



Care & Feeding of Your BullAnt

Your BullAnt has been lubricated and tested prior to delivery, so there should be no need to lubricate it for quite a long time. Your BullAnt will also benefit from a period of running in (see overleaf).

If it becomes necessary, please lubricate sparingly. Excessive lubrication creates areas that pick up and retain dirt, leading to increased wear.

Apply plastic compatible grease to the worm and worm gear through the small aperture in the bottom of each axle gear-case. A tiny drop of oil can be applied to the brass bearings on each axle and the idler gear shaft where it runs in the gear casing.

Applying a small amount of grease to the spur gear train will help reduce noise, but please be aware that the speed of these gears can cause grease to fly off and cover the interior of the model.

If your BullAnt has a belt drive, then there are many less places to lubricate, in fact only the wheel bearings. Take care not to get any lubricants near the rubber belt or pulleys, as this will cause slippage. If this does occur, clean with alcohol.

Wheel cleaning is best carried out using a fibre-glass burnishing brush for nickel-silver wheels. For brass, use alcohol.

DCC Considerations

The BullAnt is fully compatible with DCC systems, as the power collection from the wheels and the motor circuit are completely separated. Wires from a decoder should be connected thus:

Red to the right side pick-up
Black to the Left side pick-up
Orange to the right side motor terminal
Grey to the left side motor terminal

The front of the bogie is considered to be the gearbox end.

Warranty

The BullAnt is warranted for 6 months against faulty parts or workmanship. Faulty units must be returned at purchaser's expense to Hollywood Foundry. Contact us for details. This warranty does not cover a BullAnt that has, in the opinion of Hollywood Foundry, been damaged or modified in such a way that has compromised its reliability. This warranty shall not diminish the rights of the purchaser as granted by consumer laws in other countries.

Running In Your BullAnt

Every BullAnt is fully tested and run at the factory before it is packed for shipment, but will always require additional running-in to obtain optimum performance. All our bearings and bushes are fitted to close tolerances to provide best performance and quiet operation. There is no built in 'slop' as found in a lot of commercial mechanisms. Therefore these bearings need bedding in.

We recommend at least two hours fast running to run-in each BullAnt. During this period, it is not unusual for the motor to run a little hot.

Pick-ups

The pick-ups are made from hardened phosphor bronze and do not like to be bent too sharply or too often, otherwise they will break off. If this should happen, contact us and we will provide free replacement. We have found that the pick-ups work very well when lubricated slightly. A minute amount of WD-40 placed on the end of the pick-up helps lubricate it to reduce wear and also improves electrical conductivity.

Weighting

Straight out of the container, the BullAnt may appear jerky in its motion. This will improve markedly when some weight is placed on the BullAnt, particularly with small gauge, short wheelbase units. We recommend that the model be weighted at a minimum of approx. 80gm (2.8ozs.) and a maximum of 350gm (12.3ozs.)

Sideframe Mounting

Each BullAnt is fitted with a polystyrene support for the pick-ups and also for attaching cosmetic side-frames for bogies. This mount is designed with 'fingers' at different widths to accommodate various gauges. It is intended you cut off the fingers that are too wide in order to use the inner ones. As this part of the BullAnt is the only polystyrene part, it can be glued to with normal plastic cement or MEK.

WARNING:

THIS PRODUCT IS NOT A TOY. IT IS NOT TO BE SOLD TO OR USED BY CHILDREN UNDER 15 YEARS OF AGE. SOME SMALL PARTS PRESENT A CHOKING HAZARD.