

XAra

18700 - 18799

(100 cars)

40'6" I.L., 50 ton capacity, 3840 CU.FT. I.H. 10'4"
3620 CU.FT. with Evans Auto Loaders
Automobile Box Cars

18700 - 18799 built Oct.-Nov. 1935 under AFE #10611 by Reading Company
From **XMs** box cars, originally built in 1919.
All were fitted with AJAX hand brakes when rebuilt to XAra.

Longevity of XAra 18700-18799

100 = October 1937.
___ = January 1940.
___ = October 1942.
200 = January 1943.
200 = April 1947.
200 = July 1953.
197 = July 1956.
196 = January 1957.
196 = October 1957.
195 = April 1958.
192 = July 1960.
58 = July 1961.....
57 = October 1962.
13 = July 1963.
13 = January 1964.
1 = April 1966.
1 = April 1969.... # 18939
0 = April 1971

Longevity of XAd 181700-181893

194 = July 1961.....
194 = October 1962..
192 = July 1963.....
191 = January 1964..
183 = April 1966....105/78 *
179 = April 1969....84/95 *
19 = April 1971....4/15 *
0 = January 1974..

1954 Memo: "Cars 18800-18999 changed to read 18700-18999. Auto loaders
being removed and all cars restored to XAd class, with 19
cars remaining to be completed as of 1-1-54."

READING COMPANY FREIGHT CAR DATA, CLASS XAra, COMPILED BY JOHN W. HALL

AFE #11741 Alterations to EVANS type "C" auto loaders to permit loading of
===== 1939 model automobiles on 100 automobile box cars, series 18700
 - 18799 inclusive, Reading Car Shop. AFE dated 12- 5-38.

AFE #18212 Retirement of EVANS auto loader equipment from 99 XAra box cars,
===== 18700-18751 and 18753-18799, and change to class XAd.
 Authorized on 7-17-52 for \$19,330.00 expenditure.
 Started 6-25-52...completed 11-30-55.

194 XAd box cars rehabilitated to series 181700 - 181893, December 1960
 through February 1961.

22 XAra and 44 XAd were reconditioned and renumbered to series 19600-19665
in 1963.

7 cars sold to Reading Dispatch November 1964, awaiting dismantling.

25 class XAra removed from Automobile Service and placed in General Service,
by way of fastening loading device to ceiling: (for unknown period of time)

18704	1- 2-48	18739	1-13-48	18778	1- 7-48
18708	1-16-48	18742	1- 5-48	18770	1-20-48
18711	12-29-47	18747	1- 2-48	18785	1-19-48
18713	1-13-48	18765	1- 3-48	18786	12-24-47
18714	1-14-48	18766	12-30-47	18790	1- 6-48
18722	1- 3-48	18767	1-31-48	18792	1- 9-48
18724	1-20-48	18770	1-20-48	18794	1-12-48
18726	1-31-48	18772	12-24-47		
18727	1-31-48	18777	1-31-48		

List of RDG CO Drawings for XAra Automobile Cars:

45908 General Arrangement
26853 Drawing List

BRAKES:

26580 Body Brake Rods
35796 Brake Diagram Plates
36054 Application of AJAX Hand Brake
36058 Bell Crank Bracket
180071 Hand Brake Rods - AJAX vertical

UNDERFRAME:

18459 Body Center Plate
36059 Body Bolster Center Casting
26854 Center Sill Guide at End
36058 Center Sill Guide at Sill
26843 Conditions at Corner - underframe
36056 Conditions at Cross Bearer - side sill
45922 Side Sills, Floor Support on Side Sill

BODY:

26856 Side Furring, Door Post Fillers
45921 Side Sheets, Corner Post
45922 Side Plate, Side Posts
26829 Corner Cap
36054 Body End Sheets
36045 Roof Sheets, Running Board
26852 Carline, Carline Assembly

DRAFT GEAR:

