

### PNR 4Q - Narrow Gauge Pedestal Bearings Set of 4 - Black PNR 4S - Narrow Gauge Pedestal Bearings Set of 4 - Rust Assembly Instructions



PNR 4S

The Pedestals are designed to fit a chassis member of 20mm wide by 25 - 40mm deep, and are designed to be used in conjunction with 11mm outside diameter polished axles, with a journal length of 44mm from the inside (back) of the wheel assuming back to back measurement is 119mm, the ends of the axles should not have more than 1 - 1.5mm end clearance 2 - 3mm total. The clearance must be no more than stated or the top-bearing shoe could move out of the pedestal body. (Finished axles and disc wheels can be obtained from PNP Railways). These suit a between chassis side member measurement of 170mm.

#### To Assemble

- Position pedestal on the base of the chassis in the correct position, clamp in position with front face of pedestal hard up against front of chassis member.
- Spot 5mm holes through pedestal onto chassis member then remove pedestal.
- Finish drill spotted holes 4mm diameter and tap 5mm.
- Push bearing shoe into pedestal with round spring locators pointing up towards two sprung holes in the top of the pedestal, if the bearing shoe is tight, the pedestal can be sprung open slightly to facilitate fit. Do not be concerned if the bearing shoes does not feel free, it will free up when the pedestal is bolted to the chassis.
- Push the springs supplied through two holes in top of pedestal and locate them on the spring locators. The finished assembly should have the springs flush with the top of the pedestals and the bearing shoe in position to accept an axle. A small amount of silicone grease can be applied to the bearing face of the shoe or it can be left dry.
- With one pedestal in position on the chassis member, feed in the axle and wheel assembly and bolt on the pedestal to other chassis member with the axle in position. **Please Note:** Do not overtighten.
- Used in the proper fashion the pedestal bearings should give trouble free service needing only cleaning occasionally and having a very light application of silicone grease applied to the bearing shoe face if considered necessary.

**PLEASE NOTE: THESE ITEMS ARE NOT TO BE USED FOR PASSENGER CARRYING**