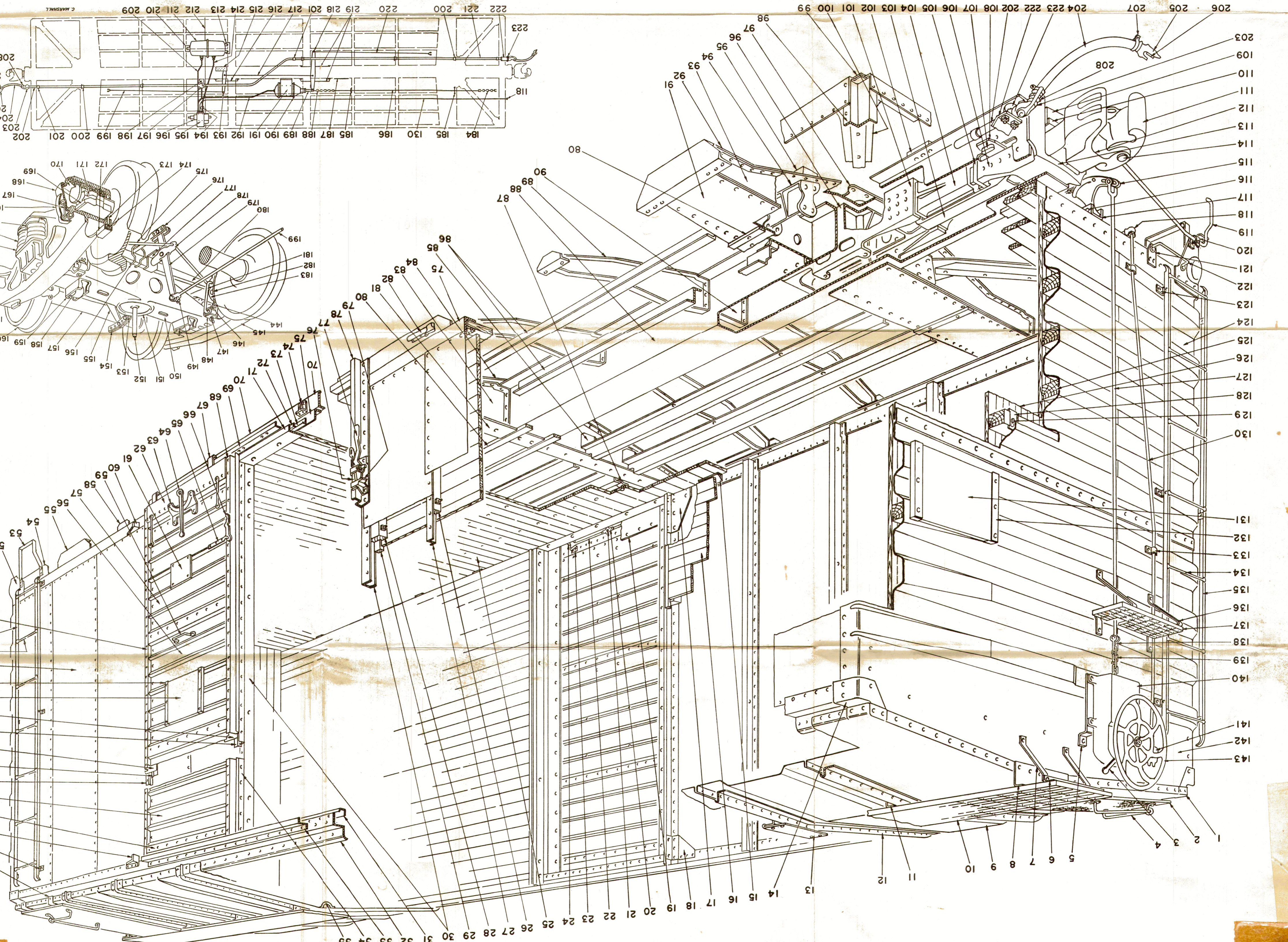


BOX CAR CHART—A. A. R. STANDARD DESIGN—STEEL SHEATHED—WOOD LINED—LENGTH 40 FEET—CAPACITY 100,000 POUNDS

THE RAILWAY EDUCATIONAL BUREAU, OMAHA 2, NEBRASKA



- 1. End roof sheet
- 2. Lateral running board
- 3. Hand brake ratchet operating lever
- 4. Roof handhold
- 5. Hand brake gear-housing support
- 6. Running board end support
- 7. Longitudinal running board bracket
- 8. Running board end saddle
- 9. Running board
- 10. Running board intermediate saddle
- 11. Running board end support
- 12. Roof seam cap
- 13. Running board splice saddle
- 14. Corner cap
- 15. Graft strip at floor
- 16. Side lining
- 17. Door post and side sill gusset
- 18. Door post backing plate
- 19. Door top edge backing plate
- 20. Door bottom backing plate
- 21. Door hitting device operating cam
- 22. Door hitting device connecting bar
- 23. Door roller
- 24. Door roller
- 25. Flooring
- 26. Side lining nailer or furring strip
- 27. Intermediate side post
- 28. Door post filler
- 29. Door post grain strip
- 30. Door post
- 31. Door header angle
- 32. Side plate
- 33. Door top retaining Z-bar
- 34. Door post protection strip
- 35. Grain spout hook
- 36. Lateral running board bracket
- 37. Side ladder stile bracket
- 38. Door back stop (upper)
- 39. Door top edge
- 40. Door top sheet
- 41. Door rear weather strip
- 42. Door gasket seal
- 43. Door rear edge backing plate
- 44. Door post sealing strip
- 45. Door front edge backing plate
- 46. Side placard board
- 47. Door front edge backing plate
- 48. Side ladder tread
- 49. Side ladder stile
- 50. Door operating lever
- 51. Door rear edge
- 52. Push pole pocket
- 53. Sill step
- 54. Sill step bracket
- 55. Body bolster and side sill connection
- 56. Door bottom sheet
- 57. Door bottom
- 58. Crossite and side sill connection
- 59. Door handle
- 60. Routing card board (lower)
- 61. Routing card board
- 62. Door bottom edge
- 63. Door hitting lever
- 64. Door hitting lever
- 65. Door hasp holder
- 66. Door hasp
- 67. Door bottom retaining
- 68. Door front edge
- 69. Door track
- 70. Door front edge
- 71. Door threshold reinforcing angle
- 72. Door threshold reinforcing angle
- 73. Door threshold reinforcing angle
- 74. Door track bracket
- 75. Side sill
- 76. Door hasp seal pin
- 77. Door front stop
- 78. Door front stop
- 79. Door lock
- 80. Filter strip
- 81. Crossbreast top cover plate
- 82. Defect card receptacle
- 83. Crossbreast diaphragm
- 84. Crossbreast bottom cover plate
- 85. Floor stringer
- 86. Floor stringer
- 87. Center sill
- 88. Center clip
- 89. Center sill
- 90. Center sill stiffener
- 91. Body bolster top cover plate
- 92. Body bolster bottom cover plate
- 93. Body bolster diaphragm
- 94. Side bearing brace or body
- 95. Bolster stiffener
- 96. Bolster bearing
- 97. Body center plate
- 98. Steel end top sheet
- 99. Hand lining
- 100. Diagonal brace
- 101. Rear draft gear stop, cast integral
