

GM HU100-IRT



"Ignition Removal Tool"
Patent Pending

Application Chart

Buick Allure 10-16	Chevrolet Cruze 11-18
Buick LaCrosse 10-16	Chevrolet Traverse 09-17
Buick Regal 11-16	Chevrolet Malibu 13-16
Buick Encore 15-19	Chevrolet Camaro 10-15
Buick Cascada 16-19	Chevrolet Trax 15+
Buick Enclave 09-17	Chevrolet Spark 16+
Buick Verano 12-17	Chevrolet Impala 14+
GMC Terrain 10-17	Chevrolet Equinox 10-17
GMC Acadia 09-17	Saturn Outlook 07-10

LockTech's HU100-IRT ignition removal tool is designed for quick removal of GM ignition cylinders using the HU100 key. Although originally designed for faulty or locked-up ignitions due to the simplicity and speed of the ignition removal it has become a very efficient key generation set as well for "lost key" situations. It does NOT require any drilling OR require the ignition cylinder to be turned to the On position, it is designed to be used in the OFF position.

There are two types of ignition housings found on HU100 equipped vehicles, one currently only found on Camaro's and the other found on all other models using this keyway.

Camaro & B106 (BLUE END)

Step 1 Pry upward on the upper half of the clamshell to pop it loose as seen in Pic 1. Complete removal is not necessary.

Step 2 Remove the four lower shroud screws and remove the lower shroud.

Step 3 Locate the retainer access hole located behind the horizontal beam that runs along the top of the ignition as shown in Pic 2.

Step 4 Using the Camaro end (BLUE END or 45 DEGREE ANGLES SIDE) of the HU100-IRT and from in-between the ignition and steering wheel insert the tip into the hole. Slide the tip inward past the first joint until the top of the tool is parallel and running right along the top of the horizontal beam. Pic 3 shows the tool in place. DO NOT FORCE THE TOOL INTO PLACE.

Step 5 Once in place rotate the tool toward the dash. The cylinder should pop outward.

Step 6 Remove the ignition to read the code if no code exits a blank cut to all 1's allows for easy decoding of the cylinder.

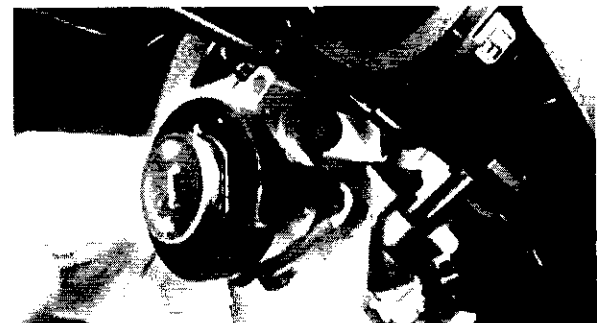
Pic 1



Pic 2



Pic 3



Others (YELLOW END)

Step 1 Pry upward on the upper half of the clamshell to pop it loose and remove as seen in Pic 4. Remove rear pop tabs from flexible curtain if necessary.

Step 2 Locate the retainer access hole on top of the ignition housing as shown in Pic 5.

Step 3 Insert the tip (YELLOW END or ARC END) of

the tool from across steering column and rotate the tool clockwise 90 degrees while lowering the tool into place until you get the tool into a vertical position. DO NOT FORCE THE TOOL INTO PLACE. Pic 6 shows tool in place.

Step 4 While LIGHTLY lifting upwards and with a slight clockwise tension on the tool, LIGHTLY lift upwards to depress the retainer and remove the ignition. *Be sure the tool is vertical and not leaning toward the windshield when lifting upward.

Step 5 Read the code or use a depth key cut to a 1 depth to decode the ignition.

Decoding the cylinder

Step 1 Insert the a depth key with a 1 cut in all positions fully into the cylinder.

Step 2 Read the height of the wafers for all 8 positions as shown in Pic 7 in the example cylinder. Depths for the example wafer as shown are 11223344.

