

Plinth | 2000



Model 93CDT

SERVICE MANUAL

General Information

Thank you for choosing a product from Plinth 2000, we hope that you are pleased with your choice and that it gives you many years of trouble free service.

Maximum Operating Load

Maximum operating load can vary on the circumstances and a suggested guideline under normal operating conditions is 225kg (30 stone) evenly distributed across the couch. We would suggest that you contact us for advice on specific cases if you are unsure.

General Maintenance


We would recommend the following checks are carried out at least twice a year or more frequently if the couch is in continuous use:

- The frame of the couch is constructed of thick gauge steel and is coated with an epoxy powder coat. This should be wiped down and is robust and resistant to most cleaning products.
- The pivot points on the couch all use a nylon 66 bearing which can squeak if it dries out. We recommend lubricating sparingly with oil. Please ensure oil does not come into contact with the upholstery.
- Check and tighten any nuts or bolts where necessary. Care should be taken not to over tighten any fixings particularly in areas where the bolt acts as a pivot, namely in motor or gas strut fixings.
- The hinge pins for the head and foot sections of the couch should be checked to ensure that they have not got wet during cleaning and be lubricated with oil.
- On electric couches the lead from the hand or foot control should be checked to ensure that there are no kinks and that they are not pinched.
- Gas struts should be checked for adjustment. There should be a small amount of clearance between the lever and the operating pin throughout the whole range of movement. If there is no clearance or if the strut sinks then rotate the body of the strut anti-clockwise until there is sufficient clearance and the strut does not sink. If the strut fails to operate then adjust in a clockwise direction.

- Electrical checks should only be carried out by a suitably qualified person.

FIRST DISCONNECT MAINS SUPPLY

All electrical cables, connections and plugs should be inspected for damage and to verify that they are correctly fitted. Damaged parts should be replaced where necessary.

All couches are class 2 electrical equipment and are double insulated showing the symbol  Class 2 electrical equipment has all exposed metalwork separated from the conductors by two layers of insulation, so that the metalwork cannot become live. There is no earth connection and the operator's safety depends upon the integrity of the two layers of insulation.

Only the correct 5 amps fuse to BS1362 should be used.

- Upholstery is the main interface between couch and patient and we recommend particular attention is taken with regards to caring for and replacing upholstery when necessary. All upholstery is of the best quality available and is fire retardant to BS5852 part 2 (crib 5) and BS7176. Upholstery can lose its flexibility and become brittle and crack if oil, grease, bleach or other strong chemicals are in contact with it for too long. Cleaning with soapy water or disinfecting with an NaDCC compatible cleaner and use of couch covers or paper towel will help to prolong the life of the upholstery. We strongly recommend that damaged upholstery is replaced to prevent any risk of cross infection.
- Upholstery bolts should be checked and tightened where necessary.

Troubleshooting

In the unlikely event of the couch/chair failing to operate and having carried out the normal practical fault finding steps (in the Instruction Manual and on our web site), please contact our Customer Services Department who will be pleased to assist you:

Tel: +44 (0) 1449 767887

Fax: +44 (0) 1449 766122

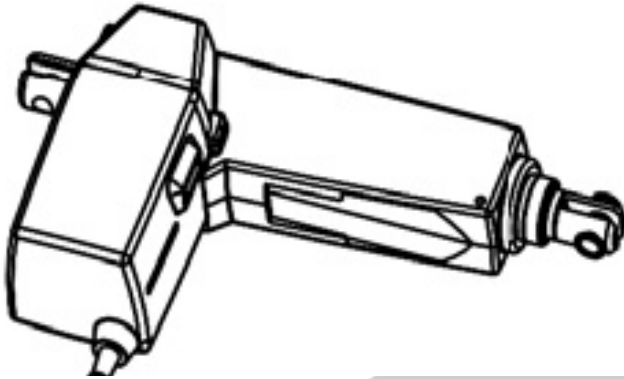
Email: sales@plinth2000.com

Web: www.plinth2000.com

Please note: before ringing please take note of the serial number of the couch/chair which can be found on a black label attached to the side of the main cross member together with the type number of the electric motor or hydraulic pump unit as this will assist us to resolve the problem more quickly.

