

NAME

CHALLENGER

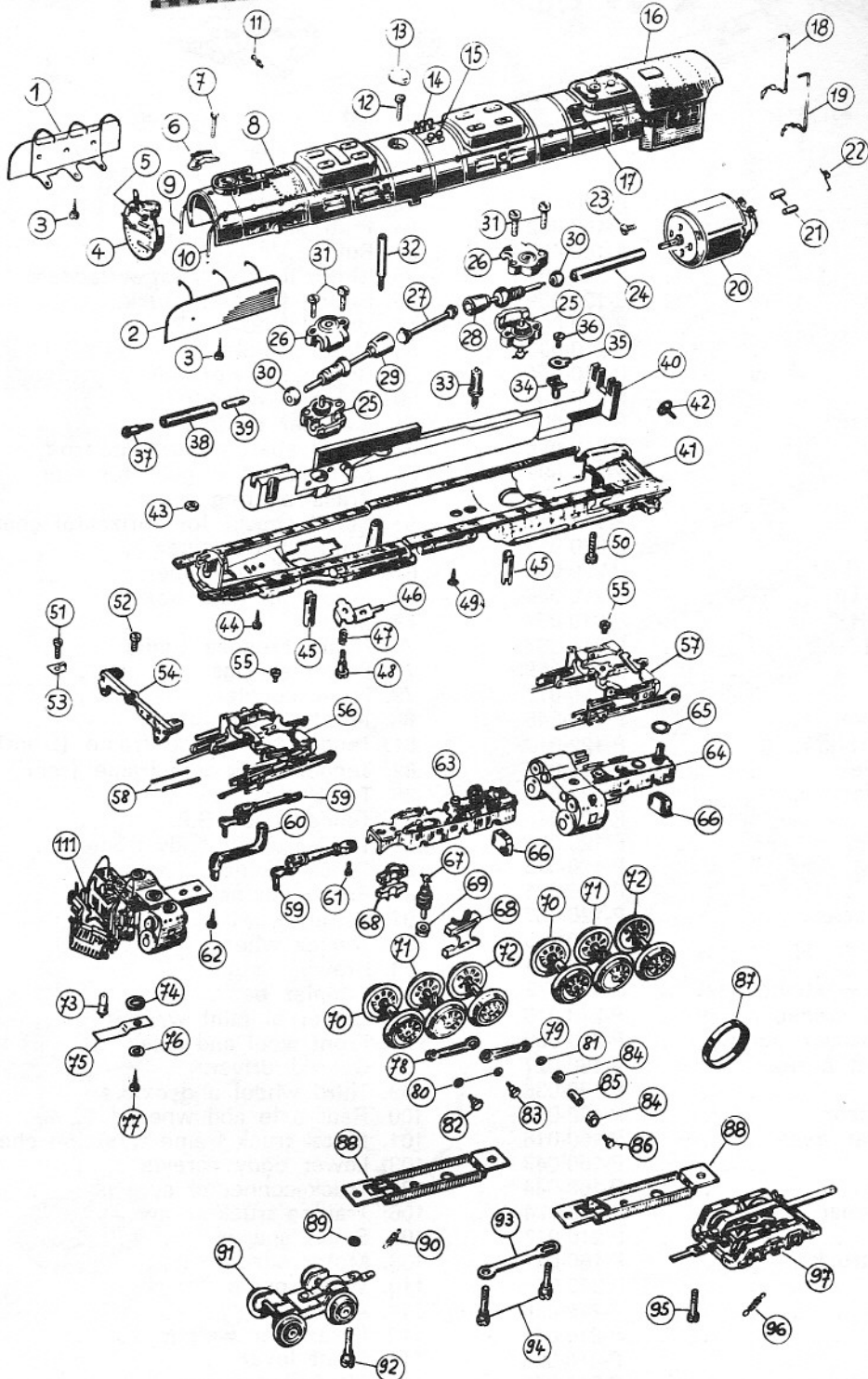
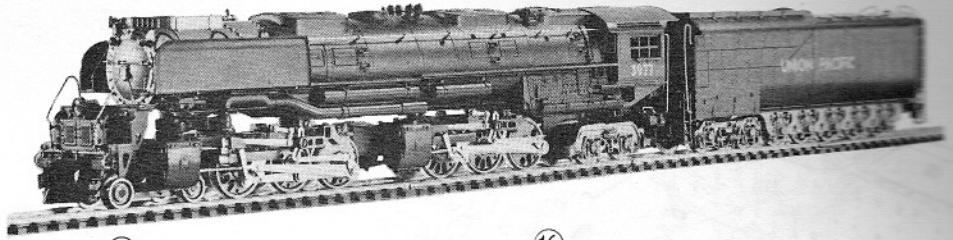
STOCK NO.

