EC Declaration of Conformity

EC conformity Declaration According to the Machinery Directive 2006/42/EC

Herewith the producer declares:

Name: Eoslift Warehousing Equipment Co., Ltd.
Address: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

For the following products:

Description: Scale Pallet Truck
Model: E20M/E20MP
Type: 2000KG
Trade name: Eoslift
Serial number: -

Corresponds to the relevant provisions of o.g. Directive, including the amendments valid at the time of issuance of this declaration.

Following harmonised norms were applied:
According to directive 2006/42/EC:
● EN ISO 12100-1:2003/A1:2009
● EN ISO 12100-2:2003/A1:2009
● EN ISO 14121-1:2007
Following national norms and other specifications (or parts thereof) were applied:
● ISO 15870 First edition 2000-11-01
● ISO 3287 Second edition 1999-12-01
● EN ISO 3691-5:2009, Issue date 2010-09
Person entitled to assemble the technical documentation:

Name: Yuejun   Jiang
Address: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

Signatory:

Name: Yuejun   Jiang
Function of the signatory
within the company: Managing Director
Place of issuance: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang
Date of issuance: 01.03.2012 (March 1st, 2012)

Signature:

03/2012

BEFORE YOU BEGIN

Thank you for using our scale pallet trucks. The scale pallet truck, equipped with a high-precision weighing system METTLER TOLEDO, is made of high quality steel and is designed for the horizontal lifting and transporting loads on a pallet or standardized containers on a level, fixed base. For your safety and correct operation, please carefully read this instruction before using it.
NOTE: All of the information reported herein is based on data available at the moment of printing. We reserve the right to modify our own products at any moment without notice and incurring in any sanction. So, it is suggested to always verify possible updates.

Scale Pallet Truck
E20M/E20MP

Eoslift Warehousing Equipment Co., Ltd.

No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

Year of Manufacture: 2014

CONTENTS

1.Technical Specifications

RATED CAPACITY	2,000kg/4,500lbs
WORKING ENVIRONMENT	Dry
MIN. /MAX. FORK HEIGHT	85/200mm
WEIGHT ACCURACY	+/– 0.5‰ of applied load
WIDTH ACROSS FORKS	560mm/705mm
FORK LENGTH	1150mm/1220mm

2.Mounting Indicator

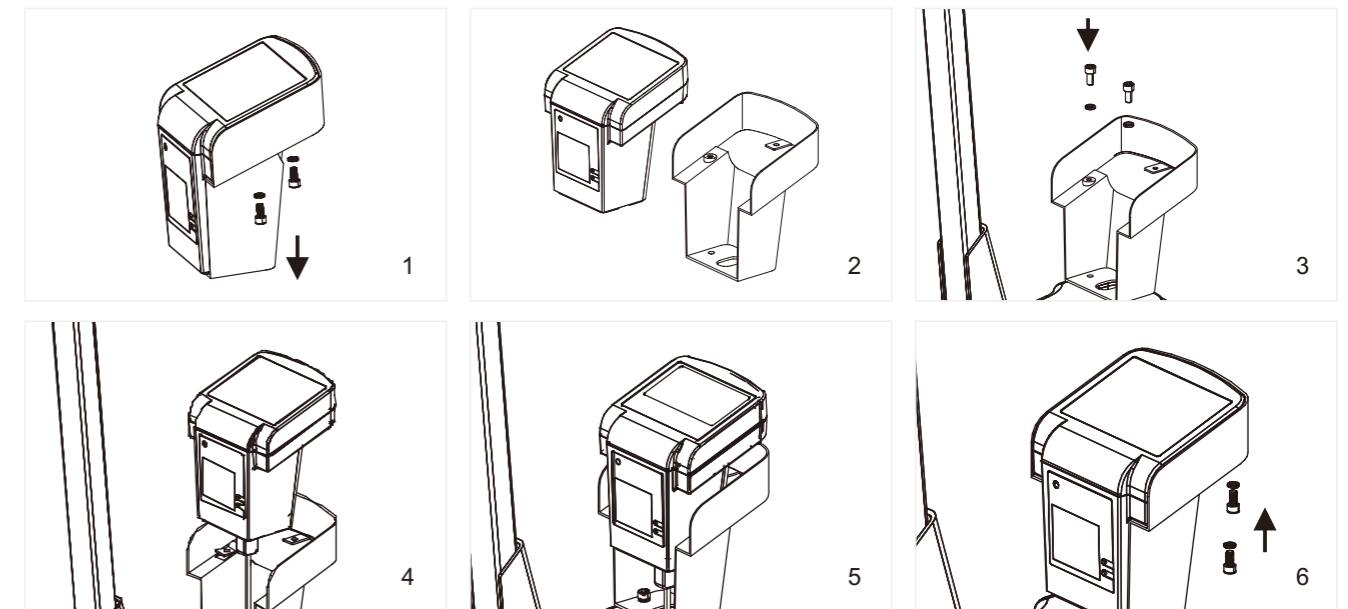Fig. 1

2.1 Screw out three hex. screws (201–4) on the indicator (201) .
2.2 Fix the protecting cover (201–2) on the frame with hex. screw (210).
2.3 Connect the plug of load cell and socket of the indicator.
2.4 Tighten three hex. screws (201–4).

3.To Attach Draw—bar To Pump Unit

When attaching the handle, you had better squat just behind the pallet truck. Then you:
3.1 Insert the draw—bar onto the pump piston, and then use a hammer to insert the axle with hole (105) into the hydraulic pump and draw—bar from the right to left. (See fig. 2).
3.2 Adjust the control handle(117) to the 'LOWER' position, then pass the adjusting nut(104), adjusting bolt(103) and chain(102) through the hole of axle(105) with your hand (See fig. 3).
3.3 Press the draw—bar (110), down, take away the pin(348) (See Fig. 1).
3.4 Let the control handle (117) on 'RAISE' position, then raise the lever plate (315) with the pin and insert the adjusting bolt(103) into the front slot of lever plate (315), note to keep the adjusting nut (104) on the bottom side of the lever plate.
3.5 Use a hammer to tap another elastic pin (106) into the axle with hole (105).
The draw—bar is now assembled to the pump.

