



**AIR OPERATED COIL-FED
*HANGER FIXING MACHINE***

MF40



OWNERS TECHNICAL MANUAL

Version 3 au 06 / 2008

MF40 - OWNERS TECHNICAL MANUAL

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TO FIX SPECIAL* HANGERS & STRUT-BACK HINGES

Model	Description	Consumption	Weight	Dimensions
MF10	FOOT OPERATED MACHINE	NIL	32 KG (71 LBS)	800 X 600 X1250 MM 32" X 24" X 50"
MF20	AIR OPERATED	2 L / CYCLE	60 KG (133 LBS)	1500 X 550 X 600 MM 60" X 22" X 24"

HANGERS & HINGES for FRAMES' BACKS

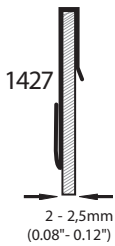
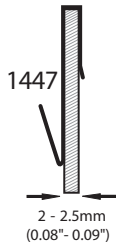
For PHOTO FRAMES, STRUT BACK FRAMES, MIRRORS...

(* Self fixing: no screws or nails needed) (Sizes are not actual)

for Volume Production Economical
(no machine needed)



1447 & 1427



Special Volume Production



1439

For Mirrors / Heavy frames



1475
To be fixed on frame's moulding
(ideal with hanging wire)



1428



For gallery hanging systems



1406

to be fixed on frame's moulding



1419

Special For Foamboard



1409

Hanger for backboards
(Special for French hanging systems)



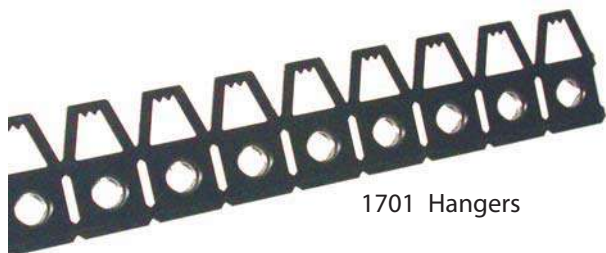
2602

for custom or volume framers

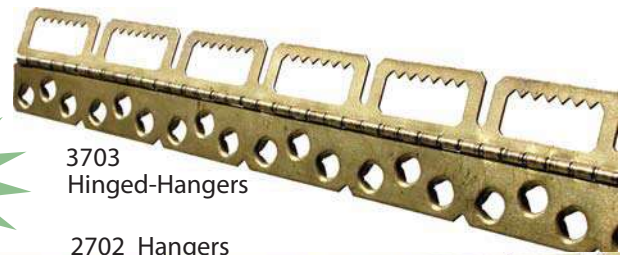


6234 & 6229

Hinges For
Strut Backs (Photo frames)



1701 Hangers



3703
Hinged-Hangers



2702 Hangers

MF 40 AIR LINE FITTINGS

Advised way of fitting :



Z 675

USA

STANDARD

**MALE CONNECTOR
on Machine**



Z 675



**quick release (Q/R)
female air connector**

Z 749



**Q/R US male
connector**

Z 701

**Standard hose
connector**

Z 556



AIR SOURCE (compressor)



INTRODUCTION

You have just purchased a Cassese MF 40 hanger fixing machine for picture frame backboards. We congratulate you for your choice and thank you for your trust in original Cassese picture framing products.

ACCESSORIES SUPPLIED WITH THE MACHINE

Référence	Qty	Désignation
Z19334	1	S/E BOX OF ACCESSORIES MF40
Z1616	4	FOOT D: 80 M 12x80 HEAVY RAL 3004
Z1882	1	ALLEN KEY 3
Z1884	1	ALLEN KEY 4
Z1885	1	ALLEN KEY 5
Z1889	1	ALLEN KEY 6
Z1896	1	TUBE OF GREASE
Z1989	1	280x220x80 CRATE
Z556	1	RIBBED NOZZLE M 9 1/4 CYL
Z6542	1	RAJAGRIP WHITE 16X22
Z701	1	US MALE CONNECTOR M 1/4 TEFLON-COATED
Z749	1	RAPID CONNECTOR F 1/4
Z8158	1	GREASE PUMP
Z9160	1	MACHINE IDENTIFICATION LABEL
Z21668	1	HANGER SEPARATOR STAMP

