

# Harley Davidson Sportster Ignition Removal Tool



Ignition Removal Tool  
LT-HDS-IRT

## Application Chart

Harley Davidson Sportster 1994-present  
Harley has used many model names for the Sportster line over the years. Some of those names are listed below.

Iron	Forty-Eight	Sport
Roadster	1200 Custom	XL 1200
Super Low	Seventy-Two	XL 883

LockTech's HDS-IRT ignition removal tool is designed for quick removal of Harley Davidson ignition cylinders using the flat keys that are commonly found on Sportster models and Sportster variations from 1994 to present. Use a motorcycle resource such as LockTech Moto Quick Guide to determine the correct blank and other cutting information.

### IGNITION REMOVAL

**Step 1** Using the 4 HDS keys, determine which key profile is used on the ignition by inserting them into the ignition.

**Step 2** Insert the correct HDS key fully into the ignition.

**Step 3** Insert the lifter slide alongside of the key cutout that shows a #1 along with an arrow pointing toward the tip. You will be able to tell the slide is fully inserted and in position when this portion of the slide is sitting in the milled pocket of the HDS key. **Pic 1**

**Step 4** Move the lifter slide toward the #3 as indicated by the #2 arrow on the key. This will lift the retainer. At this point you should feel spring pressure. If you do not, remove & flip the key then reinsert it into the ignition. **Pic 2** While holding the lifter slide against the wall where the #3 arrow is, pull outward on the HDS key along with the lifter slide. The ignition should come out with the key. **Pic 3**

**Step 5** Remove the lifter slide and HDS key. Insert a key blank with the correct profile and read the heights of the wafers in the ignition. Most ignitions will only use depths 1's, 3's, & 5's making the decoding process very simple.

Please email us for any comments to:

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**Pic 1**



**Pic 2**



**Pic 3**