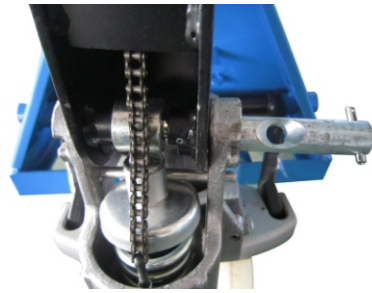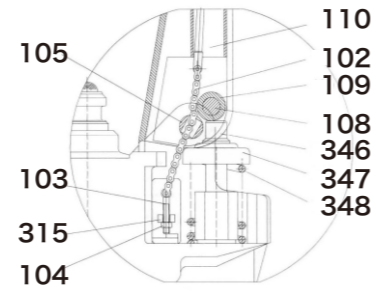Fig. 2   Fig. 3

4.To Adjust Release Device

On the draw—bar of this pallet truck, you can find the control handle(117) which can be regulated in three positions :
   Raise —handle down
   Drive   —handle in center position
   Lower —handle upthe lever moves back to the drive position when released.

However if they have been changed, you can adjust them according to the following steps:
4.1 If the forks elevate while pumping in the DRIVE position, turn the adjusting nut (104) on the adjusting bolt (103) or screw (318) clockwise until pumping action does not raise the forks and the DRIVE position works properly.
4.2 If the forks descend while pumping in the DRIVE position, turn the nut(104) or screw(318) counter— clockwise until the forks stop descending.
4.3 If the forks do not descend when the control handle (117) is in the LOWER position, turn the nut (104) or screw (318) clockwise until raising the control handle (117) lowers the forks. Then check the DRIVE position according to item 3.1 and 3.2 to be sure the nut (104) and screw(318) is in the proper position.

5.Maintenance

The pallet truck is largely maintenance—free.
5.1. OIL
   Please check the oil level every six months. The oil can be hydraulic oil: ISO VG32, its viscosity should be 30℃St at 400℃, total volume is about 0.4lt.
5.2. BANISHING THE AIR
   The air may come into the hydraulic oil because of transportation or pumping in the upset position. This will lead to the problem that the forks can't be elevated while pumping in the RAISE position. The air can been removed in the following way: Adjust the control handle (117) on the LOWER position, then move the draw—bar up and down for several times.

5.3. DAILY CHECK AND MAINTENANCE
   Daily check of the pallet truck can limit the abrasion as much as possible. Special attention should be paid to the wheels, the axles, as thread, rags, etc. It may block the wheels. The forks should be unloaded and lowered to the lowest position when the job is finished.
5.4. LUBRICATION
   All bearings and shafts are provided with long—life grease at the factory. The only thing you need to provide to the lubrication points is long—life grease at monthly intervals or after each time the truck is cleaned thoroughly.
5.5 Replace the battery
   A) Remove the cover board (201—05)
   B) Put in 4 batteries
   C) Put the cover board back

6.Safety Guidance

6.1 Operator should read all warning signs and instructions both here and on the pallet truck before using this truck.
6.2 Do not use on a slope.
6.3 Do not operate a pallet truck unless you are familiar with them and have been trained or authorized to do so.
6.4 Do not operate a pallet truck unless you have checked its condition. Give special attention to the wheels or rollers, the draw—bar unit, the fork unit, the lever plate, etc. .
6.5 To pull the truck, always move the control handle into the drive position. This makes the draw—bar easier to move and depressurizes the pump section of the hydraulics. This preserves the hydraulic seals and the valve components. A long service life can be expected.
6.6 Do not take up any people on the pallet truck.
6.7 The operator had better take on gloves for labor protecting.
6.8 When the goods have been transported, all people should be away from the forks for 600mm.
6.9 Do not load goods like fig. 5/B .
6.10 Do not load goods over maximum capacity.
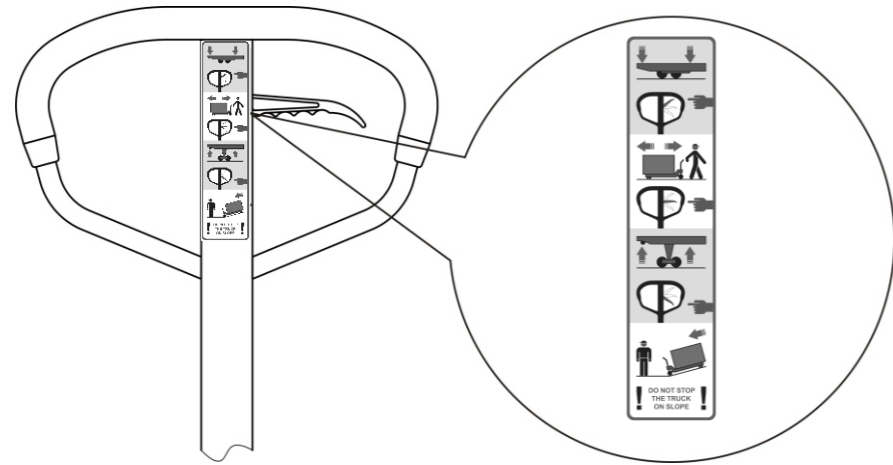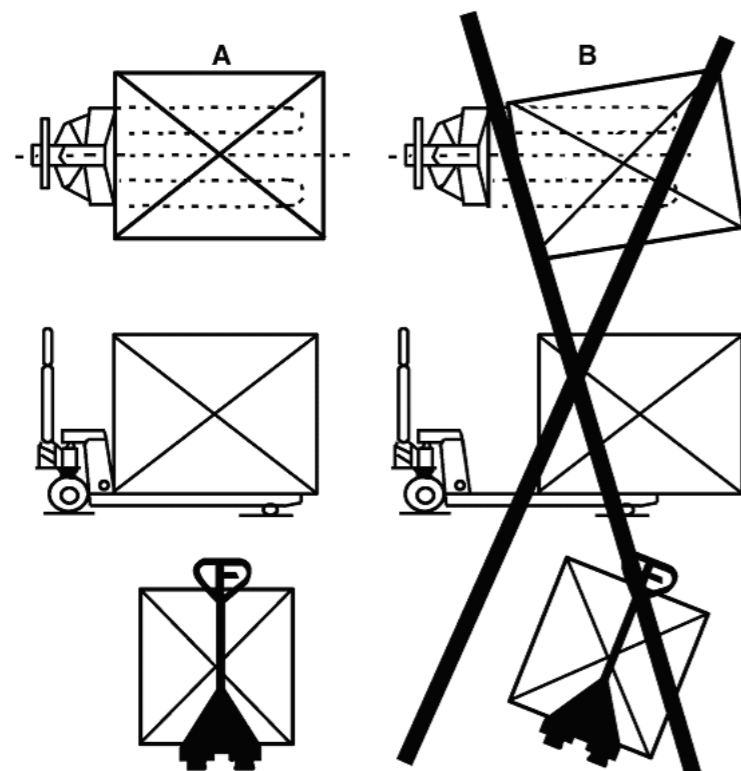6.11 At other special condition or place, the pallet truck should be carefully operated.