5112-13

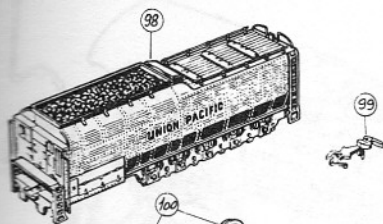
PRODUCTION

1977

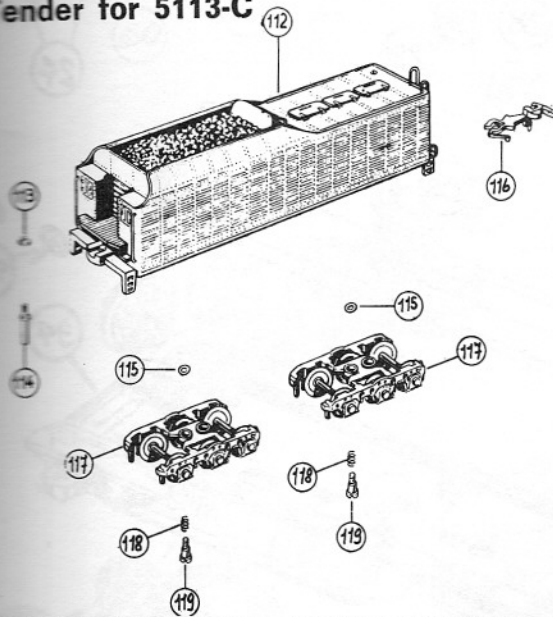
- 5112B Union Pacific
- WITHOUT SMOKE LIFTERS:
- 5113B Union Pacific
- 5113C Delaware & Hudson
- 5113D Clinchfield



Tender for 5112-B, 5113-B and 5113-D



Tender for 5113-C



	5112-B (U.P. 3977)	5113-B (U.P. 3967)	5113-C (D & H)	5113-D (Clinchfield)
1. Smoke Lifter R.H.	P-400-001	None	None	None
2. Smoke Lifter L.H.	P-400-002	None	None	None
3. Screw for smoke Lifters	P-127-041	None	None	None
4. Smoke box cover	P-400-003	P-405-012	P-405-003	P-405-008
5. Marker lights	P-400-004	Same	Same	Same
6. Bell & bracket	P-245-004	Same	Same	Same
7. Bell bolt	P-400-005	Same	Same	Same
8. Whistle	P-400-006	Same	Same	Same
9. Handrail R.H.	P-400-007	Same	Same	Same
10. Handrail L.H.	P-400-008	Same	Same	Same
11. Handrail post	P-120-039	Same	Same	Same
12. Upper body screw	P-255-031	Same	Same	Same
13. Dome cover	P-400-009	Same	Same	Same
14. Poppet valve R.H.	P-400-010	Same	Same	Same
15. Poppet valve L.H.	P-400-011	Same	Same	Same
16. Boiler casting	P-400-012	P-405-001	P-405-004	P-405-009
17. Motor generator	P-400-013	Same	Same	Same
18. Cab. handrail R.H.	P-245-007	Same	Same	Same
19. Cab. handrail L.H.	P-245-008	Same	Same	Same
20. Motor	P-245-073	Same	Same	Same
21. Motor brushes (pair)	P-120-032	Same	Same	Same
22. Motor brush spring	P-120-033	Same	Same	Same
23. Motor mount screw	P-245-079	Same	Same	Same

