



AEM-7

20-5505-1

20-5506-1



AEM-7

Parts

Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Dynamic brake grid cover (silver)(Amtrak)(Septa)	FF-3100001	8.00	22.) Pantograph air cylinder (gray)(Septa)	FF-3100035	6.00
2.) Dynamic brake grid (silver)(Amtrak)(Septa)	FF-3100002	6.00	23.) High tension lead (long) (black)(Amtrak)(Septa)	FF-3100036	5.00
3.) Pantograph (black)(Amtrak)	FF-3100003	20.00	24.) Handrail (blue)(Amtrak) (13.0mm long)	FF-3100037	1.00
3.) Pantograph (orange)(Septa)	FF-3100004	20.00	24.) Handrail (white)(Septa) (13.0mm long)	FF-3100038	1.00
4.) Insulator (pantograph)(brown)	FF-3100005	1.00	25.) Handrail (silver)(Amtrak) (13.0mm long)	FF-3100039	1.00
5.) Grill (black)(Amtrak) (3.5X50.0mm)	FF-3100006	2.00	25.) Handrail (red)(Septa) (13.0mm long)	FF-3100040	1.00
5.) Grill (gray)(Septa) (3.5X50.0mm)	FF-3100007	2.00	26.) Handrail (silver) (13.0mm long)(Amtrak)(Septa)	FF-3100041	1.00
6.) Grill (black)(Amtrak) (5.5X50.0mm)	FF-3100008	2.00	27.) Side mirror (silver) (Amtrak)(Septa)	FF-3100042	2.00
6.) Grill (gray)(Septa) (5.5X50.0mm)	FF-3100009	2.00	28.) High tension connector (black)(Amtrak)(Septa)	FF-3100043	5.00
7.) Grill (black)(Amtrak) (4.5X105.0mm)	FF-3100010	3.00	29.) Main circuit breaker (white)(Amtrak)(Septa)	FF-3100044	6.00
7.) Grill (gray)(Septa) (4.5X105.0mm)	FF-3100011	3.00	30.) High tension lead buss (black)(Amtrak)	FF-3100045	4.00
8.) Handrail (nickel) (33.0mm long)(Amtrak)(Septa)	FF-3100012	1.00	30.) High tension lead buss (white)(Septa)	FF-3100046	4.00
9.) Door (right front/left rear) (silver, red, white & blue)(Amtrak)	FF-3100013	6.00	31.) Dynamic brake grid cables (black)(left)(Amtrak)	FF-3100047	3.00
9.) Door (right front/left rear) (silver & red)(Septa)	FF-3100014	6.00	31.) Dynamic brake grid cables (gray)(left)(Septa)	FF-3100048	3.00
10.) Door (left front/right rear) (silver, red, white & blue)(Amtrak)	FF-3100015	6.00	32.) Dynamic brake grid cables (black)(right)(Amtrak)	FF-3100049	3.00
10.) Door (left front/right rear) (silver & red)(Septa)	FF-3100016	6.00	32.) Dynamic brake grid cables (gray)(right)(Septa)	FF-3100050	3.00
11.) Lens (door)(clear)	FA-0000057	1.00	33.) High tension lead (short) (black)(Amtrak)(Septa)	FF-3100051	5.00
12.) Pantograph lock down (black)(Amtrak)(Septa)	FF-3100017	6.00	34.) Potential transformer (gray)(Amtrak)(Septa)	FF-3100052	6.00
13.) Bolt (pantograph mount) (M2.5X7.0mm long)	IA-0000302	1.00	35.) Windshield wipers (black) (left front/ right rear)(Amtrak)(Septa)	FF-3100053	1.00
14.) AC unit (black)(Amtrak)	FF-3100018	4.00	36.) Windshield wipers (black) (right front/ left rear)(Amtrak)(Septa)	FF-3100054	1.00
14.) AC unit (white)(Septa)	FF-3100019	4.00	37.) Number board (# 906) (Amtrak)	FG-3100001	1.00
15.) Air horns (silver)(Amtrak)	FF-3100020	5.00	37.) Number board (# 924) (Amtrak)	FG-3100002	1.00
15.) Air horns (gray)(Septa)	FF-3100021	5.00	37.) Number board (# 938) (Amtrak)	FG-3100003	1.00
16.) Handrail (black) (13.0mm long)(Amtrak)	FF-3100022	1.00	37.) Number board (# 2303) (Septa)	FG-3100004	1.00
16.) Handrail (gray) (13.0mm long)(Septa)	FF-3100023	1.00	37.) Number board (# 2305) (Septa)	FG-3100005	1.00
17.) Handrail (black) (11.0mm long)(Amtrak)	FF-3100024	1.00	37.) Number board (# 2307) (Septa)	FG-3100006	1.00
17.) Handrail (gray) (11.0mm long)(Septa)	FF-3100025	1.00	38.) Handrail (black) (11.0mm long)(Amtrak)	FF-3100055	1.00
18.) Antenna (black)(Amtrak)	FF-3100026	1.00	38.) Handrail (gray) (11.0mm long)(Septa)	FF-3100056	1.00
18.) Antenna (gray)(Septa)	FF-3100027	1.00			
19.) Pantograph grounder (red)(Amtrak)	FF-3100028	3.00			
19.) Pantograph grounder (white)(Septa)	FF-3100029	3.00			
20.) Pantograph lock down latch (black)(Amtrak)	FF-3100030	5.00			
20.) Pantograph lock down latch (gray)(Septa)	FF-3100031	5.00			
21.) Lift ring (black)(Amtrak)	FF-3100032	0.50			
21.) Lift ring (gray)(Septa)	FF-3100033	0.50			
22.) Pantograph air cylinder (black)(Amtrak)	FF-3100034	6.00			