Fig. 4

Fig. 5

7.Troubles Shooting

No	Trouble	Clause	Fixing Methods
1	The forks can not be lifted up to the max. height.	–The hydraulic oil is not enough.	–Pour in the oil.
2	The forks can not be lifted up.	–Without hydraulic oil. –The oil has impurities. –The nut (104) is too high, keep the pumping valve open. –Air comes into the hydraulic oil.	–Fill in the oil. –Change the oil. –Adjust the nut(104) or screw (318) (see item 3.4) –Banish the air.(see item 4.2)
3	The forks can not be descended.	–The piston rod(344) or pump (328) is deformed resulting from partial loading slanting to one side or over–loading. –The fork was kept in high position for a long time and the piston rod was bared, this causes rusting and jamming of the rod. –The adjusting nut (104) or screw (318) is not in the right position.	–Replace the piston rod (344) or pump (328). –Keeping the fork in the lowest position if not using, and pay more attention to lubricate the rod. –Adjust the nut (104) or screw (318) (see item 3.3)
4	Leaks	–Sealing parts worn or damaged. –Some part cracked or worn into small.	–Replace with a new one. –Replace with a new one.
5	The fork descends without using the release valve	–The impurities in the oil cause the release valve unable to close tight. –Some parts of hydraulic system is cracked or bored. –Air comes into the oil. –Sealing parts worn or damaged. –The adjusting nut (104) or screw (318) is not in the right position.	–Replace with new oil. –Inspect and replace the wasted parts. –Banish the air. (See item 4.2) –Replace with a new one. –Adjusting the nut (104) or screw (318). (See item 3.2)
6	{llll}	Over load, more than 9d above scale capacity	Reduce the load
7	<____>	Under Zero 5d	Zero the scale
8	{lnol} <_no_>	Over the zero range	Remove the load
9	−−no−−	Key forbidden	Check setup
10	Err 3	EEPROM verify error	Reset the terminal
11	Err 35	Scale is in motion when calibration	Check the scale
12	Err 6	EEPROM W/R error	Replace EEPROM
13	Err 70	The keys hold too long The key may be short	Replace keypad

NOTE: DO NOT ATTEMP TO REPAIR THE PALLET TRUCK UNLESS YOU ARE TRAINED AND AUTHORIZED TO DO SO.
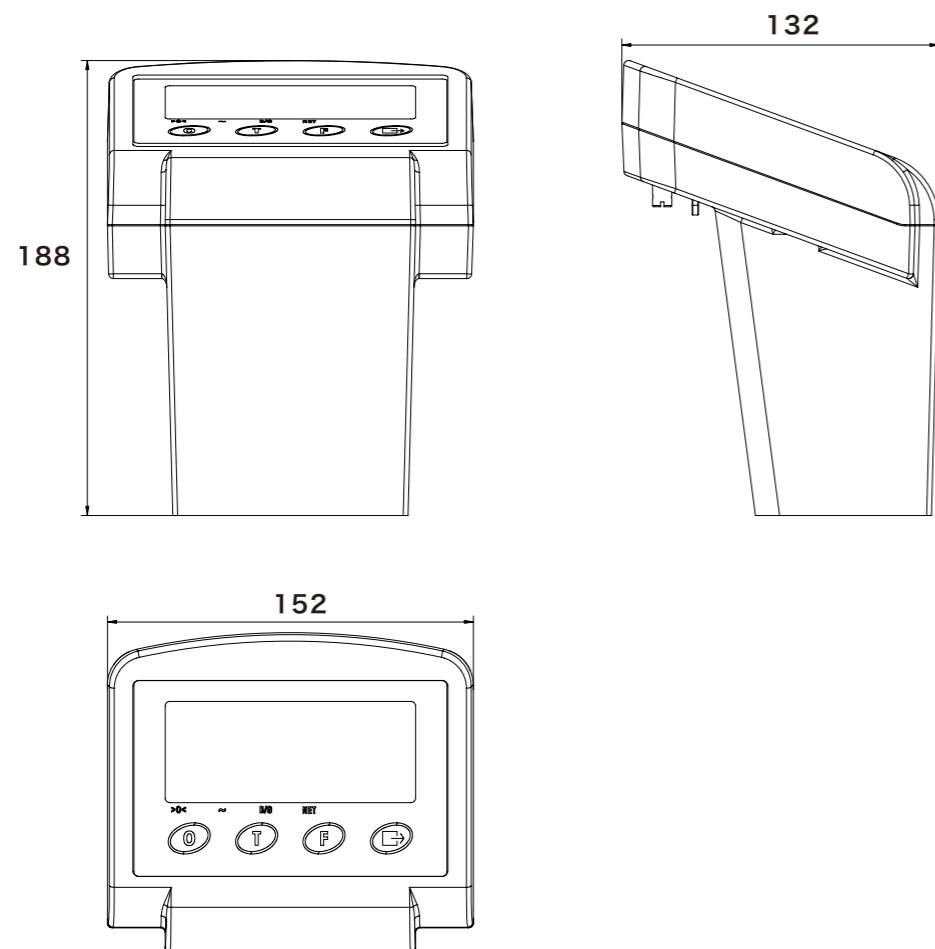
8.Overview

