



Dash 9

20-2179-a
20-2172-1



REV.021501

Dash 9

Engine Parts

Name and Number	Part #	\$Price Per Unit	Name and Number	Part #	\$Price Per Unit
1.) Shell (orange & green) (BNSF)(# 964)	FC-2100011	*100.00	35.) Bracket (metal)(interior lights)	IH-0000009	3.00
1.) Shell (orange & green) (BNSF)(# 966)	FC-2100012	*100.00	36.) Grommet (black) (4.5x5.0mm)(rubber)	IH-0000010	0.50
1.) Shell (orange & green) (BNSF)(# 972)	FC-2100013	*100.00	37.) Engineer	FI-0000001	5.00
2.) Handrail (black)(left)	FC-2120002	12.00	38.) Engineer base	FI-0000002	1.00
3.) Handrail (black)(right)	FC-2110002	12.00	39.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
4.) Handrail (black)(rear)	FC-2140002	8.00	40.) Motor cover (gray)	BI-0000010	7.00
5.) Handrail (black)(front)	FC-2130002	8.00	41.) Rubber band	BI-4500004	0.50
6.) Brake wheel (orange) (BNSF)	FC-2100014	2.00	42.) Board (top)(Proto-Sound®)	AE-4500001	*100.00
7.) Number board (BNSF)(# 964)	FG-2100010	2.00	43.) Proto-Sound Chip®	N/A	19.95
7.) Number board (BNSF)(# 966)	FG-2100011	2.00	44.) Board (bottom)(Proto-Sound®)	AD-4500001	*60.00
7.) Number board (BNSF)(# 972)	FG-2100012	2.00	45.) Motor (R5-385PH) (8.5x20.0mm long worm gear)	BE-0000025	25.00
8.) Bulbs (clear)(1.5v)(2) (grain of wheat)(92.0mm long wires)	CA-0000003	3.00	46.) Motor mount (black)	BI-0000015	15.00
9.) Sand fill cap (green) (BNSF)	FC-2100015	1.00	47.) Screw (M3x4.0mm)(roundhead)	IA-0000010	0.15
10.) Exhaust stack (silver)	FC-2100016	3.00	48.) Contact spring board	BH-0000006	2.00
11.) Air horns (3 chime)	FC-2100017	3.00	49.) Chassis (black)	DH-2100002	*15.00
12.) Window (clear)(left)	FA-2120002	4.00	50.) Battery	BG-4000001	9.95
13.) Window (clear)(front)	FA-2130001	4.00	51.) Bracket (Proto-Sound®)	IH-0000022	3.00
14.) Insulator (clear) (13.0x19.0x0.1mm)(single hole)	ID-0000024	0.15	52.) Insulator washer (white) (3.0x6.0x3.0mm)	ID-0000025	0.15
15.) Window (clear)(right)	FA-2110003	4.00	53.) Screw (4/40x6.0 mm)(roundhead)	IA-0000003	0.15
16.) Antenna (orange) (BNSF)	FC-2100018	2.00	54.) Screw (M3x4.0mm)(roundhead)	IA-0000010	0.15
17.) Handrail (green) (10.0mm long)(top of cab)(BNSF)	FC-2100019	1.00	55.) Screw (4/40x6.0 mm)(roundhead)	IA-0000003	0.15
18.) Handrail (green) (v-shape)(top of cab)(BNSF)	FC-2100020	2.00	56.) Battery leads	BC-4000009	5.00
19.) Handrail (black) (front of cab)(right)(BNSF)	FC-2110003	2.00	57.) Heat sink (Aluminum) (3.0x20.0x15.0mm)	AI-0000008	2.00
20.) Handrail (black) (front of cab)(left)(BNSF)	FC-2120003	2.00	58.) Contact spring board	BH-0000007	2.00
21.) Window (clear) (door)(front of cab)	FA-2130002	1.00	59.) Screw (M3x4.0mm)(roundhead)	IA-0000010	0.15
22.) Lens (clear)(ditch light)	FA-2130003	0.50	60.) Screw (yellow Zink) (M2.5x6.0mm)(roundhead w/lock washer)	IA-0000001	0.15
23.) Lens (clear) (headlight / back-up light)	FA-2150002	5.00	61.) Volume pot (B10K, S.W.)	BI-4500008	5.00
24.) Bulbs (clear)(1.5v)(2) (grain of wheat)	CA-0000006	3.00	62.) Bracket (black) (volume pot)(plastic)(u-shaped)	IH-0000023	2.00
25.) Screw (yellow Zink) (M2.6x6.0mm)(round head)(self-drilling)	IA-0000032	0.15	63.) Nut (6.0x10.0x2.0)(for volume pot)	IC-0000007	0.50
26.) PCB (12.0x23.0mm) (headlight / ditch lights)	AG-0000002	5.00	64.) Screw (4/40x32.0mm)(flathead)	IA-0000033	0.15
27.) Contact spring base (black)	BH-0000001	2.00	65.) Switch (large)	BB-0000006	5.00
28.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15	66.) Screw (M2x4.0mm)(roundhead)	IA-0000058	0.15
29.) Washer (3.5x9.0x0.5mm)	ID-0000032	0.15	67.) Screw (M3x17.0mm)(flathead)(self-drilling)	IA-0000139	0.15
30.) Contact spring (copper)	IE-0000015	0.50	68.) Snow plow (green)(BNSF)	FH-2130003	3.00
31.) Smoke unit (split case)(25.5mm long post)	AA-0000002	50.00	69.) Screw (M2x4.0mm)(roundhead)	IA-0000058	0.15
32.) Smoke unit funnel (black) (13.0x25.0mm)(plastic)	AA-0000003	3.00	70.) CV board	AG-0000003	20.00
33.) Bulbs (clear)(6v)(2) (grain of wheat)(cab interior)	CA-0000004	3.00	71.) Speaker (Unison)(U5008BC3)(8 ohms)(0.5 watt)	BF-4500010	8.95
34.) Screw (yellow Zink) (M2.6x6.0mm)(round head)(self-drilling)	IA-0000032	0.15	72.) Screw (M3x8.0mm)(roundhead)	IA-0000035	0.15