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Parts

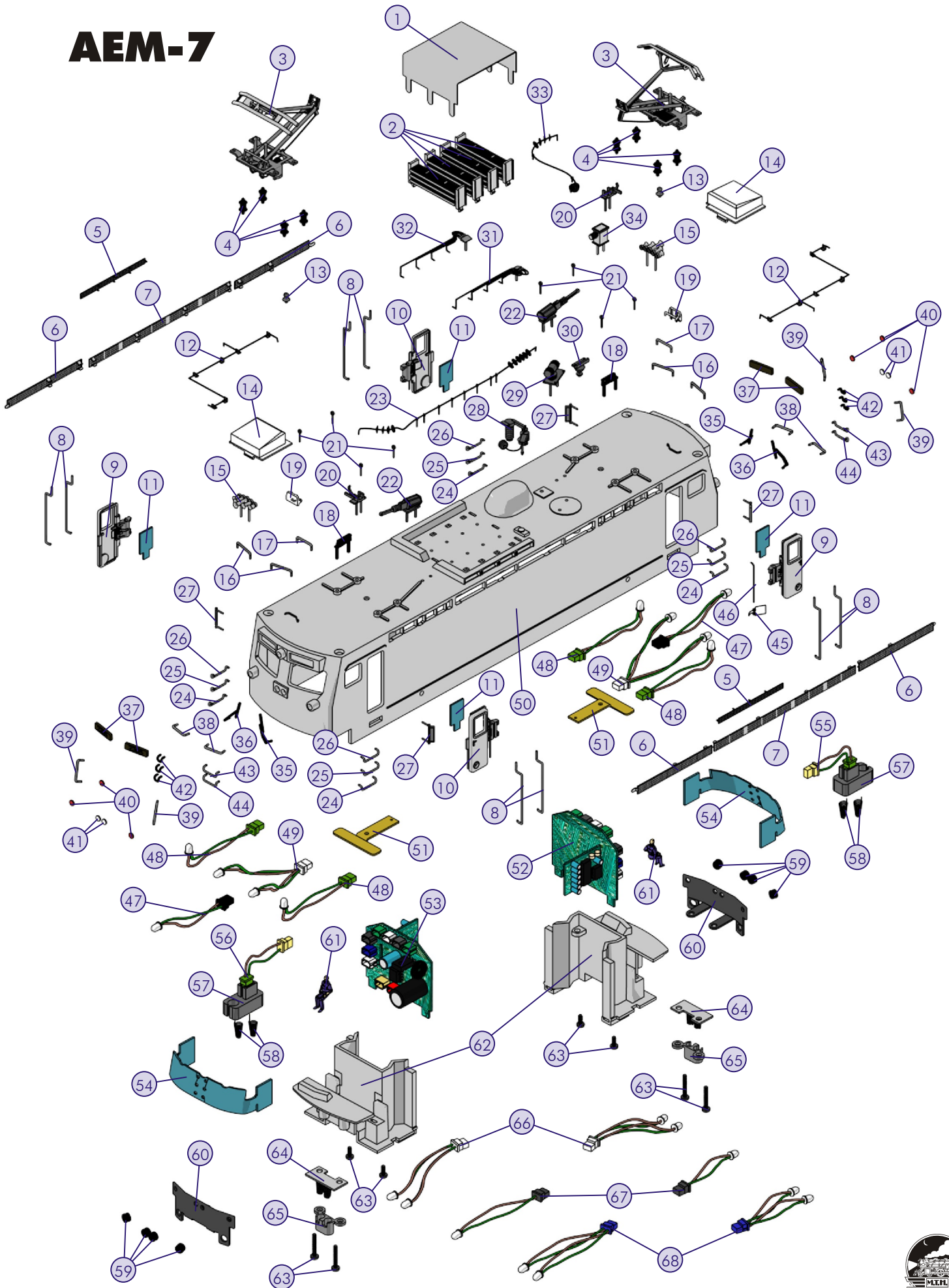
Name and Number	Part #	\$Price Per Unit
39.) Handrail (silver) (13.0mm long)(1.2mm thick)(Amtrak)	FF-3100057	1.00
39.) Handrail (gray) (13.0mm long)(1.2mm thick)(Septa)	FF-3100058	1.00
40.) Lens (marker)(red)	FA-0000058	1.00
41.) Lens (headlight)(clear)	FA-0000059	1.00
42.) Handrail (black) (5.0mm long)(Amtrak)	FF-3100059	1.00
42.) Handrail (gray) (5.0mm long)(Septa)	FF-3100060	1.00
43.) Handrail (silver) (11.5mm long)(Amtrak)(Septa)	FF-3100061	1.00
44.) Handrail (silver) (11.5mm long)(Amtrak)	FF-3100062	1.00
44.) Handrail (red) (11.5mm long)(Septa)	FF-3100063	1.00
45.) Spring (door)	IE-0000052	1.00
46.) Pin (door hinge)(21.3mm long)	FC-2100365	0.25
NS.) Hinge (door)	FC-2100364	1.00
47.) Bulb (6V)(clear) (75.0mm long wires)(black wires)	CC-0000029	2.00
48.) L.E.D.s (clear)(yellow flash) (90.0mm long wires)(green plug)	CE-0000006	4.00
49.) Bulbs (6V)(clear)(2 bulbs) (90.0mm long wires)(black wires)	CC-0000030	3.00
50.) Shell (# 906)(Amtrak) (black, silver, red, white & blue)	FF-3100064	*100.00
