

Freight Cars Illustrated

Volume 1

Pacific Car and Foundry Box Cars

What's on this disc:

Part 1 - Intro/Single Sliding Door

Introduction
Single Sliding Door
3968 Double Sheathed
GN 39700-39749
4124 X-Post
GVSR 134000-134124
SP 605000-605299
4949 X-Post
CP 209900-209999
4974 X-Post
WC 28200-28292
5077 X-Post (Terminating Ends)
BN 376200-376399
BN 376650-376749
BNSF 727521-727597
WC 20200-20276
5077 X-Post (Non-Terminating Ends)
BN 250219-250481
BNSF 725932-726147
CSXT 141767-141999
MRL 21400-21456
RBOX 20000-20399
RBOX 20400-20899
UP 130000-130311
5188 X-Post
CP 214470-214569
5241 X-Post
BM 3200-3299
BM 3350-3399
5258 X-Post
ANR 300-399
5258 X-Post (Modified)
GVSR 771500-771551
SP 243371-244149
SSW 66529-67349
5277 X-Post
RBOX 34100-34999
RBOX 39000-40249
RBOX 42750-43349
5317 X-Post
BMS 201-500
EEC 2600-3199
LVRC 5026-5039
OLYR 74800-74899
SLR 166-190
SLR 207-290
5335 X-Post
ADN 9700-9899
ALM 9702-9896
EEC1595 Only
5528 X-Post
ADN 9000-9349
ALM 9000-9347

LVRC 5106 Only
6000 Double Sheathed
ARR 10900-10949
BAEX 639-721
SIRX 100103-100128
SIRX 100130-100142
UP 517100-517128
UP 517130-517132
WC 29000-29049
7248 X-Post
CSXT 166606-166621
MP 269150-269202
7413 X-Post
CSXT 161800-161834
7630 X-Post
MP 269060-269106
7633 X-Post
MILW 4213-4252
MP 269300-269307
MP 269308-269317
WP 3151-3167
WP 3171-3178
Part 2 - Double Sliding Door
5148 X-Post (Terminating Ends)
CNA 554500-554969
GNWR 16001-16045
NBNR 100510-101498
QC 74400-74524
SLGG 16082-16163
SSAM 43600-43827
SSAM 101250-101499
WCTR 100500-100999
WCTR 101250-101499
WCTR 101700-101899
5148 X-Post (Non-Terminating Ends)
WP 38226-38325
5243 X-Post
GVSR 763100-763179
SSW 60500-60999
5258 X-Post
GVSR 771050-771099
GVSR 771100-771149
GVSR 771150-771217
GVSR 775100-775150
SP 243371-244149
SP 245450-245749
SSW 66529-67349
5326 X-Post (Modified)
CNA 554001-554297
WCTR 101900-102199
WLO 554001-554277
5461 X-Post
CNA 557849-557853

5472 X-Post
CRLE 72000-72999
GVSR 782000-782080
SP 246515-247214
SP 251000-251520
5486 X-Post
BN 222550-222949
BNSF 723678-724031
5404 X-Post
BCIT 841100-841599
SRY 620-669
SSAM 43300-43363
6308 X-Post (Modified)
VCY 181000-181234
6486 X-Post
ALAB 77000-77019
CNW 91625-91649
7125 X-Post
AOK 70045-70104
CPAA 206600-206659
7295 Double Sheathed
SSW 62825-62924
7348 Double Sheathed
AMEX 1068-1070
AMEX 1700 Only
SP 654500-654699
VCY 139004-139019
7352 Double Sheathed
SP 654700-654799
7422 Double Sheathed
SSW 62725-62824
7477 Double Sheathed
SP 664200-664299
VCY 144000-144084
Part 3 - Single Plug Door
4762 X-Post
MP 254650-254899
5195 X-Post
MNNR 1318 Only
5242 X-Post
BN 375619-375649
BN 375650-375799
BNSF 727020-727195
GN 138100-138399
5258 X-Post (Modified)
AHW 300-399
ANR 300-399
5258 X-Post (Modified)
CNA 405350-405465
SP 231250-231275
5266 X-Post
BN 322400-322499
GN 138700-138849

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Part 3 - Single Plug Door (continued)

