

RAILKING[®]
By M.T.H. Electric Trains

RS-3

30-2200-1
30-2200-0
30-2201-1
30-2201-0
30-2202-1
30-2202-0
30-2207-1
30-2207-0
30-2208-1
30-2208-0
30-2209-1
30-2209-0



RS-3 Diesel Engine

Engine Parts

| Name and Number | Part # | \$Price Per Unit | Name and Number | Part # | \$Price Per Unit |
|---|------------|---------------------|---|------------|---------------------|
| 1.) Lens (clear)(right, 4 windows) | FA-2210001 | 3.00 | 10.) Handrail (black, yellow) | FC-2220019 | 5.00 |
| 2.) Cab (gray, yellow, red) | FC-2200196 | *20.00 | (left)(short)(EL, # 930) | | |
| (UP, # 1291) | | | 10.) Handrail (black, yellow) | FC-2220020 | 5.00 |
| 2.) Cab (green)(PRR, # 8469) | FC-2200197 | *20.00 | (left)(short)(NYC, # 8322) | | |
| 2.) Cab (black, red, white) | FC-2200198 | *20.00 | 11.) Handrail (gray)(right)(long) | FC-2210021 | 8.00 |
| (RI, # 493) | | | (UP, # 1291) | | |
| 2.) Cab (black, maroon, yellow) | FC-2200199 | *20.00 | 11.) Handrail (green, gold) | FC-2210022 | 8.00 |
| (B&M, # 1509) | | | (right)(long)(PRR, # 8469) | | |
| 2.) Cab (gray, maroon, yellow) | FC-2200200 | *20.00 | 11.) Handrail (black)(right)(long) | FC-2210023 | 8.00 |
| (EL, # 930) | | | (RI, # 493) | | |
| 2.) Cab (black, light gray, white) | FC-2200201 | *20.00 | 11.) Handrail (black, yellow) | FC-2210024 | 8.00 |
| (NYC, # 8322) | | | (right)(long)(B&M, # 1509) | | |
| 3.) Lens (clear) | FA-2200011 | 3.00 | 11.) Handrail (black, yellow) | FC-2210025 | 8.00 |
| (front & rear, 4 windows) | | | (right)(long)(EL, # 930) | | |
| 4.) Lens (clear)(left, 5 windows) | FA-2220001 | 3.00 | 11.) Handrail (black, yellow) | FC-2210026 | 8.00 |
| 5.) Brake wheel (yellow)(UP, # 1291) | FC-2200202 | 2.00 | (right)(long)(NYC, # 8322) | | |
| 5.) Brake wheel (green)(PRR, # 8469) | FC-2200203 | 2.00 | 12.) Handrail (gray)(left)(long) | FC-2220021 | 8.00 |
| 5.) Brake wheel (yellow)(EL, # 930) | FC-2200204 | 2.00 | (UP, # 1291) | | |
| 5.) Brake wheel (black) | FC-2200205 | 2.00 | 12.) Handrail (green, gold) | FC-2220022 | 8.00 |
| (RI, # 493)(B&M, # 1509)(NYC, # 8322) | | | (left)(long)(PRR, # 8469) | | |
| 6.) Lens (clear) | FA-2200012 | 2.00 | 12.) Handrail (black)(left)(long) | FC-2220023 | 8.00 |
| (headlight/back-up light) | | | (RI, # 493) | | |
| 7.) Air horn (gray)(1 chime) | FC-2200206 | 3.00 | 12.) Handrail (black, yellow) | FC-2220024 | 8.00 |
| (UP, # 1291) | | | (left)(long)(B&M, # 1509) | | |
| 7.) Air horn (green)(1 chime) | FC-2200207 | 3.00 | 12.) Handrail (black, yellow) | FC-2220025 | 8.00 |
| (PRR, # 8469) | | | (left)(long)(EL, # 930) | | |
| 7.) Air horn (black)(1 chime) | FC-2200208 | 3.00 | 12.) Handrail (black, yellow) | FC-2220026 | 8.00 |
| (RI, # 493)(B&M, # 1509)(NYC, # 8322) | | | (left)(long)(NYC, # 8322) | | |
