PLAINTIFF'S EXHIBIT

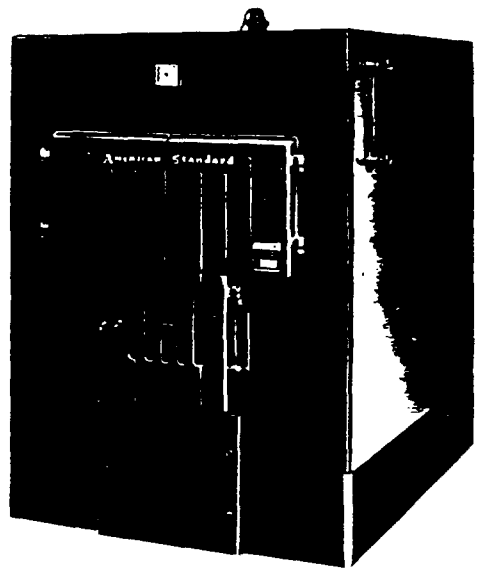
ASI-990

AMERICAN STANDARD

A-7 & FR-A-7

all fuels boiler

steam and water



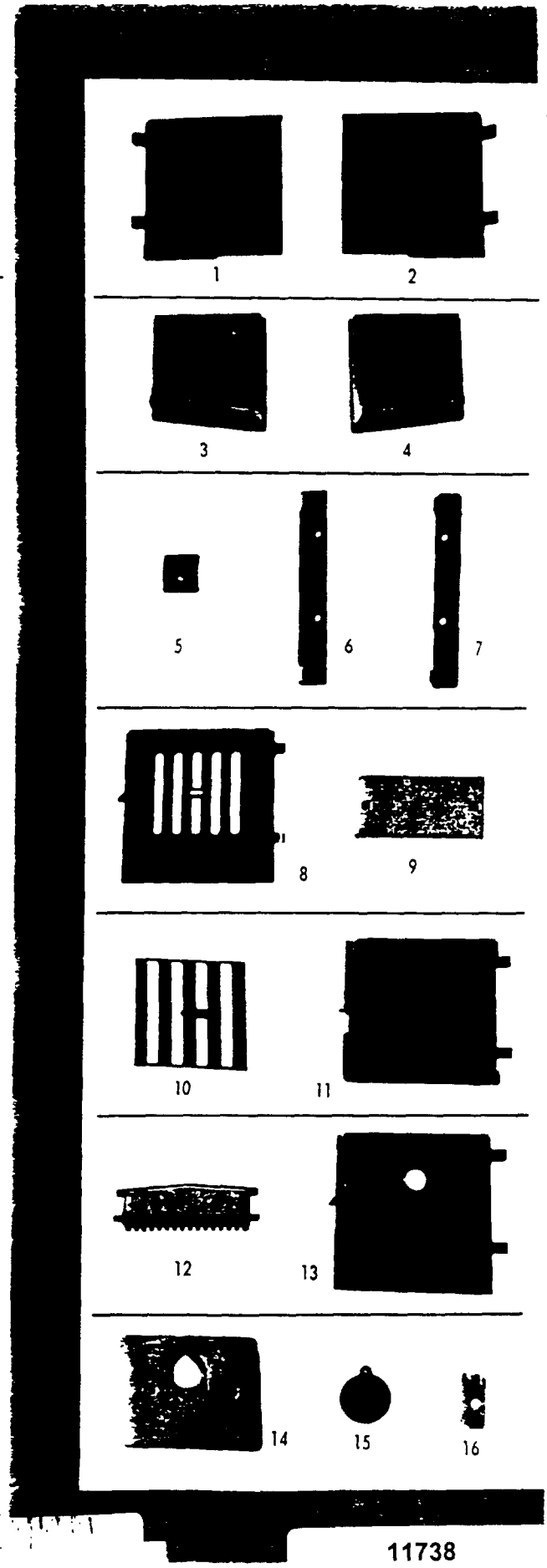
series 1B & 2B

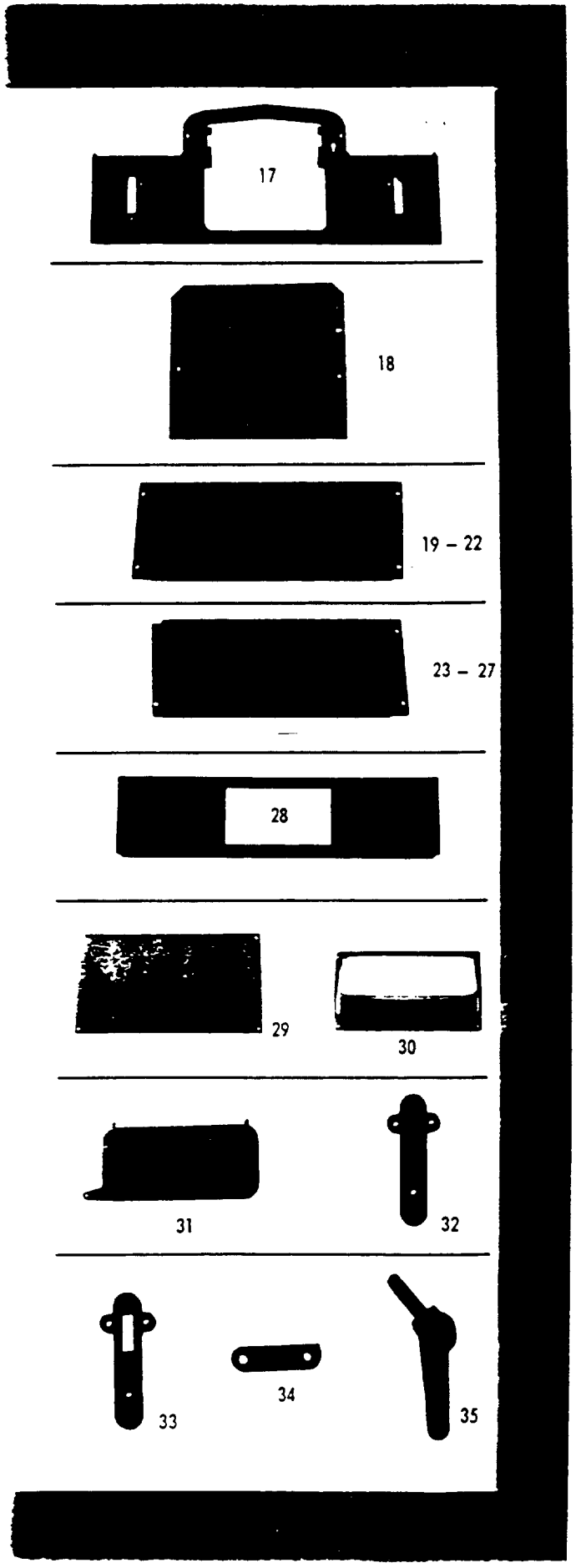
oil fired	A-705-SO to A-714-SO A-705-WO to A-714-WO FR-A-706-SO to FR-A-714-SO FR-A-706-WO to FR-A-714-WO
stoker fired	A-705-SC to A-714-SC A-705-WC to A-714-WC
hand fired	A-705-S to A-712-S A-705-W to A-712-W

Repair part price for each part number is found at back of book.

cat. no.	description	part no.	*fuel used for
1	cleanout door, L.H.	516	all
2	cleanout door, R.H.	515	all
3	cleanout door lining, L.H.	518	all
4	cleanout door lining, R.H.	517	all
5	cleanout door catch	527	all
6	cleanout door hinge, L.H.	875	all
7	cleanout door hinge, R.H.	876	all
7	fire door hinge	876	S & HF
7	ashpit door hinge	876	S & HF
8	fire door	521	S & HF
9	fire door lining	522	S & HF
10	fire door slide damper	523	S & HF
11	ashpit door	526	S & HF
12	clinker grate	519	HF
13	service door	531	O
14	service door lining	532	O
15	sight opening cover plate	170	O
16	fire, ashpit door catch	740	S & HF
16	service door catch	740	O

*O - oil fired
S - stoker fired
HF - hand fired (coal)