ACCESSORIES SUPPLIED WITH THE MACHINE

TYPE	DESIGNATION	CONSUMPTION	WEIGHT	DIMENSIONS(mm)
MF40	AUTOMATICFASTENINGMACHINE	21 per cycle	120 Kg	L:1500 / P: 650 / H: 1360

PRESSURE USED: 6 BARS

KITS PRESSURE HEAD/SEPARATOR/STAMP



Z19290	MULTI-FIX	S/A PRESSURE HEAD + S/A SEPARATOR+ STAMP FOR 1701
Z19291	MULTI-FIX	S/A PRESSURE HEAD + S/A SEPARATOR+ STAMP FOR 2702
Z19292	MULTI-FIX	S/A PRESSURE HEAD + S/A SEPARATOR+ STAMP FOR 3703

WARRANTY

The MF40 is guaranteed one year for parts and labour against manufacturing defects. Worn parts or those damaged as a result of non-compliance with instructions in the present manual are excluded from the guarantee.

UNPACKING-INSTALLATION-OPERATION

Since the MF40 weighs 120 Kg, we strongly advise that at least 2 people assist with its installation.

1



With a Phillips screwdriver, remove the 8 screws located on the 4 sides at the bottom of the crate. Remove the crate by lifting the top.

2



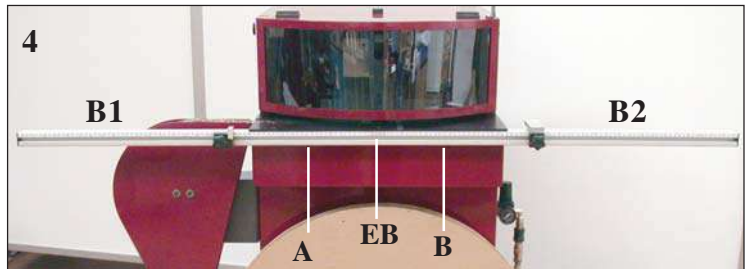
The MF40 is attached to its transport pallet with 4 screws, located underneath. Remove them using a 10 mm Allen key (not supplied).

3

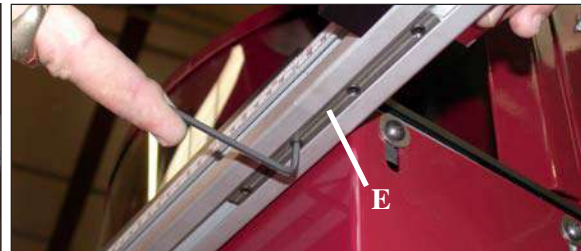
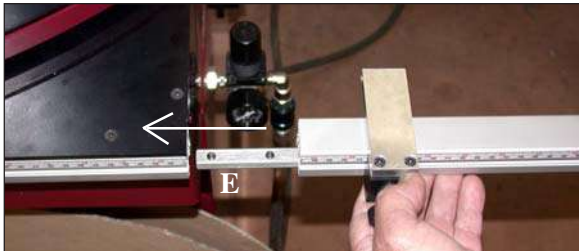


After placing the MF40 machine on the floor, install the 4 feet, with 1 washer under each foot, and B. Attach arms B1 and B2 with the fishplates E by leaning the machine to one side. Make sure the machine is level.

4



Then install the stop/ruler fitting EB using 2 screws, A, and B. Attach arms B1 and B2 with the fishplates E by leaning the machine to one side. Make sure (supplied).



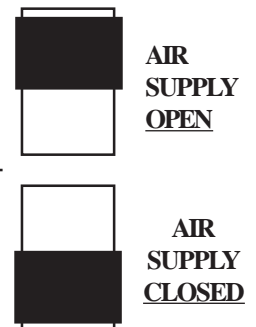
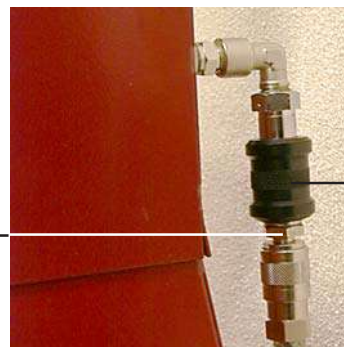
CONNECTING TO COMPRESSED AIR

Use a Ø 8 mm (internal diameter) hose adapted to the maximum source pressure. Characteristics of the source: dry air, no lubrication, minimum 6 bars.

