INTERNATIONAL
ASSOCIATION OF AUTOMOTIVE LOCKSMITHS

AUTO LOCK EXPO 2023

ON TARGET

September 14–16
Kansas City, Missouri

ALOA
ALOA SECURITY PROFESSIONALS ASSOCIATION, INC.®

ON TARGET

Be at the center of it ALL at the inaugural IAAL AUTO LOCK EXPO 2023 happening in Kansas City, Missouri! Target your success for the future by enhancing your skills with hands-on classes taught by the industry's top instructors. You will walk away with knowledge and a renewed sense of purpose about your career.

While education is the focus of this event, you will also get to see all of the latest products and new services under one roof when you attend the Expo on Friday and Saturday. What's truly unbeatable are the connections you'll make at this new industry event.

The IAAL AUTO LOCK EXPO is a focused atmosphere where you will make new connections, find mentors, get referrals and talk shop – all while having fun with your fellow automotive locksmiths and security professionals.

The Loews Kansas City and the Kansas City Convention Center are the perfect setting for the inaugural IAAL AUTO LOCK EXPO 2023. Come experience Kansas City, where we are in the center of everything going on! We are close to Main Street and to a wide selection of restaurants, bars and outdoor venues that are easily walkable or accessible by the free trolley.

Kansas City as a Destination

Kansas City? Cooler than you think and trending with lots of unique spots just around the corner. Come see this vibrant destination that is sure to happily surprise you with all there is to experience! See the Word War I Museum, the Kansas City Zoo and visit some of the many breweries. And don't forget the famous Kansas City barbecue!

TARGET YOUR CAREER AT THE AUTO LOCK EXPO!

Get more info and register on ALOA.org

Register online at www

AUTO LOCK EXPO 2023

September 14-16, 2023
Loews Kansas City/Kansas City Convention Center
Expo: September 15 and 16, 2023

Early Registration Discount Deadline: *August 23, 2023*

Registration

Thursday, Sept. 14	7:30 a.m. - 5 p.m.
Friday, Sept. 15	7:30 a.m. - 5 p.m.
Saturday, Sept. 16	7:30 a.m. - 4 p.m.

Classes

Thursday, Sept. 14	8 a.m. – 5 p.m.
Friday, Sept. 15	8 a.m. - 5 p.m.
Saturday, Sept. 16	8 a.m. - 10 a.m.

Expo

Friday, Sept. 15	**5 p.m. - 9 p.m.**
Saturday, Sept. 16	**10 a.m. - 4 p.m.**

Meet one-on-one with suppliers and industry experts while viewing the latest products under one roof at the IAAL AUTO LOCK EXPO 2023. Stay all day for a chance to win one of the many prize drawings, including a grand prize for the IAAL AUTO LOCK EXPO 2024 Convention package.

You must be present to win.

Education and Events

Packages include:

- Full-day classes Thursday and Friday
- Half-day classes on Saturday
- Free entrance to the Expo with class package
- The Kick-Off Party
- Inaugural shirts and hats (first come, first served)

Remember to register by August 23, 2023, for discounted prices.

Don't Miss the Expo!

- *Special Deals*
- *Product Demos*
- *Lishi Escape Contest*

Hotel

Loews Kansas City
1515 Wyandotte Street
Kansas City, MO 64108

Discounted Group Rate: $199++
++ Rates will have 18% tax and $1.50 per room per night tourism surcharge added.

Discount rate cut-off: Wednesday, August 23, 2023, at 5 p.m., after which the rate may increase, and rooms may not be available any longer. Reservations made after 5 p.m. on Wednesday, August 23, 2023, will be based on availability.

Reservations can be secured by calling the hotel toll-free at (877) 748-1451 and using the group name "IAAL." **Reservations can also be made online using the hotel link under the IAAL AUTO LOCK EXPO tab on www.aloa.org.**

PLEASE DISREGARD EMAILS AND PHONE CALLS OFFERING TO BOOK YOUR GUEST ROOM. ONLY BOOK YOUR HOTEL ROOM WITH THE INFORMATION PROVIDED HERE.