| 7.) Air horn (gray)(1 chime) | FC-2200209 | 3.00 | 13.) Screw | IA-0000118 | 0.15 |
| (EL, # 930) | | | (M2x3.0mm)(washer head) | | |
| 8.) Number board (sticker) | FG-2200028 | 1.00 | 14.) Shell (gray, yellow, red) | FC-2200210 | *65.00 |
| (UP, # 1291)(black w/ white numbers) | | | (UP, # 1291) | | |
| 8.) Number board (sticker) | FG-2200029 | 1.00 | 14.) Shell (green)(PRR, # 8469) | FC-2200211 | *65.00 |
| (PRR, # 8469)(black w/ white numbers) | | | 14.) Shell (black, red, white) | FC-2200212 | *65.00 |
| 8.) Number board (sticker) | FG-2200030 | 1.00 | (RI, # 493) | | |
| (RI, # 493)(black w/ white numbers) | | | 14.) Shell (black, maroon, yellow) | FC-2200213 | *65.00 |
| 8.) Number board (sticker) | FG-2200031 | 1.00 | (B&M, # 1509) | | |
| (B&M, # 1509)(black w/ white numbers) | | | 14.) Shell (gray, maroon, yellow) | FC-2200214 | *65.00 |
| 8.) Number board (sticker) | FG-2200032 | 1.00 | (EL, # 930) | | |
| (EL, # 930)(black w/ white numbers) | | | 14.) Shell (black, light gray, white) | FC-2200215 | *65.00 |
| 8.) Number board (sticker) | FG-2200033 | 1.00 | (NYC, # 8322) | | |
| (NYC, # 8322)(black w/ white numbers) | | | 15.) Handrail (gray)(end)(UP, # 1291) | FC-2200216 | 5.00 |
| 9.) Handrail (gray)(right)(short) | FC-2210015 | 5.00 | 15.) Handrail (green, gold)(end) | FC-2200217 | 5.00 |
| (UP, # 1291) | | | (PRR, # 8469) | | |
| 9.) Handrail (green, gold) | FC-2210016 | 5.00 | 15.) Handrail (black)(end)(RI, # 493) | FC-2200218 | 5.00 |
| (right)(short)(PRR, # 8469) | | | 15.) Handrail (black, yellow)(end) | FC-2200219 | 5.00 |
| 9.) Handrail (black)(right)(short) | FC-2210017 | 5.00 | (B&M, # 1509) | | |
| (RI, # 493) | | | 15.) Handrail (black, yellow)(end) | FC-2200220 | 5.00 |
| 9.) Handrail (black, yellow) | FC-2210018 | 5.00 | (EL, # 930) | | |
| (right)(short)(B&M, # 1509) | | | 15.) Handrail (black, yellow)(end) | FC-2200221 | 5.00 |
| 9.) Handrail (black, yellow) | FC-2210019 | 5.00 | (NYC, # 8322) | | |
| (right)(short)(EL, # 930) | | | 16.) Bracket (black) | IH-0000236 | 2.00 |
| 9.) Handrail (black, yellow) | FC-2210020 | 5.00 | (headlight/back-up)(metal) | | |
| (right)(short)(NYC, # 8322) | | | 17.) Screw | IA-0000003 | 0.15 |
| 10.) Handrail (gray)(left)(short) | FC-2220015 | 5.00 | (4/40x6.0mm)(roundhead) | | |
| (UP, # 1291) | | | 18.) Grommet (black) | IH-0000010 | 0.50 |
| 10.) Handrail (green, gold) | FC-2220016 | 5.00 | (4.5x5.0mm)(rubber) | | |
| (left)(short)(PRR, # 8469) | | | 19.) Bulb (clear)(6v)(grain of wheat) | CA-0000040 | 2.00 |
| 10.) Handrail (black)(left)(short) | FC-2220017 | 5.00 | (110.0mm long blue wires and male 2 pin plug) | | |
| (RI, # 493) | | | | | |
| 10.) Handrail (black, yellow) | FC-2220018 | 5.00 | | | |
| (left)(short)(B&M, # 1509) | | | | | |

