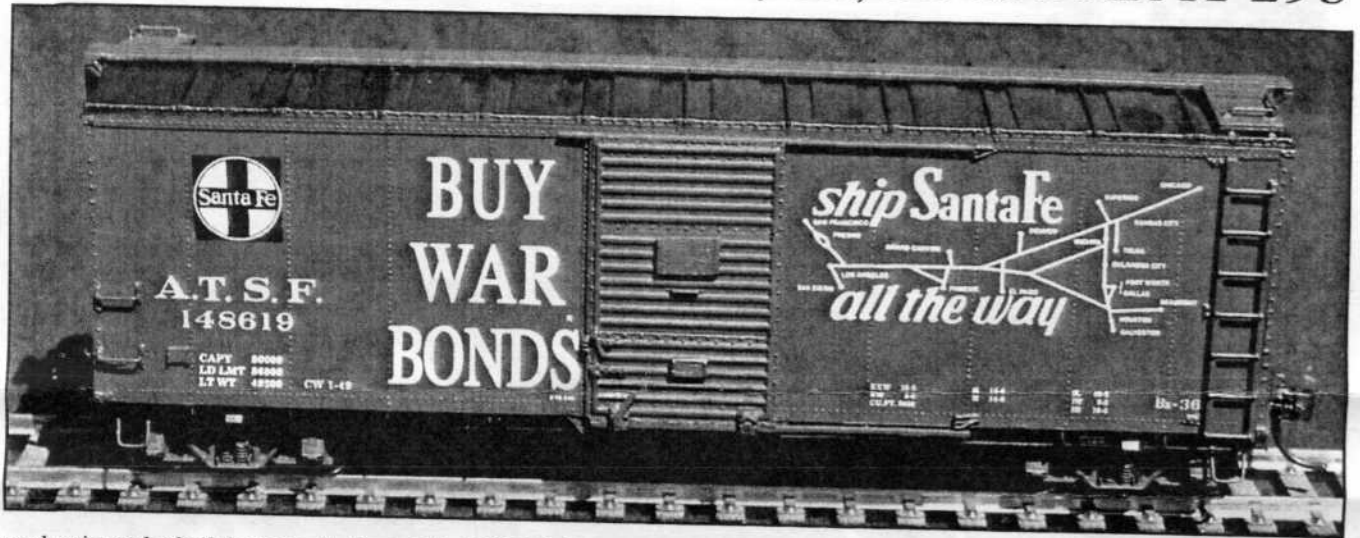




**SUNSHINE
MODELS**

64.23-64.36

More Steel Rebuilds ATSF Bx-32, 33, 36 & PRR X-29b



Two classic steel rebuilt boxcars: the Santa Fe's USRA fishbelly rebuilds and the Pennsy's X-29b, came from distinctively different origins. Both the Santa Fe cars from the late Thirties and early Forties and the Pennsy cars from 1948 helped increase depleted rolling stock fleets on their respective roads.

The Santa Fe had the largest number of steel rebuilds of USRA double sheathed boxcars, a total of 2608 in five classes. All the cars retained their USRA fishbelly underframe and Murphy corrugated ends, with additions to increase their height. They were given new 10 panel steel sides, Murphy paneled roof and Youngstown doors in

the immediate pre-war period. The Bx-32, 33 and 36 were 10'4" IH. The difference between the prior 10' IH rebuilds was more space above the top two ribs.

The Bx-32/33 had notched corners where the old ends were attached to the new sides. The Bx-36 had full width ends, a distinction shared only with Wabash rebuilds. There were 200 Bx-32s, 500 Bx-33s and 1535 Bx-36s.

The cars were noteworthy also for their lettering. Some early Bx-32s arrived before adoption of the famous Santa Fe map and train slogans in January 1940. Late Bx-32s and early Bx-33s carried the