50.) Shell (# 924)(Amtrak) (black, silver, red, white & blue)	FF-3100065	*100.00
50.) Shell (# 938)(Amtrak) (black, silver, red, white & blue)	FF-3100066	*100.00
50.) Shell (# 2303)(Septa) (black, silver, red, white & blue)	FF-3100067	*100.00
50.) Shell (# 2305)(Septa) (black, silver, red, white & blue)	FF-3100068	*100.00
50.) Shell (# 2307)(Septa) (black, silver, red, white & blue)	FF-3100069	*100.00
51.) Bracket (pantograph mounting)	IH-0000135	2.00
52.) CV board (rear)	AG-0000035	30.00
53.) CV board (front)	AG-0000036	30.00
54.) Windshield	FA-0000060	6.00
55.) Wire harness (50.0mm long wires)(yellow & green male plugs)	BC-0000067	2.00
56.) Wire harness (50.0mm long wires)(blue & yellow male plugs)	BC-0000068	2.00
57.) Contact spring base (black)	BH-0000001	2.00
58.) Contact springs	IE-0000015	0.50
59.) Grommet	IH-0000010	0.15
60.) Light bracket (black) (metal)(headlight/ marker lights)	IH-0000136	3.00
61.) Engineer	FI-0000001	5.00
62.) Interior detail (gray)	FF-3100070	8.00
63.) Screw (M3X10.0mm) (plastic cutting threads)(roundhead)	IA-0000203	0.15
64.) Contact spring board (w/ springs)	BH-0000037	2.00
65.) Contact spring base (gray)	BH-0000038	2.00