Connecting to machine: SEE PAGE A.



EU-USA
Nozzles
Supplied

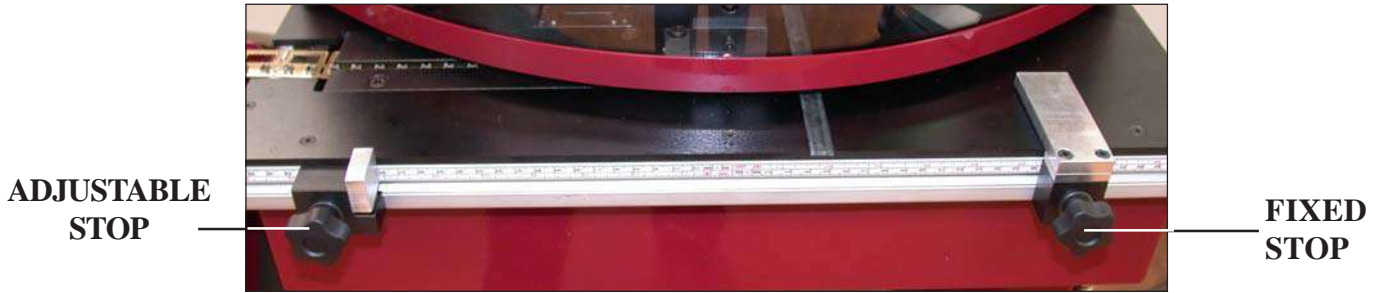


IMPORTANT : Opening the safety hood automatically stops the machine.

ELECTRICAL CONNECTIONS

Connect the MF40 to a 220 Volt grounded outlet.

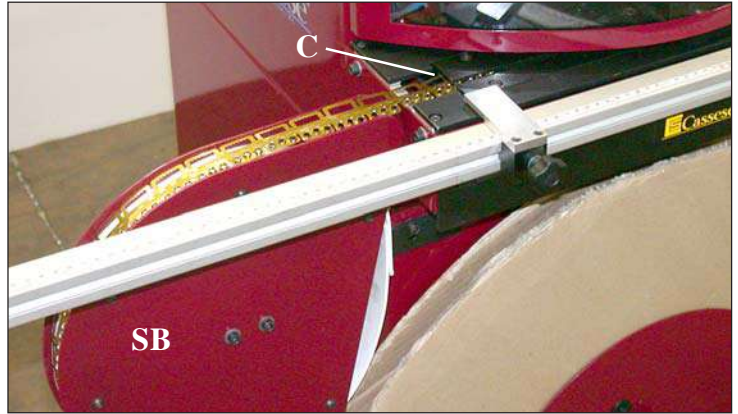
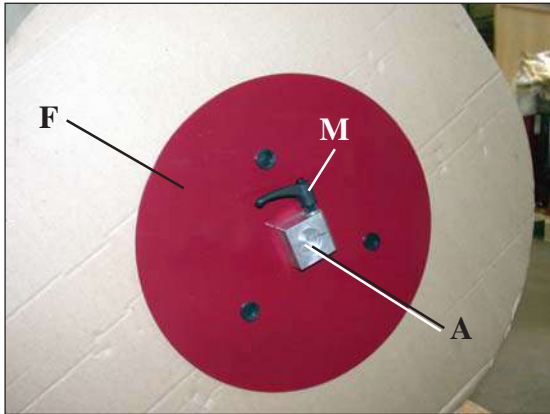
SETTING THE STOPS



Place the fixed stop on the right hand arm and the removable stop on the left hand arm or vice-versa.

LOADING THE HANGER COIL

OPEN THE PROTECTIVE COVER

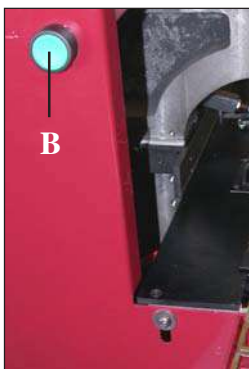


Release lever M and remove plate F. Place the coil of hangers on pin A so that the hangers are facing the direction indicated opposite. Replace plate F on pin A against the coil of hangers. Block lever M. Unroll the coil to engage it on support (SB).