Kansas City Convention Center

LOCATION FOR THE EDUCATIONAL CLASSES AND EXPO
301 West 13th Street
Kansas City, MO 64105

Bartle Exhibition Hall A
Located on the corner of Central St., 12th Street and Broadway Blvd.
There is a skywalk connecting the Kansas City Loews Hotel to the Convention Center.

EDUCATIONAL SESSIONS WILL BE LOCATED IN THE 2200 MEETING ROOMS ON GROUND LEVEL OF THE KANSAS CITY CONVENTION CENTER.

IAAL AUTO LOCK EXPO 2023 is a private event for the benefit of IAAL/ALOA and automotive locksmiths. Admission to the Expo and educational programs shall be limited to registrants, plus guests invited by IAAL/ALOA. IAAL/ALOA reserves the right to deny admission to any person. Non-member registrants must be prepared to provide proof of locksmith business or affiliation with a major industry supplier.

Schedule *(subject to change)*

Thursday, September 14

7:30 a.m. – 5 p.m.	Registration
8 a.m. – 5 p.m.	Educational Classes
5:30 p.m. – 7:30 p.m.	IAAL Membership Meeting

Friday, September 15

7:30 a.m. – 5 p.m.	Registration
8 a.m. – 5 p.m.	Educational Classes
5 p.m – 9 p.m.	Expo Open
6 p.m – 9 p.m.	Kick Off Party in Expo

Saturday, September 16

7:30 a.m. – 4 p.m.	Registration
8 a.m. – 10 a.m.	Educational Classes
7 a.m. – 11 a.m.	PRP Test Session
10 a.m. – 4 p.m.	Expo Open
12 p.m.	Lunch in Expo

Pricing and Packages

Package	Before 8/23	After 8/23
Fully Loaded Package (2.5 days of classes + Expo)		
ALOA/IAAL Members	$575	$675
Non-Members	$850	$950
Fast & Furious Package (1.5 days of class + Expo)		
ALOA/IAAL Members Non-Members	$375 $550	$475 $650
Expo Friday Night & Saturday	$200	$250
Non-Locksmith Guest (Expo)	$50	$75

Transportation

The hotel is conveniently located downtown and only 20 minutes away from the Kansas City International Airport. Your best bet is to get an Uber, Lyft or taxi to the hotel.

Invited Exhibitors

*(as of 6/23/2023, **bold/red** = confirmed)*

ABRITES AUTOMOTIVE SOLUTIONS
ARBRITES USA
Access Tools USA
A&E Tools
American Key Supply
Autel US Inc.
Auto Security Products (ASP)
Bianchi USA Inc.
Banner Solutions
BEST KEY SUPPLY
Blackhawk Products
Car & Truck Remotes
Car Openers
CLK
Framon Manufacturing/ Blue Dog Keys
IDN Global
ILCO/Advanced Diagnostics
IML Security Supply
Intelligent Key Solutions, LLC
JMA USA
Kaba ILCO
Keedex Inc
Key 4
Key Innovations
Key Technologies
Keyincode, LLC
Keyless Ride
KeyLine USA (Bianchi USA Inc)
Lock Decoder
Lock Labs Inc.
LockPicks.com by Brockhage
Locksmith Keyless
Lucky Line
Mul T Lock
OBDSTAR Technology Co. Ltd.
SF Fobs
Smart Box Auto
Southern Lock & Supply Co
STRATTEC Security Corporation
Tecnosicurezza
The Locksmith Store
The Diagnostic Box
Topdon USA
Transponder Island
UHS Hardware
Wesco/Anixter

Special Events

IAAL 2023 Kick-Off Party

6:00 p.m., Friday, September 15

This is a don't-miss event! Be sure to attend this party with a great atmosphere to mix and mingle with suppliers and colleagues on the Expo floor.

IAAL Raffle

In your tote bag at Registration, you'll receive one raffle ticket. Be sure to hang on to it for the Expo! You can also purchase extra tickets at Registration. Then listen for your ticket number to be announced for prizes on the Expo floor. Must be present to win.

PRP Testing

Saturday, September 16 at 7:00 a.m.