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66.) Bulbs (6V)(clear)(2 bulbs) (215.0mm long wires)(black wires) (185.0mm long wires)(black wires)	CC-0000031	3.00
67.) Bulb (6V)(clear) (140.0mm long wires)(black wires)	CG-0000025	2.00
68.) Bulbs (6V)(clear)(2 bulbs) (135.0mm long wires)(blue wires)	CA-0000032	3.00

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Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Board (Proto-Sound®)(top)	AE-4500001	*100.00	36.) Traction tire	DE-0000018	0.75
2.) Proto-Sound Chip®	N/A	19.95	37.) Truck (powered)(2 axle)	DA-3100001	*30.00
3.) Board (Proto-Sound®)(bottom)	AD-4500001	*60.00	38.) Nut (nickel) (2.5X5.0X7.0mm)	IC-0000008	0.50
4.) Bracket (Proto-Sound®)	IH-0000072	2.00	39.) Insulator (pick-up)(bottom)	BD-0000001	2.00
5.) Insulator	ID-0000024	0.15	40.) Pick-up (8.0X11.0mm roller)(24.0mm long)	BD-0000050	5.00
6.) Insulator washer	ID-0000025	0.15	41.) Bell (w/ bracket)(brass)	FF-3100072	5.00
7.) Screw (4/40X6.0mm)(roundhead)	IA-0000003	0.15	42.) Screw (4/40X3.0mm)(roundhead)	IA-0000275	0.15
8.) Rubber band	BI-4500004	0.50	43.) Fuel Tank (black) (Amtrak)(Septa)	FF-3100073	*15.00
9.) Bracket (battery)(plastic)	IH-0000048	3.00	44.) Speaker (Star, PR-05004-08) (8 ohms, 0.2w)	BF-4500008	8.95
10.) Screw (4/40X3.0mm)(roundhead)	IA-0000275	0.15	45.) Bracket (speaker)(rounded corners)	IH-0000129	1.00
11.) Battery	BG-4000001	9.95	46.) Screw (M3X18.0mm)(washer head)(self-drilling)	IA-0000107	0.15
12.) Battery leads (145.0mm long)	BC-0000003	5.00	47.) Bracket (black)(metal) (for mounting battery bracket)	IH-0000137	3.00
13.) Motor (RS-365SH) (6.2X14.5mm long worm gear)(13.0mm long threads) (7.5X30.0mm tapered flywheel)(brass flywheel)	BE-0000064	25.00	48.) Chassis (black)	DH-3100001	*15.00
14.) Motor mount (black)	BI-0000047	15.00			
15.) Screw (yellow Zink) (M2.5X6.0mm)(roundhead w/ lock washer)	IA-0000089	0.15			
16.) Screw (M3X12.0mm)(roundhead w/lock washer)	IA-0000020	0.15			
17.) Contact spring board (12.7X21.8mm)	BH-0000039	2.00			
18.) Contact spring board (10.7X22.3mm)	BH-0000040	2.00			
19.) Volume pot (small volume pot)(blue w/ green board)	BI-0000040	5.00			
20.) Screw (4/40X20.0mm)(roundhead)	IA-0000112	0.15			
21.) Heat sink (3.0X20.0X10.0mm)(2.4X10.0mm hole on bottom)	AI-0000028	2.00			
22.) Screw (M2X3.0mm)(roundhead)	IA-0000018	0.15			
23.) Switch (large)	BB-0000006	5.00			
24.) T-bar	IG-0000001	0.50			
25.) Screw (4/40X6.0mm)(flathead)	IA-0000038	0.15			
26.) Proto-coupler® (51.5mm long)	DD-0000001	10.00			
27.) Spring (6.5X14.0mm)(w/ 0.5mm thick wire)	IE-0000022	0.50			
28.) Washer (4.5X10.0X0.5mm)	ID-0000009	0.15			
29.) E-clip (3.0X8.0X0.5mm)	IF-0000002	0.15			
30.) Pilot (blue)(Amtrak)	DG-3150001	15.00			
30.) Pilot (gray)(Septa)	DG-3150002	15.00			
31.) Ladder (black) (Amtrak)(Septa)	FF-3100071	3.00			
32.) Truck side (black) (right front/ left rear)	DB-3100001	8.00			
33.) Truck side (black) (left front/ right rear)	DB-3100002	8.00			
34.) Screw (nickel) (M3X6.0mm)(roundhead)	IA-0000015	0.15			
35.) Pick-up insulator (top)	BD-0000015	2.00			

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