KILOTECH

QUALITY MANAGEMENT SYSTEM

QMS-310

SYSTÈME DE GESTION DE LA QUALITÉ

K I L O T E C H

LP15 Model Service Manual

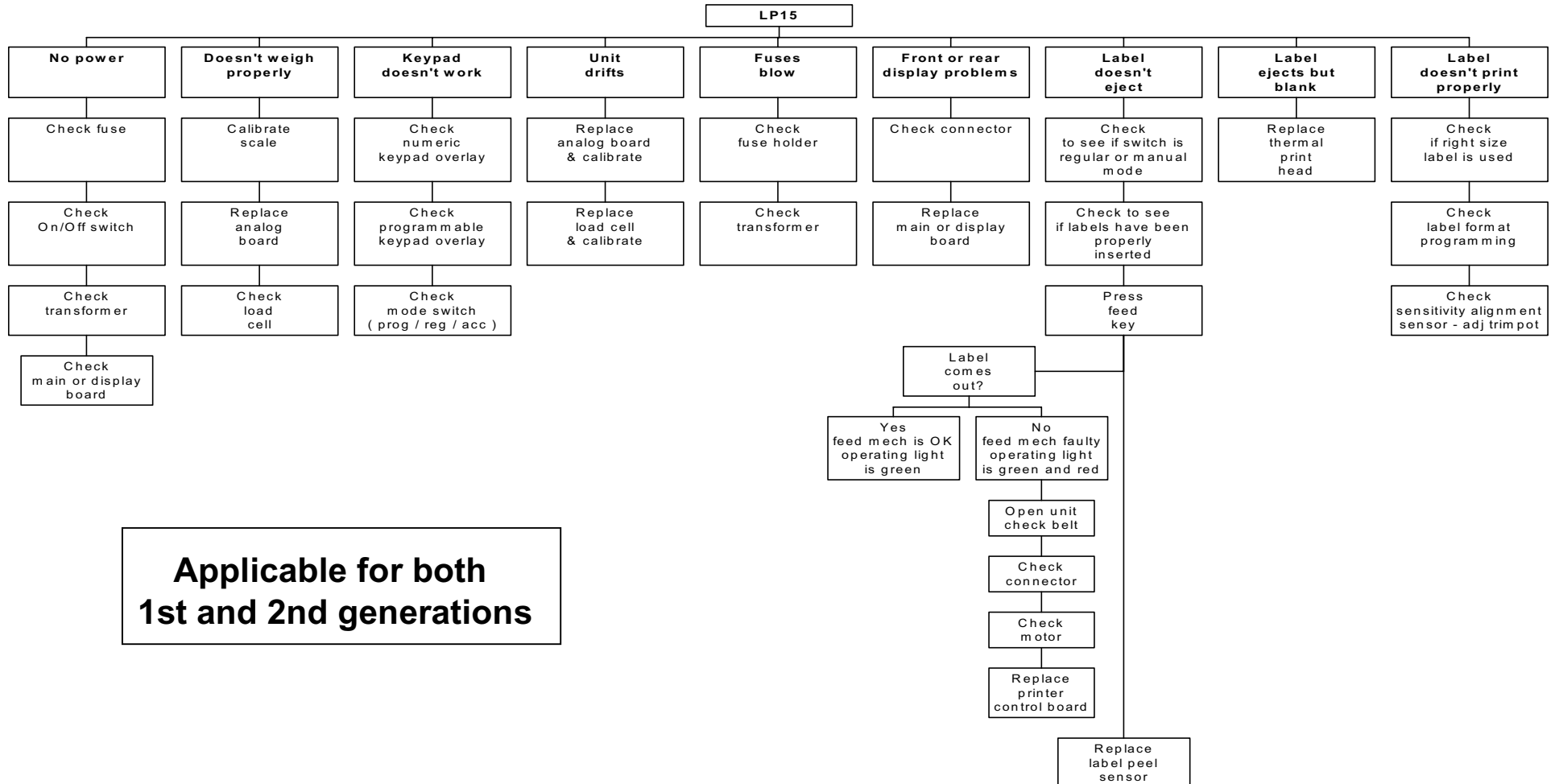1st Generation   LP15kg or LP15lb

2nd Generation   LP15kg/lb/100g

◆ LP15 Repair Overview

◆ Calibration Instructions

◆ Technical Service Bulletins

◆ Recommended Parts List

If you should have any questions, please call 1.800.694.4445
and ask for our Technical Service Specialist.

