

- 1. Low Label Sensor
- 2. Electronics Module including Control Panel
- 3. Air Assist Assembly
- 4. Rewind Assembly
- 5. Unwind Assembly

Figure C-1. Base Module

Description
Electronics module with control panel
Unwind Assembly
Air Assist Assembly
Rewind Assembly
Low Label Sensor

Table C-1: Base Module Part Description

In addition to the base module components, there are various application modules:

- Blow
- Tamp

- Tamp jet
- HD LS tamp
- Adjustable swing arm tamp, and swing arm tamp
- Two panel tamp
- Corner wrap

## Electronics Module and Low Label Sensor

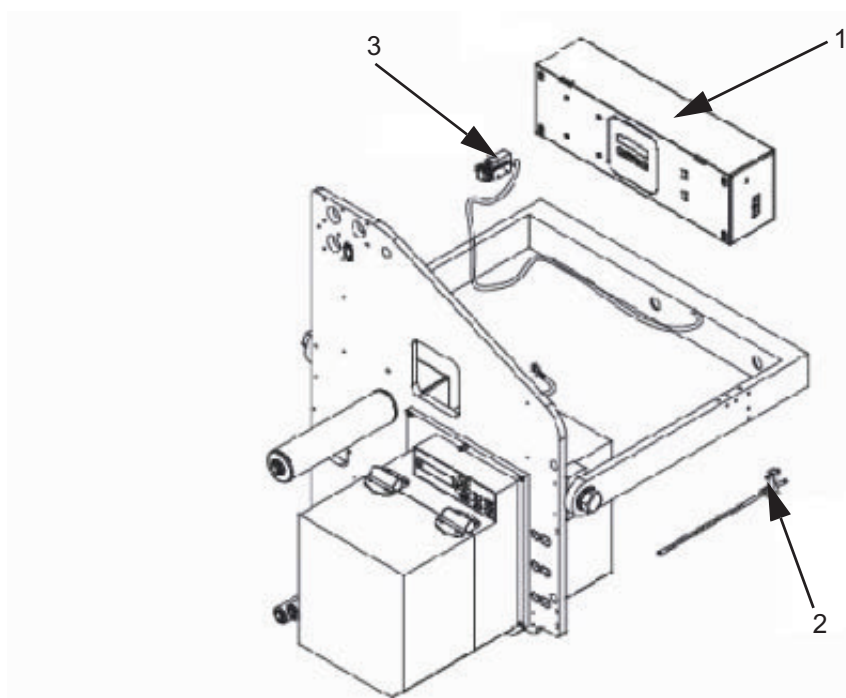


Figure C-2. Electronics Module and Low Label Sensor

Fig No	Part No	Description
1	SP40348400-01	Electronics Module-English <sup>a</sup>
2	80100402	Air Assist Kit 220 mm
2	80100401	Air Assist Kit 160 mm
3	SP40348385	Low Label Sensor

Table C-2: Electronics Module and Low Label Sensor

a. Modules are available with different languages installed, English used as an example

Table C-3 shows the different languages available along with the language codes.

Language	Code
English	-01
French	-02
German	-03
Spanish	-04
Portuguese	-05
Dutch	-09

Table C-3: Language Codes

## Unwind Assembly

Figure C-3 shows the spare parts of the unwind assembly.

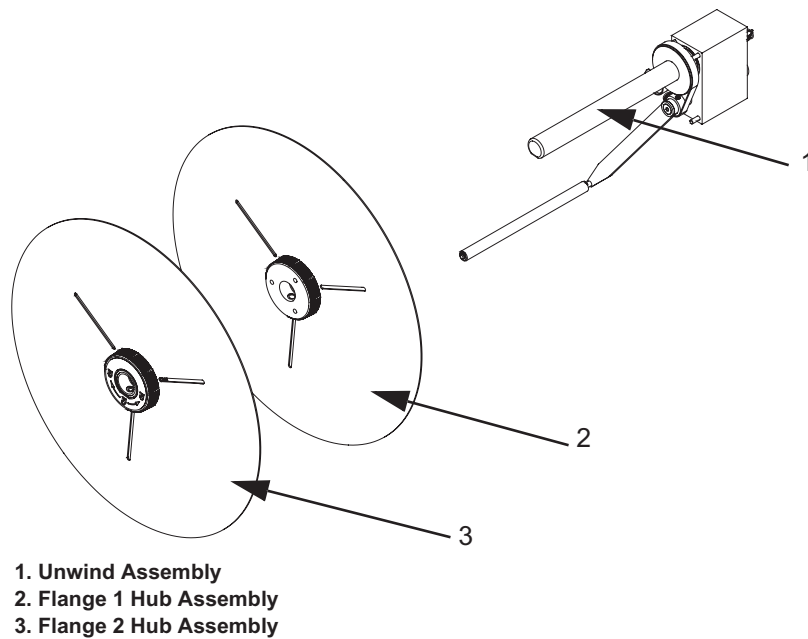


Figure C-3. Unwind Assembly

The unwind is available in a number of configurations, either as complete modules or as sub assemblies.