8.1.　Specification

- ☐　5 digits 45mm large LCD display, 25mm digit height, white LED backlight.
- ☐　4 Function Keys, Simple and easy.
- ☐　Executive voltage：＋5VDC。
- ☐　Load Cell capability: Maximum 4 350 ohm analog load cell.
- ☐　Zero signal input range: 0~5mV。
- ☐　SPAN signal input range: 1~10mV.
- ☐　Resolution: 1,000,000。
- ☐　Increments: 1,000 ～ 30,000
- ☐　A/D Rates: 30Hz。
- ☐　Working voltage: DC 6V input, Lead−Acid rechargeable battery.
- ☐　Working temperature: −10C~40C; Relative Humidity < 85%.
- ☐　Storage temperature: −20C~60C; Relative Humidity < 85%.
- ☐　Approved：R76−1

8.2.　Main functions

- ☐　Basic weighting: Zero, Tare, Clear, Print, Calibration.
- ☐　Auto backlight shut−down
- ☐　Auto power off
- ☐　IND212−500Y: not support embedded printer
- ☐　IND212−501Y: support embedded printer
- ☐　Rechargeable Lead−Acid battery charged by the special Charging Management Module

8.3.　Indicator Dimensions

9.Charging the Battery

9.1.Overview of Charging

- ☐　Charging input: DC 9V 2.2A
- ☐　Maximum charging current: 1.6A
- ☐　Charging time: 8~9h
- ☐　Rechargeable battery: 6V10Ah Lead−acid Battery
- ☐　Anti−reverse protection
- ☐　Over−charging protection
- ☐　Over−current protection

9.2.Charging the battery

Please follow the following steps：
1.　Please connect the charger into the adaptor jack on the terminal's back side.

2.　Hold ⬗ key, when terminal finishes self−checking, it will show [CHARG].

3.　Press ⬗ key to confirm step 2, terminal will be into the charging stat us.

4.　Charging time: 8~9h。

5.　After charging, the terminal shows [FULL].

6.　Please disconnect the charger after charging.

⚠ CAUTION
1.　DON'T USE TERMINAL WHILE CHARGING.
2.　DON'T CHARGE THE BATTERY TOO LONG TIME. PLEASE DISCONNECT THE CHARGER IN TIME AFTER CHARGING.
3.　DON'T PUT THE BATTERY IN THE SEALED ENCLOSURE.

10.Operation

10.1. Operation HMI

10.2. Basic function operation

10.2.1 Zero

→0←	Zero the scale

10.2.2 Tare/Clear

→T←	Tare the scale at the Gross Mode and switch to the Net mode
	Clear `the tare at the Net Mode and switch to the Gross mode

10.2.3 Unit Switch

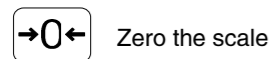|	
F	By pressing the key, the scale changes the unit between kg and lb. Capacity and resolution will be calculated

10.2.4 Print/On/Off

⊑→	By pressing the key, the stable weight data is output from serial port while the terminal is power–on.
	Hold the key 2s, the terminal switch off while the terminal is power–on.
	Hold the key 2s, the terminal switch on while the terminal is power–off.

Note:

1. Only the IND212–501Y type has the serial port.

2. After initialization while the terminal powers on, it shows [CHARG], by pressing ⊑→ , the terminal enters charging mode. If →0← , →T← or F is pressed, or nothing to do within 10s, the terminal enters normal weighing mode.

10.3. Over capacity and Under Zero

10.3.1. Over capacity

If the weight in scale is more than Full capacity +9d, then the indicator will display:

10.3.2. Under Zero

If the weight in scale is less than –5 d, the indicator will display:

11.Setup

KEY	Function Description
⊑→	Print–Key, Enter–Key: YES
→T←	Tare–Key: NO
F	F–Key: While entering a number –> move one digit to the left
→0←	Zero–Key: One step back

11.1. Entering a number

To entering a number (e.g. calibration weight) the following sequence is used:
1) Display shows a blinking 0. With the Tare–Key the number can be increased. With the Zero–Key the number can be decreased. Once the correct number is displayed, the F–Key moves the cursor to the next digit to the left.。
2) Continue with 1). If the correct number is displayed pressing the Print–Key confirms the complete number.
3) By pressing the Clear–Key during the input of numbers, the cursor will jump one step to the right (that number will start to blink) and the selected digit can be changed with the Tare–Key.

11.2. Entering Setup

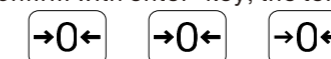Press and hold →0← F to enter setup. The terminal will enter Master Mode. ⌐⌐⌐⌐⌐

After about 2 minutes the terminal will time out and go back to the weighing mode.
After entering the password confirm with enter–key, the terminal will enter Setup:
Password of Supervisor: →0← →0← →0←

Password of Administrator: →0← →T← →0← →T←

Supervisor mode: Setup F1 function block only.
Administrator mode: Setup all function block.

11.3. Function block Setup
11.3.1. F1 – Calibration

F1.1   Capacity & Increment

```
F1
```

    F1.1.1   Units

    Selection: – kg（default setting）

```
1
```

                    – lb

```
2
```

F1.1.2   Capacity

Selection: 3···4,000(2,000 is default setting)

F1.1.3   Increment

F1.2   Calibration

    F1.2.1   Calibration

            1） Start with Enter–Key

            2） Display E–Scl，empty scale and confirm with Enter–Key

```
E 5CL
```

            3） Display counts down 10 ··· 0 to capture Zero

```
Add Ld
```

            4） Display will say Add Load

            5） Confirm with Enter–Key

            6） With Tare–Key or Zero–Key the number can be changed like described under number input.

            7） Put load on scale and confirm with Enter–Key

            8） Display will count down 10..0. If scale is not stable after 30 seconds it will time out and display an error code. With enter–key go back to calibration beginning.

```
donE
```

            9） If calibration was successful it will display done for 2 seconds.

            10） Confirm with Enter–Key.