Take exams to work toward your next certification! Be sure to sign up in advance when registering for classes. Deadline is August 23 to register for the PRP.

Lishi Escape Contest

11:00 a.m. to 3:00 p.m., Saturday, September 16

Contestants will be in a simulated escape room where they must use Lishi tools to free themselves from their restraints (a padlock) and the "room" (a deadbolt) and start a "getaway car" (a vehicle ignition lock). Fastest time of each day wins a prize and bragging rights.

Demonstrations on Expo Floor

Several companies will be holding educational demonstrations on the show floor. Learn more about techniques and how to use certain products! Check the schedule at the show for full information and times.

Parking and Location

The Kansas City Loews offers complimentary self-parking for hotel guests. For attendees driving in, there are many self-parking lots adjacent to the Kansas City Convention Center. Prices range between $10 and $20.

Thank You to Our Sponsors *(as of 6/23/2023)*

American Key Supply

Lanyards and Tote Bags Sponsor

KEY INNOVATIONS

Hat Co-Sponsor

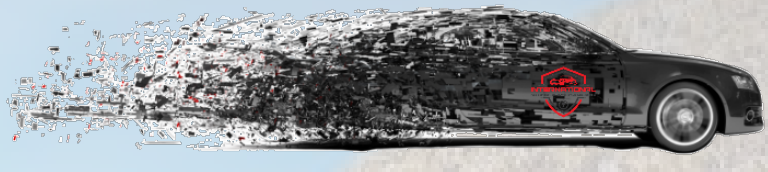
UHS HARDWARE

Hat Co-Sponsor

STRATTEC™

T-Shirt Sponsor

Register online at www.aloa.org



ON TARGET
KANSAS CITY 2023

See online registration on the IAAL Auto Lock Expo tab of ALOA.org for class descriptions. Asterisks (*) indicate the class has a required lab fee on top of the package price. *Class schedule is subject to change.*

Thursday, September 14 *(8 a.m. – 5 p.m.)*

101A	GM 6-Cut Locking System (AM) - *Richards & Florko*	Basic/Intermediate
101P	GM 6-Cut & Column (PM) - *Woods*	Intermediate
102	Intro to Automotive Control Units + Hands-On - *Marte, Jaudon & Jafar*	Intermediate
103A	Soldering (AM) ***$75 lab fee** - *Wright & Preuss*	Intermediate
103P	EEPROM (PM) ***$75 lab fee** - *Wright & Preuss*	Intermediate
104	Catching Up To 2023 – Advanced Automotive Key Making Methods & Tips - *Tucker & Lambert*	Intermediate
105	Intro To European (Merc, Volvo, Audi and BMW) (AM) ***$500 lab fee** - *Sherfield*	Intermediate
106	Adding Auto: Get to Know Your OBD Connector and How to Diagnose It ***$45 lab fee** - *Finstrom*	Basic/Intermediate/Advanced
107A	To Clone or Not to Clone (AM) - *Cagle*	Basic
107P	Domestic Auto GM 8 - 10 Cut HS Keys (PM) - *Cagle*	Basic
108P	Adding Auto Bridging the Gap (PM) - *Portie*	Basic

Friday, September 15 *(8 a.m. – 5 p.m.)*

201A	Honda HS (AM) - *Richards & Florko*	Basic/Intermediate
202	Intro to Automotive Control Units + Hands-on - *Marte, Jaudon & Jafar*	Intermediate
203A	Soldering (AM) ***$75 lab fee** - *Wright & Preuss*	Intermediate
203P	EEPROM (PM) ***$75 lab fee** - *Wright & Preuss*	Intermediate
204	BMW Key Programming with ACDP - *Suggs*	Intermediate/Advanced
205A	Kr55 Key & Remote Programming (Mercedes, Chrysler Crossfire) (AM) ***$450 lab fee** - *Sherfield*	Intermediate
205P	Volkswagen/Audi Programming (PM) - *Sherfield*	Intermediate
206A	Jaguar, Land Rover (AM) - *Skinner*	Intermediate
206P	Intro To Merc (PM) - *Crocker*	Intermediate
207A	Nissan Mechanical (AM) - *Natal*	Basic
207P	Nissan Programming (PM) - *Natal*	Basic
208A	Hands-On Lishi Training (AM) - *Anzalone & Demers*	Basic
208P	Hands-On Lishi Training (PM) - *Anzalone & Demers*	Basic

