

Easy Line

SERVICE & MAINTENANCE MANUAL

Rev. 1.1



The information contained in this manual is intended for **QUALIFIED TECHNICIANS** who have completed a specific **TECHNOGYM** training course and are authorized to perform machine start-up and adjustment procedures as well as extraordinary maintenance or repairs which require a thorough knowledge of the machine, its operation, its safety devices and working procedures.

**CAREFULLY READ THE INFORMATION CONTAINED IN
THIS MANUAL BEFORE PERFORMING ANY MAINTENANCE
PROCEDURES ON THE MACHINE**



**DANGEROUS VOLTAGES
PRESENT EVEN WHEN THE
MACHINE IS TURNED OFF**

NOTE

The information contained in this document is subject to change without notice.

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Contents

1. GENERAL NOTICES	1.1
1.1. INTRODUCTION	1.1
1.2. RECOMMENDATIONS	1.1
1.3. GENERAL RULES FOR REPAIR PROCEDURES	1.2
2. TECHNICAL CHARACTERISTICS	2.1
2.1. PRODUCT CODING.....	2.1
2.2. EQUIPMENTS: MECHANICAL CHARACTERISTICS	2.2
2.2.1. MC01 – Squat.....	2.2
2.2.2. MC05 – Abductor / Adductor	2.2
2.2.3. MC15 – Shoulder Press / Lat Pull.....	2.3
2.2.4. MC20 – Chest / Back.....	2.3
2.2.5. MC30 – Leg Extension / Leg Curl	2.4
2.2.6. MC50 – Leg Press	2.4
2.2.7. MC55 – Bicep / Tricep	2.5
2.2.8. MC65 – Abdominal / Back	2.5
2.2.9. MC70 – Pec Dec / Fly.....	2.6
2.3. AMBIENT SPECIFICATIONS	2.6
2.4. CONFORMITY TO REGULATIONS	2.6
3. INSTALLING AND MOVING THE MACHINES.....	3.1
3.1. SPECIFICATIONS AND REQUIREMENTS.....	3.1
3.2. INSTALLING THE MACHINE.....	3.1
3.3. MOVING	3.2
4. ACCESSORIES.....	4.1
4.1. PAD HOLDER.....	4.1
4.2. SET 9 STEPS	4.1
4.3. STEP	4.2
5. WHAT IF ...	5.1
5.1. THE MACHINE IS NOT FLAT	5.1
6. HOW TO DISASSEMBLE THE ...	6.1
6.1. MOVING WHEELS.....	6.1
6.2. ADJUSTABLE FOOT	6.2
6.3. HYDRAULIC PISTON	6.3
6.4. SEAT UPHOLSTERY	6.4
6.5. BACKREST UPHOLSTERY (TYPE 1).....	6.5
6.6. BACKREST UPHOLSTERY (TYPE 2).....	6.6
6.7. BACKREST UPHOLSTERY (TYPE 3).....	6.7
6.8. BACKREST UPHOLSTERY ON ABDOMINAL / BACK AND KNEEREST ON LEG EXTENSION / LEG CURL.....	6.8
6.9. SHOULDER REST UPHOLSTERY ON ABDOMINAL / BACK.....	6.9
6.10. SHOULDER REST UPHOLSTERY ON SQUAT.....	6.10
6.11. ELBOW REST UPHOLSTERY ON BICEP/TRICEP	6.11
6.12. UPHOLSTERY ON PEC DECK / FLY AND ABDUCTOR / ADDUCTOR	6.12
6.13. ROLLERS UPHOLSTERY ON LEG EXTENSION / LEG CURL	6.13
6.14. LEVER CONNECTING CABLE ON PEC DECK / FLY AND ABDUCTOR / ABDUCTOR	6.14
6.15. SQUAT LEVER	6.16
6.16. ABDUCTOR / ABDUCTOR AND PEC DECK / FLY LEVER.....	6.17
6.17. SHOULDER PRESS / LAT PULL LEVER	6.18
6.18. CHEST / BACK LEVER.....	6.19
6.19. LEG EXTENSION / LEG CURL LEVER	6.20

6.20. LEG PRESS LEVER	6.21
6.21. ABDOMINAL LEVER.....	6.22
6.22. BICEP/TRICEP LEVER	6.23
7. SPECIAL OPERATIONS	7.1
8. MAINTENANCE	8.1
8.1. DAILY MAINTENANCE OPERATIONS	8.1
8.1.1. <i>Cleaning upholstery</i>	8.1
8.1.2. <i>Cleaning the frame and painted parts</i>	8.1
8.2. MONTHLY MAINTENANCE OPERATIONS	8.2
8.2.1. <i>Check the cables</i>	8.2
8.2.2. <i>Check the hydraulic pistons</i>	8.2
8.2.3. <i>Checking the upholstery</i>	8.2
8.2.4. <i>Checking various rubber parts</i>	8.2
8.3. TWICE-YEARLY MAINTENANCE OPERATIONS	8.3
8.3.1. <i>Check the cam group</i>	8.3
8.3.2. <i>Screw and bolt check</i>	8.3
8.3.3. <i>Checking for mechanism play</i>	8.3
9. APPENDIX.....	9.1
9.1. UPHOLSTERY	9.1
9.2. PISTONS	9.1
9.3. TOOLS TO USE	9.2

1. GENERAL NOTICES

1.1. INTRODUCTION

This document is reserved for Technogym Service technicians, and is intended to provide authorized personnel with the necessary information to correctly carry out repairs and maintenance. A thorough knowledge of the technical information contained in this manual is essential for completing the professional training of the operator.

In order to facilitate consultation, the paragraphs are accompanied by schematic drawings which illustrate the procedure being described.

This manual contains notices and symbols which have a specific meaning:



WARNING: non observance may result in accident or injury.



ATTENTION: non observance may cause damage to the machine.



Information about the operation in progress.



OBSERVE: observation about the operation in progress.

1.2. RECOMMENDATIONS

Technogym recommends the following steps for planning repair procedures:

- Carefully evaluate the customer's description of the machine malfunction and ask all the necessary questions to clarify the symptoms of the problem.
- Clearly diagnose the causes of the problem. This manual provides the fundamental theoretical basis, which must then be integrated by personal experience and attendance at the training courses periodically offered by Technogym.
- Rationally plan the repair procedure so as to minimize the downtime necessary for procuring spare parts, preparing tools, etc.
- Access the component to be repaired, avoiding any unnecessary operations. In this regard it will be useful to refer to the disassembly sequence described in this manual.

1.3. GENERAL RULES FOR REPAIR PROCEDURES

1. Always mark any parts or positions which may be confused with each other at the time of reassembly.
2. Use original Technogym spare parts and lubricants of the recommended brands.
3. Use special tools where specified.
4. Consult the Technical Newsletters, which may contain more up-to-date information on adjustments and maintenance than those contained in this manual.
5. Before starting the repair procedure, make sure that the recommended tools are available and in good condition.
6. For the procedures described in this manual, use only the specified tools.

 OBSERVE: The tool sizes quoted in this manual are expressed in mm.

