

RAILKING[®]
By M.T.H. Electric Trains

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Powered Doodlebug Diesel Engine



REV.082801



Powered Doodlebug Diesel Engine

Engine Parts

Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Shell (B&O)(# 6005)	FC-2200110	*50.00	39.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15
1.) Shell (Santa Fe)(# M131)	FC-2200111	*50.00	40.) Motor mount	BI-0000009	15.00
1.) Shell (C&NW)(# 9923)	FC-2200112	*50.00	41.) Screw (yellow Zink) (M2.5x6.0mm)(roundhead)	IA-0000166	0.15
1.) Shell (PRR)(# 4666)	FC-2200113	*50.00	42.) Screw (M3x14.0mm)(roundhead)(w/ lock washer)	IA-0000012	0.15
2.) Diaphragm (black) (4 rib)(rubber)(B&O)(Santa Fe)	FI-0000016	2.00	43.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15
2.) Diaphragm (black) (2 rib)(rubber)(PRR)(C&NW)	FI-0000026	2.00	44.) Switch	BB-1040004	5.00
3.) Bell (nickel)(PRR)(C&NW)	FB-1200002	6.00	45.) Screw (8/32x7.0mm)(roundhead)	IA-0000063	0.15
3.) Bell (nickel)(B&O)(Santa Fe)	FB-1200101	6.00	46.) Speaker bracket	IH-0000108	1.00
4.) Lens (clear)(headlight)	FA-2200010	2.00	47.) Speaker (Star, PR-05004-08)(8 ohms)(0.2 watt)	BF-4500008	8.95
5.) Window (front)	FA-2230016	2.00	48.) Screw (4/40x30.0mm) (w/ 14.0mm undersized shank)(roundhead)	IA-0000115	0.15
6.) Window (side)(small)	FA-2230017	3.00	49.) Heat sink (Aluminum) (3.0x20.0x18.0mm)	AI-0000004	2.00
7.) Window (side)(large)	FA-2230018	3.00	50.) Contact board	BH-0000030	2.00
8.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15	50.) Contact board (PRR)(C&NW)	BH-0000032	2.00
9.) Volume pot	BI-4500001	5.00	51.) Chassis (PRR)(C&NW)	DH-2200031	*15.00
10.) Bracket (volume pot)	IH-0000023	3.00	51.) Chassis (B&O)(Santa Fe)	DH-2200032	*15.00
11.) Washer (7.0x12.0x0.5mm)	ID-0000034	0.15	52.) Screw (M3x16.0mm)(washer head)(self-drilling)	IA-0000025	0.15
12.) Clip (top)	IF-0000006	1.00	53.) Screw (M3x6.0mm)(flathead)	IA-0000073	0.15
13.) Screw (M3x8.0mm)(roundhead)(self-drilling)	IA-0000072	0.15	54.) Pilot (black) (rear)(PRR)(C&NW)	DG-2240004	8.00
14.) Nut (6.0x10.0x2.0)(for volume pot)	IC-0000007	0.50	54.) Pilot (black) (rear)(B&O)(Santa Fe)	DG-2240005	8.00
15.) Bracket (battery)	IH-0000108	3.00	55.) T-bar	IG-0000001	0.50
16.) Interior detail	FC-2200107	3.00	56.) Proto-Coupler®	DD-4000001	10.00
17.) Contact spring	IE-0000015	0.50	57.) Washer (black) (cup shaped for spring to fit in)	ID-0000060	0.15
18.) Contact spring base	BH-0000001	1.00	58.) Spring (6.5x14.0mm)(w/ 0.5mm thick wire)	IE-0000022	0.50
19.) L.E.D. (red)(B&O)(ATSF)	CC-0000008	4.00	59.) E-clip (3.0x8.0x0.5mm)	IF-0000002	0.15
19.) L.E.D. (green) (PRR)(C&NW)	CC-0000017	4.00	60.) Truck side (black) (for 2 axle truck)(mounts from bottom)	DB-2060009	7.00
20.) Interior detail (w/seats)	FC-2200114	*10.00	61.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
21.) Screw (M3x12.0mm)(washer head)(self-drilling)	IA-0000133	0.15	62.) Screw (nickel) (M3x8.0mm)(roundhead)	IA-0000164	0.15
22.) Battery	BG-4000001	10.00	63.) Pick-up (8.0x11.0mm roller)(28.0mm long)	BD-0000025	5.00
23.) Battery leads	BC-0000003	5.00	64.) Insulator (black) (pick-up)(bottom)(flat w/ rect. box)(18.0x30.0mm)	BD-0000039	2.00
24.) Motor (RS-385PH) (w/ 8.0x17.0mm worm gear, 10.5mm long threads)	BE-0000022	25.00	65.) Nut (nickel)(2.5x5.0x10.0mm)	IC-0000005	0.50
25.) Board (Proto-Sound®)(bottom)	AD-4500001	*60.00	66.) Insulator (black) (top)(square)(pick-up)	BD-0000015	2.00
26.) Clip (bottom)	IF-0000007	1.00	67.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
27.) Proto-Sound® chip	N/A	19.95	68.) Screw (nickel) (M3x8.0mm)(roundhead)	IA-0000164	0.15
28.) Board (Proto-Sound®)(top)	AE-4500001	*100.00	69.) Screw (M3x6.0mm)(roundhead)	IA-0000016	0.15
29.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15			
30.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15			
31.) Bracket (Proto-Sound®)	IH-0000029	1.00			
32.) Rubber band	BI-4500004	0.50			
33.) Interior detail	FC-2200106	4.00			
34.) Bulb (1.5v) (blue wires)(grain of wheat)(90.0mm long wires)	CA-0000014	2.00			
35.) Interior detail	FC-2200115	10.00			
36.) Step	FC-2200116	3.00			
37.) Contact board (PRR)(C&NW)	BH-0000029	2.00			
37.) Contact board (B&O)(Santa Fe)	BH-0000031	2.00			
38.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15			

*Requires Exchange
All parts are priced as each



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Engine Parts

Name and Number	Part #	\$Price Per Unit
70.) Undercarriage detail (PRR)(C&NW)	FC-2200109	*10.00
70.) Undercarriage detail (B&O)(Santa Fe)	FC-2200110	*10.00
71.) Pilot (black) (front)(PRR)(C&NW)	DG-2130010	15.00
71.) Pilot (black) (front)(B&O)(Santa Fe)	DG-2130011	15.00
72.) Proto-Coupler®	DD-0000004	10.00
73.) Truck (PRR)(C&NW)	DA-2000008	*30.00
73.) Truck (B&O)(Santa Fe)	DA-2000009	*30.00
74.) Socket	CH-0000018	1.00
75.) Bulb (w/ base)(gray) (base has a overhang over the bulb)	CG-0000018	1.00
NS.) Traction tire (black)(rubber)	DE-0000018	0.75

Horn Only Parts

25.) Board (DCRU)	AF-4500004	39.95
28.) Board (horn)	AC-0000001	29.95
43.) Screw (4/40x5.0mm)(roundhead)	IA-0000201	0.15
44.) Switch	BB-1040002	5.00
46.) Speaker bracket	IH-0000109	1.00
47.) Speaker (Unison)(U5008BC3)(8 ohms)(0.5 watt)	BF-4500010	8.95
56.) Coupler (rear)	DD-0000011	3.00
NS.) Armature	DD-0000012	1.00
72.) Coupler (front)	DD-0000009	3.00
NS.) Armature	DD-0000010	1.00

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