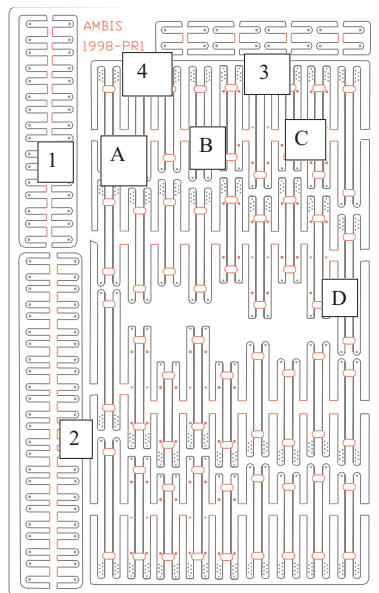


Push Rods and Brake Hangers Product Information

Push Rods Product Code PR1



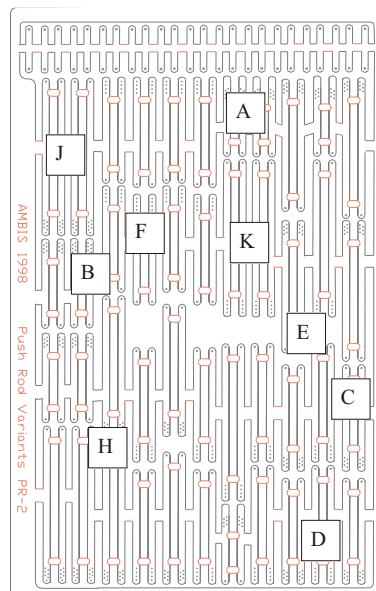
This etching provides a variety of push rods, largely for different wagon wheelbases and two lengths of brake shoe hangers:

1. Short brake shoe hangers (Midland Railway)
2. Long brake shoe hangers (most other wagons)
3. LMS/LNER push rods (with end central hole)
4. Pre-group and other two bar push rods.

The length of push rods varies for the following wheelbases

- A. 9 feet
- B. 9 feet 6 inches
- C. 10 feet
- D. 11 feet.:

Push Rods Product Code PR2

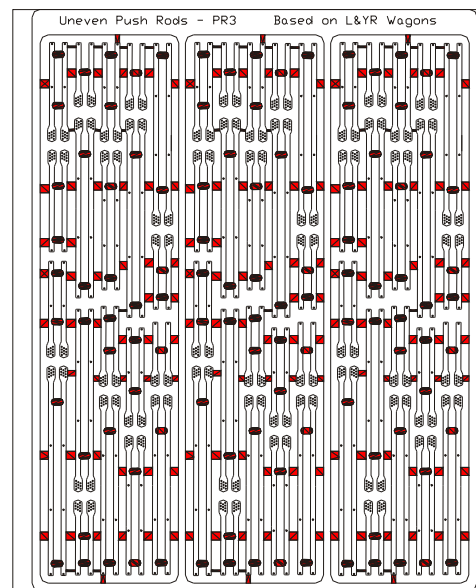


This etching provides a variety of push rods, for the following wheelbases:

- A. 7 feet
- B. 8 feet
- C. 9 feet 3 inches
- D. 9 feet 6 inches
- E. 9 feet 9 inches **
- F. 10 feet 3 inches **
- G. 10 feet 6 inches
- H. 11 feet
- J. 12 feet.
- K. 12 feet. **

These push rods were introduced to add extra choice for the wagon builder and are largely based upon Southern Railway prototypes where there was a wide range of wheelbases used for wagons, and where much of the rolling stock was rather elderly. The push rods marked ** have a single row of adjustment holes

Push Rods Product Code PR3

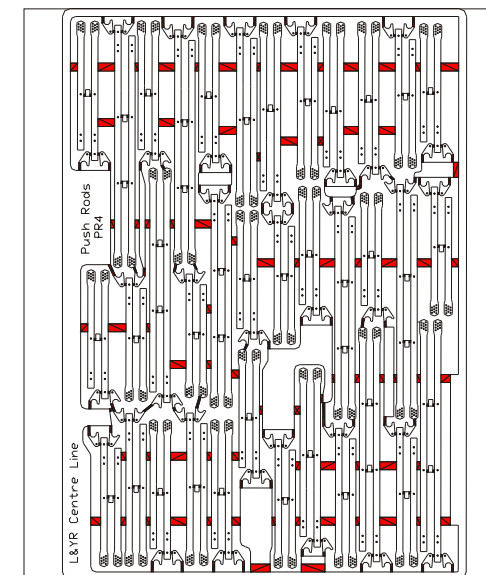


Based upon L&YR prototypes these are unequal length push rods usually used to 4 shoe brake gear. They may be suitable for other wagons.

- 3ft 2ins + 3ft 1ins
- 5ft 7ins + 2ft 6ins
- 5ft 7ins + 2ft
- 6ft 6ins + 3ft
- 4ft 4ins + 3ft 1ins (10ft wb)
- 5ft 8ins + 2ft 4ins (10ft 6ins wb)
- 6ft 2ins + 2ft (12ft wb)

This order is how the items are laid out on the etching.

Push Rods Product Code PR4



Based upon L&YR prototypes these are unequal length push rods used with "brake yokes" along the centre line of a wagon. As far as we are aware this pattern of brake gear is unique to L&YR wagons.

- 7ft 3ins + 4ft (12ft wb)
- 3ft 8ins + 3ft 8ins
- 5ft 3ins + 3ft 8ins (10ft wb)
- 6ft 4ins + 3ft 8ins (10ft 6ins wb)
- 7ft + 3ft 6ins
- 7ft + 4ft
- 4ft 5ins + 4ft (9ft wb)
- 4ft 6ins + 4ft 6ins (10 wb)

This order is how the items are laid out on the etching.