2. TECHNICAL CHARACTERISTICS

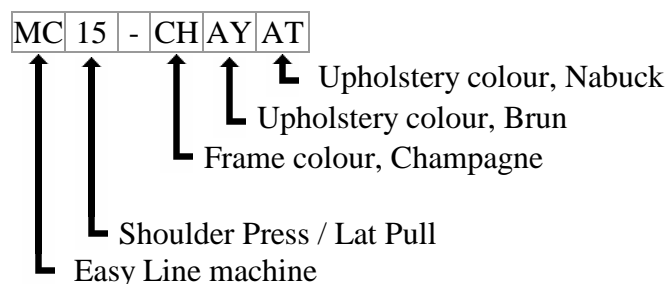
The Easy Line machine code is a sequence of 10 alphanumeric characters arranged as follows:

EASY LINE		
Characters	description	key to values
1,2	Element Line	MC = Easy Line machine
3,4	Machine code	See paragraph 2.1. "Product coding"
-		
5,6	Frame colour	CH = Champagne
7,8	Upholstery colour	AY = Brun
9,10	Upholstery colour	AT = Nabuck

For example, a possible product code would be:

MC15-CHAYAT

which is interpreted as follows:



2.1. PRODUCT CODING


The following table show the codes valid for the machine of Easy line.

Codice	Macchina
01	Squat
05	Abductor / Adductor
15	Shoulder Press / Lat Pull
20	Chest / Back
30	Leg Extension / Leg Curl


Codice	Macchina
50	Leg Press
55	Bicep / Tricep
65	Abdominal / Lower Back
70	Pec Deck / Fly

2.2. EQUIPMENTS: MECHANICAL CHARACTERISTICS


2.2.1. MC01 – SQUAT

MC01 - Squat	
	
Dimensions	180 x 78 x 130 cm
	70.8 x 30.7 x 51.1 in
Overall weight	65 Kg – 143.3 lbs


2.2.2. MC05 – ABDUCTOR / ADDUCTOR

MC05 – Abductor / Adductor	
	
Dimensions	140 x 78 x 143 cm
	55.1 x 30.7 x 56.2 in
Overall weight	49 Kg – 108 lbs

2.2.3. MC15 – SHOULDER PRESS / LAT PULL

MC15 – Shoulder Press / Lat Pull	
	
Dimensions	97 x 78 x 187 cm
	38.1 x 30.7 x 73.6 in
Overall weight	48 Kg – 105.8 lbs

2.2.4. MC20 – CHEST / BACK

MC20 – Chest / Back	
	
Dimensions	121 x 82 x 127 cm
	47.6 x 32.2 x 49.9 in
Overall weight	44 Kg – 97 lbs

2.2.5. MC30 – LEG EXTENSION / LEG CURL

MC30 – Leg Extension / Leg Curl	
	
Dimensions	149 x 111 x 150 cm
	58.6 x 43.7 x 59 in
Overall weight	52 Kg – 114.6 lbs


2.2.6. MC50 – LEG PRESS

MC50 – Leg Press	
	
Dimensions	203 x 78 x 137 cm
	79.9 x 30.7 x 53.9 in
Overall weight	80 Kg – 176.3 lbs


2.2.7. MC55 – BICEP / TRICEP

MC55 – Bicep / Tricep	
	
Dimensions	112.6x 63 x 113.6 cm 45 x 25 x 45 in
Overall weight	41 Kg – 90 lbs

2.2.8. MC65 – ABDOMINAL / BACK

MC65 – Abdominal / Back	
	
Dimensions	130 x 111 x 113 cm 51.1 x 43.7 x 44.4 in
Overall weight	53 Kg – 116.8 lbs

2.2.9. MC70 – PEC DEC / FLY

MC70 – Pec Deck / Fly	
	
Dimensions	95 x 122 x 127 cm
	37.4 x 48 x 49.9 in
Overall weight	52 Kg – 114.6 lbs



The dimensions are “length x width x height” related to the user in exercise position.

2.3. AMBIENT SPECIFICATIONS

Temperature	Operating	from 5° to 35° C
	Storage	from -20 to 55° C
Humidity	Operating	from 30% to 80% non-condensing
	Storage	from 5% to 85% non-condensing

2.4. CONFORMITY TO REGULATIONS

The machine conforms to the following directives:

Directive	Europe	USA
Machinery directive	98/37/CEE	-
Mechanical safety	EN 957-1 EN 957-2	

3. INSTALLING AND MOVING THE MACHINES

3.1. SPECIFICATIONS AND REQUIREMENTS

For proper installation of the equipment, make sure that:

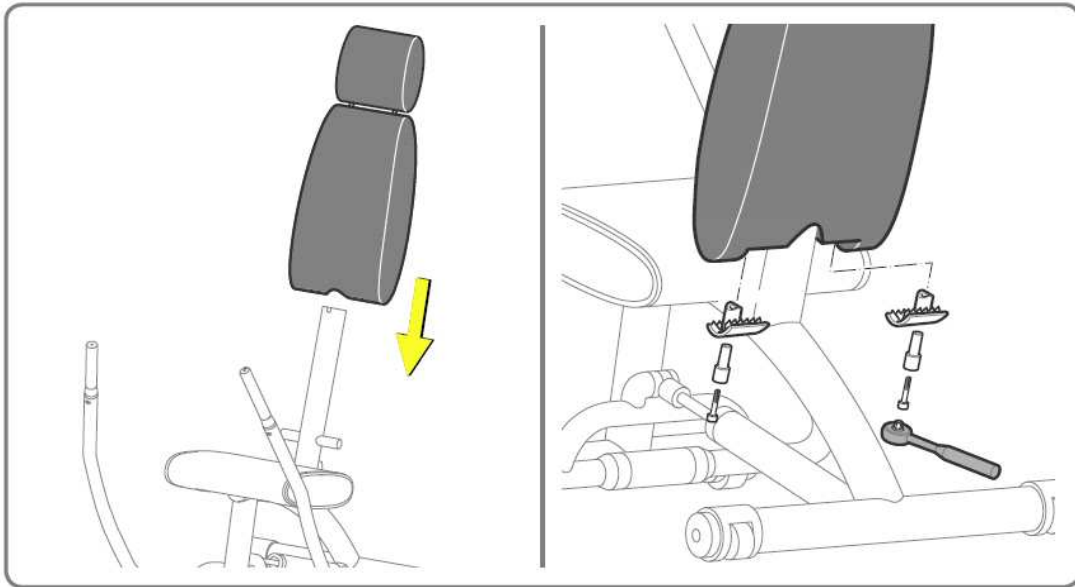
1. The equipment is installed on a level, vibration-free surface with a sufficient capacity to support its weight plus that of the user.
2. The area is not dusty or sandy.
3. You have observed the temperature and humidity operating requirements indicated in paragraph 2.3. “Ambient specifications”.

3.2. INSTALLING THE MACHINE



Figure 3.2-1

1. The machine is supplied partially assembled on a wooden pallet, wrapped in nylon bag and packed in a carton.
2. To move the machine, it is necessary to use a pallet truck or fork lift truck.
3. Remove the carton, the nylon bag and the fixing straps which secure the machine on the pallet.
4. Place the machine where it will be used, moving it on its rear wheels.
5. Assemble the backrest on the machine as shown in the figure below.



3.3. MOVING

For proper movement of the machines, lift it up on the rear wheels, indicated by the arrows in picture here below.



Figure 3.3-1

4. ACCESSORIES

4.1. PAD HOLDER

A “Pad holder”, to store the adjusting pad provided with the Leg Extension / Leg Curl and Leg Press (see the figure below) is available as an accessory.

The order codes for these accessories is **A0000319**.



4.2. SET 9 STEPS

A complete set of 9 steps to be used with the Easy Line circuit for exercises between one machine and the next, is available as an accessory.

The order codes for these accessories is **A0000358-GD**.



This code has only to be used when ordering a complete circuit of 9 Easy Line machines.

