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MB Keymaker Pro All keys lost - add new key (with PCF 7936 transponder)



(877) 289-5124 lacartech@lacartech.com

Read a memory dump out of the EIS with use of MBProg and Click'n Go

Connect Click'n Go adapter to EIS Connect USB cable to PC



Open MBProg and click on Chip button

or Multiprog VI.40.6.5																							
File Edit Device Tools Help Exit																							
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Selected Dev	Selected Device																						
None																						Vcc= 50	
	00	01	02	03	04	05	06	07	08	09	0 A	0 B	0 C	0 D	0 E	0 F	01234	5678	89 AB	CDEF		D	
0x00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						Device Info	
0x10	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						Device	
0x20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						Size	
0x30	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						MCU ID	
0x40	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						-Program Adres	Bange
0x50	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						Start Adres	
0x60	FF	FF	FF	FF	FF	FF	FF	\mathbf{FF}	FF	FF	FF	FF	FF	FF	FF	FF						End Adres	En.
0 x70	FF	FF	FF	\mathbf{FF}	$\mathbf{F}\mathbf{F}$	FF	FF	$\mathbf{F}\mathbf{F}$	\mathbf{FF}	$\mathbf{F}\mathbf{F}$	FF	FF	FF	FF	FF	FF						Chid Adres	
0x80	FF	FF	FF	FF	FF	FF	FF	\mathbf{FF}	\mathbf{FF}	FF	FF	FF	FF	FF	FF	FF							
0x90	FF	FF	FF	FF	FF	FF	FF	\mathbf{FF}	FF	FF	FF	FF	FF	FF	FF	FF							
0xA0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF							
0xB0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF							
0xC0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF							
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0xF0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF						SŴA	1.95
																						SWB	1015
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																						LID	629590150000006
																							02000100000000
																	Jtag	II Cone	ected			smok.com.pl	4

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Make sure that JTAG is selected in programmer software. Select MOTOROLA > MC > HC12/HCS12/HCS12X >SECURED > EEPROM and double click on MC9S12 EE SEC option as seen in the red circle.



Now click on Read button.

S MultiProg v1.40.5.6						
File Edit Device Tools Help Exit						
	Write VERIFY C ERASE CHIP	TEST PIN Usecure Security	User manual			
Selected Device MC9S12 EE SEC						
00 01 02 03 04	05 06 07 08 09 04 0B 0C 0D 0F 0F	0123456789ABCDEE	VCC= 5.0			
0-000 FF FF FF FF FF	FF		Device Info			
0x010 FF FF FF FF FF	FF		Device			
0x020 FF FF FF FF FF	FF		Size			
0x030 FF FF FF FF FF	FF		MCU ID			
0x040 FF FF FF FF FF	FF		Program Adres Bange			
0x050 FF FF FF FF FF	FF		Start Adres 000000			
0x060 FF FF FF FF FF	FF		End Adrea 0007EE			
0x070 FF FF FF FF FF	FF		End Adles			
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0x0A0 FF FF FF FF FF	FF					
0x0B0 FF FF FF FF FF	FF					
0x0C0 FF FF FF FF FF	FF					
0x0D0 FF FF FF FF FF	FF	**********				
OxOEO FF FF FF FF FF	FF		Programmer Information			
OXOFO FF FF FF FF FF	FF		SWA 1.94			
OX100 FF FF FF FF FF	PF FF		SWB 1015			
			SWA.B v212			
			Data Still			
			SN - 5004855			
			Name JtanDS			
			HW Status Ok			
			LID 62D98E33000000A9			
		Jtag II Conected	smok.com.pl			

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Now click on File and select Save option

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MultiProg v1.40.6.3								
File Edit Device Tools Help Exit								
Open READ Write Write VERIFY C ERASE CHIP TEST PIN TO Usecure Security	😡 Help User manual							
Exit SEC	Vcc= 5.0							
0×000 00 54 FF FF 38 06 FF FF 70 97 FF FF 91 00 FF FF 7 8	Device Info							
$0 \rightarrow 0100$ 0 5 Å FF FF 26 FF A	Device 9s12DG256							
0.0200 0.0 FF FF FF FF FF FF 0.0 1F FF FF 0.0 0.0 FF FF	Size 4096							
0x030 FF FF FF 10 FF FF FF 4A 41 FF FF C4 4A FF FF IA I	MCU ID 0033							
0x040 41 C4 FF FF	Program Adres Range Start Adres 000000 End Adres 000FFF							
0x090 FF								
0x0D0 FF								
0x0E0 FF FF FF FF 00 00 FF FF 01 FF FF FF FF FF FF FF 0x0F0 FF	Programmer Information SWA 1.95 SWB 1015							
Read EE MC9S12 EE SEC Read ID MCU ok Memory Config :2581 Unsecuring = 136, 11=164, 12=6 Unsecure Ok Reading EE MC9S12 Secured Read OK Saved backup File : C:\Users\PatrykMBE\Documents\Temp\Temp74.bin	SWA.B v212 Upd.Status 0k Date SW SN : 7205005 Name JtagDS HW Status 0k LID 6295901500000006							
Read OK Jtag II Conected si	ad OK Jtag II Conected smok.com.pl							

