

# 40' & 50' BOX CAR & STOCK CAR KITS

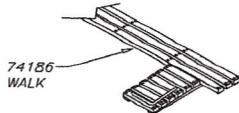
**PRR CLASS X-31.** 40' box cars had a novel roof design named the "round roof" or "wagon top". By curving the roof sheets to meet the eave bar vertically (leaving a 4" inset on the edge) the cars had an inside height of 10'. The X-31's were used primarily to transport new automobiles or auto parts. The majority of X-31's are in the X-31, X-31A, X-31B and X-31C sub classes. These classes had very minor external differences. The X-31's were first built in January 1933. In 1935, the roof of the X-31's was redesigned, with a new inside height of 10' 5" in the center and 10' 0" at the sides. The external appearance changed with the roof sheets overlapping the side sheets at the eaves. This gave a flush appearance to the roof as compared to the inset of the original design. By 1936, the single door X-31A had replaced the X-29 as the general service box car. The X-31's were used on the Pennsy throughout the 1940's, 1950's, and the mid 1960's. The following X-31's were in service: 8,574 cars in 1936; 10,496 cars in 1939; 9,786 cars in 1944; 9,702 cars in 1953; 9,522 cars in 1960; 1,038 cars in 1968. The Seaboard purchased 1200 double door cars and 500 single door cars in the 1940's, the Detroit Toledo and Ironton purchased 400 double door cars in 1937 and the Norfolk and Western purchased 300 cars double door cars and 1300 single door cars between 1936 & 1939. In the late 1940's the DT & I sold all its 40' round roof cars to the Northern Pacific. Later the cars were sold to Manufacturers Railway and Detroit and Mackinac.

**Class X-32 & X-33.** In 1932, the PRR designed the Class X-32 and X-33 Box cars. They were the first PRR 50' box cars. The class X-32 had double and single door version while the X-33 had only double side door and end doors for auto loading. 50' cars were first called "furniture cars", but soon found use in the automobile industry. The cars were equipped with Evans auto loader racks. The group remained intact until around 1953 but deminished in the mid 1950's. A drastic drop in the early 1960's left cars that were still in service to be sold off or in most cases scrapped. Second owners kept them in service well into the 1970's. They under went many changes, such as. closing off the second door or removing it completely.

**Class K-9 & K-11.** In 1959 the PRR planned to rebuild a substantial number of 50' auto parts boxcars into stock cars. Because some of the cars were still in good condition, a prototype conversion was done at the PRR shops in Fort Wayne Indiana. Between 1960 and 1968 372 conversion called the "Cattle Pullmans" were completed.

**The production molds were made using the original PRR drawings as our guide.** Kit includes: injection molded plastic body, doors, roof walk, brake wheel, X2f couplers, one piece molded (coil semi-elliptic spring) trucks and 33" chilled wheels with RP-25 flanges on brass axles. MADE IN USA.

## WALK INSTRUCTIONS FOR X-31F



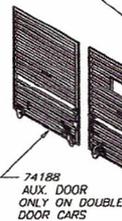
REMOVE THE END WALK WITH SHARP KNIFE  
TOUCH UP PAINT:  
POLLY SCALE MINERAL RED or  
POLLY SCALE FREIGHT CAR BROWN

74327 (X-31F only)  
LATERAL WALK

74186 40' Box & Stock Car  
74186 50' Box & Stock Car  
End walk is cast on walk  
X-31F only. Remove end  
walk with a sharp knife

Special Instructions for Stock Cars  
Trim the side mounting tabs  
molded on the floor  
The floor will have to be  
glued in place.

74184 40' Car  
74194 50' Car



74188 AUX. DOOR  
ONLY ON DOUBLE  
DOOR CARS

74187 MAIN DOOR  
USED ON BOTH  
SINGLE AND DOUBLE  
DOOR CARS

### X-31 & X-32 Bodies

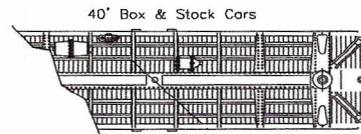
74180 40' Single Door Flush Roof  
74181 40' Double Door Flush Roof  
74182 40' Single Door Inset Roof  
74183 40' Double Door Inset Roof  
74192 50' Single Door  
74195 50' Double Door

74323 X-31F Body  
74324 X-33 Body  
74328 K-9 50' Stock Car Body  
74329 K-11 40' Stock Car Body

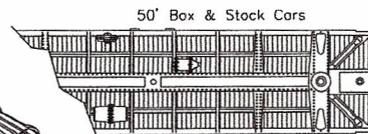
3-75001 40' Generic Single Door Box Car Body  
3-75002 40' Generic Double Door Box Car Body  
3-75003 50' Generic Single Door Box Car Body  
3-75004 50' Generic Double Door Box Car Body

#79190 PRR Trucks (Pair)  
#74189 PRR truck frame only  
#74277 AAR Trucks (pair)  
#74286 AAR truck frame only  
#74018 33" Wheel & Axle

256031  
SCREW



40' Box & Stock Cars



50' Box & Stock Cars

HAND WHEEL  
END OF CAR

74327 LATERAL WALK

74185 BRAKE WHEEL

74222 WEIGHT

WEIGHT IS SHIPPED  
UNDER THE BOX LINER.

COUPLER SLEEVE #74007  
USE ONLY WITH KADEE #5  
AND ATHEARN COUPLERS.

4220 COUPLER

74010 COUPLER COVER

806  
0-80 X 1/8"  
ROUND HEAD SCREW