4.3. STEP

A step to be used with the Easy Line circuit for exercises between one machine and the next, is available as an accessory.

The order codes for these accessories is **A0000281**.



5. WHAT IF ...

5.1. THE MACHINE IS NOT FLAT

To level the machine, you may adjust the height of the levelling foot as illustrated below:

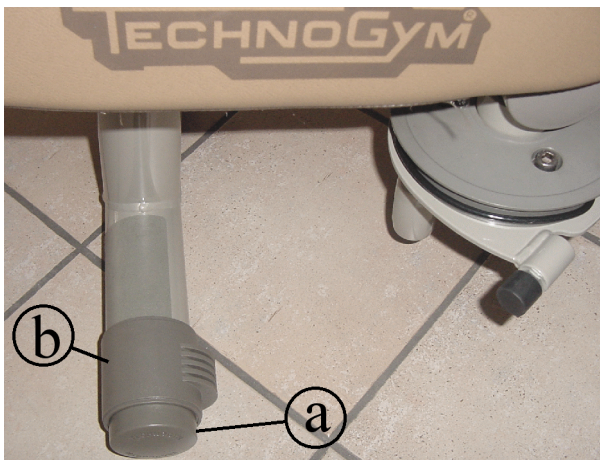


Figure 5.1-1

1. Lift the machine on one side.
2. Back off the plastic cap **a**.
3. Rotate the adjustable foot body **b**, on the internal toothed foot support, until the machine is flat.
4. Lock down the cap **a** again.

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6. HOW TO DISASSEMBLE THE ...

6.1. MOVING WHEELS



This operation applies to all the machines



Figure 6.1-1

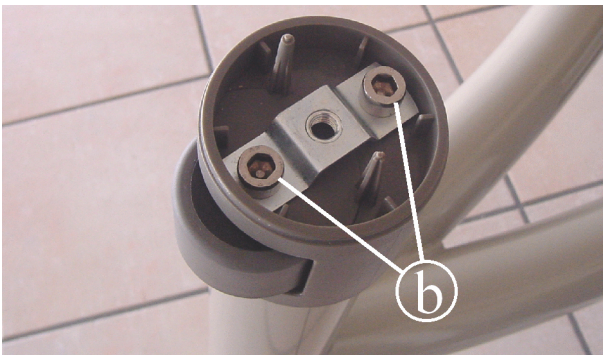


Figure 6.1-2



Figure 6.1-3

1. Turn the machine over on its side.
2. Back off and remove the cap **a**.

3. Back off the screws **b**, using a 6-mm hex wrench.
4. Remove all the wheel assembly from the frame tube.

To reassemble the wheel assembly, carry out the above steps in reverse order, tacking care to insert the two spacers of the figure to side.

6.2. ADJUSTABLE FOOT



This operation applies to Squat, Adductor / Abductor, Bicep / Tricep, Shoulder Press / Lat Pull, Chest / Back, Leg Extension / Leg Curl and Pec Deck / Fly

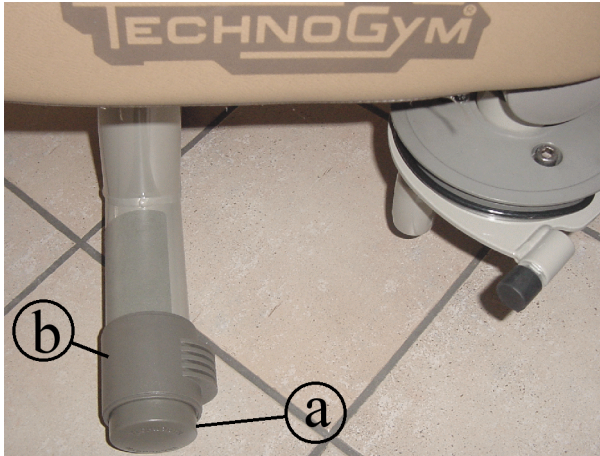


Figure 6.2-1

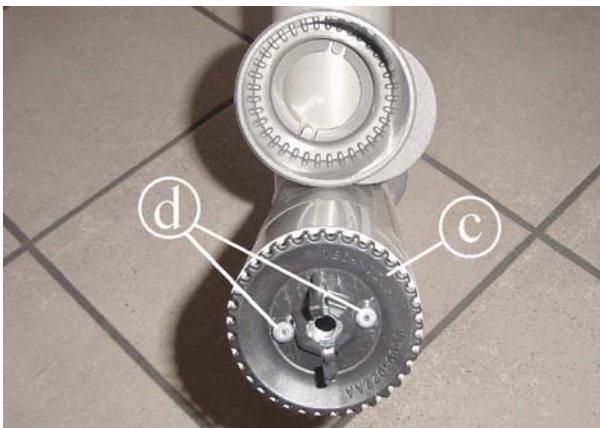


Figure 6.2-2

1. Turn the machine over on its side.
2. Back off and remove the cap **a**.
3. Remove adjustable foot **b**.

4. To disassemble the foot support **c**, remove the two rivets **d**.

To reassemble the adjustable foot, carry out the above steps in reverse order, tacking care to insert the foot **b** taking care the machine is flat.

6.3. HYDRAULIC PISTON



This operation applies to all the machines.

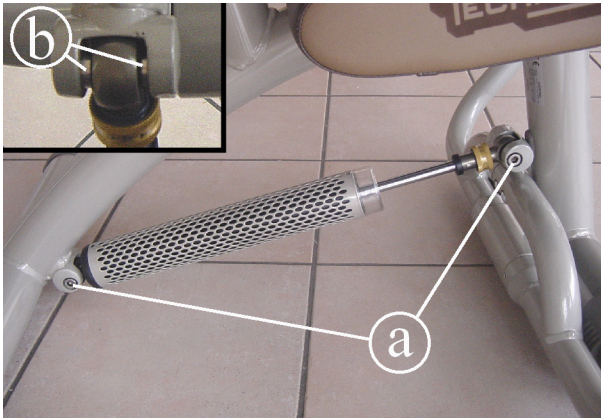


Figure 6.3-1

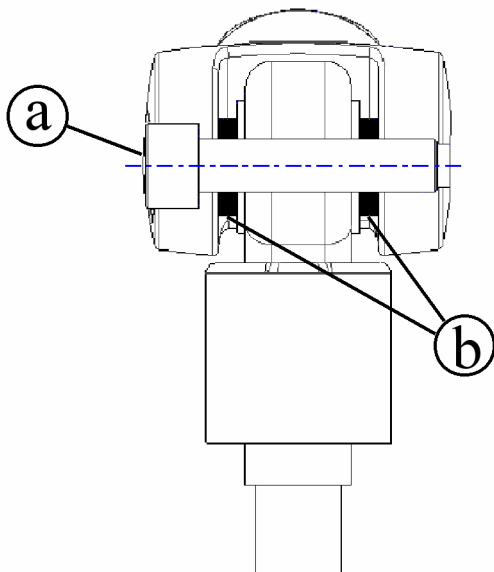


Figure 6.3-2

1. Pull the shock absorber to the fully extended position.
2. Back off the 2 screws **a** using an 8-mm hex wrench.
3. Remove the hydraulic piston, paying attention to the two spacers **b**.

To reassemble the shock absorber, carry out the disassembly steps in reverse order.



Make sure that:

- The two spacers “b” are inserted into the spot facings on the ball joint.
- The shock absorber eyelet is at the centre of the seat in the hub.
- The head of screw “a” is flush with the outer face of the hub.

6.4. SEAT UPHOLSTERY



This operation applies to all the machines.

