



**AUTOMATIC
AND MANUAL
LOCKS**

**PROTECTION AGAINST VANDALISM,
MISUSE, ANIMALS AND STORMS.**

7000 SERIES BIN LOCKS

Automatic opening by gravity when tipping the bin in case of disposal

The automatic gravity lock ensures reliable, automatic opening and closing. The unintentional opening of the lid when it falls over due to vandalism, storm, animals or the incorrectly gripping device of the disposal vehicle, is reliably prevented by the patented safety device.

Manual opening

The manual locks ensure secure closing. In the event of disposal, the bin must always be opened by authorized persons.

Locking systems

For automatic and manual working locks, we offer all usual market options, such as:

- Triangular cylinder, with or without return spring
- Locking cylinder with key, various lockings
- Locking cylinder with key, defined lockings
- Turning knob with return spring

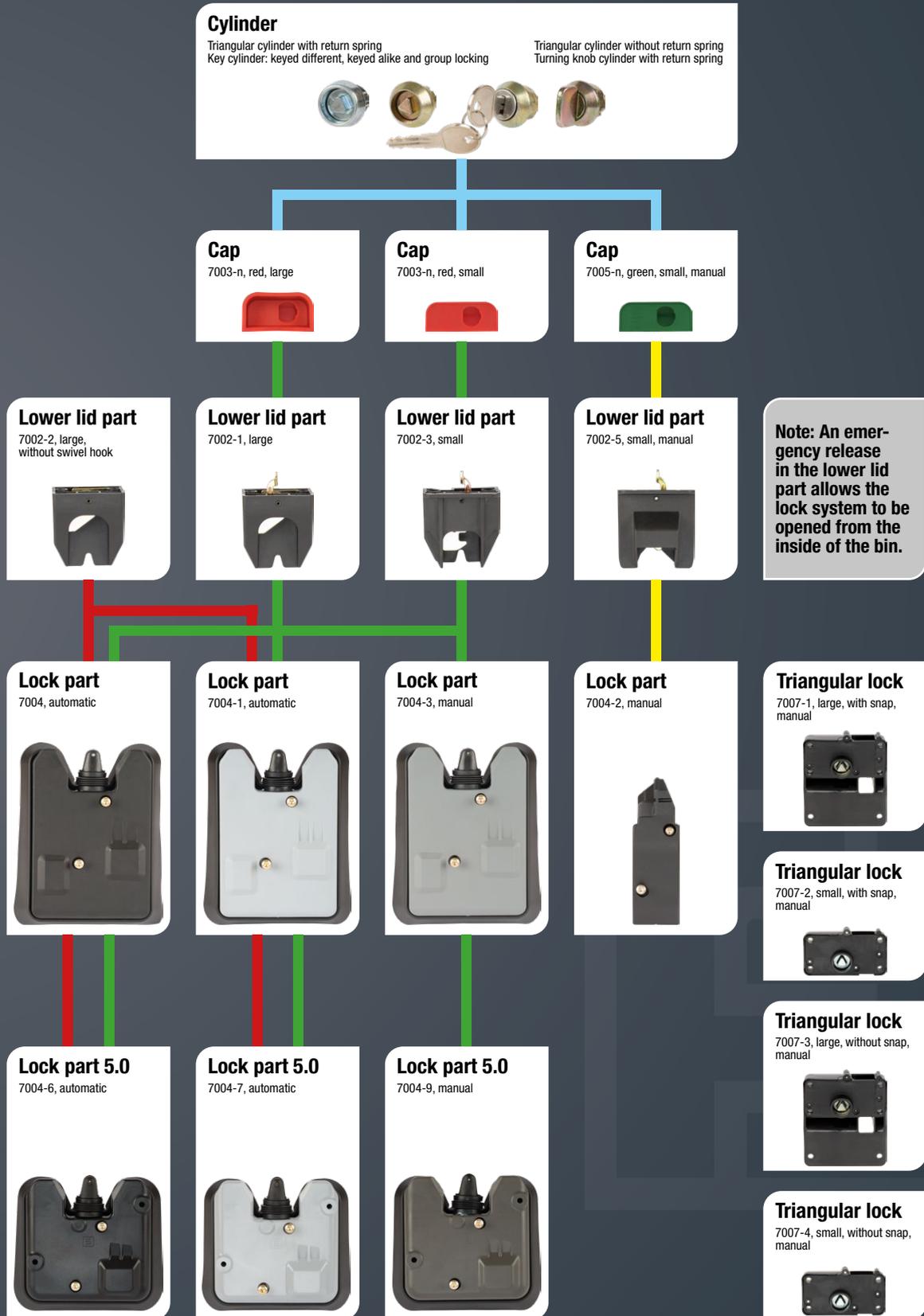
All locks have passed the very extensive tests of the major European bin manufacturers and meet the requirements of their specifications.