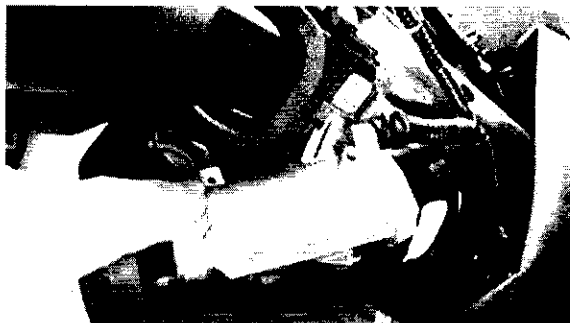
APPLICATION CHART		
Buick Encore 2015-2019		YELLOW END
Buick Cascade 2016-2019		YELLOW END
Buick Enclave 2009-2017		BLUE END
Buick Allure / LaCrosse 2010-2016		YELLOW END
Buick Regal 2011-2016		YELLOW END
Buick Verano 2012-2017		YELLOW END
Chevrolet Malibu 2013-2016		YELLOW END
Chevrolet Impala 2014+		YELLOW END
Chevrolet Trax 2015+		YELLOW END
Chevrolet Camaro 2010-2015		BLUE END
Chevrolet Spark 2016+		YELLOW END
Chevrolet Cruze 2011-2018		YELLOW END
GMC Equinox 2010-2017		YELLOW END
GMC Terrain 2010-2017		YELLOW END
Buick Enclave 2009-2017	B106 No Side Bar	BLUE END
Chevrolet Traverse 2009-2017	B106 No Side Bar	BLUE END
GMC Acadia 2009-2017	B106 No Side Bar	BLUE END
Saturn Outlook 2007-2010	B106 No Side Bar	BLUE END

NOTE: The HU100-IRT was designed to remove the ignitions for the HU100 keyway. It was discovered afterwards that it worked on some of the B106 (non-sidebar) ignitions as well. The known vehicles are listed on the Application Chart. Please feel free to email us any additions or corrections concerning the B106 applications.

Pic 4



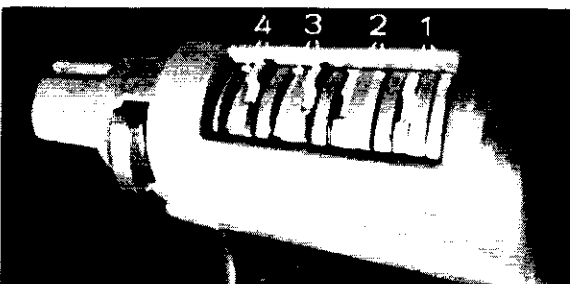
Pic 5



Pic 6



Pic 7



GM HU100-IRT V2



Ignition Removal Tool
Patent Pending

Application Chart

Chevrolet Silverado 2014-2019 GMC Sierra 2014-2019
Chevrolet Express 2015+ GMC Yukon 2015+
Chevrolet Suburban 2015+ GMC Savana 2015-2019
Chevrolet Tahoe 2014+ Cadillac Escalade 2015+

LockTech's HU100-IRT V2 ignition removal tool is designed for quick removal of GM ignition cylinders using their new cylinder with the removable tail piece currently found on the truck frame vehicles. Although originally designed for faulty or locked-up ignitions due to the simplicity and speed of the ignition removal it has become a very efficient key generation set as well for "lost key" situations. It does NOT require any drilling OR require the ignition cylinder to be turned to the On position, it is designed to be used in the OFF position. The HU100-IRT V2 tool is currently for truck frame models.

IGNITION REMOVAL

Step 1 Pry upward on the upper half of the clamshell to pop it loose as seen in **Pic 1**.

Step 2 Locate the retainer access hole located behind the horizontal beam that runs along the top of the ignition as shown in **Pic 2**.

Step 3 Using the bare metal end of the HU100-IRT V2 and from in-between the ignition and steering wheel insert the tip into the hole. Lift the tool upward while rotating the tool counter-clockwise, gently work the tool into position. In the working position the tool is standing vertically with the "loop" handle pointing toward you in the drivers seat. **Pic 3** shows the tool in place. DO NOT FORCE THE TOOL INTO PLACE.

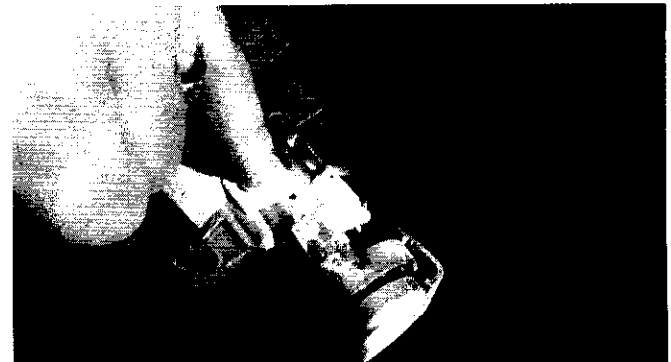
Step 4 Once in place, pulling the top of the tool toward the steering wheel will depress the retainer allowing the cylinder to be removed. The cylinder should pop outward. If the cylinder does not pop outward or comes out slightly the retainer needs to be depressed a little further into the cylinder to allow for removal. NOTE: Sometimes the removable tailpiece fits snugly on to the cylinder. If this is the case it will be necessary to use a flat head screw driver in a twisting motion between the cylinder and the housing, to gently push the cylinder out while keeping the retainer depressed.