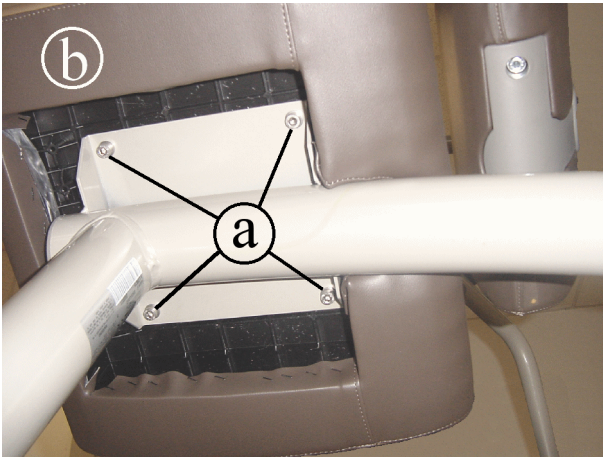


Figure 6.4-1

1. Back off the 4 screws **a**, from the lower side of the machine, using a 6-mm hex wrench
2. Remove the seat upholstery **b**.

To reassemble the seat upholstery, carry out the above steps in reverse order.

6.5. BACKREST UPHOLSTERY (TYPE 1)



This operation applies to Adductor / Abductor, Chest / Back, Leg Extension / Leg Curl, Leg Press and Pec Deck / Fly.



Figure 6.5-1

1. Back off the 2 screws **a** using a 6-mm hex wrench, in the lower side of the backrest upholstery.
2. Remove the screws and the plastic support of the square in the figure to side.
3. Remove the backrest upholstery from the top.

To reassemble the backrest upholstery, carry out the above steps in reverse order.

6.6. BACKREST UPHOLSTERY (TYPE 2)



This operation applies to Squat.

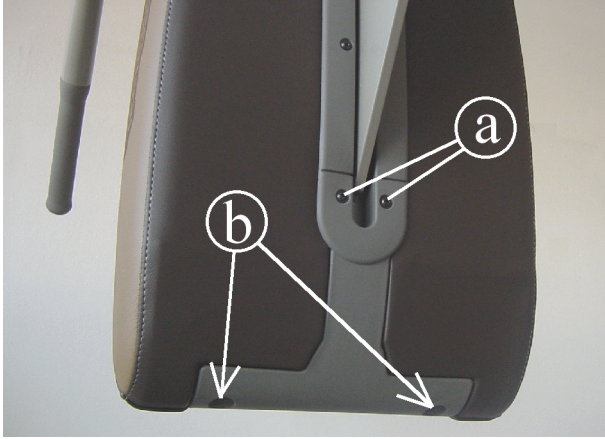


Figure 6.6-1

1. Back off the 2 screws **a** using a medium Phillips screwdriver, in the rear side of the backrest upholstery.
2. Remove the screws **b** using a 6-mm hex wrench and the plastic support of the figure to side.
3. Remove the backrest upholstery from the top.

To reassemble the backrest upholstery, carry out the above steps in reverse order.

6.7. BACKREST UPHOLSTERY (TYPE 3)



This operation applies to **Shoulder Press / Lat Pull**.



Figure 6.7-1

1. Back off the 2 screws **a** using a 8-mm hex wrench, in the rear side of the backrest upholstery.
2. Remove the screws **b** using a 6-mm hex wrench and the plastic support of the figure to side.
3. Remove the backrest upholstery from the top.

To reassemble the backrest upholstery, carry out the above steps in reverse order.

6.8. BACKREST UPHOLSTERY ON ABDOMINAL / BACK AND KNEEREST ON LEG EXTENSION / LEG CURL



This operation applies to Abdominal / Back.

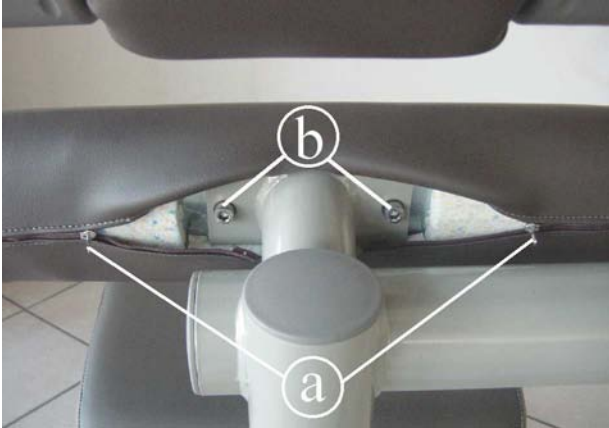


Figure 6.8-1

1. Open the 2 zip **a**, placed on the rear side of the upholstery.
2. Back off the 2 screws **b** using a 6-mm hex wrench.
3. Remove the backrest upholstery

To reassemble the upholstery, carry out the above steps in reverse order.

6.9. SHOULDER REST UPHOLSTERY ON ABDOMINAL / BACK

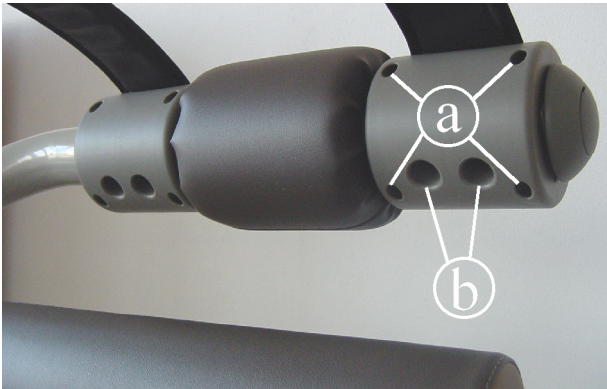


Figure 6.9-1

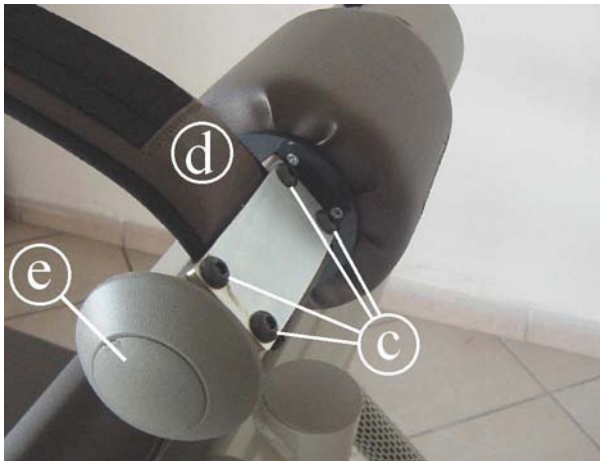


Figure 6.9-2

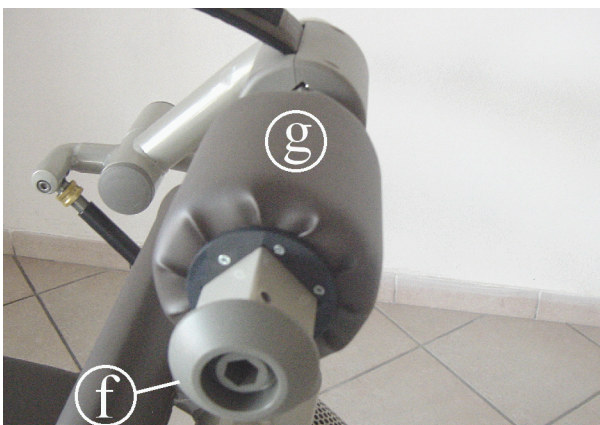


Figure 6.9-3

1. Back off the 4 screws **a** using a medium Phillips screwdriver and remove the upper plastic housing.
2. Back off the 2 screws **b** using a 5-mm hex wrench and remove the lower plastic housing.