Saturday, September 16 *(8 a.m. – 10 a.m.)*

303	**PRP Testing (7 a.m. to 11 a.m.)**	
301	Introduction to High Security - *Brandt*	Basic
302	Intro to Automotive Control Units + Hands-on - *Marte, Jaudon & Jafar*	Intermediate
304	Automotive Tips and Tricks (PM) - *Suggs*	Basic
305	Key Innovations - *Sherfield*	Intermediate
306	Jaguar, Land Rover - *Skinner*	Intermediate
308	Volkswagen Ignition Repair - *Portie*	Basic

The IAAL Auto Lock Expo is exclusively for professionals in the automotive locksmith security industry. The event is not open to the general public, and attendance is limited to those with relevant experience and credentials. If you are not already a member of this industry, you may need to provide additional information to confirm your affiliation with the security field before being granted access to the event.

101A

GM 6-Cut Lock 6-Cut Locking System (AM)

→ ***Jennifer Richards, CRL, CMAL & Dan Florko***

Qty**: 30 • **Track**: 1 & 2 • **Skill**: Basic & Intermediate • **CEU: 4

We will cover fitting keys to GM 6-cut locks. It will involve removal/disassembly of locks and assembling/re-installing them on.

101P

GM 6-Cut and Column Class (PM)

→ ***Ed Woods, CML***

Qty**: 30 • **Track**: 2 • **Skill**: Intermediate • **CEU: 4

GM 6-Cut Glove Box to DR/Truck Progression. GM 6-Cut Steering Column tear down, snap-in, bolt in, and tilt-tele. Hands-on Class participation included.

102

Intro to Automotive Control Units + Hands-On

→ ***Rafael Marte, CRL, CAL, CAI & Jason Jaudon with Yaser Jafar***

Qty**: 30 • **Track**: 3 • **Skill**: Intermediate • **CEU: 8

Intro to Automotive Control Units + Hands-On, the lesson topic will be clone/repair/programs ECU on Bench without soldering. Attendees will receive an overview of the Automotive Engine Control Unit (ECU) Programming with ECU Module Identification & Configuration. They will be familiarized with FLEX, DIAGNOSTIC TOOL and HEX EDITOR which will be used in ECU Virginizing, Cloning and Tuning demonstrations. There will also be in-depth discussions on ECU cloning/tuning using other programmers such as IM608 or Phoenix Smart.

103A

Soldering (AM) ***+ $75 LAB FEE***

→ ***Travis Wright and Sean Preuss***

Qty**: 16 • **Track**: 4 & 6 • **Skill**: Intermediate • **CEU: 4

Need to better understand safe techniques for reading and writing memory devices? Do you have a need for more education on EEPROM Key Production, or would you like to learn more about the most up to date technologies for all your EEPROM and soldering questions? Join two of the industry's best for this comprehensive, hands-on class for beginner EEPROM and soldering! In the soldering class we will be covering everything from how to safely remove and reinstalling the EEPROM devices, as well as what equipment you will need to be successful in EEPROM work! This will also include a hands-on experience where you will remove and reinstall an EEPROM in class! In the EEPROM class we will explore the do's and don'ts of EEPROM work, equipment, programmer, and readers needed to close out those high dollar jobs! During this class you gain the hands-on knowledge of how to produce a working transponder by way of EEPROM reading and writing!