Choose a file location and a name for the dump Click save button

Zapisywanie jako			x
Dodge	▼ 4 Przeszuka	j: Dodge	٩
Organizuj 🔻 Nowy folder		•	0
Vlubione Nazwa	Data modyfikacji Typ	Rozmiar	
3 Ostatnie miejsca	nty nie pasują do kryteriów wyszukiwania.		
CheDrive			
 iCloud Drive Zdjęcia iCloud 			
浔 Biblioteki			
Dokumenty			
J Muzyka			
Solution Contraction Contractico Contracti			
Nazwa pliku: dodge eeprom 001			•
Zapisz jako typ: Binary File ".bin			•
S Ukryj foldery	Zapisz	Anuluj	



Connect the device to the computer Put a new PCF 7936 transponder in the device



Run MB Keymaker Pro software and click Load Dodge EE in PCF Hitag2 tab Choose proper file



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Click Program PCF button

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Sprinter Dodge, Hitag2 ∨1.0 D0000201 Undate Serial Number About Help				
S	printer Dod	ge, Hitag2		
Dodge Hitag2 GMT46	PCF Hitag2	Copy PCF to GMT46		
Load Dodge EE	Load Dodge EE	Read ID Wr.Config On Ignition Read GMT46 Crack PCF		
Program GMT46	Program PCF			
Erase GMT46				
Renew	Save Dodge EE	Copy to GMT46		

Click Save Dodge EE button and save new dump file

🙆 Sprinter Dodge, Hitag2 v1.0 D0000201						
<u>U</u> pdate <u>S</u> erial Number <u>A</u> bout <u>H</u> elp						
Sprinter Dodge, Hitag2						
Dodge Hitag2						
GMT46	PCF Hitag2	Copy PCF to GMT46				
Load Dodge EE	Load Dodge EE	Read ID				
		wr.comig				
Program GMT46	Program PCF	On Ignition				
		Read GMT46				
Erase GMT46		Crack PCF				
Renew	Save Dodge EE	Copy to GMT46				

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Upload changed dump file into EIS: Run MBProg software Click File and select Open option

MultiProg v1.40.6.3							
File Edit Device Tools Help Exit							
Sive READ Write K VERIFY C ERASE CHIP TEST PIN Usecure Security	User manual						
Exit SEC	-]						
	Vcc= 5.0						
00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F 0123456789ABCDEF	Device Info						
0x000 FF	Device 9s12DG256						
0x010 FF	Size 4096						
0x020 FF	MCLUD 0033						
0x030 FF							
0x040 FF	Program Adres Range						
0x050 FF	Start Adres 000000						
OxOGO FF	End Adres 0007FF						
0x070 FF							
UXUSU FF							
UXU90 FF							
UXUAU FF							
UXUBU FF							
UXUCU FF							
OXODO FF							
USUEU FF	Programmer Information						
OXOFU FF F	SWA 1.95						
OXLOU FF	SWB 1015						
Read ID MCU ok ALL CONTRACTOR CONTRA	SWA.B v212						
Memory Config :2581	Upd.Status Ok						
unsecumg [=136, t1=164, t2=6	Date SW						
Unsecure 0k Exaction EF MC9512 Secured	SIN: /205005						
Read DK	Hu/Status Ok						
Saved backup Hie : C/UsersY-atkyMBE Vocuments/Temp/Temp/4.bin Saved File : C/UsersY-atkyMBE Voeston/Oode/dode eeptom 001	LID 629590150000006						
	023330130000000						
	-						
Read OK Jtag II Conected	smok.com.pl						

Select saved dump file and click Open

Otwieranie			
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Organizuj 🔻 🛛 Nowy fol	der		* • • • • • • • • • • • • • • • • • • •
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ConeDrive			
iCloud Drive			
😻 Zdjęcia iCloud			Podgląd niedostępny.
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Nazwa	a pliku: dodge eeprom 002.bin		■ Binary File (*.bin) ■
			Otwórz Anuluj

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Click Write button

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Put transponder in a key and run a car

