

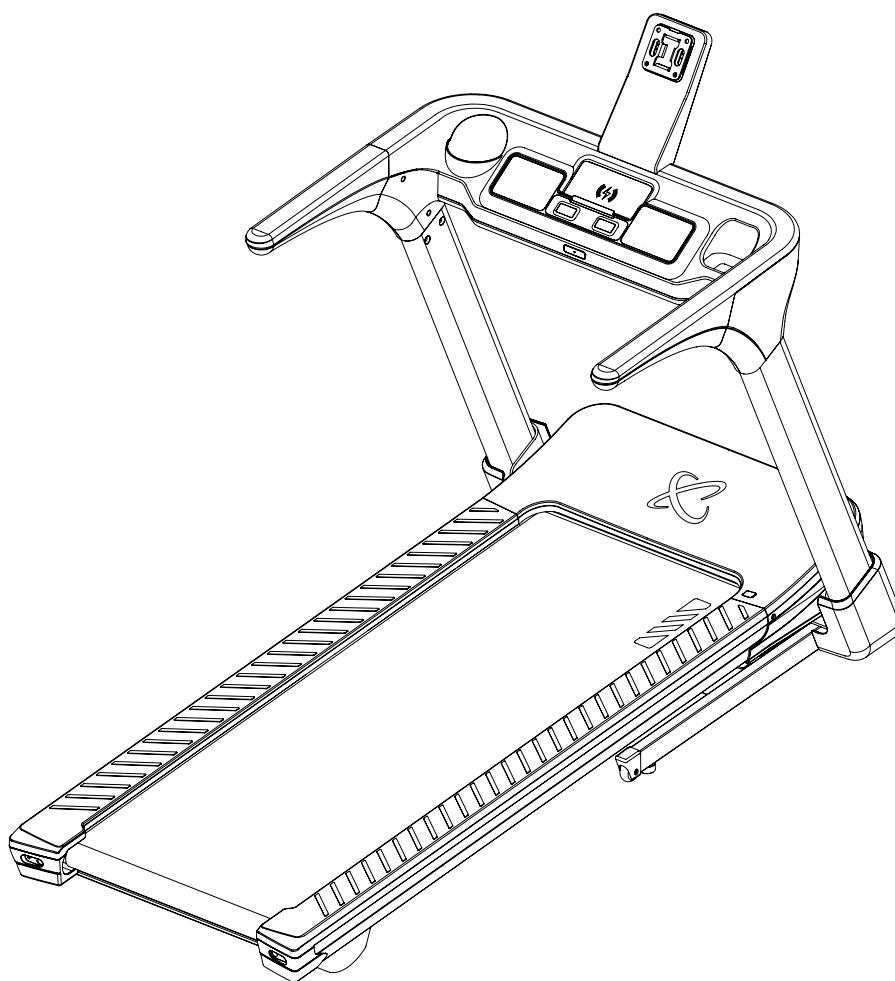


Models: T5B-110.1  
T5B-220.1

## SERVICE MANUAL

# CENTR INSPIRE SERIES T5 & T5S

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY



Manual to be used for Unit Serial Number Range:

Starting S/N: T5B-110.1-9-24-11-000001

Starting S/N: T5B-220.1-9-24-11-000001

MADE IN CHINA  
80434-EN-V2024-12-17



## TABLE OF CONTENTS

|                                                |    |
|------------------------------------------------|----|
| IMPORTANT SAFETY INSTRUCTIONS.....             | 5  |
| PARTS DIAGRAMS.....                            | 6  |
| PARTS LIST.....                                | 7  |
| ELECTRICAL WIRING DIAGRAM (110V MACHINES)..... | 8  |
| ELECTRICAL PARTS LIST (110V MACHINES).....     | 9  |
| ELECTRICAL WIRING DIAGRAM (220V MACHINES)..... | 10 |
| ELECTRICAL PARTS LIST (220V MACHINES).....     | 11 |



## IMPORTANT SAFETY INSTRUCTIONS

### DANGER

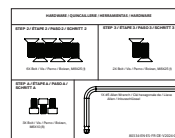


To reduce the risk of electrical shock, disconnect the power cord from the outlet and machine and wait 5 minutes before servicing this product. Any diagnosis or repairs of this product should be done by a trained service technician or an individual who is aware of proper safety procedures. If proper safety procedures are not followed, an electric shock is possible. Store the power cord in a secure location.

### WARNING!

To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Read and understand the Important Safety Instructions before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
2. Keep bystanders, children and pets away from the product being serviced at all times.
3. Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
4. Be aware that as hardware is removed from parts on this machine, the loose parts may need to be supported or damage to you or the machine may occur. Be sure to be prepared to support the weight of the part before fully removing any hardware when servicing the machine. If necessary, use a second person to assist with supporting the part.
5. Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
6. If replacement parts are necessary, use only genuine Centr replacement parts and hardware. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and will void the warranty.
7. Be sure that all warning stickers and instructional placards applied to the product are present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels.
8. Do not try to change the design or functionality of the machine being serviced as this can adversely effect user safety and will void the warranty.
9. Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.



