

RAILKING[®]
By M.T.H. Electric Trains

30-4078-1

F59PH Diesel Engine



AE092802

F59PH Diesel Engine

Engine Parts

Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Vent (dark blue) (Amtrak)(# 450)	FC-2200271	5.00	32.) Spacer (black) (plastic)(3.0x6.0x4.0mm)	ID-0000071	0.15
2.) Lens (clear)(4.0x6.0x8.5mm) (angled lens head)(4 ribs for press fit)(reverse light)	FA-0000094	2.00	33.) Volume pot (small) (blue pot mounted on green PC board)	BI-0000040	5.00
3.) Sand fill cap (dark blue) (Amtrak)(# 450)	FC-2200272	2.00	34.) Screw (M3x8.0mm)(roundhead)	IA-0000035	0.15
4.) Lens (clear)(2.5x9.0mm)	FA-0000095	2.00	35.) Insulator (clear) (13.0x16.0x0.1mm)(single hole)	ID-0000024	0.15
5.) Brace (silver)(Amtrak)(# 450)	FC-2200273	5.00	36.) Voltage regulator (LM2937ET)	AG-0000032	3.00
6.) Air horns (silver)(5 chime)	FC-2200274	5.00	37.) Insulator washer (white) (3.0x6.0x3.0mm)	ID-0000025	0.15
7.) Shell (Amtrak)(# 450) (dark blue, silver, white, black)	FC-2200275	*85.00	38.) Screw (M3x6.0mm)(roundhead)	IA-0000016	0.15
8.) Vent (silver)(Amtrak)(# 450)	FC-2200276	8.00	39.) Screw (6/32x12.0mm)(roundhead)	IA-0000103	0.15
9.) Screw (M3x8.0mm)(flathead)(plastic cutting threads)	IA-0000330	0.15	40.) Bracket (Aluminum) (15.0x38.0mm)(16.5mm step) (for Proto-Sound® 2.0 boards)	IH-0000206	3.00
10.) Lens (clear) (9.5x17.5x0.5mm)(door lens)	FA-0000096	1.00	41.) Screw (M3x4.0mm)(roundhead)	IA-0000010	0.15
11.) Lens (clear) (18.5x5.0x28.5x0.5mm)(side windows)	FA-0000097	1.00	42.) Tach board	AG-0000033	6.00
12.) Lens (clear) (54.5x25.0x0.5mm)(windshield)	FA-0000098	2.00	43.) Boards (Proto-Sound® 2.0)	AE-0000001	*200.00
13.) Number board (right)(sticker) (black w/ white letters)(Amtrak)(# 450)	FG-2210001	2.00	44.) Screw (M3x16.0mm)(washer head)(self-drilling)	IA-0000025	0.15
14.) Number board (left)(sticker) (black w/ white letters)(Amtrak)(# 450)	FG-2220001	2.00	45.) Handrail (silver)(rear)	FC-2240012	8.00
15.) Lens (clear) (4.5x11.6x1.5mm)(2 tabs) (headlight lens that fits inside of shell)	FA-0000099	2.00	46.) Wire nut (yellow)	BI-4500003	0.25
16.) Lens (clear)(12.8x9.0x6.0mm) (headlight lens that fits on outside of shell)	FA-0000100	3.00	47.) Screw (M2x4.0mm)(roundhead)	IA-0000058	0.15
17.) Lens (red)(2.8x5.0x5.2mm) (0.8x7.0mm lens head)(4 ribs for press fit)	FA-0000101	2.00	48.) Battery charger jack (black) (complete)	BG-0000001	3.00
18.) Lens (clear)(3.0x8.5mm) (2.4x6.0mm lens head)(4 ribs for press fit)	FA-0000102	2.00	49.) Battery leads (195.0mm long wires w/ small black male 2 pin plug) (85.0mm long wires w/ battery charger jack)	BC-0000111	6.00
19.) Rubber band	BI-4500004	0.50	50.) Battery	BG-4000001	10.00