A-7 and FR-A7 all fuels boiler

note: parts used for series 1B & 2B

cat. no.	description	part no.	*fuel used for
17	front base panel	514	all
18	front burner plate (blank)	99547	O
	front burner plate w/7½" hole	21644	O
	front burner plate w/8½" hole	21645	O
	front burner plate w/9¼" hole	21646	O
	base sides, front, R. or L.		
19	6 section	508	all
**20	7, 8, 11 and 12 section	509	all
21	5, 9 and 10 section	510	HF
**22	5, 9, 10, 13 and 14 section	510	O & S
	base sides, rear, R. or L.		
**23	6, 7 and 11 section	511	all
**24	8, 9, 11 and 12 section	512	HF
**25	8, 9, 11, 12, 13 and 14 section	512	O & S
26	10 section	513	HF
**27	10 and 14 section	513	O & S
28	rear base panel	528	all
29	draft opening cover plate	99548	O & S
30	draft pouch	529	HF
31	draft pouch door	530	HF
32	blank angle lever plate	336	O & S
33	angle lever plate	335	HF
34	angle lever link	338	HF
35	angle lever	6629	HF

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HF - hand fired (coal)

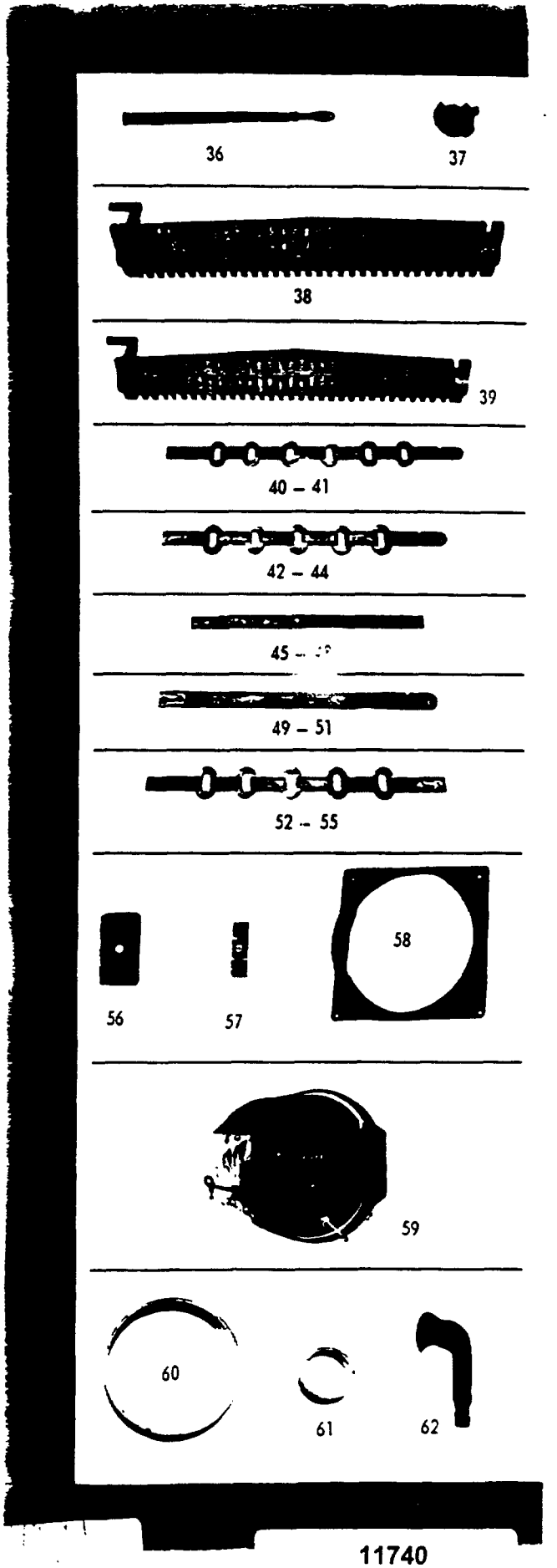
** 11 – 14 section reinforcement angles for base, R. or L.

