

MADE IN THE USA

52' ACF Exterior Post Modern Box Car

E & C Shops PO Box 567 Roseburg OR 97470

The first of this style 52' American Car & Foundry (ACF) exterior post (XP) was a double-door built for B&O in 1972. The first single-door version was built in 1977. These cars were built for many different railroads, leasing companies, and the Railbox subsidiary of TrailerTrain. Many of the leased cars have reverted to railroad ownership. They all have low ladders without a roof walk. These cars are still used extensively by many railroads in the late 90's to carry finished lumber and other bulk products.

These cars were built with many different door arrangements which E & C intends to model over time. We have attempted to accurately represent the details on this car while providing a kit that is easy to build. This car will be available decorated for many railroads as well as undecorated versions.

IMPORTANT INSTRUCTIONS

Please read the instructions through completely at least one time to get a general understanding of the assembly. Remove all items carefully from the casting sprues by cutting them off with a sharp hobby knife. Cut the parts close to the casting sprue and then file the parts as needed to clean up any excess casting material (flash). **DO NOT TWIST OR BREAK THE PARTS OFF THE CASTING SPRUE!** It is usually a good idea to test fit the parts before applying glue.

CAR BODY

- 1) Glue the end ladders (# 12 - 4 pins) in 4 holes on both the "A" and "B" ends.
- 2) Glue the wide handholds (# 11) in the 4 holes in the center of both ends.
- 3) Glue the brake housing (# 9) to the 4 holes on the "B" end. Glue the brake wheel (# 9a) to the housing.
- 4) Glue the end platform (#9c) into the appropriate holes on each end.

UNDERFRAME

- 5) Assemble the bolster/coupler pocket (#13 & #13a) with the small screws (#16) using the coupler of your choice. Do not glue the cover on the bolster. The pocket will accommodate KD-5's® or equivalent couplers.
- 6) Install the underframe (# 2) on the car aligning the two locating pins. Make sure the brake piping is correctly oriented (see drawing). Glue the Air Reservoir (# 7), the triple Valve (# 6), and the Brake Cylinder (# 8) into the proper bosses on the bottom of the body (see drawing).
- 7) Glue the bolster/coupler pocket subassembly to the car body using the two locating pins. Do not get any glue in the truck screw hole.
- 8) Assemble the wheelsets (# 5a) into the truck frames (# 5) by spreading the ends slightly. Install the trucks on the bolster using the long screws (# 15).

FINAL ASSEMBLY

- 9) Place the weight (# 4) inside on the bottom of the car body (# 1) and press or glue on the weight retainers (# 4a). Be careful not to press down too hard - you risk breaking the stirrup steps.
- 10) Press the roof (#3) on the car. It does not need to be glued but you may glue it if you wish.

Congratulations! Your new car is ready for revenue service on your railroad.

PARTS LIST - ACF BOX CAR

MAIN PARTS

- 1 - Car Body
- 2 - Underframe
- 3 - Roof
- 4 - Weight
- 4a - Weight Retainers (2)
- 5 - Truck Frames (2)
- 5a - Wheelsets (4)

ACCESSORY SPRUE 1

- 6 - Triple Valve
- 7 - Air Reservoir
- 8 - Brake Cylinder
- 9a - Brake Wheel
- Stirrup Steps (4)**

These steps are cast on this car.

ACCESSORY SPRUE 2

- 9 - Brake Housing
- Brake Platform**
- Tack Boards (2)**

Tack boards are optional as needed.

ACCESSORY SPRUE 3

- 9c - Walkway Platform (both ends)
- (2)

- 11 - Safety Bar (both ends)(2)

ACCESSORY SPRUE 4

- 12 - End Ladders - Low 4 Pin (4)

ACCESSORY SPRUE 5

- 13 - Bolster/Coupler Box (2)
- 13a - Coupler Box Cover (2)

INSERT POCKET

- 14 - Dummy Couplers (2)
- 15 - #2-56 Truck Screw - Long (2)
- 16 - #2-56 Cplr Screw - Short (2)

TOOLS NEEDED

- Plastic Cement
- Sharp Hobby Knife
- Emery Board or Small File
- Small Cross Point Screwdriver

