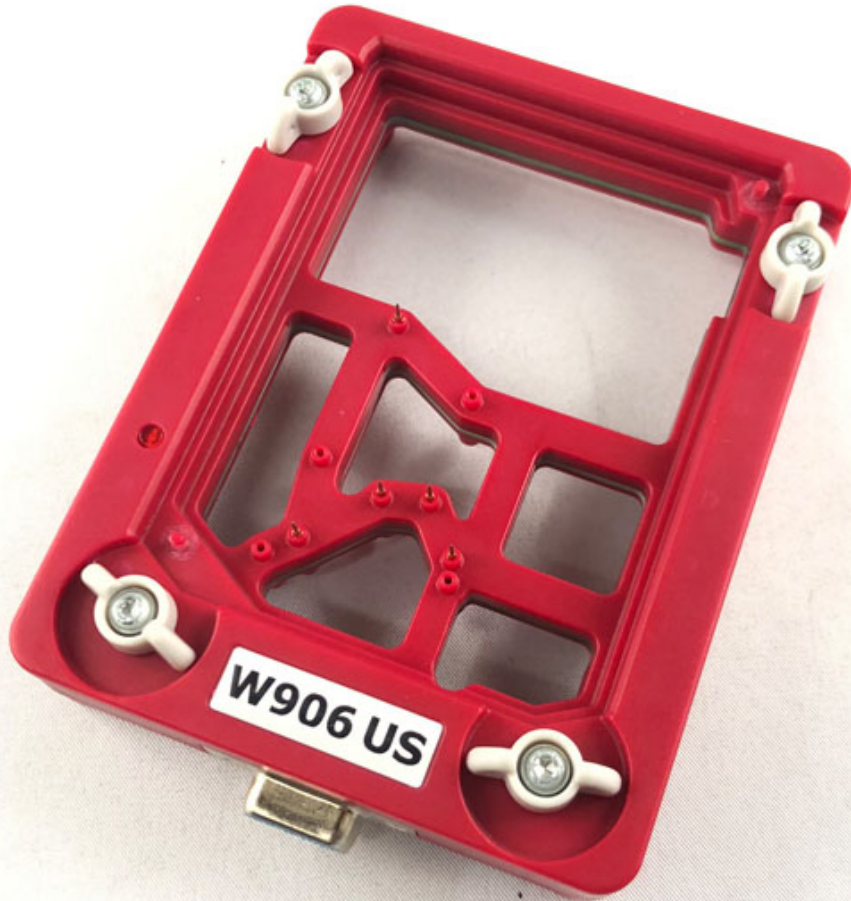


# Click'n Go

**Sprinter Dodge Feightliner Click'n Go Adapter**  
To work with