Step 6 Remove the ignition.

Pic 1



Pic 2



Pic 3



TAILPIECE REMOVAL

Step 1 Look into the cylinder housing and note the flat edge of the tailpiece and align the HU100-IRT V2 as shown in **Pic 4**. Insert the tailpiece removal end of the tool horizontally as shown. Push straight in until the tool comes to a stop.

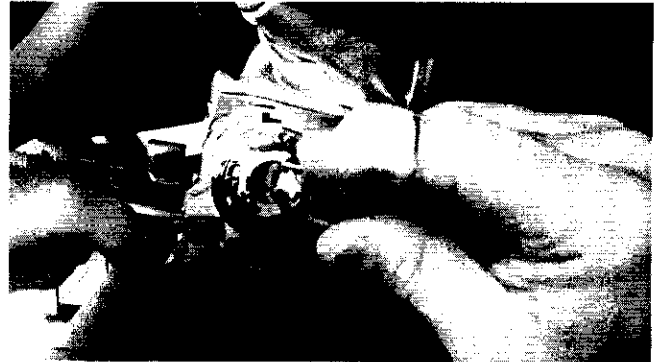
Step 2 The ignition tailpiece must rotate to the "On" position for the tailpiece to be removed. Turn the tool clockwise until the ignition is in the "On" position.

Step 3 Insert the provided key buzzer tool or use a flat bladed screwdriver to depress the key buzzer button allowing the tailpiece to be removed. Pull outward lightly on the HU100-IRT V2 passed the depressed key buzzer button. At this point the tool will need to be rotated clockwise slightly to allow for removal of the tailpiece. **Pic 5** shows HU100-IRT V2 & Key Buzzer tool in place.

Step 4 Normally the code is stamped on the side of the tailpiece. If there is no code a key cut to all 1's allows for easy reading of the heights of the wafers.

NOTE: For additional instruction on using the HU100-IRT V2 please watch our Demo video on our website at www.AccuReader.net. Please feel free to email us with any questions or corrections.

Pic 4



Pic 5



CURRENT APPLICATION CHART
Chevrolet Silverado 2014-2019
Chevrolet Express Van 2015-2019
Chevrolet Suburban 2015+
Chevrolet Tahoe 2015+
GMC Sierra 2014-2019
GMC Yukon 2015+
GMC Savana 2015-2019
Cadillac Escalade 2015+

GM HU100-IRT V3



Chevrolet Colorado 2015-2019

GMC Canyon 2015-2019

Ignition Removal Tool

Patent Pending

LockTech's HU100-IRT V3 ignition removal tool is designed for quick removal of GM ignition cylinders using the HU100 key on mid-size GM trucks. Although originally designed for faulty or locked-up ignitions due to the simplicity and speed of the ignition removal it has become a very efficient key generation set as well for "lost key" situations. It does NOT require any drilling OR require the ignition cylinder to be turned to the On position, it is designed to be used in the OFF position.

IGNITION REMOVAL

Step 1 Remove plastic clamshell.

Step 2 Locate the retainer access hole located in line with the cylinder on top of the housing 1.75 inches from the face of the ignition. **Pic 1.**

Step 3 Place the tip of the tool into the access hole with the curvature of the tool going toward the ignition face.

Pic 1.

Step 4 Rotate the tool clockwise GENTLY working the tool into "working" position. **Pic 2.** Once in the working position the tool should be standing vertically as shown in **Pic 3.** **DO NOT FORCE THE TOOL INTO PLACE.**

Step 5 With the handle of the tool perpendicular to the cylinder and with the tool resting vertically on the top of the cylinder GENTLY rock the top of the tool toward the driver's seat. When the tool pushes in on the retainer the ignition cylinder will pop out slightly when released. **Pic 3.**

Step 6 Remove the ignition.

Step 7 Normally the code is stamped on the side of the tailpiece. If there is no code a key cut to all 1's allows for easy reading of the heights of the wafers.