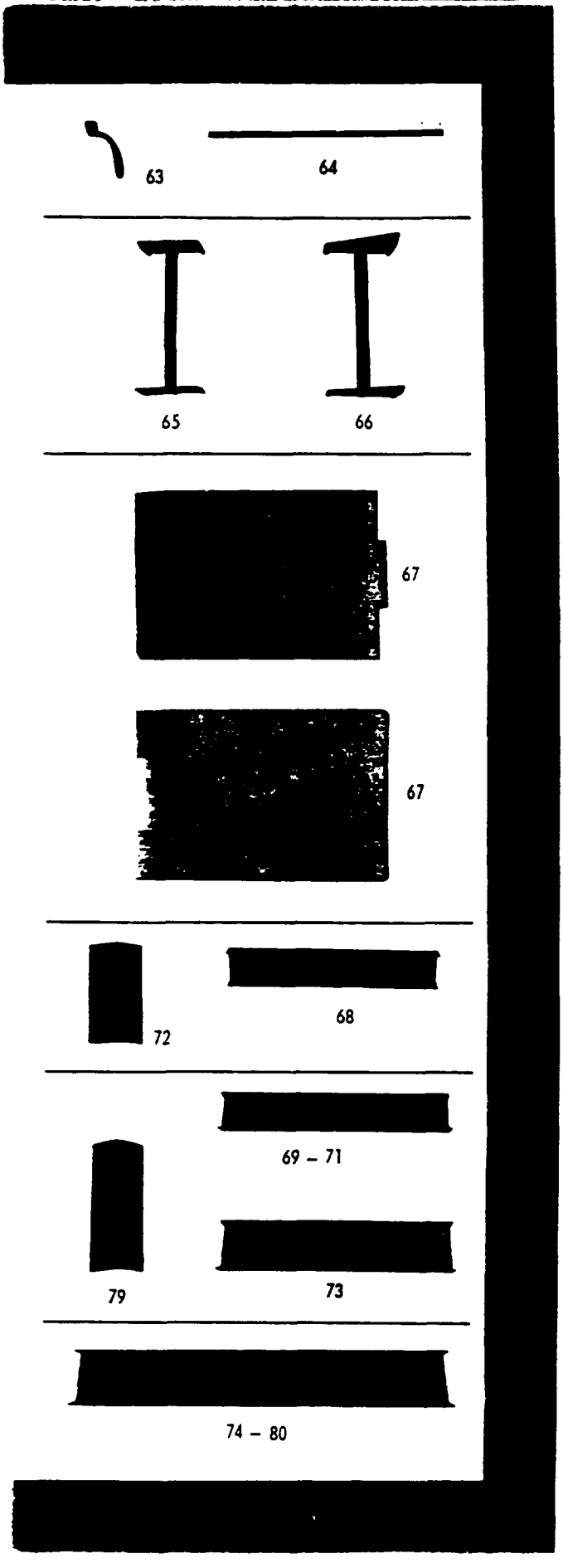
11 section	5041
12 section	5042
13 section	5043
14 section	5044

Repair part price for each part number is found at back of book.

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cat. no.	description	part no.	*fuel used for
36	shaker handle	3048	HF
37	connecting arm catch	774	HF
38	center grate bar	534	HF
39	front or back grate bar	535	HF
	grate connecting bars.		
40	5 link, 5 section	490	HF
41	6 link, 6 section	491	HF
	grate connecting bars, L.H. front:		
42	4 link, 7 and 8 section	492	HF
43	5 link, 9 and 10 section	493	HF
44	6 link, 11 and 12 section	494	HF
	grate connecting arms, L.H. rear:		
45	3 blank, 7 section	498	HF
46	4 blank, 8 and 9 section	499	HF
47	5 blank, 10 and 11 section	500	HF
48	6 blank, 12 section	501	HF
	grate connecting arms, R.H. front:		
49	4 blank, 7 and 8 section	495	HF
50	5 blank, 9 and 10 section	496	HF
51	6 blank, 11 and 12 section	497	HF
	grate connecting bars, R.H. rear.		
52	3 link, 7 section	502	HF
53	4 link, 8 and 9 section	503	HF
54	5 link, 10 and 11 section	504	HF
55	6 link, 12 section	505	HF
56	connecting arm slot cover plate	3014	O & S
57	connecting arm slot cover plate strap	3015	O & S
58	smoke collar	520	all
59	barometric draft control assembly	5780	HF
60	assembly push nipple, 8" top	3084	all
61	assembly push nipple, 3" bottom	3076	all
62	hand regulator post	1664	HF