103A-L ***+ $75 LAB FEE***

103P

EEPROM (PM) ***+ $75 LAB FEE***

→ ***Travis Wright and Sean Preuss***

Qty**: 16 • **Track**: 4 & 6 • **Skill**: Intermediate • **CEU: 4

Need to better understand safe techniques for reading and writing memory devices? Do you have a need for more education on EEPROM Key Production, or would you like to learn more about the most up to date technologies for all your EEPROM and soldering questions? Join two of the industry best for this comprehensive, hands-on class for

beginner EEPROM and soldering! In the soldering class we will be covering everything from how to safely remove and reinstalling the EEPROM devices, as well as what equipment you will need to be successful in EEPROM work! This will also include a hands-on experience where you will remove and reinstall an EEPROM in class! In the EEPROM class we will explore the do's and don'ts of EEPROM work, equipment, programmer, and readers needed to close out those high dollar jobs! During this class you gain the hands-on knowledge of how to produce a working transponder by way of EEPROM reading and writing!

103P-L *+ $75 LAB FEE*

104

Catching Up To 2023—Advanced Automotive Key Making Methods & Tips

→***Brandon Lambert & Eric Tucker***

Qty**: 30 • **Track**: 3 • **Skill**: Intermediate • **CEU: 8

Students need some previous experience making keys for vehicles. This is not a class for those just starting in the automotive locksmithing field. Lear advanced concepts and training using roots such as the AutoProPAD G2 Turbo, IM6OS Pro, AVDI, and VVDI Key Tool by Xhorse. Some of the subjects being covered include: When to use which tools and an in-depth coverage of the various functions of the tools. Programming of important and problematic vehicles. Importance of use of the VVDI Key Tool Max or Mini Pre & post-scanning EEPROM adapters. Thorough Q&A with the instructors.

105

GM 6-Cut Intro to European (Mercedes, Volvo, Audi and BMW) *+ $500 LAB FEE*

→***Donnie Sherfield***

Qty**: 25 • **Track**: 8 • **Skill**: Intermediate • **CEU: 8

Know a little bit or know nothing about Immo Systems in European Vehicles, then this class is for you. In this class he will take you through the various Immo Systems of BMW, Mercedes, and VAG(Volkswagen Audi Group) Vehicles. Through this 8-hour class, you will become familiar with BMW EWS, CAS, and FEM/BDC Systems along with DAS1, DAS2, DAS3, and DAS4 Systems of Mercedes Vehicles. You will also be taught about the various VAG Immo Systems from Immo I through Immo V(MBQ). After becoming familiar with these systems and what vehicles they belong to, key programming will be discussed for each system. Add A Key and AKL(All Keys Lost) situations will be discussed and best practices will be demonstrated and instructed on.

105L = $500 LAB FEE

106

Adding Auto: Get to Know Your OBD Connector and How to Diagnose it *+ $45 LAB FEE*

→***Paul Finstrom, CAI***

Qty**: 25 • **Track**: 3 • **Skill**: Basic, Intermediate & Advanced • **CEU: 8

In this class you will to learn the OBD/OBD2 and common problems that automotive security professionals will run into and how to diagnose them. You will learn what tools you will need to diagnose the problems and how important they are. In this class you will run through real life scenarios on Hondas, Fords, Chevrolets, etc. We will be using tools and simulators to implement these scenarios.

106L – $45 LAB FEE

107A

To Clone or Not to Clone (AM)

→ ***Tony Cagle, II, CRL***

Qty**: 30 • **Track**: 6 • **Skill**: Basic • **CEU: 4

Transponder Reading, Writing and Reusing. How and why transponder should be clone, created, and saved. From a profit point of view. Different equipment, types of transponders and tips to get it all to work will be discuss.

107P

GM Domestic 8 - 10 Cut HIGH-SECURITY Keys (PM)

→ ***Tony Cagle, II, CRL***

Qty**: 30 • **Track**: 2 • **Skill**: Basic • **CEU: 4

In this class, we will delve into the topic of GM Domestic 8-10 cut high-security keys. You can expect to gain a wealth of information on this subject, including details on how to create these keys yourself. This is a hands-on class, which means that you will be able to actively participate and learn by doing. By the end of the class, you will have a deep understanding of GM Domestic 8-10 cut high-security keys, as well as practical skills that you can apply in the real world.

