



Fitting Pick-ups to Plastic Bogies

Each fret of pick-ups contains four individual pick-ups. This is sufficient to equip two bogies. Cut each pickup free of the fret and bend the long strips up at right angles to the main body. Then bend up each of the solder connecting tags (with the small holes in them), also at right angles and in the same direction as the long strips. Refer to the photograph.

Position the pickups on the underside of the bogie as shown in the photograph. The position should be such that the pickups lightly touch the backs of the wheels, then move them in towards the middle of the bogie about 1.5mm.

Mark the hole in the pick-up into the bogie using a sharp pin, then remove the pick-up and drill the marked hole to 1.0mm diameter.

Before fitting the pickup, solder a length of the supplied wire to one of the solder tags on the pick-up. The correct convention is to use a red wire on the right hand side of the car, and black on the left. This assumes the car has a definite front and rear, if not, then the convention does not apply.

Using the small self-taping screw, fasten the pick-up to the underside of the bogie, and route the wires through to the interior of the car. Now bend each finger of the pickup slightly to cause it to press **lightly** on the back of the wheels. Keep the finger length as long as possible as shown in the photograph.

If the finger extends past the outer edge of the wheel, it can be cut back using cutters or scissors. To avoid causing drag on the wheels, it is important to have the pick-up fingers as long as possible and pressing very lightly on the back of the wheels. Excessive pressure can cause the wheels to lock up and also cause premature wear of the fingers.