A-7 and FR-A7 all fuels boiler

note: parts used for series 1B & 2B

cat. no.	description	part no.	*fuel used for
63	hand regulator clamp	1663	HF
64	regulator lever	6504	HF
	flue baffles:		
65	upper, 5 thru 8 section	524	O
66	lower, 5 thru 8 section	525	O
67	refractory crown sheet baffles 5 section only – per set	5071	O
	steel pedestal base – 8" height:		
68	front or rear panel	6884	O & S
69	base side, 5 section R. or L.	6886	O & S
70	base side, 6 section, R. or L.	6887	O & S
71	base side, 7 section, R. or L.	6888	O & S
72	corner tie angle	5045	O & S
	steel pedestal base – 10" height:		
73	front or rear panel	6885	O & S
74	base side, 8 section, R. or L.	6889	O & S
75	base side, 9 section, R. or L.	6890	O & S
76	base side, 10 section, R. or L.	6891	O & S
77	base side, 11 section, R. or L.	6892	O & S
78	base side, 12 section, R. or L.	6893	O & S
79	base side, 13 section, R. or L.	6894	O & S
80	base side, 14 section, R. or L.	6895	O & S
81	corner tie angle (not illustrated)	5046	O & S
82	4 lb. ball weight (not illustrated)	3101	
	Fire Tile A-7		
83	oil service door catch plate	27838	
83A	steel burner plate	27267	
	upper and intermediate hot flue baffle		
84	5 to 9 section	0524	
85	10 and 11 section	0537	
	lower hot flue baffle		
86	5 to 9 section	0525	
87	10 and 11 section	0536	
88	crown sheet baffle 6 and 7 section	05071	
	Fire Tile A-7		
89	5, 6 & 7 section	5437	
90	8, 9, 10, 13 & 14 section	5438	
91	11 & 12 section	5439	
	Fire Tile FR-A7		
	Fire Tile FR-A7		
92	5, 6 & 7 section	5399	
93	8 section	5400	
94	9 section	5401	
95	10, 11, 12 & 13 section	5402	
96	14 section	5403	

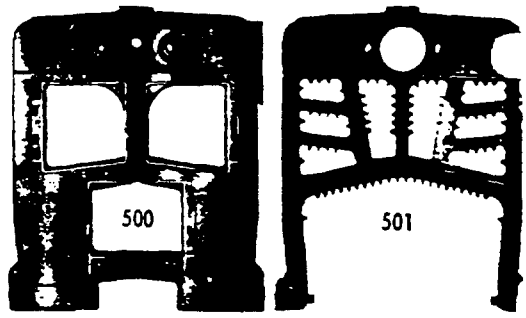
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S - stoker fired
HF - hand fired (coal)

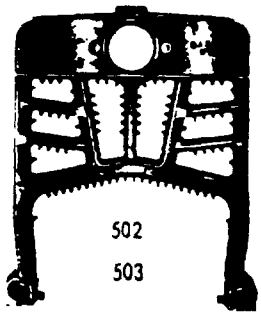
A-7 and FR-A7 all fuels boiler

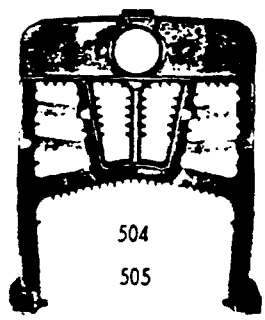
note: parts used for series 1B & 2B

section

cat. no.	description	code letter	part no.
500	front section	FX	3953
501	front center section	FC	3954
502	center section	C	3955
503	center connecting section	CX	3956
504	rear center section	RC	3957
505	rear center connecting section	RCX	3958
506	back section	BX	3959









11742

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