- 102. Draft gear carrier
- 103. Coupler yoke
- 104. Draft gear
- 105. Front draft gear stop, cast integral
- 106. Front draft gear stop, cast integral
- 107. Draft key retainer
- 108. Draft key
- 109. Coupler carrier
- 110. Coupler carrier wear plate
- 111. Coupler knuckle
- 112. Coupler head
- 113. Combined striking casting and front draft gear stop
- 114. Coupler knuckle pin
- 115. Hand brake bell crank
- 116. Bell crank pin
- 117. Air brake crank
- 118. Air brake retaining pipe union all
- 119. Uncoupling lever
- 120. Uncoupling lever bracket
- 121. End handhold bracket
- 122. End handhold
- 123. End ladder stile bracket
- 124. Brake shoe key
- 125. Steel end bottom sheet
- 126. End lining
- 127. Vertical hand brake rod
- 128. Steel end filter clip
- 129. Steel end filter clip collar bolt
- 130. Steel end filter retainer pipe
- 131. Retainer pipe
- 132. End placard board protection strip
- 133. Release control pipe clamp
- 134. End ladder tread
- 135. End ladder stile
- 136. Brake stop bracket
- 137. Brake stop
- 138. Hand brake winding chain clevis
- 139. Truck side bearing and roller guide
- 140. Wheel
- 141. Journal box, cast integral with truck side frame
- 142. Release control retainer (Retainer valve)
- 143. Steel end top sheet
- 144. Hand brake wheel
- 145. Hand brake wheel
- 146. Brake shoe key
- 147. Brake hanger wear plate
- 148. Brake hanger key
- 149. Brake hanger
- 150. Steel end filter block or end furring
- 151. Truck end plate, cast integral with truck bolster
- 152. Center pin
- 153. Truck bolster
- 154. Head lever guide
- 155. Brake beam compression member
- 156. Air brake hose coupling
- 157. Truck live lever
- 158. Air brake hose clamp
- 159. Air brake hose
- 160. Hand brake connecting rod
- 161. Hand brake rod guide
- 162. Keester's support, emergency end
- 163. Keester's support, emergency end
- 164. Hand brake connecting rod
- 165. Hand brake connecting rod
- 166. Hand brake connecting rod
- 167. Hand brake connecting rod
- 168. Hand brake connecting rod
- 169. Hand brake connecting rod
- 170. Hand brake connecting rod
- 171. Hand brake connecting rod
- 172. Hand brake connecting rod
- 173. Hand brake connecting rod
- 174. Hand brake connecting rod
- 175. Brake beam truss rod
- 176. Bottom brake rod
- 177. Bottom brake rod
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- 221. Bottom brake rod
- 222. Bottom brake rod
- 223. Bottom brake rod

- 174. Dust guard wedge or plug
- 175. Dust guard
- 176. Dust guard cap
- 177. Journal bearing or journal brass
- 178. Journal bearing wedge
- 179. Journal bearing wedge
- 180. Journal box lid
- 181. Journal box lid spring
- 182. Bottom spring plate
- 183. Top spring plate
- 184. Top spring plate
- 185. Top spring plate
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- 188. Top spring plate
- 189. Top spring plate
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