108P

Adding Auto; Bridging the Gap (PM)

→ ***James Portie, CAI***

Qty**: 20 • **Track**: 7 & 8 • **Skill**: Basic • **CEU: 4

This course will introduce the student to the world of Automotive Locksmithing. The Adding Auto course will give locksmith high-security that are on the fence about jumping into the automotive world of locksmithing the information they need to confidently make the leap. This course will answer the most common questions that locksmith high-security have about the auto industry side of locksmithing. The Adding Auto course will give students that knowledge on where to start, what they will need, and the most important, how can I make money by adding auto. After completing this course, the student will have the skills and confidence to take the leap and add automotive locksmithing to his/her business.

201A

Honda High-Security (AM)

→ ***Jennifer Richards, CRL, CMAL & Dan Florko***

Qty**: 30 • **Track**: 1 & 2 • **Skill**: Basic & Intermediate • **CEU: 4

Honda high-security will involve dealing with high-security Honda locks. We will be showing why and how they fail and how to repair them.

202

Intro to Automotive Control Units + Hands-On

→ ***Rafael Marte, CRL, CAL, CAI & Jason Jaudon with Yaser Jafar***

Qty**: 30 • **Track**: 3 • **Skill**: Intermediate • **CEU: 8

Attendees will receive an overview of the Automotive Engine Control Unit (ECU) Programming with ECU Module Identification & Configuration. They will be familiarized with FLEX, DIAGNOSTIC TOOL and HEX EDITOR which will be used in ECU Virginizing, Cloning and Tuning demonstrations. There will also be in-depth discussions on ECU cloning/tuning using other programmers such as IM608 or Phoenix Smart.

203A

Soldering (AM) + $75 LAB FEE

→ ***Travis Wright and Sean Preuss***

Qty**: 16 • **Track**: 4 & 6• **Skill**: Intermediate • **CEU: 4

Need to better understand safe techniques for reading and writing memory devices? Do you have a need for more education on EEPROM Key Production, or would you like to learn more about the most up to date technologies for all your EEPROM and soldering questions? Join two of the industry's best for this comprehensive, hands-on class for beginner EEPROM and soldering! In the soldering class we will be covering everything from how to safely remove and reinstalling the EEPROM devices, as well as what equipment you will need to be successful in EEPROM work! This will also include a hands-on experience where you will remove and reinstall an EEPROM in class! In the EEPROM class we will explore the do's and don'ts of EEPROM work, equipment, programmer, and readers needed to close out those high dollar jobs! During this class you gain the hands-on knowledge of how to produce a working transponder by way of EEPROM reading and writing!

103A-L + $75 LAB FEE

203P

EEPROM (PM) + $75 LAB FEE

→ ***Travis Wright and Sean Preuss***

Qty**: 16 • **Track**: 4 & 6• **Skill**: Intermediate • **CEU: 4

Need to better understand safe techniques for reading and writing memory devices? Do you have a need for more education on EEPROM Key Production, or would you like to learn more about the most up to date technologies for all your EEPROM and soldering questions? Join two of the industry best for this comprehensive, hands-on class for beginner EEPROM and soldering! In the soldering class we will be covering everything from how to safely remove and reinstalling the EEPROM devices, as well as what equipment you will need to be successful in EEPROM work! This will also include a hands-on experience where you will remove and reinstall an EEPROM in class! In the EEPROM class we will explore the do's and don'ts of EEPROM work, equipment, programmer, and readers needed to close out those high dollar jobs! During this class you gain the hands-on knowledge of how to produce a working transponder by way of EEPROM reading and writing!

203P-L + $75 LAB FEE

204

BMW Key Programming with ACDP

→ ***Brian Suggs***

Qty**: 25 • **Track**: 1, 2 & 3 • **Skill**: Intermediate & Advanced • **CEU: 8

Everything you need to know about making keys to BMW vehicles with ACDP, however other tools will be discussed such as Abrites, VVDI2, Autohex and others. Basic module EEPROM'ing, soldering and handling protocols will be discussed which is useful if other tools are used. Also hands on with BMW modules or vehicles, vehicle availability and weather permitting. The 8-hour class will include extra hands on and may include a donor vehicle.