26428 Draft Key and Retainer
26854 Cushion Gear Follower Plate
26855 Cushion Gear Link and Link Pin
36058 Coupler Carrier Casting

TRUCK:

35496 Truck Assembly - 5.5" x 10"
35435 Side Frame
35582 Bolster
25975 Fulcrum Bracket
26352 Spring Plank and Tie Bar
26422 CRECO 3rd Point Suspension
18162 Brake Hangers
18017 Brake Shoe Keys
25920 Truck Brake Levers
18155 Truck Lever Connecting Rod
18429 Dust Guard
26353 Dead Lever Fulcrum
25666 Brake Beam - #3
26029 Journal Box
18646 Journal Bearing
18256 Journal Bearing Wedge
18647 Axles - 5.5" x 10"

List of RDG CO Drawings for XAra Automobile Cars: (continued)

SAFETY APPLIANCES:

25124	Side and End Ladder Grab Irons
18673	Roof Hand Hold
180495	Hand Brake Step
26430	Hand Brake Step Brackets
26850	End Ladder Stiles
36045	Running Board
26850	Running Board End Brackets

READING COMPANY FREIGHT CAR DATA, CLASS XAra, COMPILED BY JOHN W. HALL

number	built	retired / renumbered			XAra
18700	10- 3-35	12-27-60	became	RDG 181807	56500
18701	10-12-35	3- 7-63	became	RDG 19641	56000
18702	10-12-35	2- 5-63	became	RDG 19602	56300
18703	10-12-35	2-25-63	became	RDG 19625	56300
18704	10-12-35	12-27-60	became	RDG 181809	56300
18705	10-15-35	12-23-60	became	RDG 181771	56200
18706	10-15-35	12-19-60	became	RDG 181714	56400
18707	10-15-35	12-23-60	became	RDG 181779	56400
18708	10-15-35	3-21-63	became	RDG 19664	56300
18709	10-17-35	3- 5-63	became	RDG 19635	56100
18710	10-17-35	12-21-60	became	RDG 181749	56300
18711	10-17-35				56000
18712	10-17-35				56400
18713	10-18-35	12-19-60	became	RDG 181729	56100
18714	10-18-35	1-10-61	became	RDG 181851	56200
18715	10-18-35	12-23-60	became	RDG 181784	56500
18716	10-18-35	2- 6-63	became	RDG 19607	56300
18717	10-19-35	11- -64	sold	to Reading Dispatch	56400
18718	10-19-35	12-21-60	became	RDG 181736	56200
18719	10-19-35	1- 6-61	became	RDG 181843	56200
18720	10-19-35	12-19-60	became	RDG 181704	56300
18721	10-21-35	2-26-63	became	RDG 19628	56200
18722	10-21-35	1-19-61	became	RDG 181878	56200
18723	10-21-35	1-10-61	became	RDG 181846	56200
18724	10-21-35	12-19-60	became	RDG 181701	56300
18725	10-22-35	1-18-61	became	RDG 181868	56000
18726	10-22-35	3- -53	wrecked		56300
18727	10-22-35	3- -59	wrecked		56300
18728	10-22-35	1-18-61	became	RDG 181874	56400
18729	10-23-35				56400
18730	10-23-35	3- 4-63	became	RDG 19634	56300
18731	10-23-35	1- 3-61	became	RDG 181832	56200
18732	10-23-35	12-19-60	became	RDG 181719	56200
18733	10-24-35				56200
18734	10-24-35	1-25-61	became	RDG 181881	56300
18735	10-24-35	12-21-60	became	RDG 181752	56400
18736	10-24-35	12-27-60	became	RDG 181801	56300
18737	10-25-35	12-27-60	became	RDG 181812	56300
18738	10-25-35	1-30-61	became	RDG 181888	56500
18739	10-25-35				56200
18740	10-25-35	2-20-63	became	RDG 19620	56200
18741	10-26-35	2-15-63	became	RDG 19615	56000
18742	10-26-35	1- 4-61	became	RDG 181836	56200
18743	10-26-35	3-15-63	became	RDG 19654	56300
18744	10-26-35	12-23-60	became	RDG 181761	56300
18745	10-28-35	12-27-60	became	RDG 181814	56200
18746	10-28-35				56300
18747	10-28-35	12-23-60	became	RDG 181789	56100
18748	10-28-35	3- 6-63	became	RDG 19639	56300
18749	10-29-35	12-27-60	became	RDG 181797	56200