*Requires Exchange
All parts are priced as each



RS-3 Diesel Engine

Engine Parts

| Name and Number | Part # | \$Price Per Unit | Name and Number | Part # | \$Price Per Unit |
|---|------------|---------------------|--|------------|---------------------|
| 20.) Bulb (clear)(6v)(grain of wheat) (110.0mm long green wires and male 2 pin plug) | CF-0000010 | 2.00 | 48.) Insulator (black) (pick-up)(top)(square)(plastic) | BD-0000047 | 2.00 |
| 21.) Volume pot (small) (blue pot mounted on green PC board) | BI-0000040 | 5.00 | 49.) Truck (black)(powered) (2 axle)(2 screw holes for 2 screw mount pilot) | DA-2050010 | *30.00 |
| 22.) Screw (M3x14.0mm)(roundhead)(w/ lock washer) | IA-0000012 | 0.15 | 50.) T-bar (51.0mm long) | IG-0000001 | 0.50 |
| 23.) Screw (yellow Zinc) (M2.5x6.0mm)(roundhead)(w/ lock washer) | IA-0000089 | 0.15 | 51.) Proto-Coupler 2.0® (51.0mm long) | DD-0000032 | 10.00 |
| 24.) Screw (M3x14.0mm)(roundhead) | IA-0000317 | 0.15 | 52.) Spring (6.5x14.0mm)(0.5mm thick wire) | IE-0000022 | 0.50 |
| 25.) Bracket (Aluminum) (15.0x43.5mm, 1.3mm thick)(10.6mm step-up) (Proto-Sound 2.0® boards) | IH-0000237 | 3.00 | 53.) Washer (4.5x10.0x0.6mm) | ID-0000041 | 0.15 |
| 26.) Screw (4/40x4.0mm)(roundhead) | IA-0000021 | 0.15 | 54.) E-clip (3.0x8.0x0.5mm) | IF-0000002 | 0.15 |
| 27.) Motor mount (black) | BI-0000009 | 15.00 | 55.) Truck side (silver) (truck sides mount from bottom)(UP, # 1291) (left rear/right front)(RI, # 493)(B&M, # 1509) | DB-2000001 | 7.00 |
| 28.) Motor (RS-365SH) (7.9x18.0mm worm gear w/ 12.0mm long threads) (6.0x27.0mm black flywheel) | BE-0000082 | 25.00 | 55.) Truck side (black) (truck sides mount from bottom)(PRR, # 8469) (left rear/right front)(EL, # 930)(NYC, # 8322) | DB-2000002 | 7.00 |
| 29.) Motor (RS-365SH) (7.9x18.0mm worm gear w/ 12.0mm long threads) (6.0x27.0mm black flywheel)(w/tach board mount) | BE-0000083 | 25.00 | 56.) Truck side (silver) (truck sides mount from bottom)(UP, # 1291) (right rear/left front)(RI, # 493)(B&M, # 1509) | DB-2000003 | 7.00 |
| 30.) Boards (Proto-Sound 2.0®) | AE-0000001 | *200.00 | 56.) Truck side (black) (truck sides mount from bottom)(PRR, # 8469) (right rear/left front)(EL, # 930)(NYC, # 8322) | DB-2000004 | 7.00 |
| 31.) Rubber band | BI-4500004 | 0.50 | 57.) Traction tire | DE-0000018 | 0.75 |
| 32.) Tach board (w/ 1.5mm spacer between board & optical sensor) | AG-0000047 | 6.00 | 58.) Nut (2.5x5.0x10.0mm) | IC-0000005 | 0.50 |
| 33.) Tach tape (black & white striped) (1.767mm wide stripes)(for 27.0mm flywheel) | BE-0000073 | 1.00 | 59.) Insulator (black)(plastic) (pick-up)(bottom)(flat w/ rect. box) | BD-0000039 | 2.00 |
| 34.) Insulator (white) (washer)(3.0x6.0x3.0mm)(plastic) | ID-0000025 | 0.15 | 60.) Pick-up (8.0x11.0mm roller)(28.0mm long) | BD-0000025 | 5.00 |
| 35.) Voltage regulator (LM2937ET) | AG-0000032 | 3.00 | 61.) Screw (4/40x6.0mm)(flathead) | IA-0000038 | 0.15 |
| 36.) Insulator (clear) (13.0x16.0x0.1mm)(single hole) | ID-0000024 | 0.15 | NS.) Wire harness (12 pin male plug) | BC-2200001 | 15.00 |
| 37.) Wire nut (yellow) | BI-4500003 | 0.25 | NS.) Wire harness (7 pin male plug) | BC-2200002 | 10.00 |
| 38.) Chassis (gray, red)(UP, #1291) | DH-2200045 | *20.00 | NS.) Wire harness (5 pin male plug) | BC-2200003 | 5.00 |
| 38.) Chassis (green)(PRR, # 8469) | DH-2200046 | *20.00 | | | |
| 38.) Chassis (black, white)(RI, #493) | DH-2200047 | *20.00 | | | |
| 38.) Chassis (black)(B&M, # 1509) | DH-2200048 | *20.00 | | | |
| 38.) Chassis (yellow, gray)(EL, #930) | DH-2200049 | *20.00 | | | |
| 38.) Chassis (black, white) (NYC, # 8322) | DH-2200050 | *20.00 | | | |
| 39.) Screw (M3x16.0mm)(washer head)(self-drilling) | IA-0000025 | 0.15 | | | |
| 40.) Pilot (gray)(UP, # 1291) | DG-2250032 | 15.00 | | | |
| 40.) Pilot (green)(PRR, # 8469) | DG-2250033 | 15.00 | | | |
| 40.) Pilot (black, white)(RI, #493) | DG-2250034 | 15.00 | | | |
| 40.) Pilot (black) (B&M, # 1509)(EL, # 930) | DG-2250035 | 15.00 | | | |
| 40.) Pilot (black, white)(NYC, #8322) | DG-2250036 | 15.00 | | | |
| 41.) Wire strap (black)(metal)(small) | IH-0000012 | 1.00 | | | |
| 42.) Battery leads (115.0mm long wires, w/ P2.0 2 pin black plug) | BC-0000089 | 3.00 | | | |
| 43.) Battery | BG-4000001 | 10.00 | | | |
| 44.) Bracket (black)(speaker) (9.5x12.0x5.0mm)(1.0mm thick) | IH-0000231 | 1.00 | | | |
| 45.) Speaker (Cuistack)(GF0501, 16 ohms, 0.25 watt) | BF-0000007 | 8.95 | | | |
| 46.) Fuel tank (gray)(UP, # 1291) | FC-2200222 | *15.00 | | | |
| 46.) Fuel tank (black)(PRR, # 8469) (RI, #493)(B&M, # 1509)(EL, # 930)(NYC, # 8322) | FC-2200223 | *15.00 | | | |
| 47.) Screw (nickel) (M3x6.0mm)(roundhead) | IA-0000015 | 0.15 | | | |

