Flange Bolt M8*25	2
	16	05.05.01.0112	washer $\epsilon 27^* \epsilon 8^* 1.5$	1
	17	03.08.0015	Rear brake return spring /S3-01	1

DIAGRAM	Rear Fork			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0030	Rear fork	1
	2	03.03.0048	Rear fork plate	1
	3	05.01.07.06012B	Phillips bolt M6*12	2
	4	03.03.0012	Rear brake hose clamp	2
	5	03.03.0070	Chain adjuster/ regulator	2
	6	05.01.01.08040D	hex bolt M8*40	2
	7	05.02.01.0102	nut M8	2
	8	03.04.0010	Chain Guard/TM24	1
	9	05.04.03.0004	bearing 6200	2
	10	03.03.0069	bushing	2
	11	05.02.03.0104	Locking Nut M10	1
	12	05.01.02.10200D	Flange bolt M10*200	1

DIAGRAM	Front Fork			
	Item	Part #	DESCRIPTION	QTY
	1	05.01.12.06016B	bolt M6*16	6
	2	03.04.0073	T sapcer	6
	3	03.05.0036	Front Fork Guard Kit/TM24 Right	1
	4	03.05.0035	Front Fork Guard Kit/TM24 Left	1
	4-1	03.01.0072	Front fork guard tubing clamp /lower/for 910 front fork metal	
	5	05.01.02.10045D	Flange bolt M10*45	1
	6	03.08.0024	Rear Shock	1
		03.08.0091	Rear Shock/ $\epsilon 10^* 275$ for TM24	1
	7	05.01.02.10050D	Flange bolt M10*50	1
	8	05.02.03.0104	Locking nut M10	2
	9	03.08.0032	Front Fork/45*48*700 Right	1
		03.04.0447	Front Fork/45*48*700 Right for TM24	1
	10	03.08.0031	Front Fork /45*48*650 Left	1
		03.04.0446	Front Fork/45*48*700 Left for TM24	

DIAGRAM		Handle Bar			
Item	Part #	DESCRIPTION	QTY		
1	03.04.0039	Clutch lever Assy	1		
1-1	06.08.0611		1		
1-2	06.08.0613		1		
1-3	06.08.0614		2		
1-4	06.08.0611		1		
1-5	05.02.03.0101		1		
1-6	06.08.0615		1		
2	06.31.0003	Stop Switch	1		
3	03.04.0070	Handle bar/720mm	1		
	03.04.0412	Handler Bar/L=735mm/ TM24	1		
4	03.01.0367	Grip LH & RH/Green	1		
5	03.08.0035	Clutch Cable	1		
6	03.04.0059	Throttle Cable	1		
7	03.08.0019	Front Brake kit	1		
7-1	06.08.0617	Front brake hose	1		
7-2	06.08.0505	Front brake caliper	1		
7-3	06.08.0512	front brake capiper pad set	2		
7-4	06.08.0621	Front Brake bracket	1		
7-5	05.01.02.06020D	Flange bolt M6*20	2		
7-6	06.08.0570	Clamp. brake lever upper	1		
7-7	06.08.0561	Brake lever	1		
7-8	06.08.0564	Front brake master cylinder Assy	1		
8	03.08.0025	Rear Brake kit	1		
8-1	06.08.0619	Rear Brake bracket	1		
8-2	06.08.0511	Rear brake capiper pad set	2		
8-3	06.08.0566	Rear brake caliper	1		
8-4	05.04.05.0001	bearing	1		
8-5	06.08.0572	Rear brake master cylinder Assy	1		
8-6	06.08.0620	Rear brake hose	1		
9	03.01.0368	Grip LH & RH/Green	1		
10	03.03.0230	Throttle Housing	1		
10-1	03.04.0469		1		
10-2	03.04.0470		1		
11	06.31.0002	Start Switch	1		
12	05.02.03.0110	Locking nut M6	3		
13	05.01.06.06020B	bolt M6*20	2		
14	05.01.01.06025B	bolt M6*25	1		
15	05.01.02.08030D	Flange bolt M8*30	2		
16	03.04.0078	clutch cable cover	1		
17	03.08.0062	foam cover	1		
18	03.04.0029	foam 220mm	1		