205A

Programming (Mercedes, Chrysler Crossfire) (AM) + $450 LAB FEE

→ ***Donnie Sherfield***

Qty**: 25 • **Track**: 3 & 6 • **Skill**: Intermediate • **CEU: 4

This is an intro to remote programming covering the Mercedes, And Chrysler Crossfire Vehicles.

205A-L + $450 LAB FEE

205A

BMW/Audi (PM)

→***Donnie Sherfield***

Qty**: 25 • **Track**: 3 & 6 • **Skill**: Intermediate • **CEU: 4

This is an intro to remote programming covering the BMW and Audi vehicles.

206A

Jaguar, Land Rover (AM)

→***Jamie Skinner, ARL***

Qty**: 30 • **Track**: 3 & 8 • **Skill**: Intermediate • **CEU: 4

This class will go over Land Rover and Jaguar from cheating missions up until the newest models in 2023 in the proximity systems. This class will also go over the Dealer factory software and programming as well as alternative methods for programming Spare and Lost the keys to the vehicles. We will also discuss sheeting missions in their immobilizer systems as well as the target module that needs to be programmed to make use of the vehicles

---

206P

Intro to Mercedes (PM)

→***Jeremy Crocker, CAL, CRL, CFL,CAI***

Qty**: 20 • **Track**: 2 & 8 • **Skill**: Intermediate • **CEU: 4

This class is designed to give the students the basic knowledge needed to begin making Mercedes Keys. We will discuss opening systems & the evaluation of Mercedes Keys over the years. You will be taught, what keys are possible and which should be passed on will be discussed as well.

207A

Nissan Mechanical (AM)

→***Manuel A. Natal, CRL, CMAL***

Qty**: 20 • **Track**:2 • **Skill**: Basic • **CEU: 4

Nissans and Infiniti's four mechanical key systems from 1997 to 2023. This is inclusive of identification and servicing. Key origination. It covers the servicing of Nissans active retainer and roll pin locks. Door locks and ignition locks. Duplication and origination of Nissans four keyways.

207P

Nissan Programming (PM)

→***Mannie Natal, CRL, CMAL***

Qty**: 20 • **Track**: 2 & 3 • **Skill**: Basic • **CEU: 4

Nissan and Infiniti electrical and electronic key systems from 1997 to 2023. Nissan programming classes will cover Nissan key identification and programming from 1997 to 2023. This will include pin code reading, serial number decoding, rolling code vehicles, proximity remote identification, proximity remote use, Nissan transponder identification and cross referencing.

208A Hands-On Lishi Training (AM)

→***Tyler Anzalone and Eric Demers***

Qty**: 30 • **Track**: 2 • **Skill**: Basic • **CEU: 4

Comprehensive, hands-on training on picking and decoding vehicle locks with Lishi Original locksmith tools. Learn and really understand the tools and procedures that will help you pick and decode both automotive and residential

locks. The class will begin with approximately an hour of classroom leaning, understanding the basics of the tools and the locks that you will see in the field. We then jump into the hands-on portion of the class where you will be able to pick and decode as many locks as possible. Feel free to focus your attention and get help on a difficult lock that always seems to gives you trouble.

208P

Hands-On Lishi Training (PM)

→ ***Tyler Anzalone and Eric Demers***

Qty**: 30 • **Track**: 2 • **Skill**: Basic • **CEU: 4

Comprehensive, hands-on training on picking and decoding vehicle locks with Lishi Original locksmith tools. Learn and really understand the tools and procedures that will help you pick and decode both automotive and residential locks. The class will begin with approximately an hour of classroom leaning, understanding the basics of the tools and the locks that you will see in the field. We then jump into the hands-on portion of the class where you will be able to pick and decode as many locks as possible. Feel free to focus your attention and get help on a difficult lock that always seems to gives you trouble.

301

Intro to High-security 8 a.m. - 10 a.m.

→ ***Greg Brandt, CML***

Qty**: 35 • **Track**: 2 • **Skill**: Basic • **CEU: 2

This introductory presentation covers the basic fundamentals of high-security auto locks including: Historical usage and types; Differences and special problems with sidewinder designs; Considerations and problems with key cutting; Various methods of coding original keys; Knowing how to examine keys for problems; Sight reading key bitting; Tips of key origination including disassembly, use of sight reading, picking/decoding and using impressioning; Select service techniques related to rekeying and service related problems.