MBProg Programmer. No soldering required.

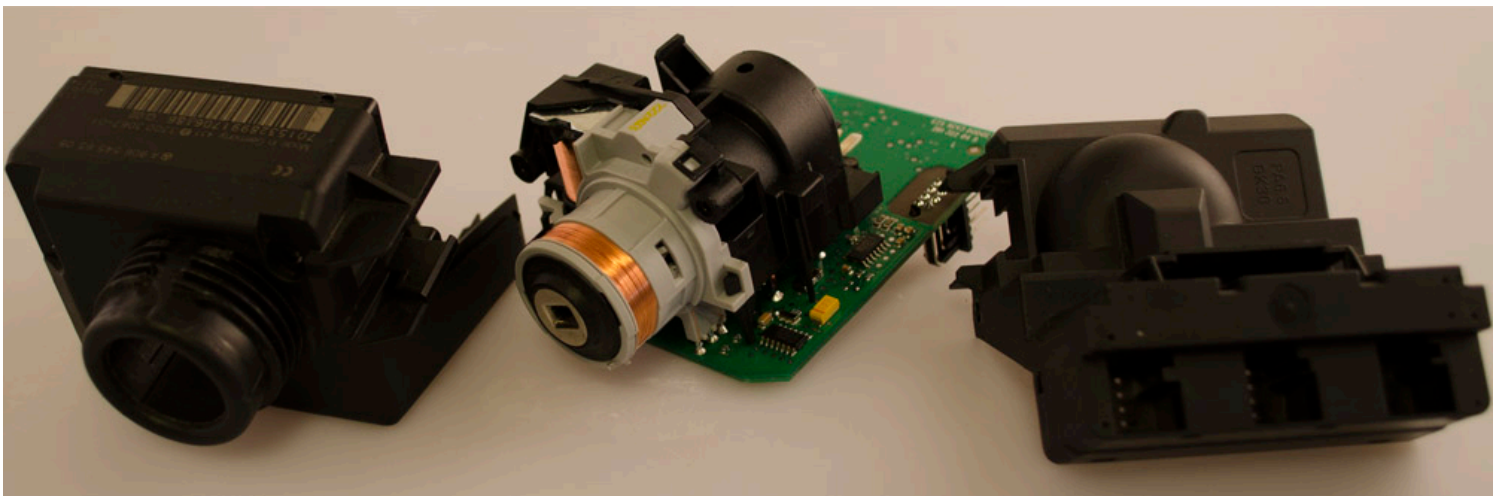
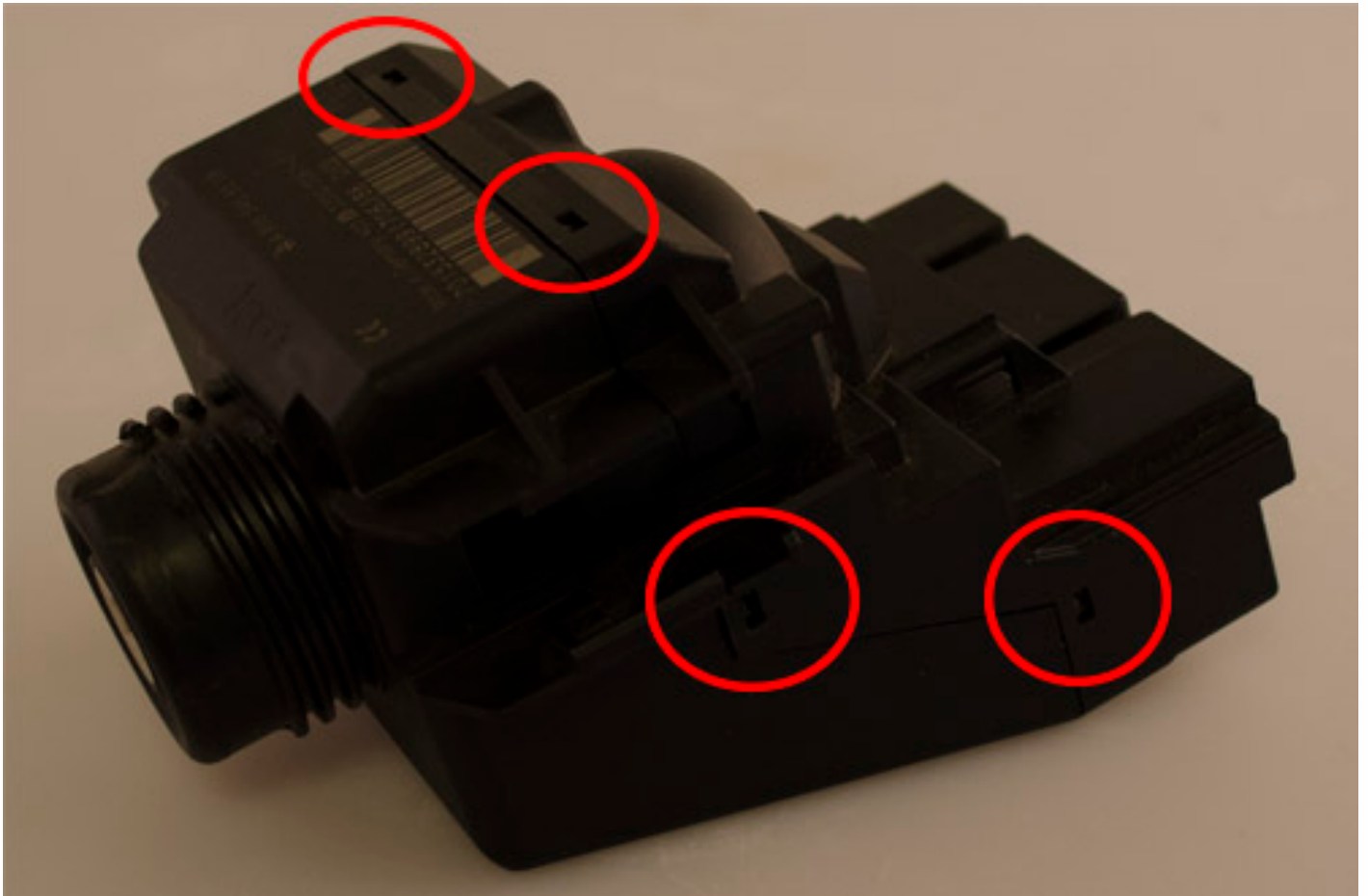