5266 X-Post (continued)

GN 138850-138999

MRL 25001-25022

MRL 25023-25074

5277 X-Post

CNA 404900-404934

CNA 405000-405099

5486 X-Post (Long Notch)

BN 322100-322199

5486 X-Post (Short Notch)

BN 322200-322399

Part 4 - Double Plug Door/Quad Plug Door

5215 X-Post

BN 239000-239299

GN 38000-38299

5268 X-Post

BN 236400-236699

BN 375800-375849

GN 138400-138699

5307 X-Post

OAR 3200-3399

TOE 3000-3399

TOE 3601-3625

TOE 7400-7429

5528 X-Post

CAGY 1104-1109

CLC 3351-3400

TOE 7200-7389

5824 X-Post

EPRY 6000-6001

UP 563000-563249

6157 X-Post

CPAA 87000-87024

FGLK 24018-24021

MILW 4500-4599

6179 X-Post

WSOR 505001-505009

6187 X-Post

UP 355100-355199

6308 X-Post

UP 371400-371429

6359 X-Post

UP 517555-517654

6453 X-Post

BN 376410-376431

BN 376432-376499

BNSF 727600-727684

6505 X-Post

CLC 3001-3350

CLC 3601-3720

OLYR 50003-50019

TOE 2100-2198

10354 X-Post

ATSF 36890-36902

Quad Plug Door

10414 X-Post

SP 615201-615269

Part 5 - Combination Door/Reference

Combination Door

5102 X-Post

BN 237500-237899

GN 37500-37899

5277 X-Post

ABOX 50000-50399

CNA 553773-553999

Identification Key

Abbreviation Key

Bibliography

Single Sliding Door Box Cars

3968 Cubic-Foot Double Sheathed

Dimensional Data

Inside Length	40' 6"
Inside Width	9' 4"
Inside Height	10' 6"
Outside Length	43' 2"
Outside Width	10' 7"
Outside Height	15' 1"

Truck Center 30' 10"

Plate B

Spotting features of these cars include welded Improved Dreadnaught terminating ends composed of two panels, the top panel having a rectangular rib and three reinforced ribs, the lower panel stamped with four reinforced ribs (R3/4). There are ten riveted panels (five on either side of the centered door). The sill drops starting at the third panel and the side sheets are welded to the sill. The door opening is 9 feet wide by 9' 9" tall and the roof is an overhanging diagonal-panel design with twelve panels, and the end panels are blank. These cars are general service (XM) box cars and have no cushioning.

Roads Represented:

Great Northern Railway (GN)

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GN 39715 (39700-39749) Built 1961



GN 39715 was photographed on a siding in Malaga, Washington during June 1980. It's equipped with a 9-foot wide SCD 6-panel door, Car Pac load dividers and Waugh Type 90-8 underframe cushioning. The load limit is 118,500; the light weight is 58,500 and the weigh date is 4/76 TP. *From the collection of Darrell Sawyer.*

Double Sliding Door Box Cars

5148 Cubic-Foot Exterior Post (Improved Dreadnaught Ends)

Dimensional Data

Inside Length	50' 7"
Inside Width	9' 6"
Inside Height	10' 8"
Outside Length	56' 10"
Outside Width	10' 8"
Outside Height	14' 8"

Plate B

Spotting features of these cars include welded Improved Dreadnaught terminating ends composed of two panels, the top panel having a rectangular rib and three reinforced ribs, the lower panel stamped with four reinforced ribs (R3/4). There are ten welded exterior posts (five on either side of the centered double doors) with small diameter holes approximately 3" up from the bottom and the posts are riveted at the sill. There is also a very shallow notch on the sill at the stirrup step ending with a radius. The door opening is 16 feet wide by 10 feet tall and the flat roof is a wrapped over X-panel with eaves at the roof line. WCTU Railway was the only original owner of this model.

Roads Represented:

Canadian National Railways (CNA)
Genesee and Wyoming Railroad (GNWR)
Nicholeit Badger Northern Railroad (NBNR)
Sault St. Marie Bridge Company (SSAM)
Sidney & Lowe Railroad (SLGG)
WCTU Railway (WCTR)

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Spotting Features - A-End



This A-end view of WCTR 100872 shows the R3/4 welded Improved Dreadnaught terminating end and the very shallow notch on the sill at the stirrup step. Built 6/75 as part of series 100500-100999 with 15" Freight Master ME-15 end-of-car cushioning and ASF 70-ton Barber S-2 trucks with 33" wheels.

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Spotting Features - Sill Notch



This view of WCTR 100766, built 6/75, shows the very shallow notch on the sill at the stirrup step. Also note the holes drilled about 3" up from the bottom of the posts and the rivets on the post flanges. The end post, to which the end is welded, is roughly 3' shorter than the rest to accommodate the stirrup step.

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CNA 554744 (554500-554969) Built 1975



CNA 554744 (nee-WCTR 100500-100999 series) is rolling empty through the yard in Ames, Iowa on a snowy day in January 2001. It's equipped with double 8-foot wide YSD 5/6/6 corrugated doors, 70-ton trucks with 33" wheels, a reinforced nailable steel floor and 15" end-of-car cushioning. The load limit is 157,200 and the light weight is 62,800. *Photograph by Michael D. Petersen.*

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CNA 554794 (554500-554969) Built 5/75



CNA 554794 (nee-WCTR 100500-100999 series) is getting its load of lumber products unloaded at Vandermeer Forest Products in Kent, Washington during March 2000. It's equipped with double YSD 5/6/6 corrugated doors, an Ellcon-National Peacock hand brake, 70-ton Barber S-2 trucks with 33" wheels, a reinforced nailable steel floor and 15" FM ME-15 end-of-car cushioning. The load limit is 157,900 and the light weight is 62,100.