302

Intro to Automotive Control Units + Hands-On 8 a.m. - 10 a.m.

→ ***Rafael Marte, CRL, CAL, CAI, Jason Jaudon with Yaser Jafar***

Qty**: 30 • **Track**: 3 • **Skill**: Intermediate • **CEU: 2

Attendees will receive an overview of the Automotive Engine Control Unit (ECU) Programming with ECU Module Identification & Configuration. They will be familiarized with FLEX, DIAGNOSTIC TOOL and HEX EDITOR which will be used in ECU Virginizing, Cloning and Tuning demonstrations. There will also be in-depth discussions on ECU cloning/tuning using other programmers such as IM608 or Phoenix Smart.

PRP Certification Testing 7 a.m. - 11 a.m.

Proctor: Bill Mandlebaum, CML

***Qty**: 30 • **Track**: 4 • **Skill**: Intermediate*

This is an opportunity to showcase your expertise and earn official certification as an automotive locksmith or master automotive locksmith (if you are already a CAL). The first level of certification is the Certified Automotive Locksmith (CAL), followed by the Certified Master Automotive Locksmith (CMAL). Additionally, during registration, you can opt to take other certification exams, such as CRL, CEL, or CLL. To take the certification exam, you must pay the fee during your Class or Expo registration, as there is no on-site registration available for testing. Please note that you must be registered for the event to take this PRP testing, and gister is August 23rd. For more information about certification testing, visit the website https://aloa.org/certification-and-testing/aloa-certification-and-testing.html#certification-information.

304

Automotive Tips and Tricks 8 a.m. - 10 a.m.

→***Brian Suggs***

Qty**: 30 • **Track**: 4 • **Skill**: Intermediate • **CEU: 2

General automotive tips and tricks will be shown by one of the industry's best automotive locksmiths.

305

Key Innovations 8 a.m. - 10 a.m.

→***Donnie Sherfield***

Qty**: 30 • **Track**: 4 • **Skill**: Intermediate • **CEU: 2

The latest with Key Innovations will be presented.

306

Jaguar, Land Rover 8 a.m. - 10 a.m.

→***Jamie Skinner, ARL***

Qty**: 15 • **Track**: 3 & 8 • **Skill**: Intermediate • **CEU: 2

This class will go over Land Rover and Jaguar from cheating missions up until the newest models in 2023 in the proximity systems. This class will also go over the Dealer factory software and programming as well as alternative methods for programming Spare and Lost the keys to the vehicles. We will also discuss sheeting missions in their immobilizer systems as well as the target module that needs to be programmed to make use of the vehicles.

308

Volkswagen Ignition Repair 8 a.m. - 10 a.m.

→***James Portie, CPL, CAI***

Qty**: 20 • **Track**: 2 • **Skill**: Basic • **CEU: 2

Volkswagen Ignition and Housing Repair. Don't miss out on your opportunity to take part in this hands-on class to solve the common issues of Volkswagen ignition/housing failures. This class will go through start to finish on diagnosing, disassembly, repair and reinstallation of Volkswagen ignition and housing repairs. Student will be shown different methods of repair options and discuss the benefits and problems with each option. Students will also be given the opportunity to interact with hands on repairs in class, so each student will leave with the knowledge to successfully complete the job on their own.

Chevrolet • Buick • GMC • Cadillac

New Original Equipment Proximity Keys

We've added new GM proximity and emergency keys that cover over 50 different models

- Equipping Locksmiths with the Ability to Service Millions of Vehicles
- Covering 90% of Vehicles on the Road

See our website: ***http//aftermarket.strattec.com*** for applications and more information.

Don't forget to use our new improved Vehicle Match for all your needs.

STRATTEC™

TRUSTED SOURCE. MANY SOLUTIONS.®

GM OFFICIAL LICENSED PRODUCT 16TM/01

General Motors Trademarks are used under license to STRATTEC Security Corporation.