SYSTEMATICS OF COMPONENTS

OVERVIEW

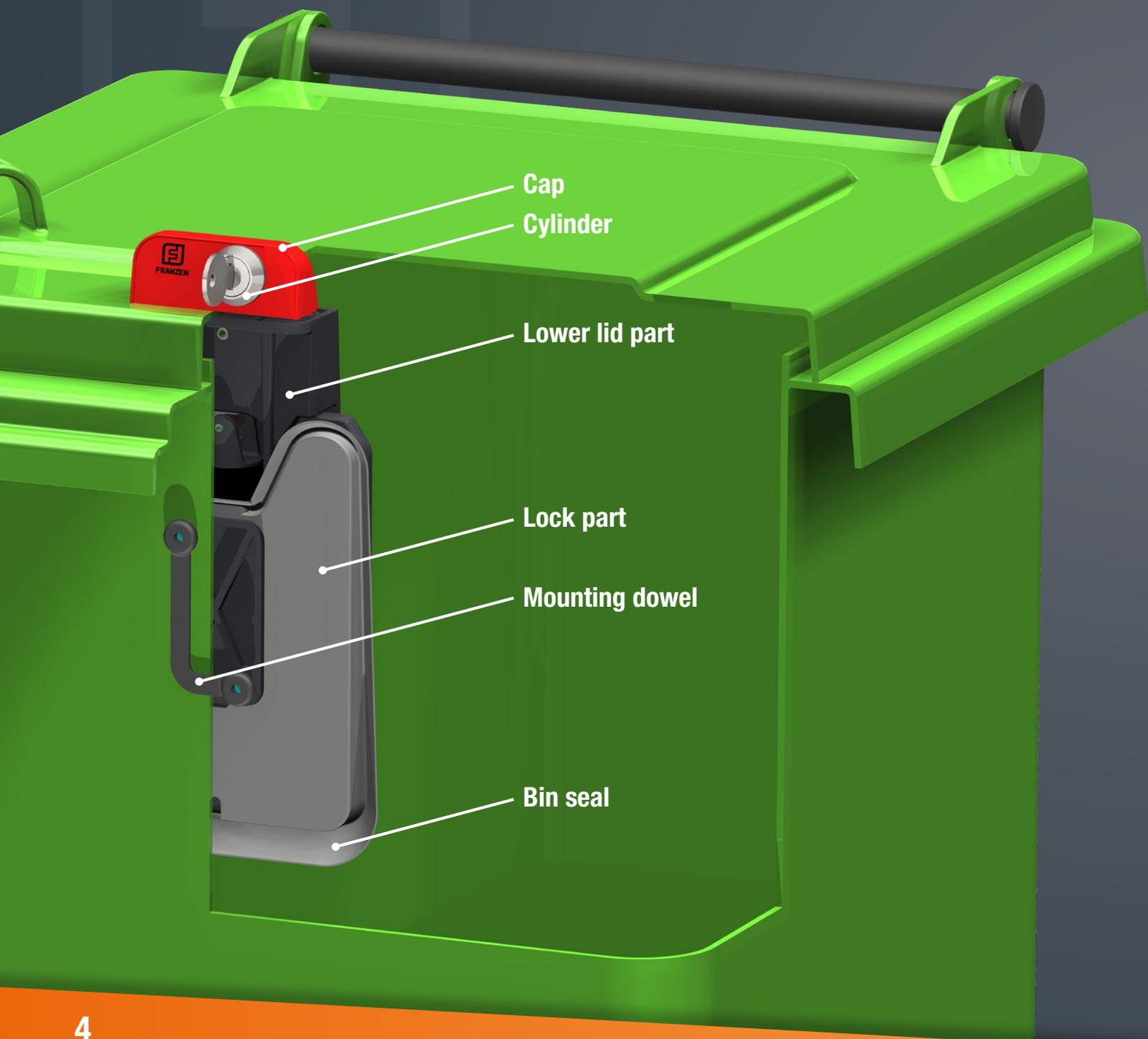
Overview of lock components, their properties and possible combinations.



