Alpha / AlphaPlus / Sigma

Lock replacement service instruction

Writer : LL / BASS
Date : June 2012
N° BASS-0013-A

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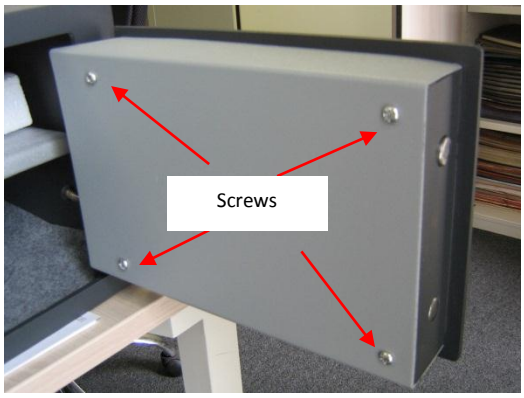
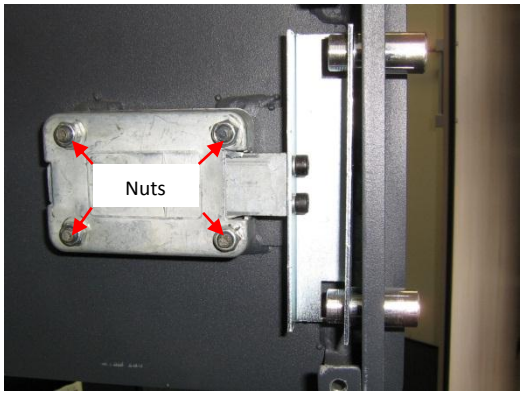
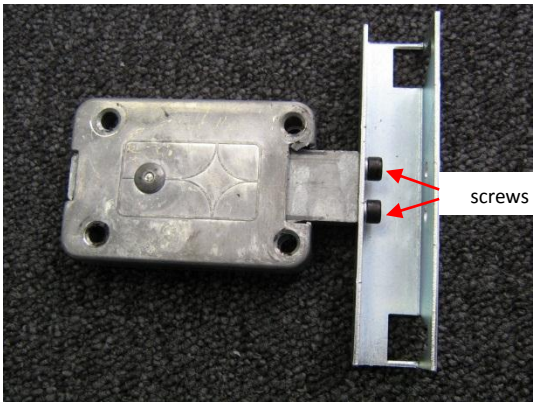
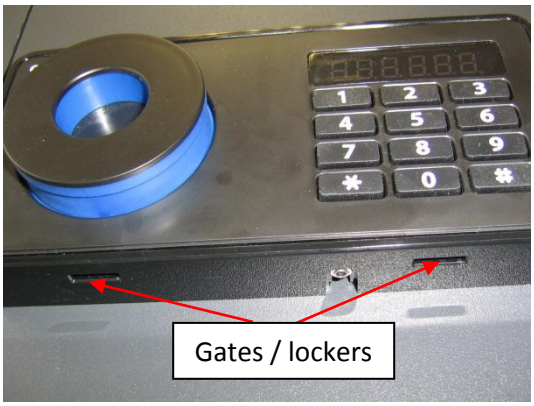
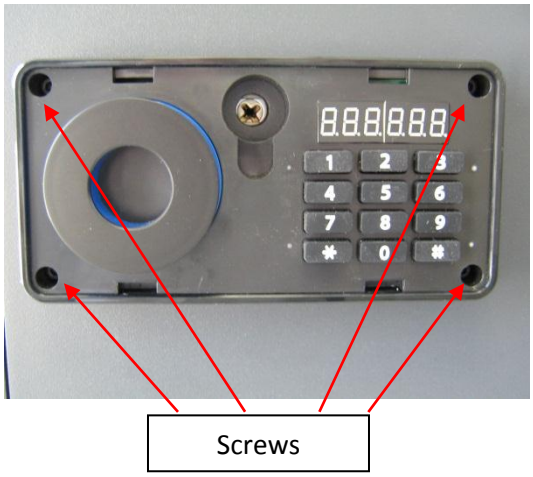
1- REPLACEMENT OF THE KEYLOCK

