SIMON TOUCH

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Step by step Renew ESL Manual

Very important to read the professional manual before using the device.

It is also important to check the ESL via K-Line before you open it, so if its reparable you don't need to renew it, all what you have to do is to change the ESL Motor and use the ESL software to install it in the right position.

If you install the new Motor in the wrong position you will kill the ESL NEC so you have to renew the ESL.





• Turn it very slowly right and left then pull it out



• Remove the board screw



• Use a screw driver to put the ESL board from the Motor side



• Remove the ESL NEC



• Put the ESL NEC in MB NEC ESL BOARD, make sure it's clean

PS. Clean the ESL Nec, plug the Nec socket in the device, plug the USB Cable in the PC Then plug the device in the USB.



- Open the MB NEC ESL RENEW software.
- Click on Read, copy the part number/date and write them on a paper, YOU CAN ALSO USE ESL Doctor and write them by K-Line after you renew the ESL.

S NEC ES	SL Tool – 🗆 💌
SINCN -	
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Reading E MEANS FAST RENEW	Read W204 EEPROM Imitialized by Factory GF56X08R123456 Change Imitialized by Factory
ESL State: Unlocked Service Hash 8090B1A3D77F9128 Key #1 Hash D2409A5700A14905 enabled	2045455732 14/06 23.10.07 Image: Personalized ESL Virgin Initialize Write Image: Activated ESL
Key #2 Hash 3C38F619B45518FD enabled Key #3 Hash A5463899E99E5B2F enabled Key #4 Hash DCE43C3BB4C4A9D9 enabled Key #5 Hash 475D416F0945C14E enabled	Enable Blocked ESL

• Click on Initialize and wait FEW seconds to see DONE

S NEC E	SL Tool – 🗆 💌
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Service Hash 8090B1A3D77F9128	Read W204 EEPROM Vitialized by Factory
Key #7 Hash 3C38F619B45518FD enabled	GF56X08R123456 Change 🔽 Transport Protection
Key #3 hash DCE43C3BB4C4A9D9 enabled	2045455732 14/06 Done. 🔽 Personalized ESL
Key #5 Hash C2FBD49D0614125F enabled Key #6 Hash C2FBD49D0614125F enabled Key #8 Hash 758CBBE4D5FBBD3F enabled few seconds till its Done	Virgin Initialize Write Activated ESL
TP OFF Key C2E901F0EDBA7C5C correct	Enable Blocked ESL
Selial SN# 9002194180421101	For any additional information contact us at info@keyprogtools.com

• Click on Enable Blocked ESL and wait till it's written DONE

This may takes minutes or hours.



• When it's done click on read to see the ESL Status.

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Service Hash 8090B1A3D77F9128 Key #1 Hash D2409A5700A14905 enabled Key #2 Hash 3C38F619B45518FD enabled	^	Read W204 ▼ EEPROM GF56X000423456 Change	☐ Initialized by Factory
Key #3 Hash A5463899E99E5B2F enabled Key #4 Hash DCE43C3BB4C4A9D9 enabled Key #5 Hash 475D416F0945C14E enabled Key #6 Hash C2ERD49D0614125F enabled	Done	2045455732 14/06 Done.	Personalized ESL
Key #7 Hash 89114B4213BDFE3F enabled Key #8 Hash 758CBBE4D5FBBD3E enabled TP OFF Key C2E901F0EDBA7C5C correct Serial SN# 9002194180421101		Enable Blocked ESL	Activated ESL
	¥	For any additional information cont	act us at info@keyprogtools.com

• Click on write and load the 204 Factory dump

NEC E	SL Tool – 🗆 🗙
SINDN -	
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Key #8 Hash 758CBBE4D5FBBD3E disabled TP OFF Key C2E901F0EDBA7C5C correct Serial SN# B8FC19000000032	Read W204 EEPROM Initialized by Factory GF56X08°123456 Change Transport Protection
SSID: 00000000 Removing TP TP removed.	0000000000 00/00 23.10.07 Personalized ESL Virgin Initialize Write Activated ESL
Personalizing Done.	Enable Blocked ESL For any additional information contact us at info@keyprogtools.com

- Software will write
- Removing TP...
- TP removed.
- Personalizing...
- Done.
- Then write back the ESL part number/date and click on change, You can also write them by K-Line using ESL doctor software after you assemble the ESL.
- After you change the Part number/Date, click on read again you will see the original Part number/Production date.