               Supervisor mode: Go to function block F7

               Administrator mode: Go to function block F2

11.3.2. F2   Function block Scale

F2.1   Approval

```
F2
```

    Selection: – No, not approved (default setting)

                 – OIML

                 – NTEP

```
no
```
```
OI ML
```
```
ntEP
```

F2.2   GEO

    Selection: 0···31(16 is default setting)

F2.3   Zero

    F2.3.1   Auto Zero Maintenance

    Selection: off, 0.5d, 1d, 3d (0.5d is default setting)

```
0.5 d
```

    F2.3.2   Power up Zero (based on Cal Zero)

    Selection: off, 2%, 10%, 20 % (10% is default setting)

    F2.3.3   Pushbutton Zero (based on Cal Zero)

    Selection: off, 2%, 10%, 20% (10% is default setting)

F2.4   Tare

    F2.4.1   Auto Tare

    Selection: On/Off (Off is default setting)

    F2.4.2   Auto Clear Tare

    Selection: On/Off (Off is default setting)

    F2.4.3   Tare Interlock

    Selection: On/Off (Off is default setting)

    F2.4.4   Auto Tare threshold（only active if F2.4.1 is On）

    Selection   0···FS (0 is default setting)

    F2.4.5   Auto tare reset threshold（only active if F2.4.1 is On）

    Selection   0···FS (0 is default setting)

F2.5　Filter

F2.5.1　Filtering

Selection:　　– Low
　　　　　　– Mid（default setting）
　　　　　　– High

`Lo`

`MMEd`

`HI GH`

F2.5.2　Motion Range

Selection:　　0.5d（default setting），1d, 3d

F2.10　Reset

This Reset will not reset Metrology, Scale build, GEO value.

11.3.3.　F4　Function block Terminal

F4.1　Display

F4.1.1　– Backlight

Selection:　　On/Off (Off is default setting)

`F 4`

F4.1.2　Backlight Timeout

This function is available only when F4.1.1 is set as On

Selection:0···99s（5 is default setting）
(0 = the backlight will not time out)
After the back light time out, the back light could be
activated by pressing any key

F4.2　Auto Power Off

F4.2.1　Auto Power Off

Selection:　　On/Off (Off is default setting)

F4.2.2　Auto Power off Timeout

Selection:　　1···60minutes

F4.3　Terminal Sleeping

F4.3.1　Terminal Sleeping

Selection:　　On/Off (Off is default setting)

F4.3.2　Terminal Sleeping Timeout

Selection:　　30s, 60s, 90s

F4.10 – Reset

11.3.4.　F5　Function Block Com

F5.1　Connection

Selection:　　– Print（default setting）
　　　　　　– Auto Print

`F5`

`Print`

`APrin`

F5.2　Format

F5.2.1　– Line Format

Selection:　　– Multi–line (default setting)
　　　　　　– Single–line

`MMULt`

`SinGE`

F5.2.2　Add Line Feed

Selection:　　0···9（3 is default setting）

F5.2.3　Auto Print Threshold

If F5.1 selects auto print, the print threshold should set.

Selection:　　0···FS（10d is default setting）

F5.2.4　Auto Print reset threshold

If F5.1 selects auto print, the print reset threshold should set

Selection:　　0···FS（10d is default setting）

F5.3　Com1

F5.3.1　Baud rate

Selection:　– 1200

　　　　　– 2400

　　　　　– 4800

　　　　　– 9600（default setting）

　　　　　– 19200

F5.3.2　Bits / Parity

Selection:　　– 7 odd
　　　　　　– 7 even
　　　　　　– 8 none（default setting）

`7 odd`

`7EuEn`

`BnonE`

F5.3.3　Flow Control

Selection:　　On/Off (Off is default setting)

F5.3.4　Checksum

Selection:　　On/Off (Off is default setting)

F5.10 – Reset

11.3.5. F6   Function block Maintenance

```
 F6
```

F6.1   Keyboard

    Press Enter to start.

    Display PrESn_ (n = key number)

    On/Off goes to next function block.

F6.2   Display

Light up all display segments.

F6.3   X10
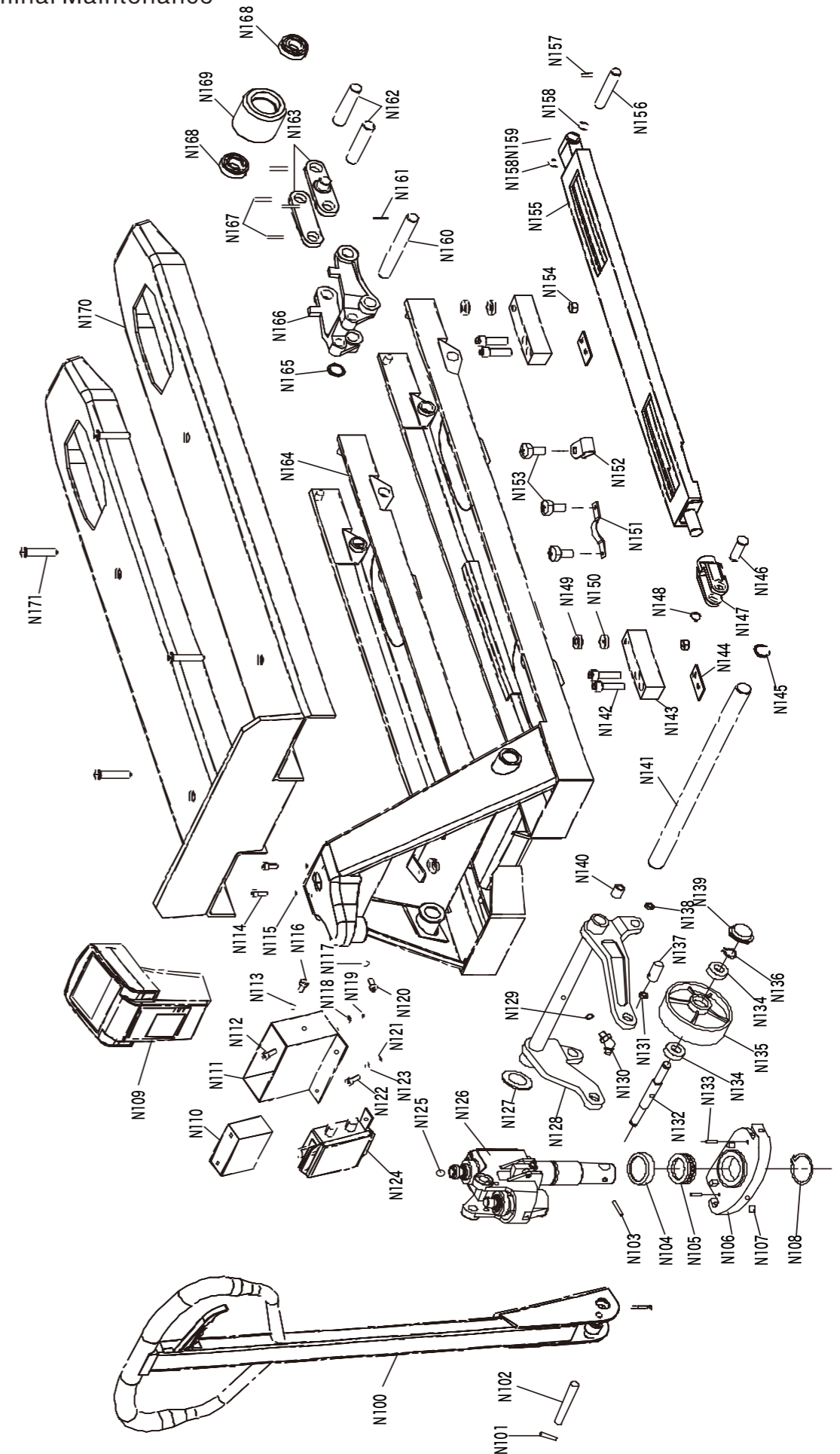
Display highest possible resolution (30'000d)

