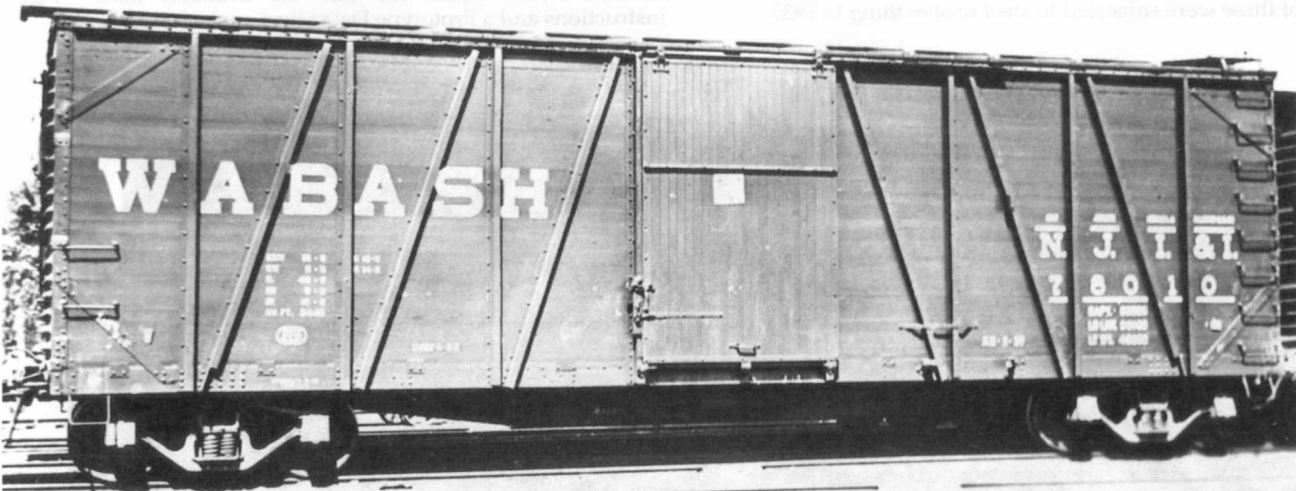




**SUNSHINE  
MODELS**

## Wabash & NJI&I 10' IH Autocars



The Wabash owned over 5000 single sheathed autocars during the steam and early diesel era, perhaps unequalled for this design among the major U.S. and Canadian railroads. The road sat astride the major arteries of the automobile construction industry in both countries and it's need for a plentiful supply of autocars was obvious.

The cars were purchased throughout the Twenties. Though all of the cars were outside braced with a radial roof and fishbelly underframe, their dimensions grew in size as the decade proceeded. The first block of 1000 cars and some replacement cars had an 8'6" inside width. With succeeding blocks, the width was 9'. In the mid-Twenties the cars had a 10' IH, 11' door openings with wood doors, ARA cast side frame trucks and 5/5/6 Murphy ends. The first innovation in 1926 was 3/3/3 Dreadnaught ends and steel 11' doors. By 1928 the inside height increased to 10'3", then 10'4", with 12' door openings and steel Youngstown doors. A few of the older designs were scattered in the late Twenties as replacement cars were built. All cars had a 40 ton capacity.

The subjects of this kit release are cars with 10' IH, both narrow and wide inside width and 11' door openings covered with both wood and steel 1 3/4 doors. In addition, the cars rebuilt to 6' door openings are included.

The Wabash's subsidiary New Jersey, Indiana and Illinois, also owned cars of these designs. Though the 9' IW cars were purchased from it by the Wabash and re-lettered WAB, the NJI&I retained 195 cars of the 8'6" IW designs in 1948, of which 166 were 6' door rebuilds, 78000-199 series, and 29 were wood 1 1/2 door cars, 3000-199 series.

The Wabash autocars had wood running boards. The hand brake was a non-powered ratchet style appliance. Brakes were initially KC, but later AB.

The cars were painted boxcar red. Lettering was white. The block "WABASH" was inserted between the vertical and diagonal braces. "AUTOMOBILE" was applied to the car side opposite the company name on cars with wide door openings.

The 1000 cars built in 1925 with 8'6" IW were numbered 40000-999. Starting in 1941, 353 cars were converted to 6' doors and renumbered 74000-352, with 74336-352 coming between June 1945 and Jan. 1952. There were 197 composite body 6' door cars in 1956. In Dec. 1954, there were 33 cars with 1 3/4 doors remaining in the 40000 series, 31 in 1956, with the last scrapped in Jan. 1959.



The next series of cars, 45000-599 and 45600-999 (and all subsequent cars) were 9' IW, 10' IH. The final 200 cars (and 46000-01) had steel doors applied. Some of the wood sheathing was replaced with steel in 1935. In 1956, there were 119 original wood door cars, classified XM, and an additional 64 assigned tractor loading and marked "DK" (XAP) in the 45000-399 series.

In 1956, of the 45400-46001 series, 39 had steel replacement sides, classified XM and 10 were wood and assigned shuttle service. An additional 370 were steel side rebuilds, rack equipped and assigned auto and station wagon panel loading, XAP, and 147 remained wood sided and equipped with "DF" loaders, XME.

The next series of 9' IW, 10' IH cars was numbered 46000-699. Some of these were subjected to steel re-sheathing in 1935.

