



A Batt-Latch Owner's Care Guide

November 2021

Battery Saving If storing for long periods of time, be aware that the solar model Batt-Latch has limited capability of re-charging the internal battery pack from dead flat, (about 3 months max. in storage). Always remove all Jobs from the display, and either store the unit with the solar panel facing some sunlight, or take out of storage every month or so to charge in full sunlight for a day. Check the battery status at any time by just pressing a keypad button to wake it up.

LCD (Liquid Crystal Display) Panel protection We have added a 1mm thick clear strip plus neoprene padding (trampoline effect) to protect this delicate but necessary part - in normal use this is very effective. Try to avoid dropping the unit onto hard surfaces, throwing tools on top of it, running over it, or allowing it to drop onto sharp objects when the gate is released. Always attach the Batt-Latch to the side of the gateway least likely to bear any damage from the released herd, and set the strap length so on release it just hangs loosely on the post.

Gearbox damage (broken, bent or loose shaft, stripped gears, broken motor mounts) Usually caused by external forces too strong for the shaft or gearbox to handle. We allow up to 7kg of direct in-line force on the cam itself. Our supplied spring gates use 1.5 length (XL) springs, capable of spanning 8m gateways. If you use standard spring gates at full stretch, you may be causing excessive strain on the gearbox. Similarly, if using a bungy shock cord adjust it for wide gates to make sure it still has some stretch left. You may need to energise the gates at the start of the milking season. Never use pliers or vice grips to move the blue release cam to a different position; it will only result in stripped gears. A badly bent shaft will eventually allow water in around the cam area.

Overlay (Keypad) care Avoid excessive heat of any kind, and protect it as much as possible from sharp objects including barbed wire. When transporting on say a quad bike tray, wrapping in an old towel or similar will prevent it scuffing on hard objects. If a hole occurs, or the overlay cracks or lifts, and especially if condensation appears in the screen window after rain, send the unit in to us for **immediate** repair, this will save more extensive repairs later.

Solar Panel The new blue cases have full protection for the solar panel around the outside. Protect these panels (as above) and you will avoid dents, scratches and chipping which degrade their solar efficiency.

Blue Case (Solar) Upgrade If your Batt-Latch has been used continuously outside in all weathers, you can expect the outer case to need replacing at some point. We "transplant" your existing circuit board, battery and gearbox into a prepared outer shell with solar panel and keypad already installed. This will be done on all units if case parts are too damaged, or if we cannot guarantee a quality seal around the internal parts we have repaired. While new timer units have a warranty of 24 months*, outer case replacements get 12 months* and standard repairs have a 6 months* warranty. *See our *Repairs Guide*.

Spares We carry spare straps, springs and spring gates, manuals, energizer clip leads, battery packs etc at all times, just ring for prices and speedy delivery.

Cleaning Use water and a cream cleanser (*Ajax, Jif*) on soiled areas, then use *Inox MX3* spray or *Armor All Protectant* for a new-look finish. **Please clean the unit before returning for service or repair.**

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