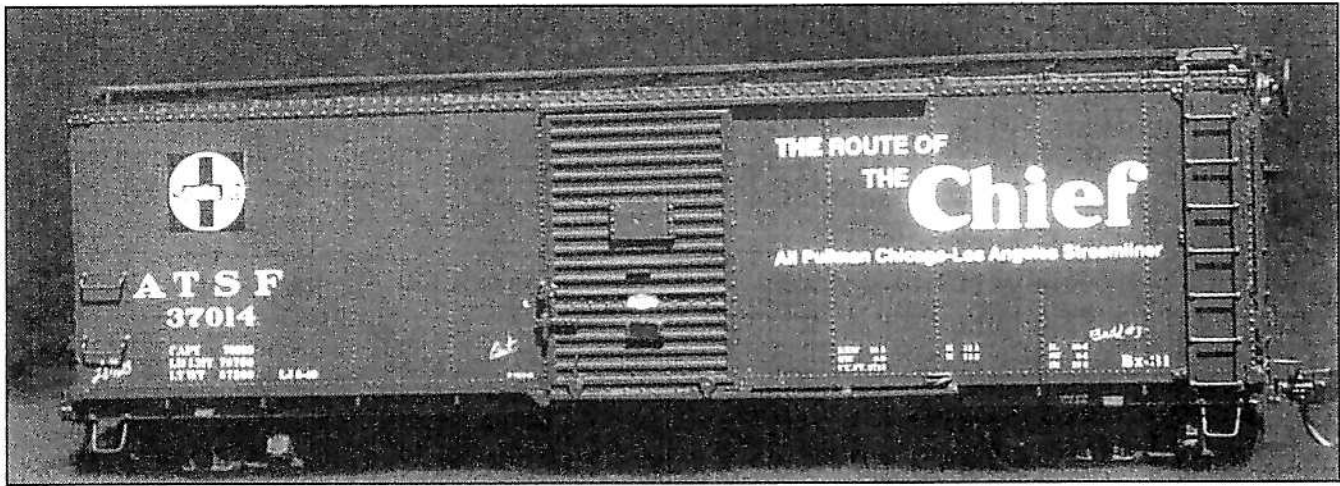


64.37-64.48



Never Before Offered ATSF 10' IH USRA Rebuilds, Bx-28, 31



In 1937 the Santa Fe began the massive rebuilding of its large fleet of Bx-2 USRA design wood sheathed, wood framed boxcars into all steel cars. This project began with the simple addition of 10 panel steel sides purchased from Youngstown Steel Car and a modern Murphy straight paneled steel roof to the old USRA underframe and Murphy corrugated ends. Two extra Murphy corrugations were added at the top of the ends to span the new inside height of 10'. Since the new car was wider than the old one, a series of gussets were added to the side sill translating the side forces to the underframe and making a visible row of "teeth" along the bottom. Likewise, the old ends were too narrow, so an angle was added to each side extending them to the new width.

Construction to the new 10' IH all steel standard was continued in 1939 when another 200 cars, Bx-31s were built. The first class, the Bx-28, had triangular gussets on the side sills joining the new steel sides with the old underframe. The Bx-31s used a trapezoidal

gusset. The two cars differed further in that the Bx-28 received new cast sideframe trucks while the Bx-31 retained its Andrews trucks. Thus the -28s had 50 ton capacity and the -31s had 40 tons. There were 200 cars of both the Bx-28 and Bx-31 classes.

The cars were noteworthy also for their lettering. Bx-28/31s arrived with a simple pre-map lettering and black and white herald. Subsequent repainting after January 1940 included the famous Santa Fe map and train slogans and S&T with slogans arrived in 1947. The application of slogans was random.

Selected Bx-31 cars were modified in 1946 for auto parts loading, the 37000 series. The decals will allow this lettering.

The 10' IH rebuilds have never been offered before.

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. Appropriate trucks and chalkmarks are available separately.

