

LitterKat® Operating Instructions

We recommend that this manual be read before attempting to use the LitterKat on your field. Synthetic sports turf installations vary widely and the information found here will help you understand synthetic turf sweeping, get the most out of your LitterKat and maximize the playability and safety of your field.

ASSEMBLY

After the LitterKat has been removed from the crate, install the drawbar and wiring harness.

The drawbar is a completed assembly and ready to install. Just insert the non hitch end into the drawbar cuff located in the center top of the LitterKat frame.

Use the 4" hitch pin provided to secure.

WIRING HARNESS

The wiring harness is shipped inside one of the baskets. The wiring harness is connected in three positions on the LitterKat. One lead is for the actuator while the remaining two are for the in-basket vibrators. Vibrator leads are found in the center of the LitterKat and protrude through the top of each basket.

The wiring harness control box has 2 switches; one for the vibrators and one for the actuator. The vibrator switch will be an on / off switch whereas the actuator switch is a momentary rocker switch.

Use the supplied removable cable ties to secure the wiring harness cable to the drawbar. Place the control box near the driver's seat and attach the battery connections to your vehicle battery terminals or other 12V connection making sure that the Red connector is positive and Black is negative.

CAUTION: Allowing the cable to have much slack will cause the cable to drag on the ground and be caught in the brushes which can damage the wiring harness.

LitterKat® Operating Instructions - page 2

CAUTION: Before you start sweeping be sure the turf is dry. Wet infill material will stick to the perforated baskets and cause excessive build up of infill material in the baskets.

CAUTION: The LitterKat is 92" wide so be cautious around benches, goal post, etc.

GETTING STARTED

Now that the LitterKat is hitched to your tow vehicle and the wiring harness is connected to 12v power, raise the LitterKat all the way up using the actuator.

When you're ready to start sweeping, set your tow vehicle in motion (approx. 6-8 mph), turn on the vibrators and then lower the LitterKat. When you lower the LitterKat, you are lowering the brushes as well. Lower the LitterKat until brushes make contact with the turf. If lowered too far, unit will start to hop slightly. Setting the baskets / brushes too low will result in picking up too much infill and the vibrators will not be able to keep up with the volume of infill being collected. Every synthetic turf sports field is different; e.g. infill size, grass blade type, etc. You will need to experiment with the basket setting and forward speed for your field.

The LitterKat has two 36" nonflexible steel axles with two independent brushes. The brushes can only pick up debris on the surface. Any debris located in "low" areas will be missed. Regular grooming with the Synthetic Sports Turf Groomer and Spring Tine Rake will keep your field level and improve the playability as well the efficiency of the LitterKat. On a well maintained field, the LitterKat will pick up 85% and 95% of surface debris.

In the event your synthetic turf sports field has previously had little or no maintenance performed, it may be necessary to go over your field more than once the first few times you groom and sweep for optimal results. Leaves and large amounts of loose turf fiber can cover the perforated basket floor and may cause infill material to accumulate in the basket. Until such debris is removed from the field, it may be necessary to empty the baskets frequently to avoid excessive infill accumulation in the baskets.

SPORTFIELD MAGNET

Your LitterKat comes with the Sports Field Magnet and is used to remove ferrous materials from within the synthetic turf. The towable magnet hitch is located just behind the actuator. The magnet should be cleaned after each use.

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LitterKat® Operating Instructions - page 3

REMOVING DEBRIS FROM THE LITTERKAT BASKET	<p>Cleaning out the baskets with the use of a shop type vacuum cleaner is recommended. Simply open the access doors on the top of each basket and vacuum out the debris. The baskets are designed to be removable by removing the 6 bolts on each basket, but for typical use it is recommended that you use the access doors for clean out of debris.</p>
MAINTENANCE	<p>The LitterKat is almost maintenance free. Occasional greasing of the brush axle and tire bearings is all that is necessary. The LitterKat is completely wash down safe with soap and water.</p>
TROUBLE-SHOOTING	<p>Actuator does not work - Check connections. Check voltage on tow vehicle. Voltage must be 12v and no more that 17v</p> <p>Picking up too much infill - Brushes set too deep. Leaves, loose fibers, etc blocking perforated bottom of basket. Turf is too wet. Reduce or increase speed of cart.</p> <p>Not Picking Up Debris - Adjust brush depth. Surface is uneven and needs grooming. Brush is set too deep. Reduce or increase speed of cart.</p> <p>Vibrators not working - Check connections. Check voltage on tow vehicle. Voltage must be 12v and no more than 14v.</p> <p>LitterKat bouncing or chattering - Brush is set too deep.</p>

If questions remain after attempting the above solutions, please call GreensGroomer at 888-298-8852