ASSEMBLY

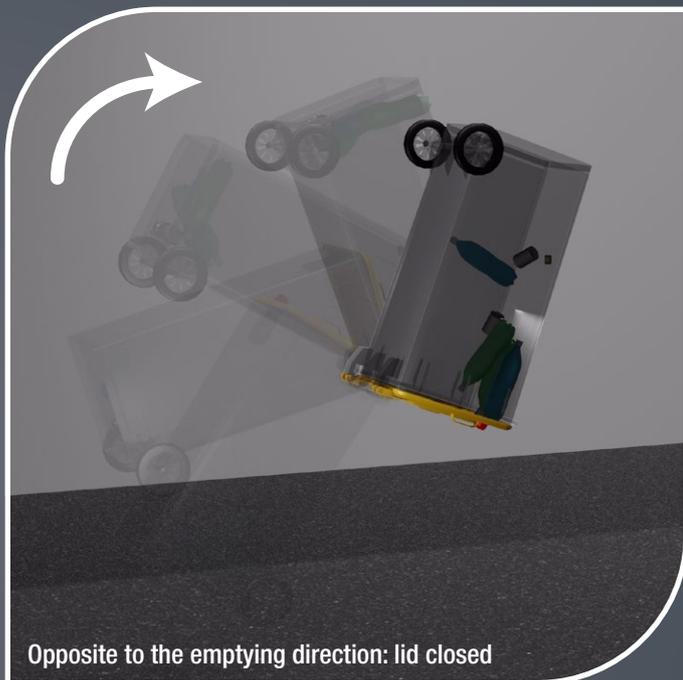
ASSEMBLING THE COMPONENTS

Only four holes are required for mounting a bin lock. For standard bins, templates (can be ordered separately) enable simple and secure placement of the holes in the bin body and bin lid. This creates the fit between the lower lid part and the lock part. Illustrated assembly instructions can be ordered separately. A pin, drill and screwdriver are also required for assembly.



FUNCTION OF THE AUTOMATIC LOCKS

The automatic locks (gravity locks) are opened manually for filling the bin. The locked bin can fall over in any direction without opening. The waste remains inside the bin. If the bin is hung in the grab of the emptying vehicle and tilted over the release angle of the lock, in the correct direction, the bin lock opens automatically. No cylinder operation is required for proper emptying. After emptying, the bin is automatically locked again.



EXAMPLE

AUTOMATIC BIN LOCKS

This typical combination is often used in the private and municipal sector when several people or parties need access to the bin for filling purposes (e.g. multi-party apartment building). Alternatively, a key cylinder with group locking and corresponding number of keys also works for this application.

In the event of emptying, the automatic function allows the disposal company to empty the bin without using a key. After emptying, the bin is automatically locked again. The lock only opens in one tipping direction and only from a tipping angle above 100 degrees.

The bin lock prevents foreign filling and unintentional opening of the lid by animals, storm and vandalism. If the bin falls over, it remains locked.

Upper lid part

7003-2, large cap, red, triangular cylinder



Lower lid part

7002-1, large



Lock part

7004



EXAMPLE

AUTOMATIC BIN LOCKS

This is an automatic lock that opens in all four emptying directions from a tipping angle above 100 degrees. In the case of four-wheel bins, it must be ensured that they open automatically with the most varied lifting mechanisms of the emptying vehicles. The automatic function allows the disposal operator to empty the bin without the use of a key. After emptying, the bin is automatically locked again.

The upper lid part of the lid can be mounted in the handle bar of the bin. The necessary retaining plate (see large picture) depends on the bin model used and should be offered by the bin manufacturer.

As an alternative to the triangular cylinder shown, key or turning knob cylinders can also be installed.

The bin lock prevents unauthorized filling and unintentional opening of the lid by animals, storm and vandalism. If the bin falls over, it remains locked.

Upper lid part

7003-4, small,
key cylinder



Lower lid part

7002-3, small



Lock part

7004-1



EXAMPLE

MANUAL BIN LOCKS

Safety aspects are often the reason for using a manual bin lock. If the disposer should not simply empty the bin, but only in support of the customer, a manual bin lock is suitable for this purpose.

Examples of such types of waste requiring security are medications, commercial materials, documents, etc.

Typically, the use of a key cylinder is appropriate for this purpose.

Upper lid part

7003-1, large,
key cylinder



Lower lid part

7002-1, large



Lock part

7004-3, manual



EXAMPLE

MANUAL BIN LOCKS

Four-wheel bins are often placed outdoors and, depending on the type of waste, this is even mandatory. Catering businesses with their food waste can be cited as an example here.

The usual practice here is that during business hours the bin lid is unlocked for easy filling and outside hours the bin should be securely locked. This prevents misuse and access for animals.

The use of key or triangular cylinders is typical here.

Upper lid part

7003-4, small,
key cylinder



Lower lid part

7002-3, small



Lock part

7004-3, manual



EXAMPLE

MANUAL BIN LOCKS

This lock is only installed in four-wheel round lid bins with lid-in-lid. It reliably locks both the small and the large lid. Thanks to the special construction of the lower lid part, it is nearly impossible to open the lock from the front by inserting a screwdriver or piece of wire under the rubber lid.

Upper lid part

7005-1, small, manual,
triangular cylinder



Lower lid part

7002-5, small, manual



Lock part

7004-2, manual



TRIANGULAR LOCKS

MANUAL BIN LOCKS

These locks are used for simple locking of bins without further lock functions. Typical applications are waste bins in public areas (e.g. at bus stops). However, they can be installed in any bin - with the exception of the four-wheel round-top bins. The large versions (7007-1 and 7007-3) allow easy installation in bins with a circumferential receiving rim. The counter hook in the bin lid should be provided by the bin manufacturer to match the shape.



7007-1 with snap
7007-3 without snap



7007-2 with snap
7007-4 without snap



Optional accessories: triangular key,
suitable for all triangular cylinders

BIN LOCKS

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