- ___ Kit #64.37 Bx-28 10 IH USRA Rebuilt Boxcar with simplified pre-map lettering (1937-early 50s), \$35
- ___ Kit #64.38 Bx-31 10 IH USRA Rebuilt Boxcar with simplified pre-map lettering (1939-early 50s), \$35
- ___ Kit #64.39 Bx-28 10 IH USRA Rebuilt Boxcar with map/El Capitan lettering (1940-50s), \$35
- ___ Kit #64.40 Bx-31 10 IH USRA Rebuilt Boxcar with map/El Capitan lettering (1940-50s), \$35
- ___ Kit #64.41 Bx-28 10 IH USRA Rebuilt Boxcar with map/Super Chief lettering (1940-50s), \$35
- ___ Kit #64.42 Bx-31 10 IH USRA Rebuilt Boxcar with map/Super Chief lettering (1940-50s), \$35
- ___ Kit #64.43 Bx-28 10 IH USRA Rebuilt Boxcar with map/Grand Canyon lettering (1940-50s), \$35
- ___ Kit #64.44 Bx-31 10 IH USRA Rebuilt Boxcar with map/Grand Canyon lettering (1940-50s), \$35
- ___ Kit #64.45 Bx-28 10 IH USRA Rebuilt Boxcar with S&T/Super Chief lettering (1947-60s), \$35
- ___ Kit #64.46 Bx-31 10 IH USRA Rebuilt Boxcar with S&T/Super Chief lettering (1947-60s), \$35
- ___ Kit #64.47 Bx-28 10 IH USRA Rebuilt Boxcar with S&T/Chief lettering (1947-60s), \$35
- ___ Kit #64.48 Bx-31 10 IH USRA Rebuilt Boxcar with S&T/Chief lettering (1947-60s), \$35
- ___ Trucks #TP 40 Black plastic ARA cast side frame, non-sprung trucks with non-magnetic metal wheelsets for Bx-28, \$5
- ___ Trucks #TP 51 Black plastic Andrews side frame, non-sprung trucks with non-magnetic metal wheelsets for Bx-31, \$5
- ___ 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
- ___ 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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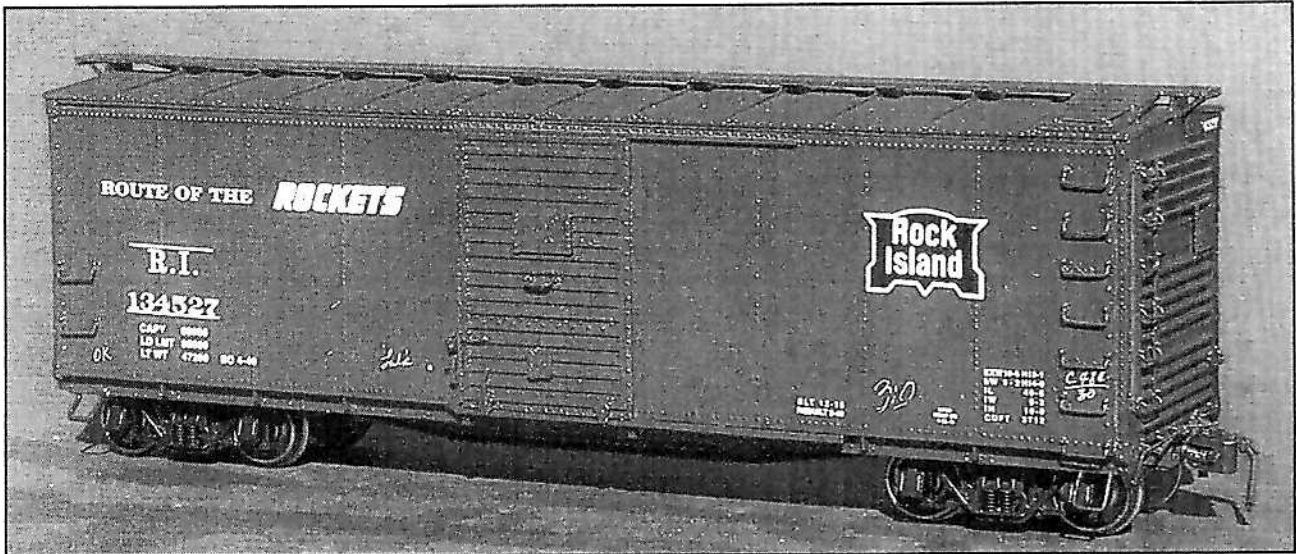
Add \$4.00 for shipping per five kits in U.S. (MO residents add 6.6%), Canada \$15.88 for six kits