20.) Motor (RS-365SH) (8.0x17.0mm worm gear w/ 11.0mm long threads) (9.0x30.0mm black flywheel)	BE-0000046	25.00	51.) Bracket (black) (battery)(vertical mount)(plastic)	IH-0000042	3.00
21.) Motor (RS-365SH) (8.0x17.0mm worm gear w/ 11.0mm long threads) (9.0x30.0mm white flywheel w/ black stripes) (w/ tach board mount)	BE-0000072	25.00	52.) Chassis (black) (for Proto-Sound® 2.0 & Loco-Sound™ w/ battery jack)	DD-2200006	*15.00
22.) Motor mount (black)	BI-0000005	15.00	53.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
23.) Screw (yellow Zinc) (M2.5x6.0mm)(roundhead)(w/ lock washer)	IA-0000089	0.15	54.) Bracket (black)(speaker)	IH-0000044	1.00
24.) Screw (M3x14.0mm)(roundhead)(w/ lock washer)	IA-0000012	0.15	55.) Speaker (STAR)(PR-050-A111)(16 ohms)(MAX 2W)(121E)	BF-0000007	8.95
25.) Bulb (clear) (6v)(small globe)(screw base)(headlight)	CA-0000038	1.00	56.) Speaker ring seal (black) (43.8x49.8x3.0mm)(foam)	IB-0000009	0.75
26.) Screw (M3x3.0mm)(roundhead)	IA-0000296	0.15	57.) Fuel tank (silver) (Amtrak)(# 450)	FC-2200277	*15.00
27.) Bracket (black) (11.3x19.0mm)(19.5mm step)(metal) (w/ small screw base socket)	IH-0000268	3.00	58.) Truck side (silver) (truck sides mount from bottom)	DB-2060018	7.00
28.) Screw (4/40x6.0mm)(flathead)	IA-0000038	0.15	59.) Screw (nickel) (M3x6.0mm)(roundhead)	IA-0000015	0.15
29.) Wire strap (black) (metal)(small)	IH-0000012	1.00	60.) Insulator (black) (plastic)(pick-up)(top)(square)	BD-0000047	2.00
30.) Pilot (silver)(front) (2 mounting holes & split in the middle) (Amtrak)(# 450)	DG-2230016	15.00	61.) Truck (powered)(2 axle) (2 threaded screw holes for mounting pilot) (truck sides mount from bottom)	DA-2000013	*30.00
31.) Pilot (silver)(rear) (2 mounting holes & split in the middle) (Amtrak)(# 450)	DG-2240010	15.00	62.) Traction tire	DE-0000018	0.75
			63.) T-bar (black)(plastic)	IG-0000001	0.50

*Requires Exchange
All parts are priced as each



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64.) Proto-Coupler® 2.0 (44.5mm long)	DD-0000033	10.00
65.) Spring (nickel) (6.5x11.0mm)(w/ 0.4mm thick wire)	IE-0000007	0.50
66.) Washer (4.5x10.0x0.6mm)	ID-0000041	0.15
67.) E-clip (3.0x8.0x0.5mm)	IF-0000002	0.15
68.) Nut (nickel) (2.5x5.0x10.0mm)	IC-0000005	0.50
69.) Insulator (black)(plastic) (pick-up)(bottom)(flat w/ rect. box)(18.0x30.0mm)	BD-0000039	2.00
70.) Pick-up (8.0x11.0mm roller)(28.0mm long)	BD-0000025	5.00
NS.) Wire harness (black male 12 pin plug)	BC-2200031	12.00
NS.) Wire harness (black male 7 pin plug)	BC-2100002	10.00
NS.) Wire harness (black male 5 pin plug)	BC-2200032	4.00
NS.) Wire harness (black male 2 pin plug)	BC-2200033	3.00
NS.) Wire harness (blue male 2 pin plug)	BC-2200034	3.00

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