

# The measure of intelligence is the ability to change.

Albert Einstein

The waste industry is evolving at a rapid pace in Australia. As we evolve and understand the impacts of waste on our environment, we begin to comprehend the true effects of the waste that we create. One area that we seem to oversight is the prevention of litter entering the environment in the first place. While we have made advances in collecting litter 'downstream', we seem to be ignoring, even accepting what is possibly the number one cause of that litter. Research showing the origin of litter entering the environment is scarce in Australia, however several international studies show that our residential bins may be contributing as much as 25% of all litter, making this the number one cause.



If litter could be reduced by 25% with  
one single change, would you do it?


Litter Lock was created out of sheer frustration. Frustration that a by-product of our curb side waste collection system was allowing litter to escape into our precious environment. With a variety of factors at play, from wind blowing lids open, to birds and other animals getting into the bin along with the occasional knock over, we almost seem to accept that this is just part of the process.

The litter that does escape is then dispersed by weather and ends up causing catastrophic environmental damage, not to mention the enormous financial costs associated with collecting it 'downstream' and repairing the damage.

## Investing in a cleaner future.


The Australian Bureau of Statistics have associated the cost of litter prevention and collection between \$300-\$350 million, annually. The environmental costs simply can't be measured.

Excluding cigarette butts, plastic is the main culprit when it comes to litter. Every year, an estimated 130,000 tonnes of plastic enter the environment throughout Australia. By removing the main cause from the equation, our goal is to prevent a staggering 32,500 tonnes of plastic alone from entering the environment.




We cannot solve our problems with the same level of thinking that created them.  
Albert Einstein

### **Simplicity is our strength.**



Litter Lock is a simple lid fastening device designed to ensure that the lid of residential wheelie bins remain closed until the bin is collected. The design of Litter Lock is unique. At Litter Lock, we understand that durability, ease of use, functionality, and simplicity are fundamental to creating a product that will not only stand up to the harsh Australian environment, but also be strong enough to interact with the rubbish truck itself.

### **Unique problems require unique innovation.**



Our point of difference is efficiency when it comes to the lock being disengaged. Relying on gravity, small moving parts and complex installation appeared problematic throughout the development stage, which have all been mitigated with the sleek innovation of the device. Litter Lock is the only product that works via direct interaction with the mechanisms used by the rubbish truck during collection, ensuring that the lock is disengaged only when it needs to be. Ease of use for the householder is equally important. A simple push of the thumb allows the lid to be opened as normal, and the lock is re-engaged by pushing the lid down again. It really is as simple as that. Installation takes under 2 minutes using a drill and a screwdriver. The final piece of the puzzle when it comes to product effectiveness, is the price. We understand that affordability is critical if we are going to make a real change. Through extensive product research and development, in conjunction with local councils and the waste collection industry, we've been able to deliver a product that is not only incredibly durable and effective, but affordable.

We are incredibly proud to say that the Litter Lock device is 100% recyclable, as well the composition colour holding high recyclable value.

### **Put simply, Litter Lock works!**

One of our core values is sustainability, which is something we're constantly striving for but naturally, poses its own series of challenges. We could not justify creating a product to combat the war on waste, whilst creating further waste. Prototypes using many different materials were tried and tested along the way, with the products 'end of life' always at the focal point of our trials.

## **Lock it in.**

Helping communities lock in a clean environment.

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### **Sustainably is the new black.**

We would love the opportunity to explore how we can work with you to make a real difference when it comes to litter management in your neighbourhood, our environment. Litter Lock has received incredible success and overwhelmingly positive feedback from our municipal trials. Thus far, we are the only product that has successfully outsmarted the cockatoos along with streamlining the job of truck drivers, making collections easier, cleaner and more efficient.

Contact us today to discuss your unique problems, and how we can assist you to solve them.