- ___ Kit #64.23 Bx-32 10'4" IH USRA Rebuilt Boxcar with simplified pre-map lettering, \$34
- ___ Kit #64.24 Bx-32 10'4" IH USRA Rebuilt Boxcar with curved map and Scout slogan, \$35
- ___ Kit #64.25 Bx-33 10'4" IH USRA Rebuilt Boxcar with curved map and El Capitan slogan, \$35
- ___ Kit #64.26 Bx-33 10'4" IH USRA Rebuilt Boxcar with early straight map without "Ship" and Grand Canyon slogan, \$35
- ___ Kit #64.27 Bx-33 10'4" IH USRA Rebuilt Boxcar with early straight map without "Ship" and Super Chief slogan, \$35
- ___ Kit #64.28 Bx-33 10'4" IH USRA Rebuilt Boxcar with early straight map without "Ship" and Scout slogan, \$35
- ___ Kit #64.29 Bx-36 10'4" IH USRA Rebuilt Boxcar with straight map and Scout slogan, \$35
- ___ Kit #64.30 Bx-36 10'4" IH USRA Rebuilt Boxcar with straight map and Chief slogan, \$35
- ___ Kit #64.31 Bx-36 10'4" IH USRA Rebuilt Boxcar with straight map, El Capitan slogan and Buy War Bonds, \$36
- ___ Kit #64.32 Bx-36 10'4" IH USRA Rebuilt Boxcar with straight map, Super Chief slogan and Buy War Bonds, \$36
- ___ Kit #64.33 Bx-36 10'4" IH USRA Rebuilt Boxcar with straight map, Grand Canyon slogan and Buy War Bonds, \$36
- ___ Kit #64.34 Bx-36 10'4" IH USRA Rebuilt Boxcar with Ship and Travel and Texas Chief slogan, \$35
- ___ Kit #64.35 PRR X-29b 10'6" IH rebuilt boxcar, etched metal Apex running board, circle keystone herald, \$37
- ___ Kit #64.36 PRR X-29b 10'6" IH rebuilt boxcar, etched metal Apex running board, Merchandise Service decals, \$38
- ___ Trucks #TP 40 Black plastic ARA cast side frame, non-sprung trucks with non-magnetic metal wheelsets, \$5
- ___ Trucks #TP 51 Black plastic Andrews side frame, non-sprung trucks with non-magnetic metal wheelsets, \$5
- ___ Trucks TM6 Pennsy coil-leaf 2D-F12 trucks with V-9306 side frame in white metal with metal wheelsets, \$6
- ___ Trucks TM7 Pennsy coil-coil 2D-F8 trucks with V-9306 side frame in white metal with metal wheelsets, \$6
- ___ E.13 Pennsy Chalkmarks in light gray from period photos, approximately 70 per set, \$4
- ___ E.28 Western Chalkmarks in light gray from period photos, approximately 70 per set, \$4 NEW
- ___ E.29 Western Large Chalkmarks in light gray from period photos, approximately 70 per set, \$4 NEW
- ___ E.31 ATSF II Chalkmarks in light gray from period photos, approximately 70 per set, \$4 NEW
- ___ E.32 Fresh White Chalkmarks in white from period photos, approximately 70 per set, \$4 NEW
- ___ E.51 Mid Atlantic Reweigh Stations and Dates and Corresponding Repack Data with Colored Background Decals, \$6
- ___ E.53 Western Reweigh Stations, Dates and Repack Data with Colored Background Decals, \$6
- ___ E.55 Southwestern Reweigh Stations, Dates and Repack Data with Colored Background Decals, \$6

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Add \$4.00 for shipping per five kits in U.S. (MO residents add 6.6%), Canada \$15.88 for six kits

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2006



short-lived curved map design. The exact change-over to early straight map is unknown. The early straight map used on the later Bx-33s did not include the word "ship" in the slogan, reading simply "Santa Fe all the way". The Bx-36 received the final map that included "ship" before "Santa Fe all the way". The map was placed on the left side of the car when viewed from the brake end. The right side bore the train slogan.

A further distinction distinguished the Bx-36. During 1942, the road chose this class only to paint "Buy War Bonds" to the left of the door. These were substantial sized letters with the words reading from top to bottom. Some 368 cars received this stenciling over existing paint in the next two years. This motto lasted on some cars as late as the mid-1950s, though it was removed when repainting after World War II. The decal set includes car numbers for some cars known to receive "Buy War Bonds".

When the maps stenciling was dropped in mid-1947, the slogan "Ship and Travel Santa Fe" replaced it and the train slogans were modified. The Bx-32, 33 and 36 cars received various S&T slogans, which are only recorded by photos from the period.

Most of the rebuilds retained their Andrews trucks, but when replacement was necessary ARA cast side frame trucks were used. Running boards were wood. Ajax power hand brakes were applied universally.

Since the effect of rebuilding the USRA wood cars was to create a 1937-42 AAR design boxcar, their service life was prolonged. They lasted in revenue service well into the modern era.

During 1948-49 the Pennsylvania rebuilt 45000 of its venerable X-29s, the railroad's most notable piece of freight rolling stock and the largest block of boxcars of a given design in U.S. history. The X-29 suffered from two major deficiencies: a very small capacity

stemming from the 8'7" IH and deteriorating side panels at the floor level. To remedy this, the carbody of the X-29 was removed and the carbody of a 10'6" IH post war AAR design boxcar placed on the underframe. Lightweight Youngstown doors, diagonal panel roof and 4/3/1 improved Dreadnaught ends were applied. Along the side of the car was a recessed side sill reflecting the original width of the X-29.

The Pennsy mixed power hand brakes. Photo evidence shows Ajax, Universal and Ureco hand brakes. All cars received Apex running boards. The majority of the cars got 2D-F8, a minority 2D-F12 trucks, both of which shared the common Pennsy V-9306 cast side frames.

The X-29bs were numbered 26501-31000, the first cars being the highest numbers.

The X-29bs received numerous special assignments, the most notable being Pennsy Merchandise Service with a total of 290 cars in 1956. The cars received a band of white and silver and an enlarged keystone logo, signifying their special service.

The X-29bs were modern cars and served well. There were 4035 cars in service in 1965.

All rebuilds kits use new masters for the castings.

The Sunshine kits are vacuum cast in gray urethane. Kits include all detailing parts (except trucks and couplers) and proprietary decals. Full instructions and a Prototype Data Sheet are included.

The Santa Fe cars include maps and slogans coordinated with the number jumble in the lettering set. The Pennsy kits include etched metal Apex running boards.

The correct Andrews, ARA side frame, 2D-F8 and 2D-F12 trucks are available separately. Appropriate chalkmarks and Reweigh/Repack decals are also available.