DIAGRAM		Front Wheel			
Item	Part #	DESCRIPTION	QTY		
1	03.08.0020	Front rim ASSY 1.60x14 TM21/22	1		
	03.04.0048	Front rim ASSY 1.60x17 TM24	1		
1-1	06.36.0063		1		
1-2	06.18.0105		32		
1-3	06.18.0025		32		
1-4	06.19.0039		1		
2	06.42.0366	Front tires/60/100-14 for TM21/22	1		
	06.42.0368	Front tires/70/100-17 for TM24			
3	06.42.0364	Front inner tube/60/100-14 for TM21/22	1		
	06.42.0370	Front inner tube/70/100-17 for TM24			
4	06.19.0039	bushing 17*53	1		
5	05.01.02.12215D	Flange bolt M12*215	1		
6	05.02.03.0106	Locking nut M14	1		
7	05.04.03.0018	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	03.08.0026	bushing 12*25	1		
11	03.03.0022	bushing 12*20 Left	1		

DIAGRAM	Rear Wheel			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0021	Rear rim ASSY 1.85x12 TM21/22	1
		03.04.0049	Rear rim ASSY 1.85x14 TM24	1
	1-1	06.36.0064		1
	1-2	06.18.0105		32
	1-3	06.18.0026		16
	1-4	06.18.0027		16
	1-5	06.19.0040		1
	2	06.42.0367	Rear Tire/80/100-12 for TM21/22	1
		06.42.0306	Rear Tire/90/100-14 for TM24	
	3	06.42.0365	Rear inner tube/80/100-12 for TM21/22	1
		06.42.0371	Rear inner tube/90/100-14 for TM24	
	4	06.35.0015	Chain 428-94L	1
		06.35.0052	Chain 428-100L TM24	
	5	03.04.0330	Rear sprocket lock plate	1
	6	05.04.03.0018	bearing 6202	2
7	06.19.0040	bushing	1	
8	05.01.01.06025B	bolt 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	brake disc 190mm	1	
12	05.02.03.0106	Locking nut M14	1	
13	05.01.02.12205D	Flange bolt M12*205	1	
14	03.03.0057	bushing L	1	
15	03.08.0033	bushing	1	

DIAGRAM	Electrical Part			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0060	Main wire harness	1
	2	03.04.0019	CDI	1
	3	06.13.0003	Key Switch	1
	4	06.14.0009	Ignition Coil	1
	5	06.14.0007	Relay	1
	6	06.12.0204	Battery 12V 4A	1
	7	03.01.0043	Battery Strap	1
	8	06.14.0005	Regulator	1

DIAGRAM	Cover			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0003	Fuel tank sider cover/LH/ Black TM21-23	1
		03.08.0052	Fuel tank sider cover/LH/ Black TM24	
	2	03.08.0004	Fuel tank sider cover/RH/ Black TM21-23	1
		03.08.0052	Fuel tank sider cover/RH/ Black TM24	
	3	03.08.0002	Front Fender/white	1
		03.08.0051	Front Fender/Black	
	4	03.08.0005	Rear fender,Tail fender/white	1
	03.08.0054	Rear fender,Tail fender/Black		
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			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0001	Number Plate/white	1
		03.08.0050	Number Plate/Black	
	2	05.01.02.06012D	Flange bolt M6*12	1
	3	03.03.0083	Fuel cap	1
	4	03.08.0089	Fuel Tank	1
	5	05.01.08.06030D	bolt M6*30	1
	6	03.04.0085	spacer	1
	7	06.54.0004	oil filter	2
	8	03.05.0185	Fuel Cock	1
	9	05.01.04.06010B	bolt M6*10	1
	10	05.02.03.0103	Locking nut M8	1
	11	05.05.01.0104	washer	1
	12	03.08.0010	Seat	1
	13	06.45.0006	air tube 0.35m	1
14	06.54.0008	fuel tube 0.2m	1	

DIAGRAM	Sticker			
	Item	Part #	DESCRIPTION	QTY
	1	03.08.0061	Sticker	1
		03.08.0156	Stickers/TM24/Blue	
		03.08.0155	Stickers/TM24/Red	
		03.08.0157	Stickers/TM24/Green	
		03.08.0158	Stickers/TM24/Orange	
	2	06.70.0111	Warning sticker	1