Also, the Wabash converted 239 cars to 6' door cars and renumbered them to 76000-238. There were 197 6' door cars in 1956. They had a similar appearance to the 74000 series 6' door cars.

An added 300 cars in the 46700-999 series with the same dimensions arrived in 1926. There were 375 cars in the combined 46002-46999 series in 1956, but they had been reclassified as XM though they had an 11' door opening.

A brief series, 74600-14, of identical dimensions was added in 1926.

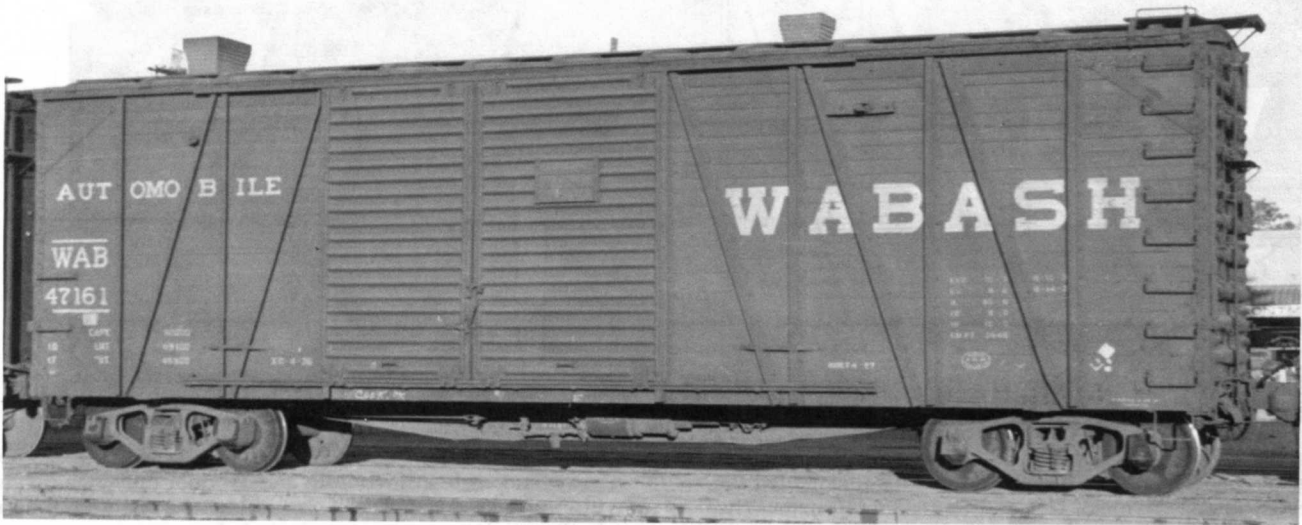
The 47000-999 series introduced 3/3/3 Dreadnaught ends. These cars, and thereafter all cars, came with 11' steel Youngstown doors. The dimensions of the cars remainder the same: 9' IW and 10' IH. There were 857 cars in 1956, classified XM. An added 63 cars were equipped with cranes and assigned axle loading, XME.

A small block of 20 replacement Dreadnaught end, steel door cars was built in 1927, the 147001-020 series. They were renumbered 44119-152 beginning in Mar. 1949, with the final renumbering completed in Feb. 1956.

An added group of series 147021-147120, containing 20 cars, was purchased from the NJI&I in 1933-39 (former NJI&I 3500-3599). They were renumbered to the 44121 series in Mar. 1949 and combined in the 44119-44152 series by 1956. There were 29 cars in the block in 1956, classified XM.

Beginning with the 48000 series, the Wabash subsequently bought taller outside braced autocars.

Sunshine kits are vacuum cast in gray urethane. Kits include all detailing parts (except trucks and couplers) and proprietary white Wabash decals including the DK and DF symbols, along with "Return to" and "N" engine loading stencils. NJI&I decals for cars are available also. Full instructions and a Prototype Data Sheet are included.



- \_\_\_ Kit#104.1 Wabash 40000 series 8'6" IW, 10' IH wood 1 3/4 door, outside braced autocar w/ Murphy ends, radial Hutchins roof (1925-59), \$42
- \_\_\_ Kit#104.2 NJI&I 3000 series 8'6" IW, 10' IH wood 1 3/4 door, outside braced autocar with Murphy ends, radial Hutchins roof (1925-60s), \$42
- \_\_\_ Kit#104.3 Wabash 74000 series 8'6" IW, 10' IH rebuilt wood 6' door with Murphy ends, radial Hutchins roof (1941-60s), \$42
- \_\_\_ Kit#104.4 NJI&I 78000 series 8'6" IW, 10' IH rebuilt wood 6' door with Murphy ends, radial Hutchins roof (1941-60s), \$42
- \_\_\_ Kit#104.5 Wabash 45000-46999 series 9' IW, 10' IH wood 1 3/4 door with Murphy ends, radial Hutchins roof (1926-60s), \$42
- \_\_\_ Kit#104.6 Wabash 47000-999 series 9' IW, 10' IH steel 1 3/4 door with 3/3/3 Dreadnaught steel ends, radial Hutchins roof (1926-60s), \$42
- \_\_\_ Trucks TP 40 Black plastic cast side frame, non-sprung trucks with non-magnetic metal wheelsets, \$5

Name \_\_\_\_\_ Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Add \$4.00 for shipping per five kits in U.S. ( MO residents add 7.6% ), Canada \$15.88 for six kits

Sunshine Models Box 4997 Springfield MO 65808-4997

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