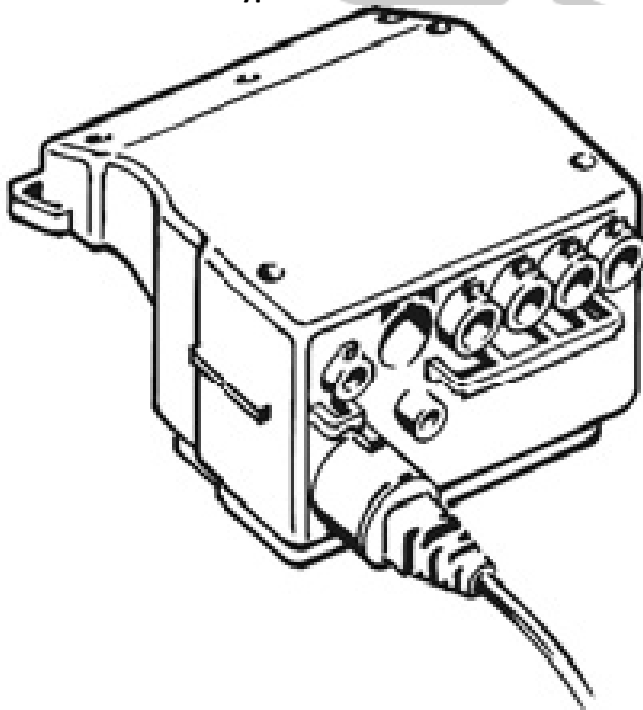
Parts List (electrical)

Linak actuator – type LA31



Model 93 CDT will use two of the above actuators one with a 200mm stroke and one with an 80mm stroke. (The option of a motorised backrest will add a third LA31 actuator also of 200mm stroke)

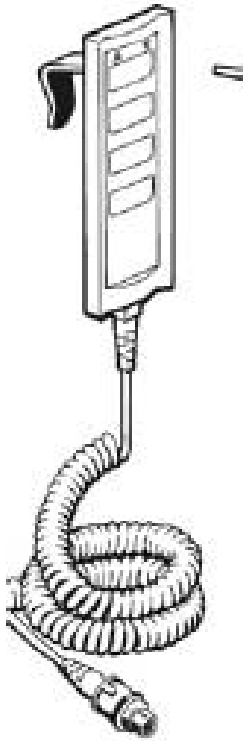
Linak control box – type CB09



One control box will be fitted to the lift motor and will provide additional outputs for up to 3 other actuators. The switch lead and actuator leads are removable. Please note that the mains lead is not removable.

2000

Linak Hand-Switch – type HB



As standard Model 93CDT will come fitted with a hand switch as above. The number of buttons on the switch will vary from 2 pairs to 4 pairs depending on the number of extra functions fitted at the time of order.

Herga Foot Switch – type puck



If the optional footswitch is ordered it will have either 2, 3 or 4 pairs of buttons depending on the number of extra functions fitted at the time of order.

Parts List (top assembly)

Ref	Description	Quantity	Part No
	Backframe	1	
	Backframe release lever	1	
	Backframe gas strut	1	
	Mid frame	1	
	Divided leg assembly (left side)	1	
	Divided leg assembly (right side)	1	
	Leg section gas strut	2	
	Sliding leg assembly	2	
	Locking knob	2	
	Leg release lever (left side)	1	
	Leg release lever (right side)	1	
	Upholstery bolts m6 x 40mm (back)	4	
	Upholstery bolts m6 x 55mm (seat)	4	
	Upholstery bolts m6 x 25mm (legs)	6	
	M6 repair washers	14	
	Arm brackets	2	
	Fixed adjustable arm rest (left side)	14	
	Fixed adjustable arm rest (right side)	1	
	M6 grub screw (arm brackets)	4	
	3/8 zinc bar (hinge pin for leg)	1	
	M10 x60 bolt (gas strut fittings)	3	
	M10 nylock nut	3	
	M10 aluminium spacer	9	
	M16 open zinc starlock	6	
	M10 black plastic nut cover	6	
	1" x 1" black cap	2	
	40 x 40 black cap	2	

Parts List (base assembly)

Ref	Description	Quantity	Part No
	93 base frame	1	
	93 lift lever	1	
	93 link levers	4	
	55mm furniture castors	4	
	19mm washers	12	
	19mm open starlocks	12	
	19mm capped starlocks	12	
	1" x 2" black flat foot cap	7	
	1"x2" black adjustable foot insert	1	
	M8 adjustable foot	1	
	M12 x 75 bolt (motor fixing)	2	
	M12 nylock nut	2	
	M12 form b washer	2	
	Nylon 66 bush	22	
	'D' pedal rubber	2	
	80 x 40 black cap	2	

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