

Luxer One Locker Basic Installation Tools



18v Cordless Drill (w/chuck)

You will need a cordless drill. Make sure you get at least an 18v so it has enough power if needed. The big batteries will last much longer.



Flashlight

A must have to see inside the dark cavities of the lockers when routing wires and bolting lockers together.



Tape Measure (Minimum of 25')

You can't do much measuring without a tape measure.



Level

You will need to make sure lockers and decals are level. A magnetic level will help.



Ratchet and Socket set

3/8" drive Sockets: 9/16", 3/4", 7/16", 15/16" (High Wind areas only)
1/4" drive Sockets: 5/16", 9mm, 7/16"
7/8" deep socket, 5/16" deep socket, 7/8" (deep socket for Keyed lock nut)



Screwdrivers

You will need:

- Philips #2 and #3
- Flat head screwdriver
- Extra-small slotted screwdriver (large jewelers size) for terminal block wiring of the LED light on any oversized locker



Standard 29 piece Drill bit set and small Concrete bit set

Make sure you have a set of drill bits. These may be needed to drill out rivets, to replace malfunctioning locker parts, or to drill out a keyed lock on rare occasions. Concrete drill bits may be necessary when a camera is being mounted to a concrete wall.



Adjustable Step Ladder

You will need a step ladder with adjustable height to mount your security camera(s) and get to any wires above the locker. Ladder needs will be determined at the Site Survey. Come prepared on install day.



Locking Vice Grips

Make sure you get locking vice grips. You will need these for holding nuts when bolting items together.



Needle Nose Pliers

A staple of any toolbox.



Diagonal Pliers

Great for cutting cable ties. Do not use a knife.



Wire stripper/Crimp Pliers

A must have for any low voltage work. Able to safely strip and crimp connectors to bare wires.



Razor Blade Knife

A must have in any toolbox.



1/4" ratchet

Needed for Gen 3 lock replacement. (Adjustable head is best)



7/16 Ratcheting Wrench

Helpful when tightening locker mating bolts and Gen 3 key lock arm replacements.



Rubber Mallet

A mallet will often come in handy for adjusting parts needing that extra force.



3" long #2 Phillips bit

This will be needed to mount add on iPad wall mounts



4mm Allen bit

Used for leveling Gen 3 lockers. 2" length or longer is best. A socket version can be obtained as well



Rivet gun with 3/16" and 1/8" rivets

Gen 3 and Gen 4 doors - 3/16" with grip range of .125-.250"
Gen 3 door latches and Gen 4 locks - 1/8" with grip range of .062 - .125"



Cat5 tester

Used to test continuity and to troubleshoot non live network jacks.



Outlet Tester

For testing power outlets at Site Surveys.



Vacuum

All locker install sites must be neat and clean before departing.



Hand Broom and dustpan

Part of your cleanup kit.



25-50' Extension Cord

This is needed for the drill battery charger, a vacuum, or a heat gun. In some instances this may be needed to power a system to test functionality at an outdoor install. Will be needed to power the hammer drill for outdoor jobs.



Decal Applicator

You can also substitute this with a credit card or plastic scraper.



Heat Gun

Used to ensure decals adhere to the lockers. Always use on low heat settings and do not get too close to the decal. We want them to stick not melt. Not needed in high heat areas but required when setting in cold temperatures.



Moving blanket

To provide a working area for tools and prevent damage to floors.



Electrical tape

A must to strain relieve power couplers and handy on any low voltage job.



Zip ties (6" and 12")

These must be used to strain relieve and bundle wires. The longer ones can be used to hold down components in the main locker.



Cleaning agent and Microfiber rags

Always carry 70% Isopropyl alcohol ("rubbing alcohol") for cleaning the lockers before installing decals. This will allow the decals to stick better. The cleaning will change the sheen of the locker paint, thus the entire front of the lockers may need a wipe-down upon completion.

