

FVDI Hyundai and KIA Introduction

Version: V2.1

ABRITES Commander for Hyundai and KIA is software intended for programming keys and diagnosing of these vehicles.

Basic diagnostics of control units over CAN and K-Line - Engine, Instrument Panel Cluster, Immobilizer, Airbag, Electronic Transmission Control...

Display and clear fault codes.

Display of DTCs in the following languages: English, French, Spanish, German, Italian, Russian, Czech, Polish, Bulgarian, Chinese, Turkish, Greek, Hungarian.

Actuator tests - Fan speed actuation, lamps activation and so on.

The key learning function works only by K-Line and CAN. The Hyundai/KIA Immobilizer system consists of the SMARTRA ECU which has its own CPU which controls the vehicles immobilizer in conjunction with the engine management ECU. The key learning function in general works for all Hyundai/KIA vehicles manufactured since year 2000 until today. Please, see below the supported vehicles on which the key learning function is guaranteed to work. In the next versions we will add more vehicles to this list FREE for all customers who own the key learning function.

- Key Learning by CAN and K-Line for the following models by OBDII:

KIA Morning
KIA New Morning
KIA Euro Start
KIA Naza Suria
KIA Naza Picanto
KIA Ceed
KIA Cerato
KIA Carens
KIA Soul
KIA Picanto
KIA Spectra
KIA Sephia
KIA Optima
KIA Magentis
KIA Rio
KIA Venga
KIA Forte
KIA Opirus
KIA Amanti
KIA Cadenza

KIA Sportage
KIA Sorento
KIA Mohave
KIA Borrego
KIA Rondo
KIA Carnival
KIA Sedona
KIA Visto

Hyundai Accent
Hyundai Verna
Hyundai Elantra
Hyundai Avante
Hyundai Sonata
Hyundai Grandeur
Hyundai H100
Hyundai H200
Hyundai SantaFe
Hyundai Veracruz
Hyundai Terracan
Hyundai Tucson
Hyundai Getz
Hyundai Atos
Dodge Atos
Dodge Attitude
Hyundai Santo Xing
Hyundai i30
Hyundai i20
Hyundai i10
Hyundai i800
Hyundai Genesis
Hyundai Equus
Hyundai Porter
Hyundai Libero
Hyundai Entourage
Hyundai Coupe

- Mileage Recalibration and Read/Write Full EEPROM of instrument cluster for the following models by OBDII:

KIA Ceed 2011+
KIA Magentis 2010+
KIA Optima 2010+

KIA Rio 2011+
KIA Soul 2011+
KIA Sportage 2011+
KIA Sorento 2011+
Hyundai Elantra 2011+
Hyundai I20 2011+
Hyundai Solaris 2011+
SaangYong Korando 2011+

- Read/Write complete EEPROM and Flash of EDC15 Engine Control Units (which is also the Immobilizer control unit). Pin Code extraction by OBD and EEPROM dump

- Odometer correction by OBD in Engine Control Units EDC15

- Read/Write Flash and automatic flash checksum calculation of EDC16 Engine Control Units (which is also the Immobilizer control unit). Automatic Pin Code reading for EDC16

- Automatic Pin Code reading in vehicles equipped with KEFICO Engine Control Units with processor ST10F275.

- PIN by VIN calculator for vehicles up to year 09.2007