F6.10   Reset All

General Reset: This reset will reset all parameters in setup except Metrology,

Scale build, GEO value, Linearity/Calibration.

11.3.6. F7   Exit Setup

By pressing Enter–Key to save changes and EXIT.

By pressing Tare–Key to abort changes and EXIT.

13.Terminal Maintenance

NO.	Stock No.	Description	Qty.
N100	BJ300105	Handle assembly	1
N101	BZ340138	Elastic Pin	2
N102	LJ320762	Axle with Hole	1
N103	BZ340230	Elastic Pin	1
N104	LJ320354	Dust Cover	1
N105	BZ340143	Thrust Ball Bearing	1
N106	BJ300336	Thrust Plate	1
N107	BZ340212	Cone Oil Cup	1
N108	BZ340229	Circlips for Shaft	1
N109	BJ300415	Weighting Display	1
N110	LJ320825	Storage Battery	1
N111	BJ300398	Cell Box	1
N112	BZ340105	Inner Hexagon Screw	2
N113	BZ340006	Hex Nut	1
N114	BZ340106	Inner Hexagon Screw	2
N115	BZ340107	Spring Washer	2
N116	BZ340105	Inner Hexagon Screw	1
N117	BZ340227	Spring Washer	1
N118	BZ340156	Flat Washer	2
N119	BZ340006	Hex Nut	2
N120	BZ340105	Inner Hexagon Screw	1

N121	BZ340043	Hex Nut	2
N122	BZ340112	Cross Recess Head Screw	2
N123	BZ340044	Flat Washer	4
N124	LJ320822	Junction Box	1
N125	BZ340063	Steel Ball	1
N126	BJ300348	Pump Assembly	1
N127	LJ320358	Flat Washer	2
N128	BJ300339	Welding Parts	1
N129	BZ340130	O–Ring	1
N130	BZ340187	Joint type pressure oil cup	1
N131	BZ340220	Plastic oil free sliding bearing	2
N132	LJ320761	Wheel Axle	1
N133	BZ340228	Elastic Pin	2
N134	BZ340003	Bearing	4
N135	LJ320523	Nylon Wheel	2
	LJ320314	PU Wheel,Red	
	LJ320498	Rubber Wheel, Black	
N136	BZ340002	Circlips for Shaft	2
N137	LJ320772	Pin	2
N138	BZ340220	Plastic oil free sliding bearing	2
N139	LJ320359	Wheel Cap,Black	2
	LJ320362	Wheel Cap,White	

N140	BZ340219	Plastic oil free sliding bearing	2
N141	LJ320771	Long Axis	1
N142	BZ340108	Inner Hexagon Screw	8
N143	LJ320821	Sensor	4
N144	LJ320240	Flat Washer	4
N145	BZ340153	Circlips for Hole	2
N146	LJ320346	Pin	2
N147	BJ300245	Connection Base	2
N148	BZ340142	Circlips for Shaft	2
N149	LJ320242	Convex Washer	4
N150	LJ320241	Concave Washer	4
N151	LJ320244	Sheet line card	2
N152	LJ320243	Plastic wire card	2
N153	BZ340109	Cross Recess Head Screw	6
N154	BZ340235	Hexagon lock nut	4
N155	BJ300113	Push rod components	2
N156	LJ320769	Connecting Shaft	2
N157	BZ340140	Elastic Pin	2
N158	LJ320921	Washer	4
N159	BZ340212	Cone Oil Cup	2
N160	LJ320770	Connecting Shaft	2
N161	BZ340138	Elastic Pin	2