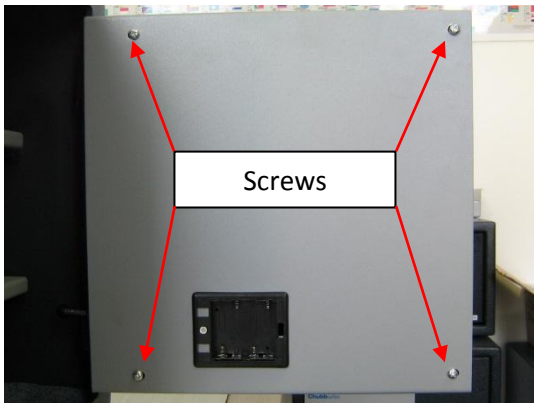
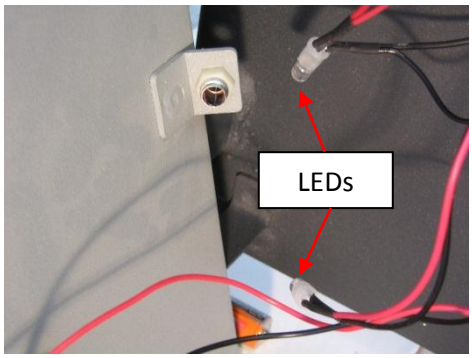
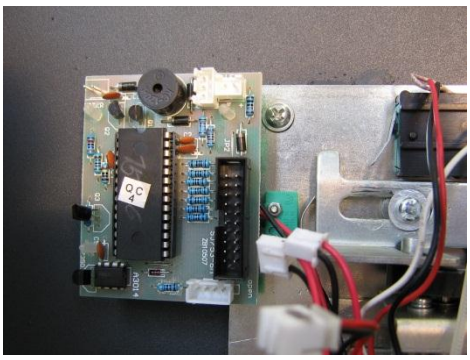
	1 – Open the door. 2 – Remove the four retaining screws of the lock case cover. 3 – Remove the lock case cover
	3- Throw the bolts (lock the lock) 4 – Remove the 4 nuts of the lock and then remove the lock and the bolt driver.
	5- Remove the 2 retaining screws of the bolt driver.

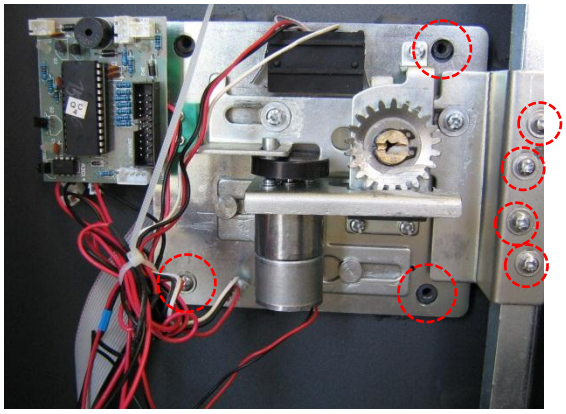
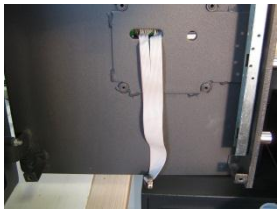
Note: To replace the lock, follow the above steeps in reverse order.

2 –REPLACEMENT OF THE ELECTRONIC COMPONENT

2.1 -Replacement of the keypad

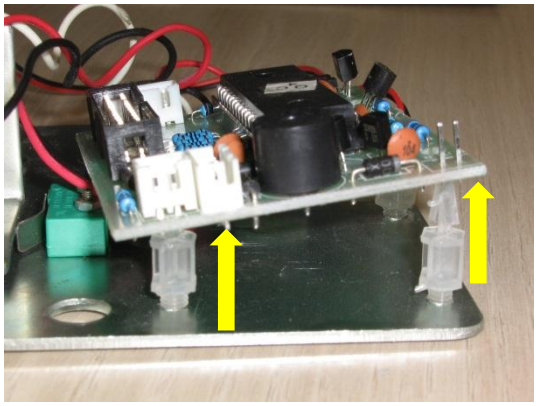
	1- Open the door of the safe 2- Open the battery compartment and then remove the 4 batteries
	2 – Using a little flat tool press in the lockers through the gates in order to release the front panel from the keypad, remove the front panel.
	3 – Remove the four M4 retaining Btr screws from the keypad and then release the keypad.