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LP15 LABEL PRINTING, PRICE COMPUTING SCALE

LP15

No power	Doesn't weigh properly	Keypad doesn't work	Unit drifts	Fuses blow	Front or rear display problems	Label doesn't eject	Label ejects but blank	Label doesn't print properly
Check fuse	Calibrate scale	Check numeric keypad overlay	Replace analog board & calibrate	Check fuse holder	Check connector	Check to see if switch is regular or manual mode	Replace thermal print head	Check if right size label is used
Check On/Off switch	Replace analog board	Check programmable keypad overlay	Replace load cell & calibrate	Check transformer	Replace main or display board	Check to see if labels have been properly inserted		Check label format programming
Check transformer	Check load cell	Check mode switch (prog / reg / acc)				Press feed key		Check sensitivity alignment sensor - adj trimpot
Check main or display board								

Label comes out?

Yes feed mech is OK operating light is green	No feed mech faulty operating light is green and red

Open unit check belt

Check connector

Check motor

Replace printer control board

Replace label peel sensor

Applicable for both 1st and 2nd generations

Calibration Instructions

LP15-C001   1st generation
LP15-C002   2nd generation

If you should have any questions, please call 1.800.694.4445
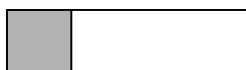and ask for our Technical Service Specialist.

Calibration Instructions : LP15-C001
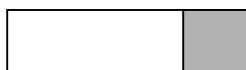
MODELS : LP15 kg or lb models (1st generation)

ACTION :   Calibration instruction

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To calibrate the LP15kg or LP15lb model, please note the following instructions:

1.   Remove the top platter
2.   Remove the seal cover
3.   Set the scale to "Calibration" mode

        Normal mode   Calibration mode

4.   Replace top platter on scale
5.   Turn power on – display will read CAL
6.   Press the "3" key – display will read ULOAD
7.   Press the "PRINT" key – display will read LOAD
8.   Put weights equivalent to a full load on the scale platter (15kg or 30lb depending on the model)
9.   Press the "PRINT" key
10.   When the display shows "CAL" – calibration is completed
11.   Remove the weights and return the scale to the "Normal" mode

The scale has been calibrated and is now ready for use.

If you should have any questions, please call 1.800.694.4445
and ask for our Technical Service Specialist.

Calibration Instructions : LP15-C002

MODELS : LP15 kg/lb/100g model (2nd generation)

ACTION : Calibration instruction

To calibrate the LP15kg/lb/100g model, please note the following instructions:

1. Remove the top platter
2. Remove the seal cover
3. Set the scale to "Calibration" mode

Normal mode   Calibration mode

4. Replace top platter on scale
5. Turn power on – display will read CAL
6. Press the "3" key – display will read ULOAD
7. Press the "PRINT" key – display will read LOAD
8. Put weights equivalent to a full load on the scale platter – note that depending on the unit of weight you choose, whether 15kg or 30lb, it will determine what measurement unit the scale will default when powered on.
9. Press the "PRINT" key
10. When the display shows "CAL" – calibration is completed
11. Remove the weights and return the scale to the "Normal" mode

The scale has been calibrated and is now ready for use.

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and ask for our Technical Service Specialist.

Technical Service Bulletin : LP15-TSB001

MODELS : LP15 kg/lb/100g (2nd generation)

ACTION :   Set weight default in kg or lb.

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If a customer so desires, it is possible to preset the weight default, in kg or lb, when the LP15 unit is powered on.

Simply reference the calibration instructions (LP15-C002) for complete step by step instructions.

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Technical Service Bulletins

LP15-TSB001   Set default in kg or lb (2nd generation)

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Recommended Parts List
LP15 model

Item Description	Item Number	Generation
Eprom – Model A	863241	All
Eprom – Model B	863260	All
Eprom – Model C	863264	All
Main PCB board	863253	1st
Main PCB board	863302	2nd
Numeric keypad	863250	All
PLU keypad	863248	All
Power supply	863252	All
Thermal printer head	863251	All
Analog board	863259	All
Photo sensor	863244	All
Fuse holder	863261	All

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