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105434 (110V)  
105573 (220V)

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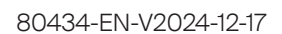
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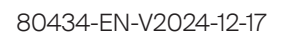
# CENTR

| PART NUMBER | DESCRIPTION                                             | QTY. |
|-------------|---------------------------------------------------------|------|
| 103165      | BELT, RUNNING                                           | 1    |
| 103176      | BUMPER, RUNNING DECK                                    | 6    |
| 103177      | WHEEL, TRANSPORT                                        | 2    |
| 103178      | BUMPER, BASE FRAME                                      | 2    |
| 103196      | BUMPER, FOOT                                            | 4    |
| 103206      | WASHER, RAIL MOUNT                                      | 8    |
| 103209      | PLUG, 25 X 50 X 13                                      | 2    |
| 103210      | COVER, TRANSPORT WHEEL                                  | 2    |
| 103304      | ASSY, TM LUBRICATION, 30mL BOTTLE & NOZZLE              | 1    |
| 104038      | RUBBER WHEEL                                            | 2    |
| 104437      | COVER, REAR WHEEL                                       | 2    |
| 104507      | ASSY, REMOVABLE SAFETY KEY                              | 1    |
| 105283      | BUTTONS, START AND STOP                                 | 1    |
| 105286      | WIRELESS CHARGING PAD                                   | 1    |
| 105334      | ASSY, BASE FRAME                                        | 1    |
| 105341      | ASSY, UPRIGHT, LH                                       | 1    |
| 105342      | WLDMT, UPRIGHT, RH                                      | 1    |
| 105345      | ASSY, REAR COVER, LH                                    | 1    |
| 105346      | ASSY, REAR COVER, RH                                    | 1    |
| 105358      | COVER, FRONT SIDE, RH                                   | 1    |
| 105361      | COVER, FRONT SIDE, LH                                   | 1    |
| 105363      | ASSY, MOTOR COVER                                       | 1    |
| 105365      | ASSY, COVER, UPRIGHT BASE, RH                           | 1    |
| 105366      | ASSY, COVER, UPRIGHT BASE, LH                           | 1    |
| 105369      | COVER, CENTER CONSOLE, TOP                              | 1    |
| 105372      | COVER, CENTER CONSOLE TOP                               | 1    |
| 105373      | ASSY, CENTER CONSOLE                                    | 1    |
| 105375      | HANDRAIL GRIP, LH                                       | 1    |
| 105376      | HANDRAIL GRIP, RH                                       | 1    |
| 105378      | ASSY, CENTER CONSOLE BOTTOM COVER                       | 1    |
| 105379      | COVER, UPRIGHT INSIDE, LH                               | 1    |
| 105380      | COVER, UPRIGHT INSIDE, RH                               | 1    |
| 105386      | ASSY, BELT LUBRICATION TRAY                             | 1    |
| 105388      | CENTER CONSOLE, BACK PLATE                              | 1    |
| 105389      | CONSOLE RIGHT PANEL, SPEED                              | 1    |
| 105390      | CONSOLE LEFT PANEL, INCLINE                             | 1    |
| 105393      | COVER, BELT LUBRICATION PORT                            | 1    |
| 105394      | BELT, J7, 170                                           | 1    |
| 105412      | ASSY, SIDERAIL COVER, RH                                | 1    |
| 105413      | ASSY, SIDERAIL COVER, LH                                | 1    |
| 105415      | ASSY, SIDE PLATFORM, LH                                 | 1    |
| 105421      | ASSY, SIDE PLATFORM, RH                                 | 1    |
| 105423      | ROLLER, FRONT, 50 DIA                                   | 1    |
| 105424      | ROLLER, REAR, 50 DIA                                    | 1    |
| 105425      | BELT, RUNNING                                           | 1    |
| 105426      | DECK, RUNNING                                           | 1    |
| 105428      | ASSY, CONSOLE BASE AND HANDRAILS                        | 1    |
| 105429      | ASSY, CENTER CONSOLE TOP COVER                          | 1    |
| 105432      | ASSY, CONSOLE MAST                                      | 1    |
| 105433      | WLDMT, INCLINE FRAME                                    | 1    |
| 105434      | <b>(FOR 110V MACHINE)</b><br>ASSY, MOTOR BTM TRAY, 110V | 1    |
| 105463      | AIR CYLINDER, DECK LIFT                                 | 1    |
| 105527      | FOAM STRIP, 20 X 1400 X 2                               | 2    |
| 105573      | <b>(FOR 220V MACHINE)</b><br>ASSY, MOTOR BTM TRAY, 220V | 1    |
| 80351       | HARDWARE CARD, CENTR T5B                                | 1    |