Loco-Sound® Only Parts

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|--|------------|---------|
| 25.) Bracket (Aluminum) (Loco-Sound® board) | IH-0000238 | 3.00 |
| 26.) Screw (M3x4.0mm)(roundhead) | IA-0000010 | 0.15 |
| 30.) Board (Loco-Sound®) | AE-0000002 | *100.00 |
| 45.) Speaker (Cuistack)(GF0501, 8 ohms, 0.25 watt) | BF-0000015 | 8.95 |
| 52.) Spring (6.5x9.0mm)(0.5mm thick wire) | IE-0000009 | 0.50 |
| 53.) Washer (black)(plastic) (4.6x8.5x2.0mm)(cup shaped for spring to fit in) | ID-0000060 | 0.15 |
| NS.) Coupler (51.5mm long) | DD-0000039 | 3.00 |
| NS.) Armature (45.0mm long) | DD-0000040 | 1.00 |
| NS.) Screw (4/40x6.0mm)(roundhead)(bracket to board mounting) | IA-0000003 | 0.15 |
| NS.) Insulator (clear) (13.0x16.0x0.1mm)(single hole) | ID-0000024 | 0.15 |
| NS.) Insulator (white) (washer)(3.0x6.0x3.0mm)(plastic) | ID-0000025 | 0.15 |
| NS.) Wire harness (12 pin male plug) | BC-2200004 | 12.00 |
| NS.) Wire harness (7 pin male plug) | BC-2200005 | 7.00 |
| NS.) Wire harness (5 pin male plug) | BC-2200006 | 5.00 |

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