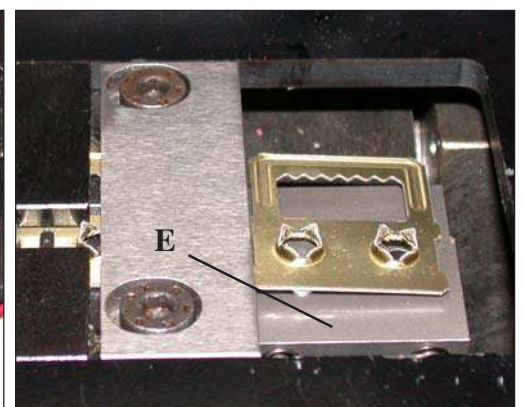
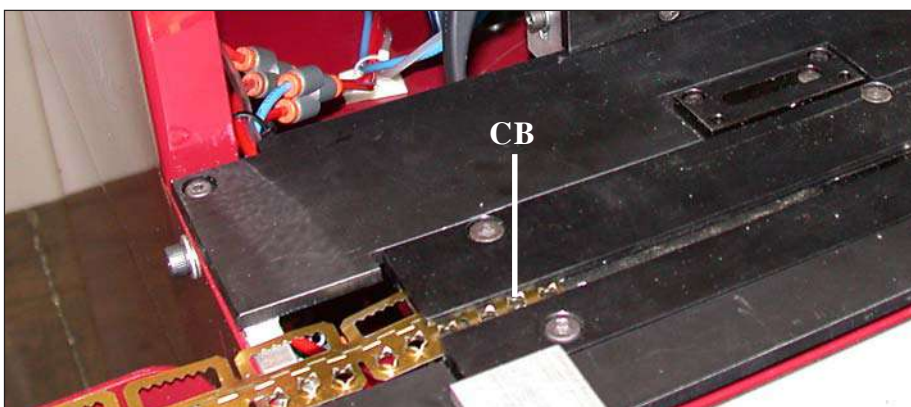
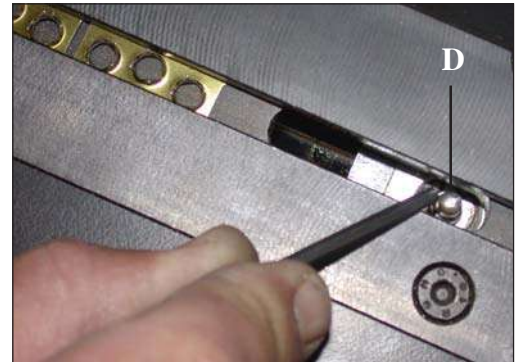


Position of the hangers on support SB

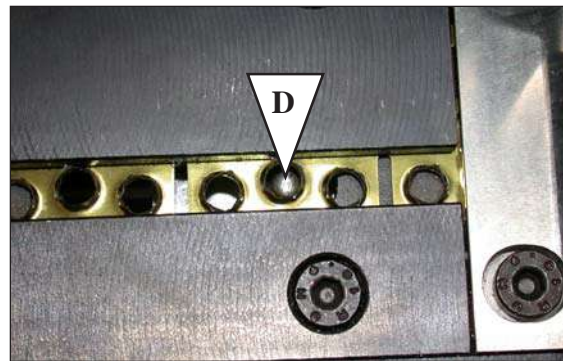
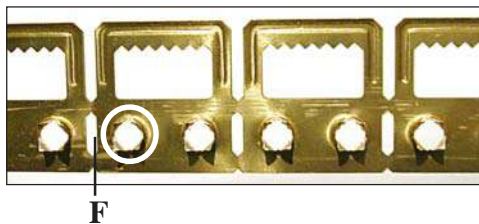
LOADING THE HANGER COIL



The hanger coil is positioned in the strip holder CB when the safety hood is opened. While pressing down on button B, push feed pin D downwards with an Allen key, then slide the strip of hangers (using an Allen key placed in one of the rosette holes) in the strip holder (CB) until it reaches pressure head E.



The feed pin (D) should always be positioned:
 - In the rosette O, located to the right of slot F, for 2-hole hangers.
 - In the central rosette for 3-hole hangers.