## ELECTRICAL PARTS LIST (FOR 110V MACHINES)

| PART NUMBER | DESCRIPTION                                                | QTY. |
|-------------|------------------------------------------------------------|------|
| 103153      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 100mm                   | 1    |
| 103156      | WIRE, BROWN, 14AWG, 100mm                                  | 2    |
| 103172      | SWITCH, POWER ON/OFF, 16A                                  | 1    |
| 103174      | RECEPTACLE, POWER, C14, 16A                                | 1    |
| 103216      | CORD, POWER, TYPE B                                        | 1    |
| 103259      | FILTER, YB35D5-15A-Q                                       | 1    |
| 103270      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 600mm                   | 1    |
| 103271      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 400mm                   | 1    |
| 103272      | WIRE, BLUE, 14AWG, 150mm                                   | 1    |
| 103274      | WIRE, BROWN, 14AWG, 300mm                                  | 1    |
| 103275      | WIRE, BLUE, 14AWG, 300mm                                   | 1    |
| 103276      | PCBA, BT                                                   | 1    |
| 103277      | CABLE, BT, 200mm                                           | 1    |
| 104503      | ASSY, REMOVABLE SAFETY KEY, FEMALE                         | 1    |
| 105311      | CABLE, CONSOLE PCBA TO MAST, 250mm                         | 1    |
| 105316      | PCBA, WIRELESS CHARGING PAD                                | 1    |
| 105325      | POWER CONVERTOR, AC TO DC                                  | 1    |
| 105328      | CABLE, SWITCH TO ADAPTER & FITLER, BRANCHED<br>300mm 600mm | 1    |
| 105396      | CABLE, CONSOLE PCBA TO MAST, 300mm                         | 1    |
| 105431      | PCBA, T5B CONSOLE                                          | 1    |
| 105525      | MOTOR, RUNNING BELT, 2.0HP                                 | 1    |
| 105526      | MOTOR, INCLINE LIFT, 1/15HP, 110V                          | 1    |
| 105560      | ASSY, MOTOR CONTROL BOARDS, 110V                           | 1    |
| 105561      | CABLE, CONSOLE PCBA, COMM & POWER, 1850mm                  | 1    |
| 105562      | CABLE, CONSOLE PCBA, COMM & POWER, 700mm                   | 1    |
| 105563      | CABLE, WIRELESS CHARGING PAD, 200mm                        | 1    |
| 105571      | FUSE, OVERLOAD PROTECTOR, 15A                              | 1    |



## ELECTRICAL PARTS LIST (FOR 220V MACHINES)

| PART NUMBER | DESCRIPTION                                                | QTY. |
|-------------|------------------------------------------------------------|------|
| 103153      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 100mm                   | 1    |
| 103156      | WIRE, BROWN, 14AWG, 100mm                                  | 2    |
| 103172      | SWITCH, POWER ON/OFF, 16A                                  | 1    |
| 103174      | RECEPTACLE, POWER, C14, 16A                                | 1    |
| 103259      | FILTER, YB35D5-15A-Q                                       | 1    |
| 103270      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 600mm                   | 1    |
| 103271      | WIRE, GROUND, GREEN-YELLOW, 16AWG, 400mm                   | 1    |
| 103272      | WIRE, BLUE, 14AWG, 150mm                                   | 1    |
| 103274      | WIRE, BROWN, 14AWG, 300mm                                  | 1    |
| 103275      | WIRE, BLUE, 14AWG, 300mm                                   | 1    |
| 103276      | PCBA, BT                                                   | 1    |
| 103277      | CABLE, BT, 200mm                                           | 1    |
| 103565      | CORD, POWER, TYPE E                                        | 1    |
| 103566      | CORD, POWER, TYPE I                                        | 1    |
| 103567      | CORD, POWER, TYPE K                                        | 1    |
| 103568      | CORD, POWER, TYPE G                                        | 1    |
| 103569      | CORD, POWER, TYPE J                                        | 1    |
| 104503      | ASSY, REMOVABLE SAFETY KEY, FEMALE                         | 1    |
| 104671      | INDUCTOR, 2.2kW, PFC-10A-4.0                               | 1    |
| 105311      | CABLE, CONSOLE PCBA TO MAST, 250mm                         | 1    |
| 105316      | PCBA, WIRELESS CHARGING PAD                                | 1    |
| 105325      | POWER CONVERTOR, AC TO DC                                  | 1    |
| 105328      | CABLE, SWITCH TO ADAPTER & FITLER, BRANCHED<br>300mm 600mm | 1    |
| 105339      | WIRE, BLUE, 14AWG, 600mm                                   | 1    |
| 105396      | CABLE, CONSOLE PCBA TO MAST, 300mm                         | 1    |
| 105431      | PCBA, T5B CONSOLE                                          | 1    |
| 105525      | MOTOR, RUNNING BELT, 2.0HP                                 | 1    |
| 105561      | CABLE, CONSOLE PCBA, COMM & POWER, 1850mm                  | 1    |
| 105562      | CABLE, CONSOLE PCBA, COMM & POWER, 700mm                   | 1    |
| 105563      | CABLE, WIRELESS CHARGING PAD, 200mm                        | 1    |
| 105572      | FUSE, OVERLOAD PROTECTOR, 10A                              | 1    |
| 105575      | MOTOR, INCLINE LIFT, 1/15HP, 220V                          | 1    |
| 105576      | ASSY, MOTOR CONTROL BOARD, 220V                            | 1    |

**CENTR**