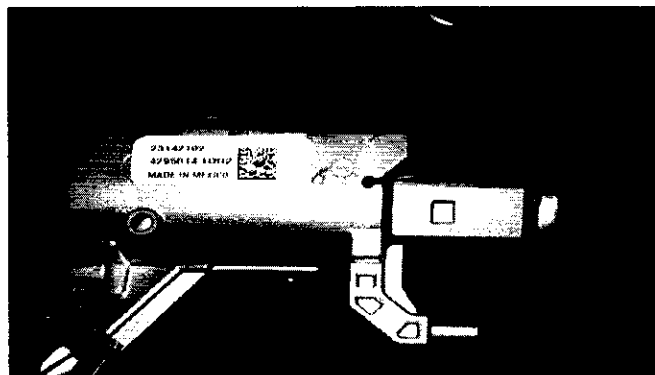
NOTE: For additional instruction on using the HU100-IRT V3 please watch our Demo video on our website at www.AccuReader.net. Please feel free to email us with any questions or correction

Please email us for any comments to:

info@accureader.com

rev. 08-20-21

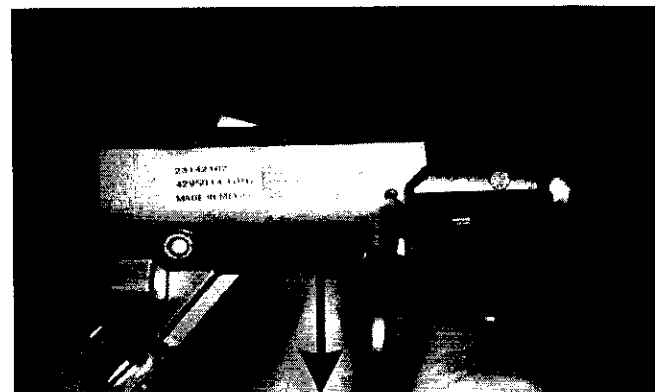
Pic 1



Pic 2



Pic 3



GM HU100-IRT V4

Ignition Removal Tool
Patent Pending



Chevrolet Cruze 2016+

LockTech's HU100-IRT V4 ignition removal tool is designed for quick removal of GM ignition cylinders using the HU100 key currently found on 2017+ Chevrolet Cruze. Although originally designed for faulty or locked-up ignitions due to the simplicity and speed of the ignition removal it has become a very efficient key generation set as well for "lost key" situations. It does NOT require any drilling OR require the ignition cylinder to be turned to the On position, it is designed to be used in the OFF position. NOTE: For additional instruction on using the HU100-IRT V4 please watch our Demo video on our website at www.AccuReader.net.

IGNITION REMOVAL

Step 1 Pull the steering wheel out and down as far as it will go. Pop up the upper plastic clamshell. **Pic 1.**

Step 2 IMPORTANT: On this ignition housing the factory poke hole is not accessible from the top of the cylinder. Access to the retainer will be done through a wire hole on the backside of the ignition. **Pic 2**

Step 3 Gently push the two black wires toward the steering column so that the tool will fit in the hole on the right hand side of the wires. Place the tip of the tool into the hole as shown in **Pic 2.**

Step 4 Using your index finger gently push the tool into the lock as shown in **Pic 3.**

Step 5 **Pic 4** shows the cylinder right after the retainer was depressed.

Step 6 Remove the ignition.

Step 7 Normally the code is stamped on the side of the tailpiece. If there is no code a key cut to all 1's allows for easy reading of the heights of the wafers.

Pic 1



Pic 2



Pic 3



Pic 4



info@accureader.com
rev. 08-20-21



HU100-IRT

SET

V1 V2 V3 V4

Part # HU100IRT-SET

The HU100-IRT tools are used for removing the ignition cylinder from many late model GM vehicles without drilling or damaging anything.

Current Application List of known vehicles

V1	V2	V3	V4
Buick Allure 2010-16	Cadillac Escalade 2015+	Chevrolet Colorado 2015-19	Chevrolet Cruze 2016+
Buick LaCrosse 2010-16	Chevrolet Express Van 2015+	GMC Canyon 2015-19	
Buick Regal 2011-16	Chevrolet Silverado 2014-19		
Buick Encore 2015-19	Chevrolet Suburban 2015+		
Buick Cascada 2016-19	Chevrolet Tahoe 2014+		
Buick Enclave 09-17	GMC Savana 2015-19		
Buick Verano 2012-17	GMC Sierra 2014-19		
Chevrolet Camaro 2010-15	GMC Yukon 2015+		
Chevrolet Cruze 2011-16			
Chevrolet Impala 2014+			
Chevrolet Malibu 2013-16			
Chevrolet Spark 2016+			
Chevrolet Traverse 2009-17			
Chevrolet Trax 2015+			
GMC Acadia 2009-17			
GMC Equinox 2010-17			
GMC Terrain 2010-17			
Saturn Outlook 2007-10			