



Ceiling Track Lift Service Check List

This document is intended to assist the service engineer/technician in ensuring a successful service for a ceiling track lift. The checklist should be ticked once each check has been completed. The following checks must adhere to the additional details found in the service manual. This document applies to all Mackworth Ceiling Track Lifts.

Service Overview			
Product Description			
Part Number		Serial Number	
SWL		Lift Count	
Manufacturing Date		No. of Years Operational	
Facility			
Address			

Component	Outcome			Comments	Fixed	
Covers						
Defect Inspection (Cracks, burns etc.)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Cover Fitment (Do they fit together correctly)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Label Inspection (Are they legible?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Carry Bar						
Defect Inspection (Cracks, Sharp Edges, Deformation)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Spring Clips (Are the clips functioning?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Fitment (Is it fitted to the tape correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Handset						
Defect Inspection (Are the buttons functioning?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Fitment (Is it fitted to the hoist correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Wheels						
Defect Inspection (Cracks, Shape, General Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Traversing (Running smoothly in the track?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Emergency Cord & Toggle Switch						
Defect Inspection (E-Cord modification)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Do the 2/3-stages operate correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>

Component	Outcome			Comments	Fixed	
Batteries						
Defect Inspection (Cracks, Leaks, Burns, Exposed Wires)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Fitment (Are the cables connected correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Test (Battery test to assess condition)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>	Voltage Reading: Ampere-Hour Reading:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Fixings						
Defect Inspection (Damaged Threads, Deformation)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Fitment (All fixings are secure and tight)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hub (Spool)						
Defect Inspection (Excessive Gear Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Meshing (Do the gears mesh correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Greasing (Have you regreased the gearing?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Does the overspeed cam function?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Lift Motor						
Defect Inspection (Dents, Excessive Gear Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Meshing (Do the gears mesh correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Noise (Any abnormal noise in the motor?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Greasing (Have you regreased the gearing?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Does the motor lift/lower correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Lift Tape						
Defect Inspection (Fraying, Cuts, Holes, Stitching Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Label Integrity (Is the label legible?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Limit Switches						
Defect Inspection (Cuts & Exposed Wires, Solder Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Top and Bottom Limits Functioning?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Does the bottom limit switch activate when the carry bar is removed?	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Drive Motor						
Defect Inspection (Dents, Excessive Gear Wear)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Meshing (Do the gears mesh correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Does the motor traverse correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>

Component	Outcome			Comments	Fixed	
PCB (Printed Circuit Board)						
Defect Inspection (Cracks, Burns, Broken Components)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Connections (Are all the cables plugged in?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Wiring (Are there any exposed wires?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Air Tubes and Grommet						
Defect Inspection (Air Leaks, Poor Connections)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Connections (Are the colour coded correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Charging (Beak and Dock or Handset Charging)						
Defect Inspection (Cracks, Exposed Wires, Deformation)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Docking? Charging?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Test (Charger Test to assess function)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>	Voltage Reading:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
LED / LCD Indicator						
Defect Inspection (Cracks, Visibility)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Incorrect indications)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Auxiliary Beak (Powered Turntables/H-System)						
Defect Inspection (Cracks, Exposed Wires, Deformation)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Is it responding to the commands?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Quick Release Trolley (QRT)						
Defect Inspection (Cracks, Deformation)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Traversing (Running smoothly in the track?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Constant Charge (Beak and Strip)						
Defect Inspection (Cracks, Exposed Wires, Cuts to Strip)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Function (Charging across the full system?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Return to Charge (RTC)						
Function (Does the RTC operate correctly?)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Load Test						
Load Test (Perform SWL Load Test)	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	N/A <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>

Service Sign Off			
Approved Technician	Print Name	Signature	Date
Customer	Print Name	Signature	Date
*Customer Signature constitutes acceptance of the above work being satisfactory.			

Notes:

Disclaimer

While every effort has been made to ensure the accuracy of the information contained in this service checklist, no liability can be accepted by Mackworth if the relevant documentation and procedures aren't followed properly to service these products. Mackworth operates a policy of continuous improvement. Specifications and other data are subject to change without notice.

