



# 1CO-CO1 DIESEL-ELECTRIC LOCOMOTIVE

### Removal of Locomotive Body

The bodyshell is a clip-fit onto the chassis, and is held by four lugs, located under each of the doors in the locomotive's cabs.

To remove the shell simply prise off the flexible body moulding until it clears the protruding lugs on the chassis.

### Removal of Motor Bogie

To remove the motor bogie, complete with its motor unit, from the chassis, first undo the small slotted head screw (arrowed). Lift off the small strip of plastic used as a keeper to retain the bogie in its swivel location. The unit may then be withdrawn through the underside of the chassis as far as its attached wires will permit.

### Removal of Trailing Bogie

The trailing bogie is a clip fit in its location on the chassis. To free the clip, press each of the protruding 'stops' (on the exposed part of the bogie's swivel), inwards. This is best accomplished using the end of a flat tip screwdriver to apply pressure. Once the clip has disengaged from the mounting, the bogie complete with its wires, may be withdrawn from the chassis.

### 1Co-Co1 Parts List

Item Code No. Description/Remarks

A G396 Motor Armature Set. Each set contains: 1 Armature; 1 brass gear wheel 56 DP/21 teeth (ATTACHED); 2 plastic washers.

NOTE: This armature is suitable for use in 1Co-Co1 motor-housing only. The brass gear wheel is part of this sub-assembly and should not be interfered with.

B G1173 Motor Conductor Set. Each set contains: 2 brushes; 2 springs; 2 strips; 2 brush holders and 2 SHORT screws.

NOTE: The 1Co-Co1 motor conductor system utilises 2 short screws in the conductor strips. The longer brass screw, used in steam outline locos, is dispensed with, and G398 used in its place, of which there is a corresponding amount in the kit. (Item C).

C G398 Motor Conductor Screw, short (3/16").

D G394 Gear Train Set. Each set contains gear wheels sizes/quantities coded as follows:—  
D1 Gear 3/16" diameter, Qty 1  
D2 Gears 1/8" diameter, Qty 2  
D3 Gears 1/8" dia. (to fit shafts) Qty 2  
D4 Gears 1/8" dia. (to fit drive axles) Qty 2

Note the location of these gears on their respective shafts/axles. The Drawing has circles marked to assist in gauging the size of wheel required. Take great care in identifying the gears D3 and D4 which are very similar in their sizes (see note on drawing).

E G395 Traction Tyre

F G397 Motor Brush, standard size (all locos).

G G1187 Motor Conductor Set, trailing bogie. Each set contains one pair of phosphor-bronze pick-ups, 1 pair of ring tags.

### SIZE GAUGE FOR GEARS.

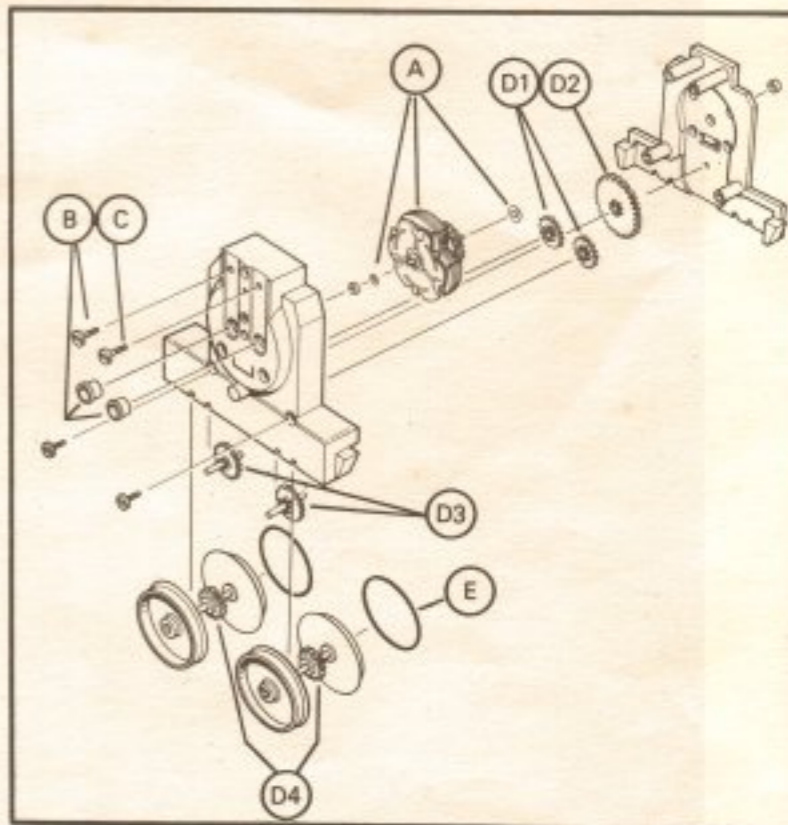


### NOTE:

Gear D.4 is identified by its 1/8" dia. Plain Boss at its centre, and is fitted to the Drive Axles only.

Palitoy reserve the right to alter designs and technical specification without prior notice.

Palitoy, Owen Street, Coalville, Leicester. LE6 2DE.



View of Motor Sub-Assembly  
(Some parts duplicated for clarity)