READING COMPANY FREIGHT CAR DATA, CLASS XAra, COMPILED BY JOHN W. HALL

number	built	retired / renumbered			XAra
18750	10-29-35	5- -58	sold		56300
18751	10-29-35	12-21-60	became	RDG 181739	56200
18752	10-29-35	3- -50	wrecked		56200
18753	10-30-35	10- -52	wrecked		56200
18754	10-30-35	3-20-63	became	RDG 19661	56300
18755	10-30-35	1- 6-61	became	RDG 181842	56300
18756	10-30-35	2- 5-63	became	RDG 19603	56400
18757	10-31-35				56300
18758	10-31-35	1- 6-61	became	RDG 181840	56300
18759	10-31-35	12-21-60	became	RDG 181732	56400
18760	10-31-35	12-23-60	became	RDG 181769	56300
18761	11- 1-35	12-27-60	became	RDG 181810	56300
18762	11- 1-35	1- 3-61	became	RDG 181831	56200
18763	11- 1-35	10- -56	wrecked		56400
18764	11- 1-35	2-27-63	became	RDG 19630	56300
18765	11- 2-35	1-12-61	became	RDG 181856	56200
18766	11- 2-35	12-19-60	became	RDG 181720	56300
18767	11- 2-35				56300
18768	11- 2-35	2- 1-61	became	RDG 181893	56300
18769	11- 2-35	12-27-60	became	RDG 181796	56400
18770	11- 4-35	12-19-60	became	RDG 181700	56300
18771	11- 4-35				56200
18772	11- 4-35	12-27-60	became	RDG 181817	56200
18773	11- 4-35	12-27-60	became	RDG 181799	56200
18774	11- 5-35	2- 1-61	became	RDG 181892	56500
18775	11- 5-35	12-21-60	became	RDG 181759	56200
18776	11- 5-35	1-16-61	became	RDG 181865	56200
18777	11- 5-35	1-31-61	became	RDG 181891	56300
18778	11- 6-35	3-13-63	became	RDG 19651	56100
18779	11- 6-35	12-28-60	became	RDG 181824	56300
18780	11- 6-35	2- 5-63	became	RDG 19604	56200
18781	11- 6-35	12-23-60	became	RDG 181762	56100
18782	11- 6-35	1-26-61	became	RDG 181886	56400
18783	11- 7-35	3-12-63	became	RDG 19647	56300
18784	11- 7-35	3-20-63	became	RDG 19662	56200
18785	11- 7-35	12-21-60	became	RDG 181754	56200
18786	11- 7-35	12-21-60	became	RDG 181751	56300
18787	11- 8-35	1- 4-61	became	RDG 181834	56300
18788	11- 8-35	12-27-60	became	RDG 181791	56400
18789	11- 8-35	12-21-60	became	RDG 181740	56400
18790	11- 8-35	12-19-60	became	RDG 181707	56400
18791	11- 9-35	1-12-61	became	RDG 181859	56500
18792	11- 9-35	12-23-60	became	RDG 181765	56400
18793	11- 9-35	12-23-60	became	RDG 181774	56400
18794	11- 9-35	12-27-60	became	RDG 181795	56500
18795	11- 9-35	12-28-60	became	RDG 181823	56300
18796	11- 9-35	3-18-63	became	RDG 19656	56600
18797	11- 9-35				56400
18798	11- 9-35	2-19-63	became	RDG 19619	56400
18799	11- 9-35	2-11-63	became	RDG 19611	56500