	4 – Remove the 4 retaining screws of the lock case cover and then remove the lock case cover.
	5- Release the 2 LEDs from their supports
	6- Disconnect all connectors from the PCB

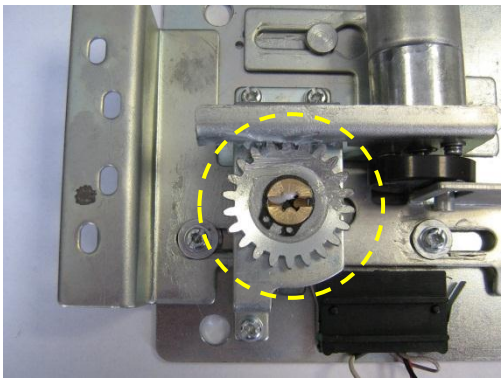
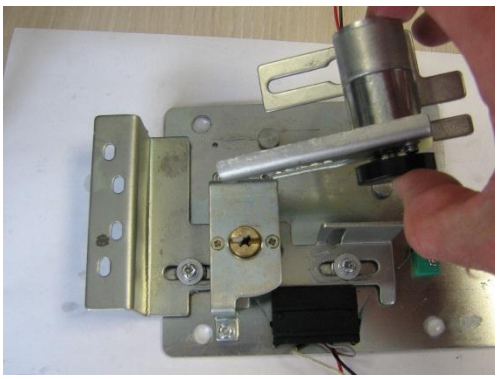
	7- Remove the 4 retaining screws of the boltwork and then the 4 screws of the main crosstrap. 8- Remove the boltwork
 	9- Remove the key pad

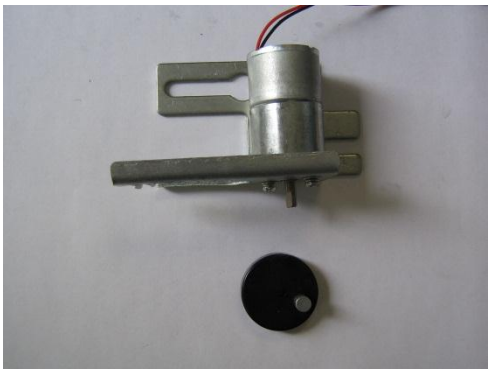
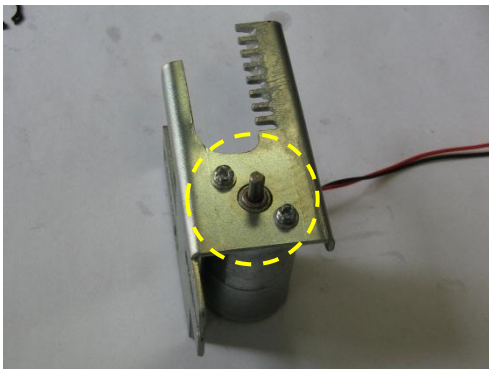
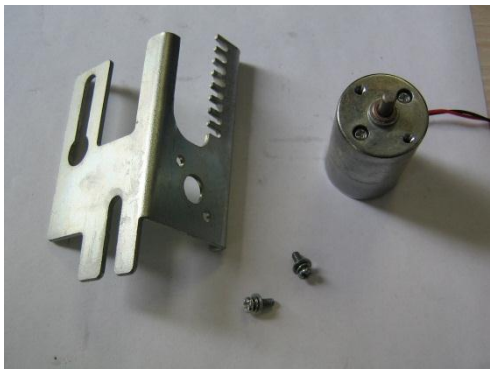
Note: To replace the keypad, follow the above steeps in reverse order.

2.2 -Replacement of the PCB

	1- Remove the boltwork by using the replacement of the keypad procedure (point 2.1) 2- Using a little clamp release the PCB from the 3 plastic pins.

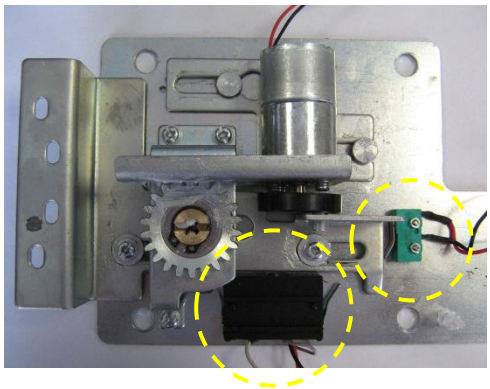
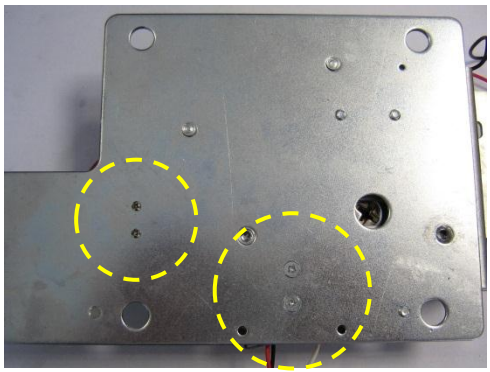
2.3 -Replacement of the motor

