

48 Class & 830 Class HO Model Locomotive Maintenance

1: General Procedures.

1A: Separating Body from Chassis.

IMPORTANT: Take care not to damage the plastic handrails at the body ends, the metal handrails around the body and the horns and Flettner vents on the roof.

PROCEDURE: Hold the loco upside down and, using a small Phillips (+) screwdriver undo the screws at the outer end of each end of each bogie which secures the coupling, and remove both couplings. Take care not to lose either the screws or the washers. Next to undo the two screws (one each side) through the fuel tank. Holding both the body and chassis together in your hands, turn them over and shake the screws out. Body and chassis will now come apart easily.

NOTE: The cab end walls and cab glazing are separate mouldings and may come free. If they do note front and rear orientation to enable fitting during the refit of the chassis to the body.

TO REFIT: Reverse the separation process noting the body only goes on one way, cab over motor, and taking care not to snag any wires.

1B: Removing the Power Bogie.

Note: handle wiring with care.

PROCEDURE: Remove the body as per 1A. From either side of worm gear on top of bogie remove one screw. Then slide motor housing towards centre of chassis. Bogie should now drop free of chassis.

WARNING: Motor must not be run at this time as gears are not meshed properly due to removal of screws.

To Refit: Reverse above procedure taking care with wiring.

1C: Removing Unpowered Bogie.

Note: Again be aware of wiring and take care.

PROCEDURE: Remove body as per 1A. Then pull the bogie away from the chassis, to apply tension, and squeeze in the two tabs on top of the bogie, which the wires pass through, with a pair of pointy nosed pliers. The bogie should just pull out.

To Refit: Just push the bogie back into position until the tabs pop.

2: MAINTANANCE PROCEDURES

2A: Lubrication

IMPORTANT: Use only plastic compatible lubricants and take care not to get any lubricant on traction tyres, paint work or inside the motor itself. Apply sparingly with a needle tip, screwdriver or length of small wire.

PROCEDURE: Remove body as per 1A. Apply a very small amount of oil to the motor bearings, to the intermediate drive gear on top of the bogie and to the four accessable gears on the underside of the bogie. It is not advisable or necessary to pull the bogie apart.

2B: Replacing traction tyres.