N162	LJ320344	Roller Axle	4
N163	BJ300335	Rocker	4
N164	BJ300204	Frame	1
N165	LJ320357	Washer	4
N166	BJ300337	Roller Frame	2
N167	BZ340138	Elastic Pin	8
N168	BZ340003	Bearing	8
N169	LJ320522	Nylon Wheel	4
	LJ320318	PU Wheel,Red	
N170	BJ300097	Cover Plate	1
N171	LJ320225	Screw	4
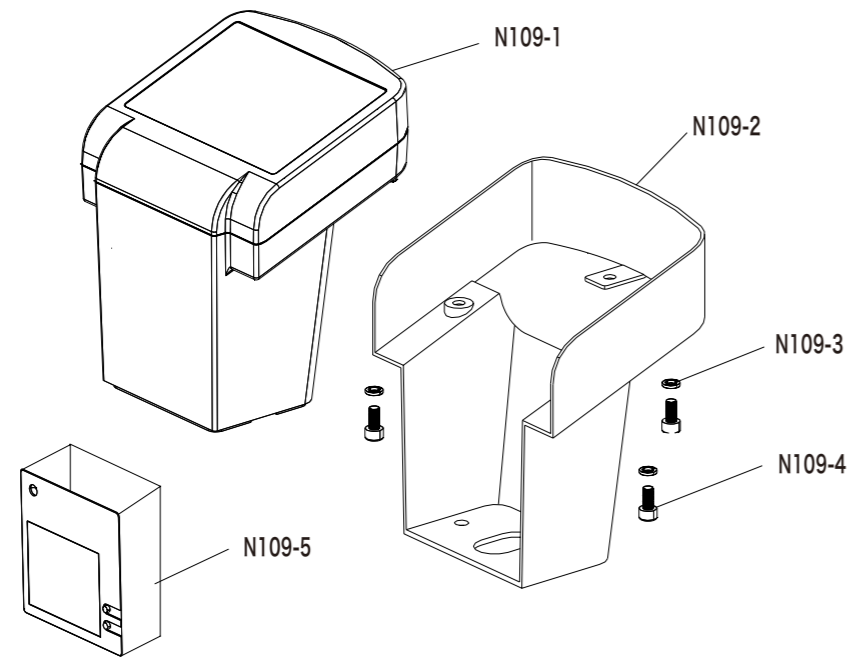
No.	Stock No.	Description	Qty.
N109–1	BJ300370	Indicator without Printer	1
	BJ300371	Opening of Indicator with Printer	1
N109–2	BJ300397	MSP Protecting Cover	1
N109–3	BZ340227	Spring Washer 6	1
N109–4	BZ340237	Inner Hex Screw M6x8	1
N109–5	LJ320807	MSP Printer WH–A6(85mm × 85mm × 37mm)	1
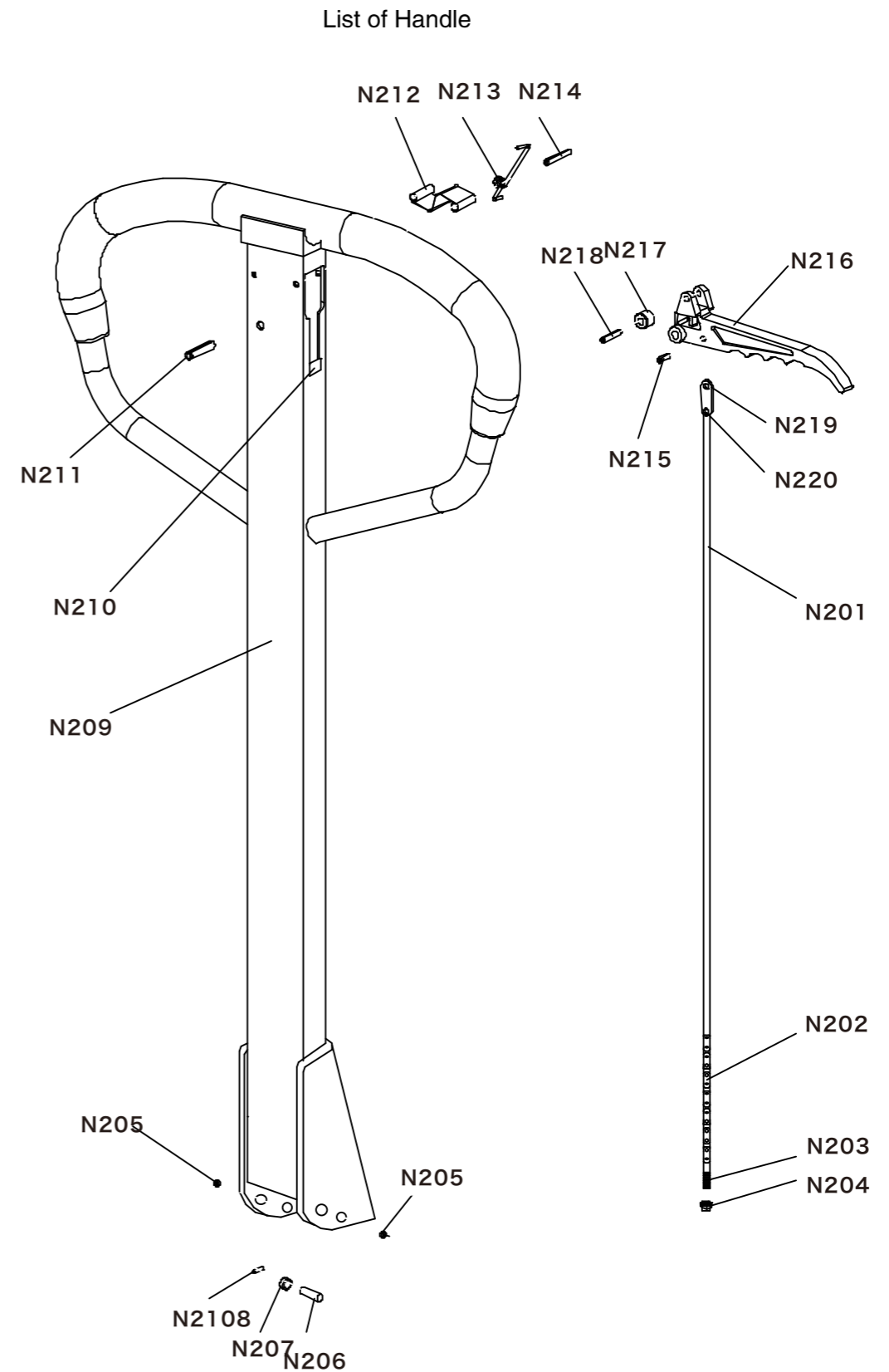
List of Handle