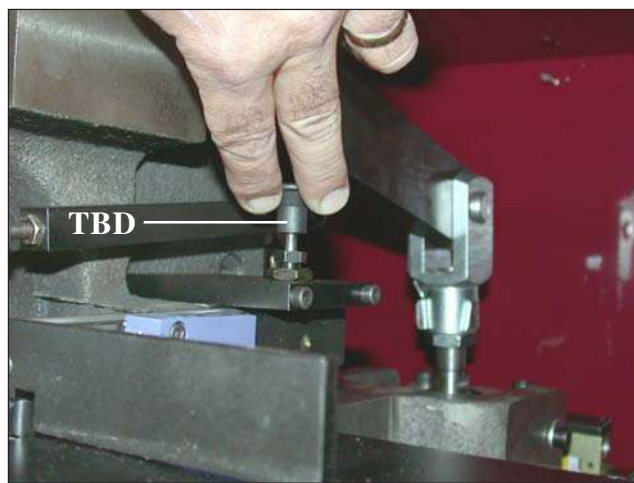
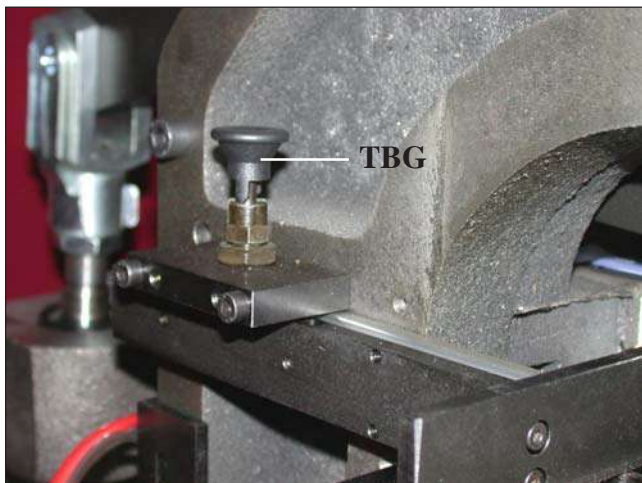


POSITION (OPERATOR VIEW)

Once the pin and rosette have been aligned, release button B: the feed pin rises and is lodged in the rosette.

ADJUSTMENTS

1) ADJUSTING THE ATTACHMENT DEPTH



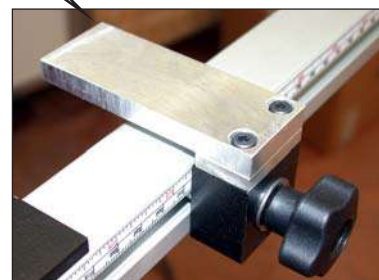
Lift and turn the left block TBG 45°. This blocks it in the upper position. While lifting block TBD, position the depth bar on the appropriate setting. Release TBD and unblock TBG.

2) ADJUSTING LENGTH/WIDTH CENTRING



Loosen the left block and move the right side to the desired position. This measurement should correspond to half the width of the frame backing.

Loosen the right block and move the left side to the desired position. This measurement should correspond to half the length of the frame backing.