# Click'n Go



## How to connect

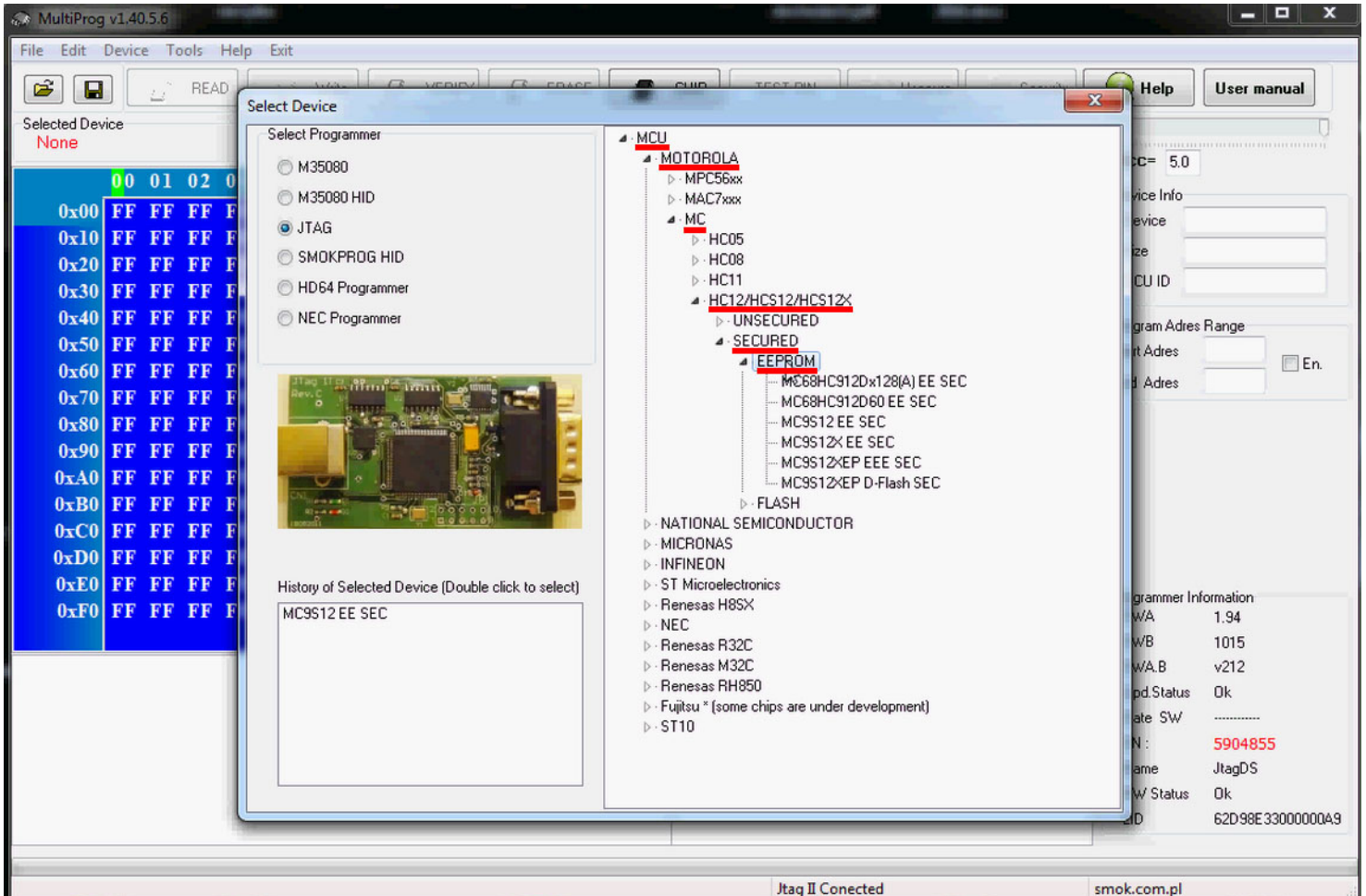
Open EZS back side by pushing in the EZS back body holders





