

RAILKING[®]
By M.T.H. Electric Trains

30-4053-1
30-4077-1

SD-90 MAC Diesel Engine



GL082201

REV.082801

SD-90 MAC Diesel Engine

Engine Parts

Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Handrail (flat black)(end)	FC-2250061	6.00	34.) Wire nut (yellow)	BI-4500003	0.25
2.) Lens (clear) (reverse light)(flat mounting)	FA-2240002	2.00	35.) Tach board	AG-0000033	6.00
3.) Shell (black, yellow) (Caterpillar®)(# 76)	FC-2200269	*85.00	36.) Chassis (black) (for Proto-Sound® 2.0 & Loco-Sound™ w/ battery jack)	DD-2200005	*15.00
4.) Air horns (nickel)(3 chime)	FC-2200002	3.00	37.) Screw (M3x16.0mm)(washer head)(self-drilling threads)	IA-0000025	0.15
5.) Handrail (flat black)(right)	FC-2210033	12.00	38.) Screw (4/40x6.0mm)(washer head)	IA-0000028	0.15
6.) Handrail (flat black)(left)	FC-2220033	12.00	39.) Speaker (STAR)(PR-050-A111)(16 ohms)(MAX 2W)(121E)	BF-0000007	8.95
7.) Windows (clear)	FA-2230004	8.00	40.) Speaker ring seal (black) (43.8x49.8x3.0mm)(foam)	IB-0000009	0.75
8.) Rubber band	BI-4500004	0.50	41.) Fuel tank (black) (tapped for 4/40 screws)	FC-2200270	*15.00
9.) Motor (RS-365SH) (7.9x24.0mm worm gear w/ 13.0mm long threads) (9.0x30.0mm black flywheel)	BE-0000097	25.00	42.) Screw (4/40x6.0mm)(flathead)	IA-0000038	0.15
10.) Motor (RS-365SH) (7.9x24.0mm worm gear w/ 13.0mm long threads) (9.0x30.0mm white flywheel w/ black stripes) (w/ tach board mount)	BE-0000098	25.00	43.) Wire strap (black)(metal)(small)	IH-0000012	1.00
11.) Motor mount (black)	BI-0000062	15.00	44.) Pilot (yellow) (both)(2 mounting holes & split in the middle) (Caterpillar®)(# 76)	DG-2250043	15.00
12.) Screw (yellow Zinc) (M2.5x6.0mm)(roundhead)(w/ lock washer)	IA-0000089	0.15	45.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
13.) Screw (M3x14.0mm)(roundhead)(w/ lock washer)	IA-0000012	0.15	46.) Screw (nickel) (M3x6.0mm)(roundhead)	IA-0000015	0.15
14.) Bracket (black) (15.0x22.0mm plastic base w/ 9.2mm step) (for bayonet bulb)	IH-0000267	4.00	47.) Insulator (black) (plastic)(pick-up)(top)(square)	BD-0000047	2.00
15.) Screw (M3x6.0mm)(roundhead)	IA-0000016	0.15	48.) T-bar (black)(plastic)	IG-0000001	0.50
16.) Bulb (clear) (6v)(small globe)(bayonet base)	CG-0000024	1.00	49.) Proto-Coupler® 2.0 (44.5mm long)	DD-0000033	10.00
17.) Bracket (black) (battery)(vertical mount)(plastic)	IH-0000042	3.00	50.) Spring (nickel) (6.5x11.0mm)(w/ 0.4mm thick wire)	IE-0000007	0.50
18.) Screw (M3x4.0mm)(roundhead)	IA-0000010	0.15	51.) Washer (4.5x10.0x0.6mm)	ID-0000041	0.15
19.) Battery	BG-4000001	9.95	52.) E-clip (3.0x8.0x0.5mm)	IF-0000002	0.15
20.) Battery leads (100.0mm long wires w/ small black male 2 pin plug) (70.0mm long wires w/ battery charger jack)	BC-0000110	6.00	53.) Traction tire (black)(rubber)	DE-0000018	0.75
21.) Screw (M2x4.0mm)(roundhead)	IA-0000058	0.15	54.) Truck side (black) (left front/right rear)(truck sides mount from top)	DB-2000007	7.00
22.) Battery charger jack (black) (complete)	BG-0000001	3.00	55.) Truck side (black) (right front/left rear)(truck sides mount from top)	DB-2000008	7.00
23.) Boards (Proto-Sound® 2.0)	AE-0000001	*200.00	56.) Truck (powered)(3 axle) (2 threaded screw holes for mounting pilot) (truck sides mount from top)	DA-2000017	*35.00
24.) Screw (M3x3.0mm)(roundhead)	IA-0000296	0.15	57.) Nut (nickel) (2.5x5.0x10.0mm)	IC-0000005	0.50
25.) Bracket (Aluminum) (15.0x42.0mm)(19.0mm step) (for Proto-Sound® 2.0 boards)	IH-0000253	3.00	58.) Insulator (black) (pick-up)(bottom)(square)(plastic)	BD-0000001	2.00
26.) Screw (6/32x12.0mm)(roundhead)	IA-0000103	0.15	59.) Pick-up (8.0x11.0mm roller)(24.0mm long)	BD-0000013	5.00
27.) Insulator washer (white) (3.0x6.0x3.0mm)	ID-0000025	0.15	60.) Lens (clear) (headlight)(V-shaped mounting)	FA-2230003	2.00
28.) Voltage regulator (LM2937ET)	AG-0000032	3.00	NS.) Wire harness (black male 12 pin plug)	BC-2200025	12.00
29.) Insulator (clear) (13.0x16.0x0.1mm)(single hole)	ID-0000024	0.15	NS.) Wire harness (black male 7 pin plug)	BC-2200026	8.00
30.) Spacer (black) (plastic)(3.0x6.0x4.0mm)	ID-0000071	0.15	NS.) Wire harness (black male 5 pin plug)	BC-2200027	4.00
31.) Volume pot (small) (blue pot mounted on green PC board)	BI-0000040	5.00	NS.) Wire harness (black male 2 pin plug)	BC-2200028	3.00
32.) Speaker cone (black) (34.0x37.8x11.0mm)(plastic)(2 screw hole tabs) (shaved on 2 sides)	BF-0000025	4.00			
33.) Screw (M3x8.0mm)(roundhead)	IA-0000035	0.15			

*Requires Exchange
All parts are priced as each



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