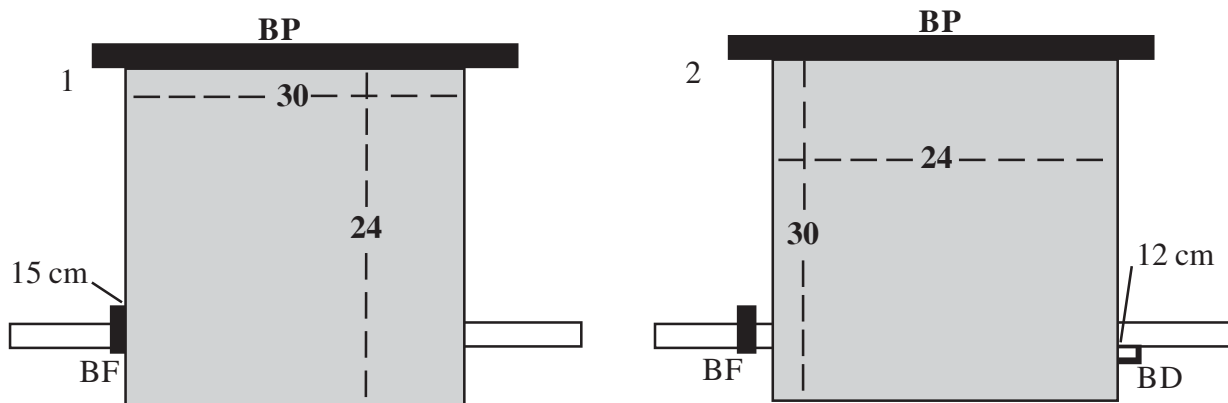
OPERATION

IMPORTANT: MAXIMUM THICKNESS OF THE FRAME BACK=6 mm

SAFETY: The hood is a key safety feature. It is strictly forbidden to remove it or use the machine without it . It is equipped with a cam that triggers clamping when there is less than 8 mm between the table and the hood. Thus, clamping is prevented when the operator's hand is under the hood.

1) USE OF STOPS (AIR SUPPLY OFF)

The fixed/adjustable stops and the depth bar can be used to memorise fastening positions on the long and short sides of the frame back.



(Figure 1) Position the 30 cm side of the frame backing firmly against the depth bar BP and against the right side of fixed stop BF, set at 15 cm . The back of the frame overlaps the adjustable stop, which under pressure from the board turns to the «open» position. (Fig 2) Then place the 24 cm side to the left of adjustable stop BD, set at 12 cm, and press against the depth bar.

2) ATTACHING HANGERS (AIR PRESSURE ON)

The safety hood is closed.

The head is in the fasten position and the feed pin is in the appropriate rosette. A hanger is attached by pressing the trigger with the frame backing. You can start with either side, as long as you use the Fixed Stop (15 cm) for the width and the Adjustable Stop (12 cm) for the height as in the example.

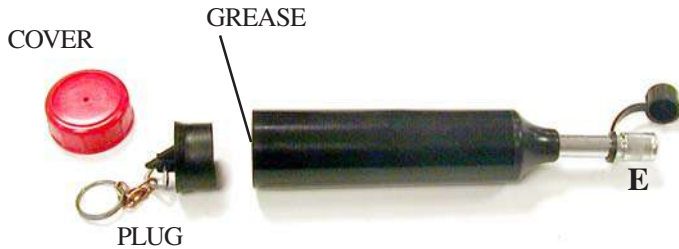


MAINTENANCE

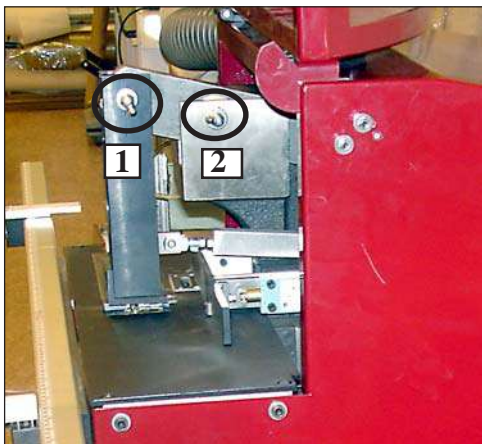
BEFORE ANY MAINTENANCE WORK, MAKE SURE THE MACHINE IS UNPLUGGED AND THE AIR SUPPLY IS SHUT OFF

PREVENTIVE MAINTENANCE (Lubrication: Once every 6 months)

HOW TO USE THE GREASE PUMP



Remove the cover and then pull the ring to remove the plug. Fill the pump reservoir with grease (tube supplied with the machine). Replace the cap inside the reservoir.

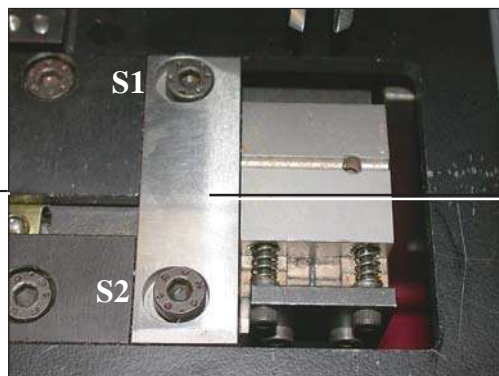


Apply tip E of the pump to each of the areas requiring lubrication (1, 2) then press the tip to release the grease

CHANGING TOOLS



- 1) Fold the pressure head P away from the worktable, after dismantling the AC pin/clip assembly.
- 2) Dismantle the Separator by removing the 2 screws S1 and S2 with the 4 mm Allen key.



Separator