3. Back off the 4 screws **c** using a 5-mm hex wrench, remove the shoulder rest upholstery **d** and its fixing plate.
4. Remove the cap **e** using a small flat screwdriver.

5. Back off the plastic cap **f** using a 17-mm hex wrench.
6. Pull out the roller upholstery **g** from the lever tube.
7. Carry out the steps from 1 to 4, on the right shoulder rest too.

To reassemble the shoulder rest lever, carry out the above steps in reverse order.

6.10. SHOULDER REST UPHOLSTERY ON SQUAT

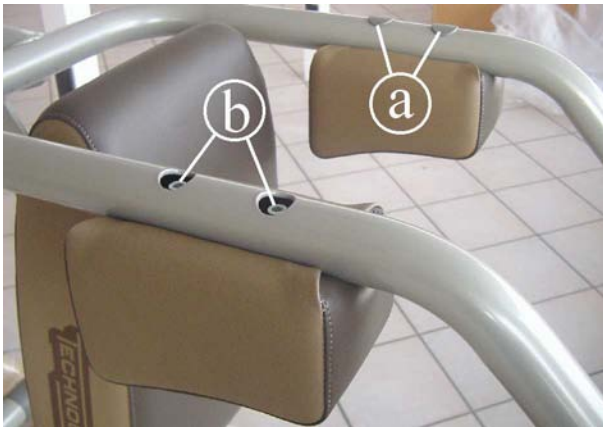


Figure 6.10-1

1. Remove the 2 cap **a** from the frame of the machine.
2. Back off the 2 screw **b** using a 6-mm hex wrench.
3. Remove the upholstery.

To reassemble the shoulder rest upholstery, carry out the above steps in reverse order.

6.11. ELBOW REST UPHOLSTERY ON BICEP/TRICEP

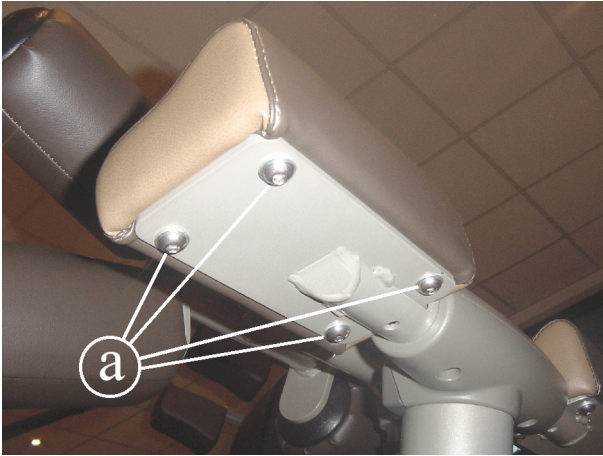


Figure 6.11-1

1. Back off the 4 screw **a** using a 5-mm hex wrench.
2. Remove the upholstery.

To reassemble the elbow rest upholstery, carry out the above steps in reverse order.

6.12. UPHOLSTERY ON PEC DECK / FLY AND ABDUCTOR / ADDUCTOR

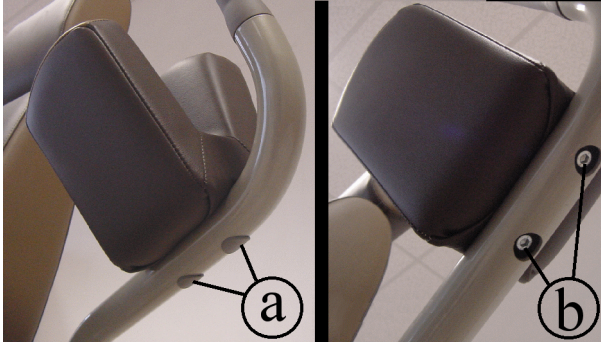


Figure 6.12-1

1. Remove the 2 cap **a** from the frame of the machine.
2. Back off the 2 screw **b** using a 6-mm hex wrench.
3. Remove the upholstery.

To reassemble the upholstery, carry out the above steps in reverse order.

6.13. ROLLERS UPHOLSTERY ON LEG EXTENSION / LEG CURL



Figure 6.13-1

1. Remove the plastic cap **a** using a small flat screwdriver.
2. Back off the screw **b** using a 5-mm hex wrench.
3. Remove the roller pad.

To reassemble the roller upholstery, carry out the above steps in reverse order.

6.14. LEVER CONNECTING CABLE ON PEC DECK / FLY AND ADDUCTOR / ABDUCTOR

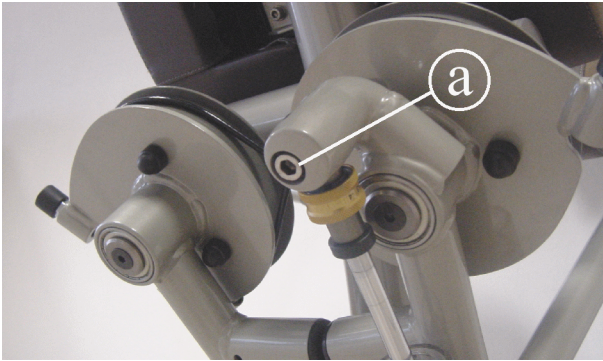


Figure 6.14-1

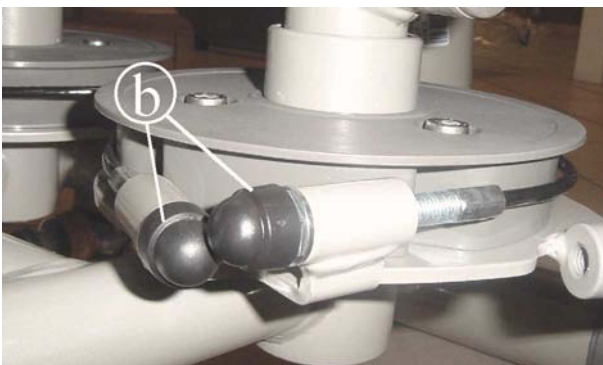


Figure 6.14-2

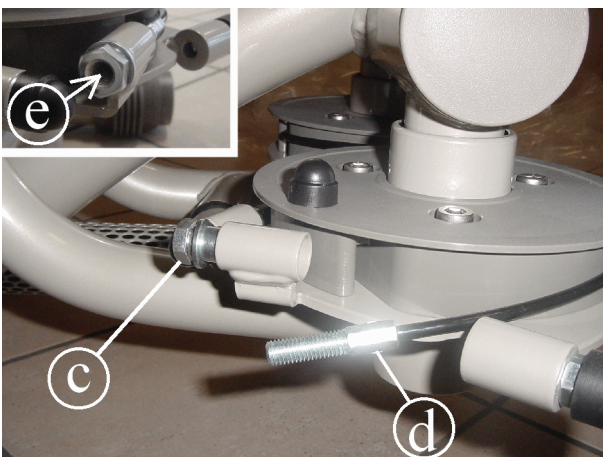


Figure 6.14-3

1. Back off the screw **a** using an 8-mm hex wrench and disconnect the piston from the left lever.

2. Remove the 2 caps **b**.

3. Unscrew the grub screw **e** which serves as a counter nut for crimped cable termination **d**.

4. Unscrew bushing **c** from the crimped threaded termination of cable **d**, using a 17-mm wrench and a 10-mm wrench.



During reassembly:

- **lock down the cable until it is taut;**
- **lock down the grub screw “e” until it is fully up against the crimped cable termination.**

5. Repeat the operations detailed in step 4 on the other end of the cable.

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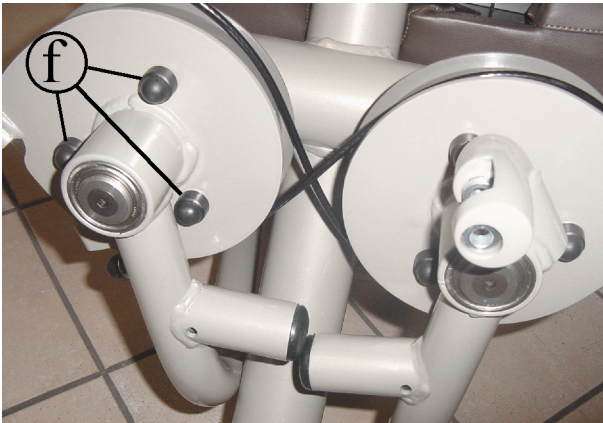


Figure 6.14-4

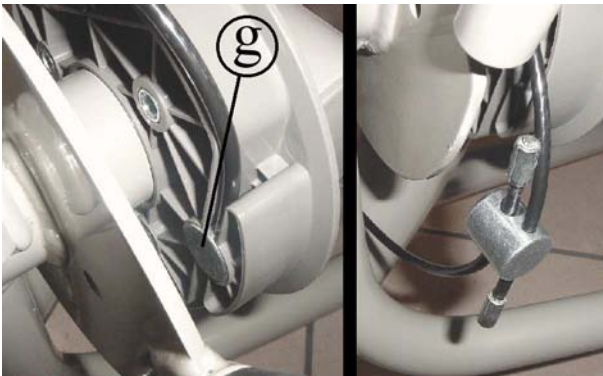


Figure 6.14-5

6. Remove the plastic caps **f** on the right lever.
7. Back off the nuts under the caps using a 17-mm wrench, locking down the screw on the opposite side, using an 8-mm hex wrench.

8. Move the cam up along the lever and remove the cable **g** from its place.

To reassemble the cable, carry out the above steps in reverse order.

6.15. SQUAT LEVER

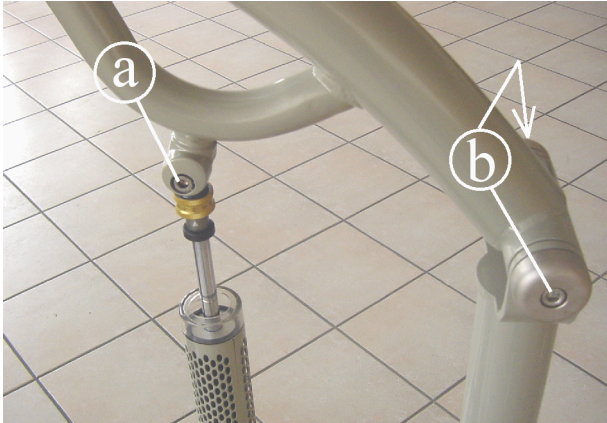


Figure 6.15-1

1. Back off the screw **a** using an 8-mm hex wrench and disconnect the piston from the lever.
2. Back off the screw **a** using an 10-mm hex wrench and remove the lever.

To reassemble the lever, carry out the above steps in reverse order.

6.16. ADDUCTOR / ABDUCTOR AND PEC DECK / FLY LEVER

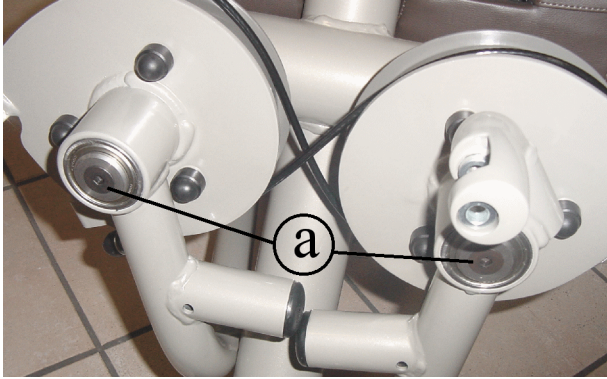


Figure 6.16-1

Carry out the procedure described in paragraph 6.14. Lever connecting cable on Pec Deck / Fly and Adductor / Abductor” until step 4 of the procedure.

1. Back off the screws **a** using a 6-mm hex wrench.
2. Remove the levers from the bottom.

To reassemble the levers, carry out the above steps in reverse order.

6.17. SHOULDER PRESS / LAT PULL LEVER

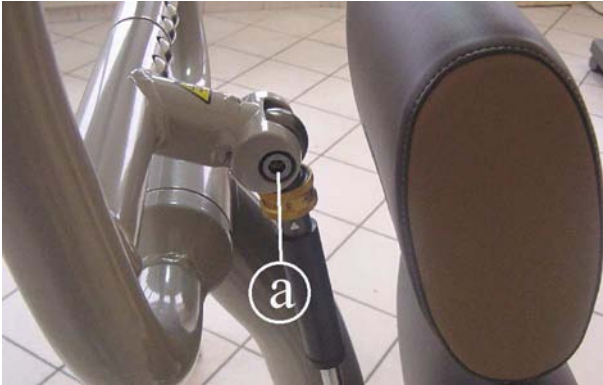


Figure 6.17-1

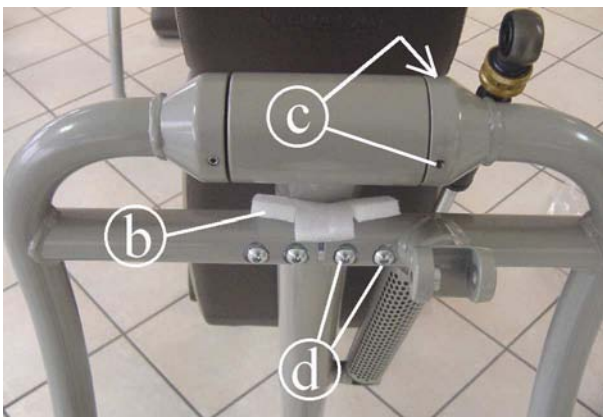


Figure 6.17-2

To disassemble the right lever:

1. Back off the screw **a** using an 8-mm hex wrench.
2. Disconnect the pistons from the lever.
3. Overturn the lever assembly at the rear of the machine as illustrated in the figure, inserting a piece of foam **b** to avoid damaging the frame.
4. Back off the grub screws **c** using a 4-mm hex wrench.
5. Back off the screws **d** using a 6-mm hex wrench.
6. Remove the lever.

To disassemble the left lever:

1. Carry out the procedure, here above detailed, on the left lever of the machine.

To reassemble the levers, carry out the above steps in reverse order.

6.18. CHEST / BACK LEVER

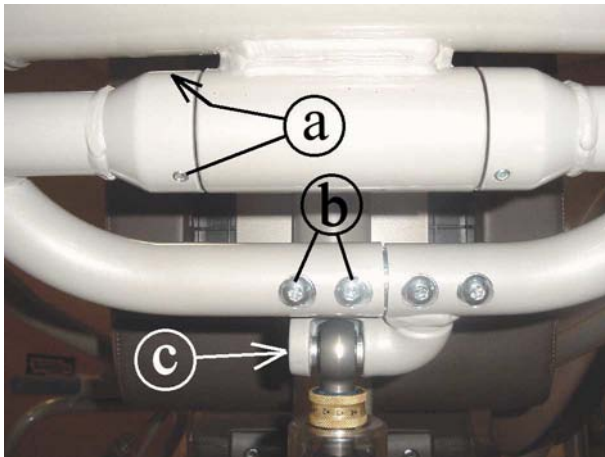


Figure 6.18-1

To disassemble left lever:

1. Back off the grub screws **a** using an 4-mm hex wrench.
2. Back off the screws **b** using an 6-mm hex wrench.
3. Remove the lever.