	1- Remove the boltwork by using the replacement of the keypad procedure (point 2.1) 2- Remove the spring ring and then the drive pignion from the boltwork.
	3- Disengage the motor from the boltwork

	4- Remove the cam from the motor
	5- Remove the 2 retaining Philips screws of the motor mounting bracket.
	6- Separate the motor from the bracket

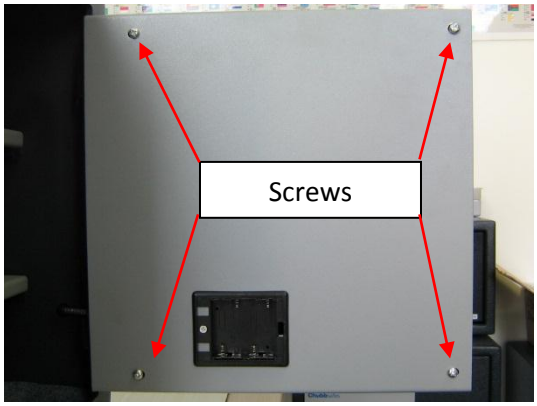
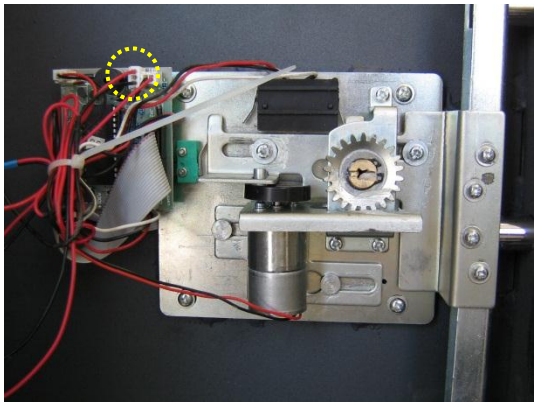
Note: To replace the motor, follow the above steeps in reverse order.

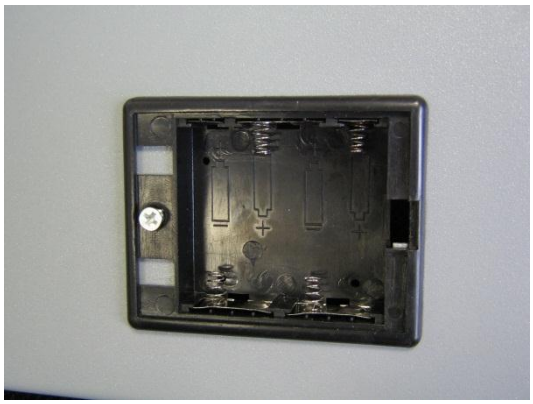
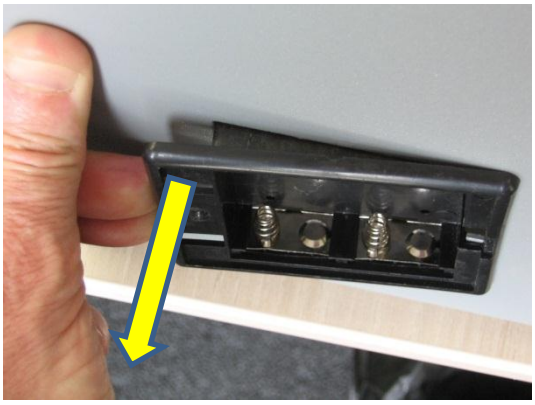
2.4 -Replacement of the limit switches

	1- Remove the boltwork by using the replacement of the keypad procedure (point 2.1) 2- Locate the defective limit switch
	3- Reverse the boltwork, and then locate and remove the 2 retaining screws of the defective switch

Note: To replace the defective switch, follow the above steeps in reverse order.

2.5 -Replacement of the housing battery box

	1- Open the door of the safe 2- Open the battery compartment and then remove the 4 batteries
	3- Remove the 4 retaining screws of the lock case cover and then remove the lock case cover.
	4- Disconnect the connector of the battery box from the PCB (close to the buzzer)

	5- Locate on the lock case cover the retaining screw of the housing battery box and then remove it
	6- Remove the lock case cover

Note: To replace the housing lock case cover, follow the above steeps in reverse order.