Sunshine Models Box 4997 Springfield MO 65808-4997

2007

USRA Rebuilds

RI, CNW, CMO, Wabash, SSW



The age of freight car rebuilding is widely associated with the Great Depression. With the encouragement of a few vendors, such as Youngstown Steel Door Co., the railroads began upgrading wood sheathed and wood framed boxcars into modern steel cars.

The Rock Island's rebuilding of 800 USRA double sheathed cars was completed in two blocks of 400 cars at Armourdale (Kansas City) and Blue Island (Chicago) in 1936 and 1940. It consisted of applying new eight panel steel sides and a Murphy steel paneled roof to the original Murphy ends and fishbelly underframe. To accommodate the increased width and height of the car, brackets were applied to the original side sill to support the steel sides and a spacer was added between the top and middle section of the Murphy ends. A

characteristic of most rebuilds was a vertical notch at the junction of the sides and ends, common to the RI rebuilds as well.

In 1955 the U.S. Railway Equipment Co. purchased and leased 102 ex-CMO cars to the Rock Island, giving the RI its version of Viking roof equipped cars. Some cars received Apex steel roofwalks.

The CNW and its subsidiary, the Omaha Road had contemporary rebuildings similar to the Rock Island. The major difference was application of the Viking steel roof in place of the Murphy paneled design. The CNW built 1200 cars in 1937 and 1940.

The Omaha Road rebuilt 200 cars of a similar design in 1941-42. The CMO cars were the series 37100-37498, even numbers only.

(over)

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- ___ Kit #64.49 SSW 46000 series 10'8" IH USRA clone rebuild with wood running board, original large white "Gin" herald (1937-late 40s), \$36
 - ___ Kit #64.50 SSW 46000 series 10'8" IH USRA clone rbl'd with etched running board, Blue Streak Fast Freight blue/white herald (1941-50s), \$39
 - ___ Kit #64.51 SSW 46000 series 10'8" IH USRA clone rebuild w/ steel running board, medium sized 1950s white "Gin" herald (1950s-60s), \$38
 - ___ Kit #64.52 Wabash 10' IH USRA clone rebuild with paneled steel roof, steel running board, notched ends, white decals (1940-50s), \$38
 - ___ Kit #64.53 Wabash 10'4" IH USRA clone rebuild with paneled steel roof, steel running board, full width ends, white decals (1940-50s), \$38
 - ___ Kit #64.54 Rock Island USRA rebuild with paneled steel roof, wood running board, black and white Route of the Rockets decals (1936-60s), \$36
 - ___ Kit #64.55 Rock Island USRA rebuild with Viking roof, wood running board, black and white Route of the Rockets decals (1955-60s), \$36
 - ___ Kit #64.56 Rock Island USRA rebuild with Viking roof, steel Apex running board, black and white Route of the Rockets decals (1955-60s), \$38
 - ___ Kit #64.57 CNW USRA rebuild with Viking roof, wood running board, Route of the 400 and The Streamliners decals (1937-50s), \$36
 - ___ Kit #64.58 CNW USRA rebuild with Viking roof, wood running board, Route of the 400 decals (1937-50s), \$36
 - ___ Kit #64.59 CMO USRA rebuild with Viking roof, wood running board, Route of the 400 decals (1941-50s), \$36
 - ___ Kit #64.60 CMO USRA rebuild with Viking roof, Apex running board, green and yellow Route of the 400, Y'town doors (1950-60s), \$38
 - ___ Kit #64.61 CMO USRA rebuild with Viking roof, Apex running board, green and yellow Route of the 400, Superior doors (1950-60s), \$38

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Add \$4.00 for shipping per five kits in U.S. (MO residents add 6.725%), Canada \$15.88 for six kits

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