To disassemble right lever:

4. Back off the screw **c** using an 8-mm hex wrench.
5. Disconnect the piston from the lever.
6. Carry out the procedure detailed at steps 1, 2, 3.

To reassemble the levers, carry out the above steps in reverse order.

6.19. LEG EXTENSION / LEG CURL LEVER

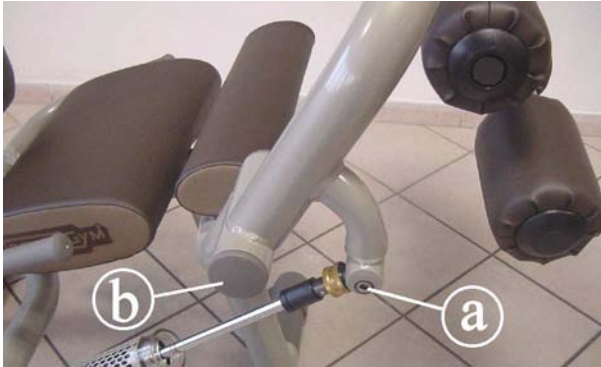


Figure 6.19-1

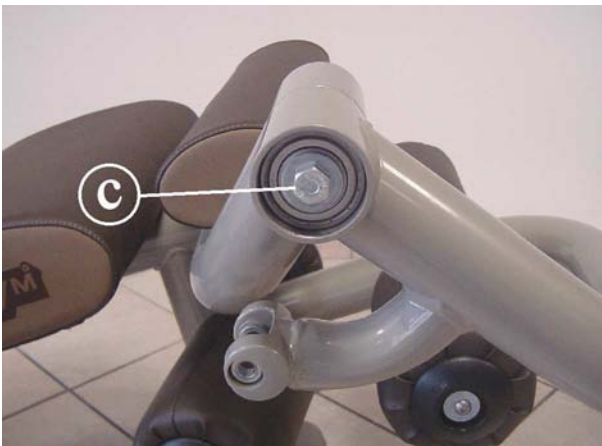


Figure 6.19-2

1. Back off the screw **a** using a 8-mm hex wrench.
2. Disconnect the piston from the lever.
3. Remove the cap **b** from the frame.

4. Back off the screw **c** using a 17-mm wrench.
5. Remove the lever.

To reassemble the lever, carry out the above steps in reverse order.

6.20. LEG PRESS LEVER



Figure 6.20-1

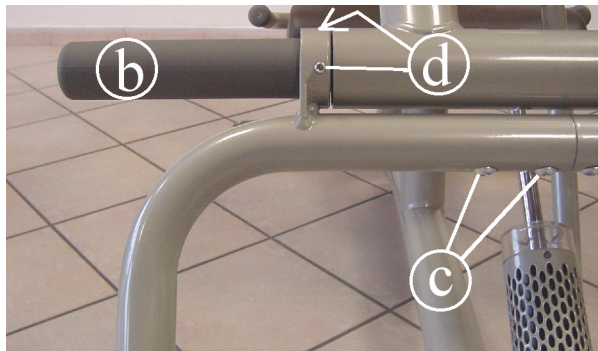


Figure 6.20-2

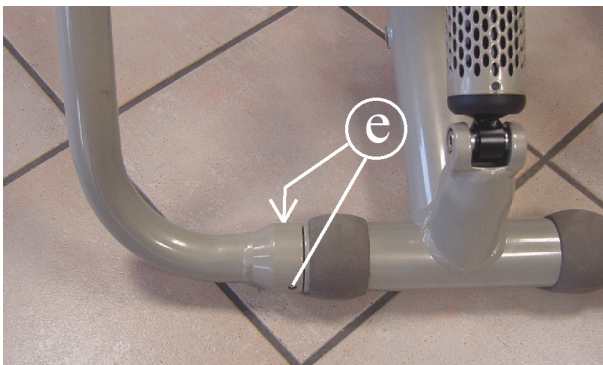


Figure 6.20-3

1. Back off the screws **a** using an 8-mm hex wrench and disconnect the piston and the tie rod from the footboard.



Make sure to have a substitutive footrest “b” before proceeding with the procedure, because it will be damaged during the procedure.

On both sides of the machine:

2. Cut away the foot rest protection **b**.
3. Back off the screw you can now access, using an 8-mm hex wrench.
4. Back off the 2 screws **c** using a 6-mm hex wrench (only on one side of the machine).
5. Back off the 2 grub screws **d** using 4-mm hex wrench.

1. Remove the plastic cap **a** using a small flat screwdriver.
2. Back off the screw **b** using a 4-mm hex wrench.
3. Remove the roller pad.

To reassemble the roller upholstery, carry out the above steps in reverse order.

6.21. ABDOMINAL LEVER

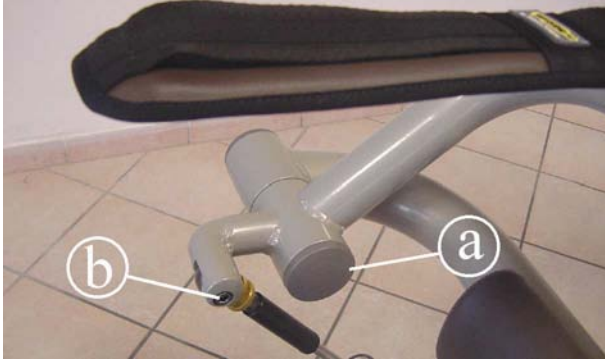


Figura 6.21-1



Figure 6.21-1

1. Remove the plastic cap **a** using a flat screwdriver.
2. Back off the screw **b** using an 8-mm hex wrench.
3. Disconnect the piston from the lever.

4. Back off the screw **c** using a 17-mm wrench.
5. Remove the lever from the frame.

To reassemble the lever, carry out the above steps in reverse order.

6.22. BICEP/TRICEP LEVER

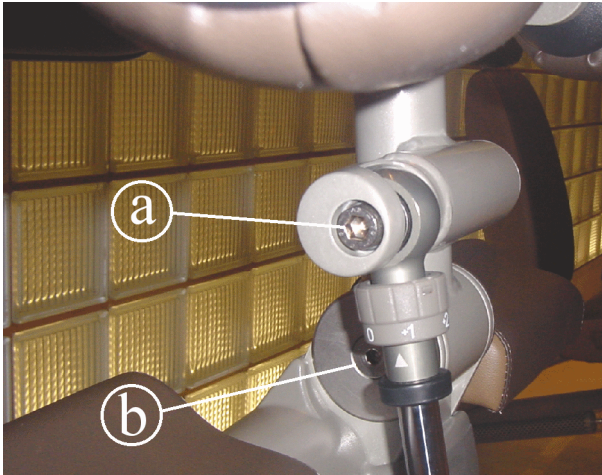


Figure 6.22-1

1. Move the lever completely upward until the piston is not more compressed.
2. Back off the screw **a** using an 8-mm hex wrench.
3. Disconnect the piston from the lever.
4. Back off the screw **b** using a 6-mm hex wrench.
5. Remove the lever from the frame.