Gen 4 specific Tool Addendum

All tools for standard locker installations should be present for any Gen 4 Locker install with the addition of the items below:

3/8" drive socket w/ 3/8" hex bit

This will be needed to adjust the leveling bolts. (Standard 3/4" deep socket may be seen on some)



Pick tool

This will be needed to hold in the code reset button when changing the code on the cam-locks. A paper clip can be substituted.



Electricians pliers

These have a wide surface area for gripping the door latches when adjusting for proper opening and closing of doors.



Mallet and Oversized Flathead screwdriver

This tool combo will be needed to break off locker knockouts. These must be knocked out between lockers for control and power wires to pass through. Outdoor lockers with roof kits may need additional knockouts removed.

Outdoor specific Tool Addendum

All tools for standard locker installations should be present for an Outdoor Locker install with the addition of the items below:

8 Amp Hammer drill with depth gauge

A must have to drill concrete anchor holes. Anything less than 8 Amps will be a struggle.



Concrete Drill bit (High wind areas 7/8" all other areas 5/8")

This bit will be used to drill holes into concrete for the anchors you will use to bolt the locker footing to the ground. Make sure this bit is at least 4" long or more.

Oversized step bit or hole saw (For 1" conduit)

May need to drill conduit holes in back of locker for customized placement. Note: A 1" conduit hole is larger than 1". (approx. 1-3/8")



Ratchet and bit Set

As previously stated for standard locker installs, this set is a must have. Several additional and unique bits are needed during the installation of outdoor lockers.

Right Angle drill attachment

You will need this attachment to get into tight spaces on outdoor lockers.



Drill bits set (29 piece)

Be sure to have a 9/32" and 5/16" in the event the Roof Retrofit for RevA lockers needs to be executed.

Conduit ring wrench

This will be needed to tighten the 1" conduit lock nuts in the back of the iPad bay.



Adjustable head ratchet 1/4" and 3/8"

A must have to get into the tight spaces found on outdoor install parts.

Socket Adapter Bit Set

These can really come in handy. 1/4" and 3/8" will be the most useful. (Wobble head adapters can be even more useful)



Conduit Cutters

Needed to trim conduit for fully exposed outdoor locker installs requiring hardwired connections. (A razor blade knife can be used as well since we use flexible conduit)

Small Jewelers Flat Head Screwdriver

This small flat head screwdriver will be needed for the TEC controller that has tiny flat head screwdown terminals.



Breaker Bar

A breaker bar might be needed if you are bolting locker footings onto concrete. At times a bolt can only be torqued down or up with proper leverage.

Hammer

A hammer will be needed to strike the anchor setting tool for the steel concrete anchors in order to secure the footings.



Optional Tools

Bit Extender

These can be a life saver.



Step Drill Bit(s)

A must have if any holes need to be drilled larger.



Nylon fish(No metal fish tools)

May be needed to pull a cable through the back of a main locker. (A spare Ethernet cable works as well)



AirSHIM

May be needed to lift up a locker so shims may be installed (level lockers)



Laptop

A laptop with ethernet port and cable is great to have on Site Survey day to test the "Live" network port.



Clear RTV Silicone

Some installs are sent with silicone, but it would be a smart idea to keep a tube for those instances where one was not provided.



Painters tape

This is extremely useful to mark any malfunctioning doors as you are testing functionality. Great for pre decal placement and alignment as well.



Magnets

Small heavy duty magnets help to symmetrically place decals.



Magnetic L.E.D. Light

A small magnetic rechargeable LED light is recommended to work inside lockers when it is dark outside and you are in need of two hands



Composite Shims

May be needed to level lockers (sloped/uneven surfaces)



1/2"-13 Tap

Great tool to clean out the locker footing threads if there are any weld slugs that might prevent the footing bolts to go through smoothly



Pointed Cotton Swabs

Helpful to have a pointed swab to touch up paint on the lockers. Cans of spray paint are sometimes sent and one can spray a small amount onto a cardboard and use the swab to apply the paint.

