



LOCKSMITH SOLUTIONS

ADVANCED
KEY PROGRAMMING
AND VEHICLE SECURITY
SOLUTIONS



ABRITES LTD

☎ +359 2 955 04 56
✉ sales@abrites.com

ABRITES ITALY SRL

☎ +39 041 405 048
✉ vendite@abrites.it

ABRITES FRANCE SAS

☎ +33 1 485 568 22
✉ contact-fr@abrites.com

ABRITES USA LLC

☎ +1 (786) 999 9685
✉ sales@abrites.us

www.abrites.com

PROFESSIONAL SOLUTIONS

for Modern Automotive Locksmiths

ABRITES develops professional locksmith solutions that enable specialists to perform advanced key programming, security data extraction, and All Keys Lost recovery on modern vehicles.

With more than two decades of innovation in automotive diagnostics and programming, ABRITES continues to deliver cutting-edge solutions for the world's leading vehicle manufacturers. Our continuously expanding portfolio helps locksmiths tackle the latest vehicle security systems with confidence, speed, and reliability.

FEATURED LOCKSMITH SOLUTIONS

BMW/MINI VEHICLES



- EWS, HUF/X_SLZ, CAS, FEM, BDC and BDC2 key programming
- Spare key programming and All Keys Lost procedures (supported platforms)
- Key removal
- Original second-hand key renew (434 MHz) – renew supported OEM keys for programming to another supported vehicle
- ISN extraction
- DME–CAS/FEM/BDC synchronization



MERCEDES-BENZ

VEHICLES



- FBS3 key programming
- Spare key learning
- Key blocking and deletion
- All Keys Lost procedures
- EIS/EZS data reading and processing
- ESL adaptation and synchronization
- Password calculation and security data management



VAG

VEHICLES



- MQB, MQB48 and MQB49 key learning
- Immo 5C (Hitag-Pro) key programming
- Immo 5C/5D key programming using NCF data
- NCF data extraction directly from a working key
- Support for OEM new, OEM used and aftermarket keys
- KESSY adaptation for supported platforms
- All Keys Lost key programming for MQB Immo 5C vehicles for VDO instrument clusters with CryptoCore RH850 MCUs
- Spare key programming is available for both VDO and JCI dash modules with CryptoCore RH850 MCUs



- Dealer key preparation without third-party information (synchro bytes)
- Programming with virgin aftermarket keys
- Programming with supported used OEM keys

SUBARU

VEHICLES



- Smart Key programming & Alarm OFF (MY 2020-2026)
- Mechanical Key Programming (MY 2020-2026)



JLR

VEHICLES

- RFA/KVM programming
- Spare key programming
- All Keys Lost procedures
- PIN and security data extraction



PORSCHE

VEHICLES

- Spare key programming
- All Keys Lost procedures
- Immobilizer data extraction
- KESSY-related locksmith procedures



RENAULT & DACIA

VEHICLES

- Spare programming
- All Keys Lost procedures
- PIN code reading
- Key programming for the latest vehicles up to 2026



PSA/STELLANTIS VEHICLES

- Key programming
- PIN code extraction
- BSI PIN code reading
- All Keys Lost procedures



FORD VEHICLES

- Spare key programming
- All Keys Lost procedures
- PATS Initialization
- Key Programming for Ford 2021+ Models via OBDII
- External Outcode/Incode calculator support for key learning



TOYOTA & LEXUS VEHICLES

- Smart key programming
- All Keys Lost recovery procedures
- Immobilizer reset
- ECU synchronization for key learning



PROFESSIONAL **LOCKSMITH** **TECHNOLOGIES**



ALL KEYS LOST SOLUTIONS

Perform advanced recovery procedures for supported vehicle platforms without requiring an existing working key, helping you restore vehicle access quickly and efficiently.

SECURITY DATA EXTRACTION

Retrieve the immobilizer information required for key programming, including PIN codes, passwords, ISN, EEPROM, Flash data, and NCF data, depending on the supported vehicle platform.

CONTINUOUS INNOVATION

ABRITES continuously expands its locksmith portfolio with support for the latest vehicle platforms, delivering innovative solutions that keep professionals ahead of evolving automotive security technologies.

ADVANCED KEY PROGRAMMING

Program spare keys, replacement keys, smart keys, proximity keys, and remote controls using manufacturer-specific procedures developed to simplify even the most challenging programming tasks.

OEM KEY RENEWAL

Expand your service capabilities by renewing supported original OEM keys, allowing them to be programmed to another compatible vehicle and reducing costs for your customers.



CHECK OUR
PRODUCTS

THE ABRITES HARDWARE ECOSYSTEM

Complete your locksmith setup with professional hardware and accessories designed to work seamlessly with ABRITES software.



● AVDI PLUS

The professional vehicle communication interface for diagnostics, key programming, and advanced special functions.

● PROTAG

Advanced programmer for transponders and keys. Supports key preparation, transponder cloning, OEM key renewal, low-level transponder operations, and compatibility with Mercedes-Benz IR keys, including truck keys.

● RH850 Programmer

Read and program RH850 microcontrollers used in the latest vehicle security systems, enabling advanced key programming and All Keys Lost procedures.

CB012 Cable Set

Universal direct CAN-BUS/LIN-BUS connection between AVDI and the vehicle network.



Distribution Box

Ensures stable communication during advanced programming procedures and supports direct connections to vehicle modules.



ZN-Series Programmers

Professional programmers for reading and programming supported electronic modules, EEPROMs, and MCUs.



Abrites Keys & Transponders

A growing range of high-quality OEM-style and universal keys, designed to work seamlessly with ABRITES key programming solutions.



EVERYTHING YOU NEED

Software, hardware, programmers, cables,
and keys – all designed and developed by ABRITES as
part of one fully integrated ecosystem.

WHY

AUTOMOTIVE LOCKSMITHS

CHOOSE ABRITES

- Innovative solutions for the latest vehicle security systems
- Industry-leading coverage across European, Asian, and American vehicle manufacturers
- Continuous software updates with newly developed locksmith procedures
- Integrated hardware and software ecosystem
- Professional technical support and comprehensive documentation
- Trusted by locksmiths and workshops worldwide for more than 20 years

A B R I T E S

LOCKSMITH SOLUTIONS

- Advanced Key Programming
- All Keys Lost
- Data Extraction
- Original Key Renewal
- Professional Automotive Locksmith Solutions



Achieve the impossible



HEAD OFFICE

147 Cherni Vrah Blvd.
1407, Sofia Bulgaria
sales@abrites.com

www.abrites.com

All rights reserved 2026 ©