To reassemble the lever, carry out the above steps in reverse order.

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7. SPECIAL OPERATIONS

No one adjustments could be done on this equipment.

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8. MAINTENANCE

To keep the machine in perfect working order and forestall possible problems it is necessary to carry out the scheduled maintenance operations described below. The maintenance operations can essentially be classified according to the frequency with which they need to be performed:

- Daily maintenance operations;
- Monthly maintenance operations;
- Twice yearly maintenance operations.

The operations require different levels of operator qualification. The following paragraphs describe the recommended procedures.

8.1. DAILY MAINTENANCE OPERATIONS



These operations can be carried out by the machine owner and do not require any special skills.

The **daily** machine maintenance consists of simple external cleaning, for the purposes of general hygiene.

For the daily maintenance of the machine, proceed as follows:

8.1.1. CLEANING UPHOLSTERY

1. We recommend that you perform this operation daily.
2. Clean the upholstery of the machine using a cloth moistened with Clean Well.



CAUTION: do not use alcohol, benzene, or chemical products in general.

8.1.2. CLEANING THE FRAME AND PAINTED PARTS

1. Clean the frame and painted parts of the machine using a cloth moistened with Clean Well.



CAUTION: do not use alcohol, benzene, or chemical products in general.

8.2. MONTHLY MAINTENANCE OPERATIONS



These operations can be carried out by the machine owner and do not require any special skills.

The **monthly** machine maintenance operations consists of simple cleaning and checking the state of wear to ensure the correct and safe functioning of the machine.

For the monthly maintenance of the machine, proceed as follows:

8.2.1. CHECK THE CABLES

1. Check the wear status of the machine cables, paying special attention to any hardened spots or cracks in the protective plastic of the cable. Replace any worn parts.
2. Check the passage of the machine cables through the cams.

8.2.2. CHECK THE HYDRAULIC PISTONS

1. Check the efficiency of the pistons, making the stem movement is fluid and without any noise.



If the hydraulic pistons are not used for some days, they can make some noise during the first repetitions.

2. Clean the stem using a dry cloth.



CAUTION: do NOT lubricate the piston stem for any reason.

8.2.3. CHECKING THE UPHOLSTERY

1. Check the wear status of the upholstery. Replace any worn parts.

8.2.4. CHECKING VARIOUS RUBBER PARTS



These operations apply to knobs, mats, frame guards, feet ...

1. Check the wear status of the rubber parts used on the machine. Repair and/or replace any worn parts.

8.3. TWICE-YEARLY MAINTENANCE OPERATIONS



These operations can only be carried out by a qualified technician specifically trained by Technogym and authorized to carry out machine installation and adjustments, as well as special maintenance operations or repairs which require special knowledge of the machine, its operation, safety systems and working procedures.

The **six-monthly** maintenance operations involve checking the functioning, wear and tension of the mechanical components so as to ensure the correct and safe operation of the machine.

For the six-monthly maintenance of the machine, proceed as follows:

8.3.1. CHECK THE CAM GROUP

1. Check the wear status of the cam grooves. Repair and/or replace any worn parts.
2. Make sure all parts in the cam group are firmly tightened.

8.3.2. SCREW AND BOLT CHECK

1. Make sure that the screws and bolts are firmly tightened, especially in the weight stack and seat adjustment areas, and around moving parts in general. Tighten any that are loose.

8.3.3. CHECKING FOR MECHANISM PLAY

1. Make sure that the machine mechanisms (lever arms, leverages) have no play. Repair and/or replace any worn parts.

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9. APPENDIX

9.1. UPHOLSTERY

CODE	MACHINE	UPHOLSTERY		
		CODE	DESCRIPTION	QUANTITY
MC01	Squat	OI000411AA-AYAT	Back rest	1
		OI000377AA-AYAT	Pad	2
MC05	Adductor / Abductor	OI000409AA-AYAT	Pad	2
		OI000414AA-AYAT	Seat	1
		W0003696AA-AYAT	Back rest	1
MC15	Shoulder Press / Lat Pull	OI000390AA-AYAT	Seat	1
		W0003698AA-AYAT	Back rest	1
MC20	Chest / Back	OI000390AA-AYAT	Seat	1
		W0003696AA-AYAT	Back rest	1
MC30	Leg Extension / Leg Curl	OI030AB-AY	Roller	4
		OI000414AA-AYAT	Seat	1
		OI000393AA-AYAT	Knee pad	1
		OI000417AA-AY	Easy pad	1
		W0003696AA-AYAT	Back rest	1
MC50	Leg Press	OI000390AA-AYAT	Seat	1
		OI000417AA-AY	Easy pad	1
		W0003696AA-AYAT	Back rest	1
MC55	Bicep / Tricep	OI000390AA-AYAT	Seat	1
		OI000451AA-AYAT	Elbow rest	2
		OI000457AA-AY	Roller	4
MC65	Abdominal / Back	OI000339AB-AY	Shoulder rest	2
		OI000390AA-AYAT	Seat	1
		OI000393AA-AYAT	Knee pad	1
		OI000428AA-AY	Roller	1
MC70	Pec deck / Fly	OI000390AA-AYAT	Seat	1
		OI000409AA-AYAT	Arm rest	2
		W0003696AA-AYAT	Back rest	1

9.2. PISTONS

The tables below details the codes for the pistons for all the various machines.

- 5 adjustment positions, pistons:

CODE	DESCRIPTION
R0003582AB-CH	Piston ass.-5 adj SQUAT
R0003666AB-CH	Piston ass.-5 adj ABD/BACK
R0003668AB-CH	Piston ass.-5 adj CHEST/BACK
R0003669AB-CH	Piston ass.-5 adj LEG E/LEG C
R0003670AB-CH	Piston ass.-5 adj LEG PRESS
R0003671AB-CH	Piston ass.-5 adj PEC DEC/FLY
R0003672AB-CH	Piston ass.-5 adj S.PRESS/LAT
R0003676AB-CH	Piston ass.-5 adj ABD/ADD
R0004465AA-CH	Piston ass.e-5 adj BIC/TRIC

- 9 adjustment positions, pistons:

CODE	DESCRIPTION
R0003582AA-CH	Piston ass.e-9 adj SQUAT
R0003666AA-CH	Piston ass.e-9 adj ABD/BACK
R0003668AA-CH	Piston ass.e-9 adj CHEST/BACK
R0003669AA-CH	Piston ass.e-9 adj LEG E/LEG C
R0003670AA-CH	Piston ass.e-9 adj LEG PRESS
R0003671AA-CH	Piston ass.e-9 adj PEC DEC/FLY
R0003672AA-CH	Piston ass.e-9 adj S.PRESS/LAT
R0003676AA-CH	Piston ass.e-9 adj ABD/ADD

9.3. TOOLS TO USE

The following tools are necessary to carry out all disassembly, adjustment and maintenance operations on the machines:

- Medium-sized flat head screwdriver;
- Medium-sized Philips screwdriver;
- 8-gauge wrench;
- 10-gauge wrench;
- 17-gauge wrench;
- 4-gauge hexagonal T-wrench;
- 5-gauge hexagonal T-wrench;
- 6-gauge hexagonal T-wrench;
- 8-gauge hexagonal T-wrench;
- 10-gauge hexagonal T-wrench;
- 17-gauge hexagonal T-wrench;
- Torque wrench;
- Rubber hammer.

 **CAUTION: Tool measurements are expressed in mm.**



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