# Click'n Go

Make sure that JTAG is selected as a working programmer.  
Select MOTOROLA > MC > HC12/HCS12/HCS12X > SECURED > EEPROM  
and double click on corresponding option





# Click'n Go

Click on Read button

The screenshot shows the MultiProg v1.40.5.6 software interface. The 'Read' button, represented by a green upward-pointing arrow, is circled in red. The main window displays a memory dump for the selected device 'MC9S12 EE SEC'. The memory dump table is as follows:

Address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0x000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x0F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
0x100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

The right-hand panel shows the following settings:

- Vcc= 5.0
- Device Info: Device, Size, MCU ID (empty fields)
- Program Adres Range: Start Adres 000000, End Adres 0007FF, En.
- Programmer Information: SWA 1.94, SWB 1015, SWA.B v212, Upd.Status Ok, Date SW ....., SN: 5904855, Name JtagDS, HW Status Ok, LID 62D98E33000000A9

The status bar at the bottom indicates 'Jtag II Conected' and 'smok.com.pl'.

# Click'n Go

EZS reading process is done!

MultiProg v1.40.5.6

File Edit Device Tools Help Exit

READ Write VERIFY ERASE CHIP TEST PIN Usecure Security Help User manual

Selected Device: MC9S12 EE SEC

Address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	01	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
0x000	00	5A	FF	FF	15	08	FF	FF	05	66	FF	FF	6D	01	FF	FF	.	Z	.	\$	.	.	.	.	.	.	.	.	.	.	.	.
0x010	12	06	FF	FF	20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x020	03	0F	FF	FF	FF	FF	FF	FF	00	1F	FF	FF	00	00	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x030	FF	FF	FF	FF	10	FF	FF	FF	43	B1	FF	FF	C4	43	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x040	B1	C4	FF	FF	43	B1	FF	FF	C4	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x050	78	72	FF	FF	22	85	FF	FF	FF	FF	FF	FF	57	44	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x060	33	50	FF	FF	45	38	FF	FF	43	43	FF	FF	37	43	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x070	35	37	FF	FF	32	32	FF	FF	35	38	FF	FF	36	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x080	01	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0E0	FF	FF	FF	FF	00	00	FF	FF	01	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x0F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
0x100	6C	40	FF	FF	80	58	FF	FF	F0	25	FF	FF	A3	E4	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Read EE MC9S12 EE SEC  
Read ID MCU ok  
MCU ID :0033  
Memory Config :2581  
Unsecuring...  
f=136, t1=163, t2=23  
Unsecure Ok  
Reading EE MC9S12 Secured...  
Read OK  
Saved backup File : C:\Users\PatytkMBE\Documents\Temp\Temp3.bin

Programmer Information  
SWA 1.94  
SWB 1015  
SWA.B v212  
Upd.Status Ok  
Date SW -----  
SN : 5904855  
Name JtagDS  
HW Status Ok  
LID 62D98E3300000A9

Read OK Jtag II Connected smok.com.pl