



RENAULT EMULATOR Immobilizer over CANBUS

SERWIS.PL
AUTOMOTIVE SOLUTIONS

Designed for all Renault ECU 250/500 kbps.
With immobilizer system communicating via network canbus

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0123456789ABCDEF
00000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00010	12	34	56	78	9A	BD	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00020																	
00030																	
00040																	
00050																	
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000A0																	
000B0																	
000C0																	
000D0																	
000E0																	
000F0																	

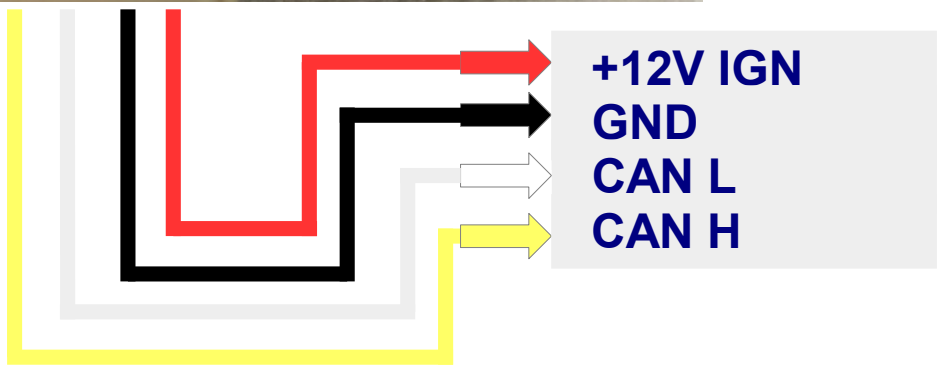
6 bytes synchro ISK

LED (RED) :
Blink - ECU is unlocked
Still ON - ECU is not unlocked

Jumper terminator

Jumper for speed:
Open - 250 kbps
Close - 500 kbps

24C02 I2C eeprom



Emulator for proper work, must have stored data ISK code from ECU memory to 24C02 eeprom mounted on the PCB board of emulator. Another of method, for self- alignment is make ECU to „virgin“ state, after to ECU automatically will learn new ISK code. Don't need calculate the checksum in memory of ECU. Also is implemented „stealth“ software technology - in 99% cases don't need cut canbus network and do not need to use a relay.