- P.S / (ONLY) IF TP OFF/KEY data is NOT CORRECT, YOU NEED TO CLICK ON VIRGIN AND WAIT AGAIN.
- YOU WILL SEE THE ESL DISABLED, CLICK ON ENABLE AND WAIT TILL ITS DONE

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Service Hash 8770F96A10DF51E2 Key #1 Hash BE9ED5475B42D048 enabled Key #2 Hash F0624EB3FFA08552 enabled Key #3 Hash FD354F809873C4F enabled	Read W204 EEPROM Initialized by Factory Change Image Image Image
Key #4 Hash 7A6B009B1597BE63 enabled Key #5 Hash AB349BB1745620E enabled Key #5 Hash AB349BB1745620E enabled	2045458132 28/07 30.10.12 🔽 Personalized ESL
Key #6 Hash 7255F3647EA91712 enabled Key #7 Hash FDE673FDAAAD49CB enabled Key #8 Hash 0587876180E09378 enabled	Virgin Initialize Write Activated ESL
TP OFF Key C2E901F0EDBA7C5C correct NOT CORREC Serial SN# 1029113410421101	T Enable Blocked ESL Disabled ESL For any additional information contact us at info@keyprogtools.com

• Close the software, remove and solder the NEC in the PCB.

• Make sure that the hardware is on UNLOCKED position (LIKE THE PICTURE BELOW)



• It is recommended to use Grease under the Motor and the wheel.



• Put the PCB board back and make sure it's assembled correctly



• Assemble the ESL



- Plug the MB NEC STEERING DEVICE K-Line, put 12V +
- Open the MB STEERING Offline software
- Click on read



• Click on WRITE and load the 204 FACTORY dump.

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Key #3 Hash DBA2518062B23D54 enabled Key #4 Hash DBA2518062B23D54 enabled Key #5 Hash DBA2518062B23D54 enabled Key #6 Hash DBA2518062B23D54 enabled Key #7 Hash DBA2518062B23D54 enabled Key #8 Hash DBA2518062B23D54 enabled S SID: 00000000 Done.	Read W204 EE Initialized by Factory ESL is repairable Image: Constraint of the second s

- The ELV is on UNLOCKED position it will automatically be locked.
- WRITE THE UNLOCK HASHES 5D65416170B8B4CF BY HAND OR COPY FROM TEXT DOCUMENT (NOT FROM PDF MANUAL)
- Click on Unlock

8	ESL Tool – 🗆 💌
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WWW.KEYPR	ROGTOOLS.COM
Key #5 Hash DBA2518062B23D54 enabled Key #6 Hash DBA2518062B23D54 enabled Key #7 Hash DBA2518062B23D54 enabled	^
Key #8 Hash DBA2518062B23D54 enabled 1	5D65416170B8B4CF
Please provide Key hash or Dealer password2	Unlock Lock Disable 🔽 Personalized ESL
Unlocking	Write DTCs Renew C Activated ESL For any additional information contact us at
	info@keyprogtools.com ✓

- Click on read.
- Write the dealer password **5B8F0FF7F4F78A49**

• Click on RENEW, few seconds DONE

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WWW.KEYP	ROGTOOLS.COM
Key #5 Hash DBA2518062B23D54 enabled Key #6 Hash DBA2518062B23D54 enabled Key #7 Hash DBA2518062B23D54 enabled Key #8 Hash DBA2518062B23D54 enabled	Read W204 EE Image: Constraint of the sector
Renewing	Unlock Lock Disable V Personalized ESL
Done.	For any additional information contact us at info@keyprogtools.com

• Click on read to check

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SINCN.	
WWW.KEYPROG	GTOOLS.COM
ESL State Unlocked Service Hash 5B8F0FF7F4F78A49 Key #1 Hash 5B8F0FF7F4F78A49 disabled Key #2 Hash DBA2518062B23D54 disabled Key #3 Hash DBA2518062B23D54 disabled Key #6 Hash DBA2518062B23D54 disabled Key #6 Hash DBA2518062B23D54 disabled Key #7 Hash DBA2518062B23D54 disabled Key #8 Hash DBA2518062B23D54 disabled Key #8 Hash DBA2518062B23D54 disabled	 Read W204 EE Initialized by Factory ESL is repairable Transport Protection OFF Unlock Lock Disable Personalized ESL Write DTCs Renew Activated ESL For any additional information contact us at info@keyprogtools.com

• Job is done ESL is new and ready to be programmed.

P.S Hidden Defect Protection Diodes

Black traces around, it is carbon contamination from sparking DC Motor.



ENJOY 🕲

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