*Requires Exchange
All parts are priced as each



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Name and Number	Part #	\$Price Per Unit
73.) Fuel tank (silver)	FC-2100021	*15.00
74.) Pilot (green)	DG-2150003	15.00
75.) T-bar (black) (4.0x20.0mm)(plastic)	IG-0000001	0.50
76.) Proto-Coupler® (51.5mm long)	DD-0000001	10.00
77.) Spring (nickel) (6.5x14.0mm)	IE-0000017	0.50
78.) Washer (black) (4.5x10.0x0.5mm)(metal)	ID-0000009	0.15
79.) E-clip (black) (3.0x8.0x0.5mm)	IF-0000002	0.15
80.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
81.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
82.) Truck side (silver) (left rear / right front)	DB-2100001	7.00
83.) Truck block (3 axle)	DA-2050002	*35.00
84.) Truck side (silver) (left front / right rear)	DB-2100002	7.00
85.) Screw (M3x14.0mm)(roundhead w/ lock washer)	IA-0000012	0.15
86.) Nut (nickel) (2.5x5.0x7.0mm)	IC-0000008	0.50
87.) Insulator (black) (pick-up)(bottom)(plastic)	BD-0000001	2.00
88.) Pick-up (8.0mm roller)(24.0mm long)	BD-0000040	5.00
89.) Screw (nickel) (M3x6.0mm)(roundhead)	IA-0000015	0.15
90.) Screw (M3x18.0mm)(washer head)(self-drilling)	IA-0000107	0.15
91.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
92.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
93.) Gear cover plate (black) (10.0x22.5x4.0mm)	BI-0000014	2.00
94.) Screw (nickel) (4/40x4.0mm)(roundhead)	IA-0000037	0.15
95.) Insulator (black) (top)(square)(pick-up)	BD-0000014	2.00
96.) Screw (nickel) (M3x6.0mm)(roundhead)	IA-0000015	0.15
97.) Screw (4/40x6.0mm)(roundhead)	IA-0000003	0.15
98.) Screw (M3x18.0mm)(washer head)(self-drilling)	IA-0000107	0.15
99.) Screw (4/40x6.0mm)(flathead)	IA-0000038	0.15

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