	5112-B (U.P. 3977)	5113-B (U.P. 3967)	5113-C (D & H)	5113-D (Clinchfield)
24. Long plastic joiner	P-400-014	Same	Same	Same
25. Gearbox with gear	P-245-077	Same	Same	Same
26. Plastic gear box	P-160-008	Same	Same	Same
27. Drive shaft	P-200-009	Same	Same	Same
28. Metal shaft with gear rear	P-400-015	Same	Same	Same
29. Metal shaft with gear front	P-400-016	Same	Same	Same
30. Brass bearing	P-160-012	Same	Same	Same
31. Gearbox screws	P-160-009	Same	Same	Same
32. Long screw for front bracket	P-400-017	Same	Same	Same
33. Cylinder contact	P-210-023	Same	Same	Same
34. Rear truck support	P-400-018	Same	Same	Same
35. Support contact	P-245-019	Same	Same	Same
36. Rear truck support screw	P-160-044	Same	Same	Same
37. Light plug	P-245-059	Same	Same	Same
38. Insulator for jack	P-210-006	Same	Same	Same
39. Jack for light plug	P-245-060	Same	Same	Same
40. Weight	P-400-019	Same	Same	Same
41. Underframe	P-400-020	P-405-010	P-405-010	P-405-010
42. Valve cock	P-400-021	Same	Same	Same
43. Bell bolt nut	P-245-009	Same	Same	Same
44. Weight front joint	P-255-031	Same	Same	Same
45. Universal joint	P-160-027	Same	Same	Same
46. Front truck bracket	P-400-022	Same	Same	Same
47. Front bracket spring	P-270-019	Same	Same	Same
48. Front bracket screw	P-400-023	Same	Same	Same
49. Central joint for weight	P-123-013	Same	Same	Same
50. Lower body screw long	P-132-005	Same	Same	Same
51. Pilot fixing screw	P-160-044	Same	Same	Same
52. Valve gear hanger screw	P-245-076	Same	Same	Same
53. Wire contacts	P-245-029	Same	Same	Same
54. Valve gear hanger	P-245-028	Same	Same	Same
55. Main valve gear screw	P-245-025	Same	Same	Same
56. Front main valve gear assembly	P-400-024	Same	Same	Same
57. Rear main valve gear assembly	P-400-025	Same	Same	Same
58. Valve gear pins	P-245-030	Same	Same	Same
59. Front cylinder pipes	P-400-026	Same	Same	Same
60. Steam pipe	P-400-027	Same	Same	Same
61. Front cylinder pipe screw	P-210-058	Same	Same	Same
62. Screw for steam pipe	P-120-008	Same	Same	Same
63. Front truck frame	P-400-028	Same	Same	Same
64. Rear truck frame w/steamchest	P-400-029	Same	Same	Same
65. King pin spacer	P-400-041	Same	Same	Same
66. Cover plate screw spacer	P-400-031	Same	Same	Same
67. Universal w/gear	P-210-059	Same	Same	Same
68. Plastic gearbox	P-160-038	Same	Same	Same
69. Brass bearing for gear	P-160-015	Same	Same	Same
70. Front wheels	P-400-032	Same	Same	Same
71. Geared wheels	P-400-033	Same	Same	Same
72. Rear wheels	P-400-034	Same	Same	Same
73. Light bulb	P-137-067	Same	Same	Same
74. Contact plate insulated washer	P-400-030	Same	Same	Same
75. Contact plate	P-400-035	Same	Same	Same
76. Contact plate washer	P-400-036	Same	Same	Same
77. Contact plate screw	P-120-008	Same	Same	Same
78. Connecting rods front	P-245-043	Same	Same	Same
79. Connecting rods rear	P-245-044	Same	Same	Same
80. Crankpin washers	P-120-010	Same	Same	Same
81. Crankpin washer rear	P-120-015	Same	Same	Same
82. Crankpin front driver	P-121-014	Same	Same	Same
83. Crankpin central driver	P-120-046	Same	Same	Same
84. Crankpin short spacers	P-120-019	Same	Same	Same
85. Crankpin long spacer	P-120-018	Same	Same	Same
86. Crankpin rear driver	P-122-017	Same	Same	Same
87. Tire	P-155-032	Same	Same	Same
88. Cover plate	P-400-037	Same	Same	Same
89. Pilot truck washer	P-245-048	Same	Same	Same
90. Pilot truck spring	P-160-041	Same	Same	Same
91. Pilot truck	P-245-047	Same	Same	Same
92. Pilot truck screw	P-245-049	Same	Same	Same
93. Truck connector	P-245-051	Same	Same	Same
94. Truck connector screw	P-245-050	Same	Same	Same
95. Trailing truck screw	P-245-075	Same	Same	Same
96. Trailing truck spring	P-160-041	Same	Same	Same
97. Trailing truck	P-245-052	Same	Same	Same
98. Tender shell	P-400-038	P-405-002	None	P-405-011
99. Coupler	P-125-040	Same	None	Same
100. Front and rear tender wheels	P-245-056	Same	None	Same
101. Second and third tender wheels	P-245-057	Same	None	Same
102. Front tender truck	P-245-054	Same	None	Same
103. Front tender truck spring	P-400-039	Same	None	Same
104. Front tender truck washer	P-122-042	Same	None	Same
105. Front tender truck screw	P-127-041	Same	None	Same
106. Rear tender truck	P-245-055	Same	None	Same
107. Rear tender truck washer	P-122-042	Same	None	Same
108. Rear tender truck screw	P-127-041	Same	None	Same
109. Rear tender truck spring	P-400-040	Same	None	Same
110. Ultraflex wire	P-120-043	Same	Same	Same
111. Front pilot	P-400-042	P-400-042	P-405-005	P-400-042
112. Tender body D&H	None	None	P-405-006	None
113. Drawbar nut	None	None	P-210-066	None
114. Drawbar screw	None	None	P-405-007	None
115. Truck washer	None	None	P-160-053	None
116. Coupler	None	None	P-125-040	None
117. Complete truck tender	None	None	P-250-021	None
118. Tension spring	None	None	P-126-064	None
119. Truck screw	None	None	P-160-056	None