

## Part # LTTCE

Thank you for purchasing our Transponder Chip Extractor. This press is designed to remove the transponder chip from a transponder key reliably and efficiently. Most transponder keys on the market utilize an inner core that holds the transponder chip inside of an outer jacket which forms the outer plastic of the key head. The LockTech Transponder Chip Extractor (LTTCE) is designed to work on this type of transponder key. If the transponder key is of the “solid mold” type without an inner core and outer jacket the LTTCE will not be able to press out the inner core containing the chip and should NOT be used on these transponder keys.

The LTTCE is designed to be used either handheld, bench mounted, or vise mounted. If BENCH MOUNTING, the screw pattern is 4 inches X 1.6 inches and threaded for 10-32 machine screws. (screws not included) If WISE MOUNTING, tighten the vise only enough to hold the LTTCE securely. **CAUTION: OVER TIGHTENING THE VISE HOLDING THE LTTCE CAN DAMAGE THE LTTCE.**

On some transponder keys it may be necessary to vise mount or table mount the LTTCE to get enough leverage to force out the inner jacket.

## Usage Directions

**IMPORTANT NOTE:** When cutting transponder keys and when using the LTTCE always wear protective gloves and safety glasses.

### Prepping the transponder key

Use a small pair of bolt cutters (we have found 14in bolt cutters work best and are the most efficient) or other means to remove the top portion of the plastic key head. This step must be done in order to expose the inner core so that it can be forced out of the outer jacket. Since transponders have a very short working distance, practically all transponders will be in the bottom half of the key as close to the key blade/face of the ignition as possible. Usually just under the key ring hole is the best place to cut the top off. This will normally cut off enough to expose the inner core but not cut the transponder in half. When using the bolt cutters or other cutters, cut the head off as perpendicular to the key blade as possible. **See Fig 1**

Once the head of the key has been removed, the key blade needs to be cut so that the remaining key blade is approximately the same length as the head of the key. This is done to minimize the chances of the blade folding under pressure. **See Fig 2.** Center the key blade above the center channel and finger tighten the thumb screw securing the key blade. Then center the head of the key between the step blocks as shown in **FIG 3.**

On keys where the metal blade of the key extends all the way up through the key head to the key ring hole, it is not necessary to cut all the way through the metal inner jacket when removing the upper portion of the key head. If unsure, it will become obvious when attempting to cut the top portion off that the inner core is metal. Usually this is enough to split the plastic outer jacket and allow it to slide off the metal core. **See Fig 2.**

## Pressing out the Inner Core

With the plunger screwed back as far as necessary for the key to be loaded, load the key blade into the slot of the plunger and snug the thumb screw down onto the key blade keeping the blade centered above the channel. **See Fig 3** While turning the lead screw, move the key head if necessary, from side to side to center it so that both sides of the key head come in contact with the side walls at the same time. Slowly continue turning the lead screw with the provided “L” wrench so that the key blade forces out the inner core containing the transponder chip. **See Fig 4**

On metal core keys, care should be taken not to force the metal core of the key head into the step blocks of the LTTCE when pressing out the core, as seen in **FIG 4** showing the correct stopping point. Continuing past this point can damage the LTTCE.

Demo video can be found on our website [www.accureader.com](http://www.accureader.com) on the “Instructions & Downloads” tab.