List of Handle

No.	Stock Number	Description	Qty.
N201	LJ320480	Release Rod	1
N202	LJ320481	Chain	1
N203	LJ320482	Adjusting Bolt	1
N204	LJ320483	Adjusting Nut	1
N205	LJ320361	Bushing	2
N206	LJ320350	Roller Pin	1
N207	LJ320310	Pressure Roller	1
N208	BZ340217	Elastic Pin	1
N209	LJ320309	Draw–bar	1
N210	LJ320297	Rubber Sheet	1
N211	BZ340122	Elastic Pin	1
N212	LJ320484	Locating Plate	1
N213	LJ320485	Spring	1
N214	BZ340120	Elastic Pin	1
N215	BZ340123	Elastic Pin	1
N216	LJ320306	Control Handle	1
N217	LJ320305	Roller	1
N218	BZ340121	Elastic Pin	1
N219	LJ320307	Pull Board	1
N220	BZ340124	Pin	1

List of Pump
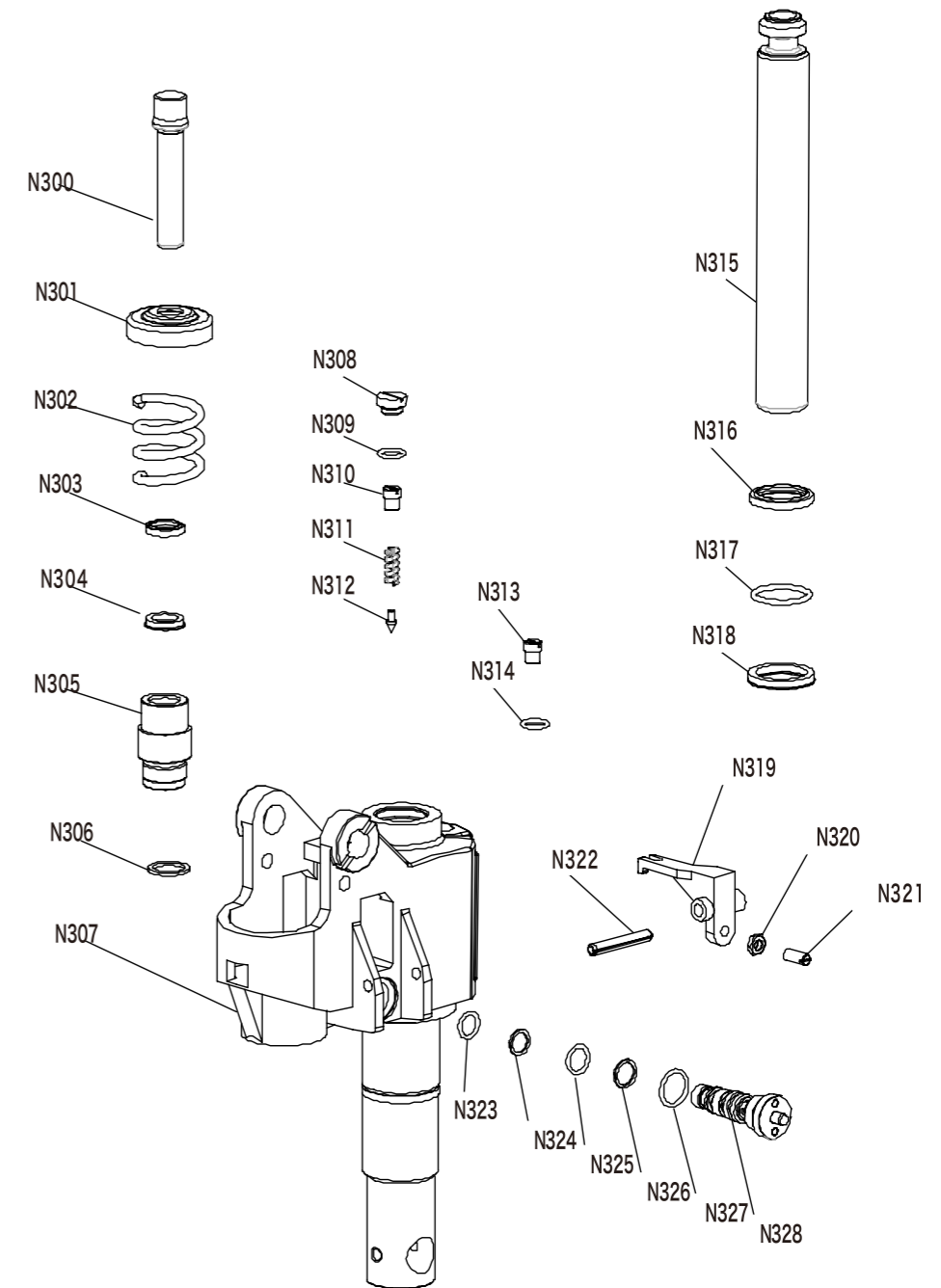
No.	Stock No.	Description	Qty.
N300	LJ320754	Pump Piston	1
N301	LJ320755	Spring Cap	1
N302	LJ320756	Spring	1
N303	BZ340101	DHS18	1
N304	BZ340137	UHS18	1
N305	LJ320758	Pump Body	1
N306	LJ320753	Copper Washer	1
N307	BJ300333	Valve Body Welding, Silver Grey	1
N308	LJ320750	Screw Plug	1
N309	BZ340239	O–Ring	1
N310	LJ320752	Screw	1
N311	LJ320224	Spring	1
N312	LJ320768	Safety Valve Core	1
N313	LJ320751	Screw	1
N314	BZ340135	Washer	1
N315	LJ320757	Piston Rod	1
N316	BZ340081	DHS35	1
N317	BZ340226	O–Ring	1
N318	BZ340221	UHS35	1
N319	BJ300334	Lever Plate, Silver Grey	1
N320	BZ340021	Thin Hex Nut	1

N321	BZ340020	Slotted set screw	1
N322	BZ340225	Elastic Pin	1
N323	BZ340222	O–Ring	1
N324	LJ320749	O–Ring	1
N325	BZ340223	O–Ring	1
N326	LJ320748	O–Ring	1
N327	BZ340132	O–Ring	1
N328	BJ300396	Spindle of Pump Assembly	1