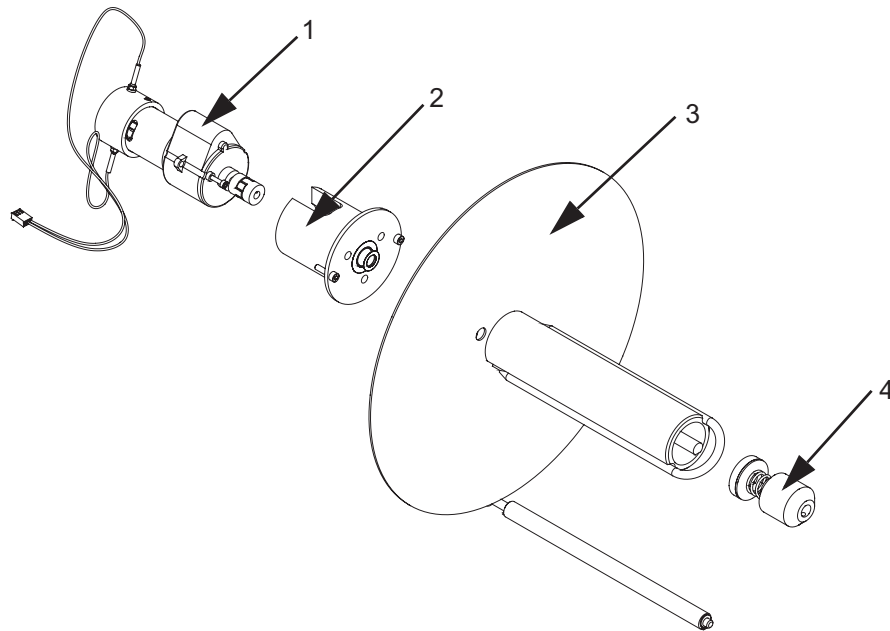
Part Number	Description
SP40348357	Assy Unwind 350MM-LPA-LH-IW-Spare
SP40348323	Assy Unwind 350MM-LPA-RH-IW-Spare
SP40348324	Assy Unwind 350MM-LPA-LH-Spare
SP40348325	Assy Un-Wind 350MM-LPA-RH-Spare
SP40348339	Assy, Unwind 400MM-LPA-LH-Spare
SP40348340	Assy, Unwind 400MM-LPA-RH-Spare
SP40348356	Assy, Unwind 400MM-LPA-LH-160-Spare
SP40348357	Assy, Unwind 400MM-LPA-RH-160-Spare
SP40348358	Assy Un-Wind 350MM-LPA-LH-IW-160-Spare
SP40348359	Assy Un-Wind 350MM-LPA-RH-IW-160-Spare
SP40348361	Assy Un-Wind 350MM-LPA-LH-160-Spare
SP40348362	Assy Un-Wind 350MM-LPA-RH-160-Spare
<b>Separate Flange Assemblies</b>	
SP40348355	Assy, Flange Two Hub 400mm Dia-Spare
SP40348360	Assy, Flange Single Hub 400mm Dia-Spare
SP40348327	Assy, Flange-350mm-1hub-Spare
SP40348328	Assy, Flange-350mm-2hub-Spare

Table C-4: Unwind Assembly Parts Description

## Rewind Assembly

The rewind assembly consists of different spare parts, which are grouped into kits.

Figure C-4 shows the kits that form the rewind assemblies. Note the wide and narrow differences.



- 1. Rewind Motor
- 2. Rewind Motor Flange Mount
- 3. Waste Take Up Spindle
- 4. Rewind Motor Clutch

*Figure C-4. Rewind Assembly*

## Rewind Motor

The rewind motor consists of the following spare parts:

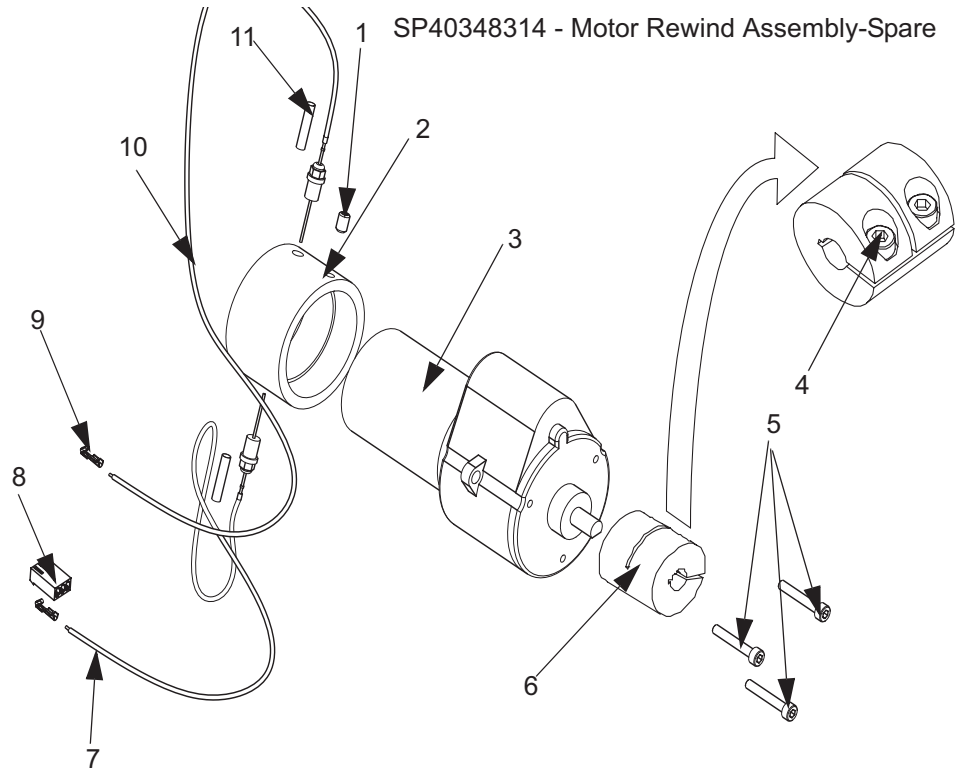


Figure C-5. Rewind Motor Spares

Fig. No.	Qty.	Description
1	1	Screw, Socket Set, SS M4 x 6
2	1	Cap, Motor
3	1	Motor, Rewind 125 RPM 24 VDC 80:1
4	2	Clamp Screws
5	3	Screw, SOC HD, SS M3 x 16
6	2	Coupler, Split-6mm Bore
7	1	Wire, Stranded 22AWG Black
8	1	Connector, 3 Cond. Fem. .100CTR.
9	2	Terminal, Crimp .100
10	1	Wire, Stranded 22AWG Red

Table C-5: Rewind Motor Part Description

Fig. No.	Qty.	Description
11	2	Heat Shrink, 1/8" Black Polyolefin

Table C-5: Rewind Motor Part Description (Continued)

### Rewind Motor Flange Mount

The rewind motor flange mount consists of the following spare parts:

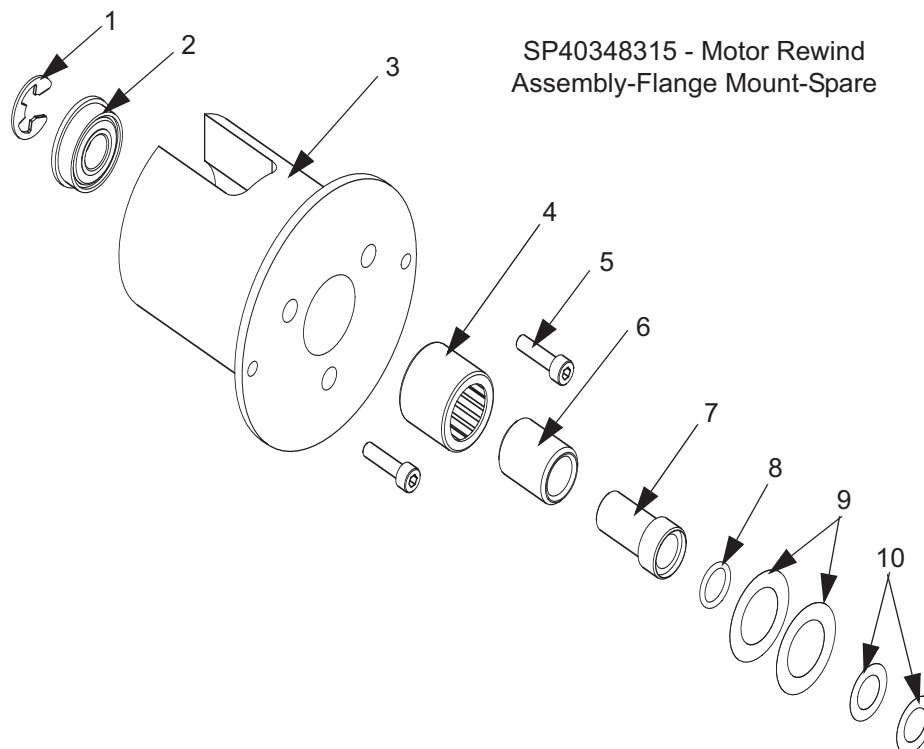


Figure C-6. Rewind Motor Flange Mount Spares

Figure No	Quantity	Description
1	1	Ring, Retaining "E" 5133-37
2	1	Bearing, Ball Flange 3/8x7/8x5/32
3	1	Boss, Bearing Rewind (Dancer) - LPA
4	1	Bearing, Needle 5/8" Bore-7/8" SH-3/4" W
5	2	Screw, SOC HD,SS M4 x 16
6	1	Race, Inner Needle Bearing BH-1012

Table C-6: Rewind Motor Flange Mount Parts Description

Figure No	Quantity	Description
7	1	Bush, Slip Rewind (Dancer) - LPA
8	1	O Ring, Teflon 3/8" x 1/2" x 1/16"
9	2	Shim, 0.002" Thick, 5/8" ID, 1" OD
10	2	Shim .002" Thick, 3/8"-ID, 5/8" OD

Table C-6: Rewind Motor Flange Mount Parts Description (Continued)

### Rewind Motor Clutch

The rewind motor clutch consists of the following spare parts:

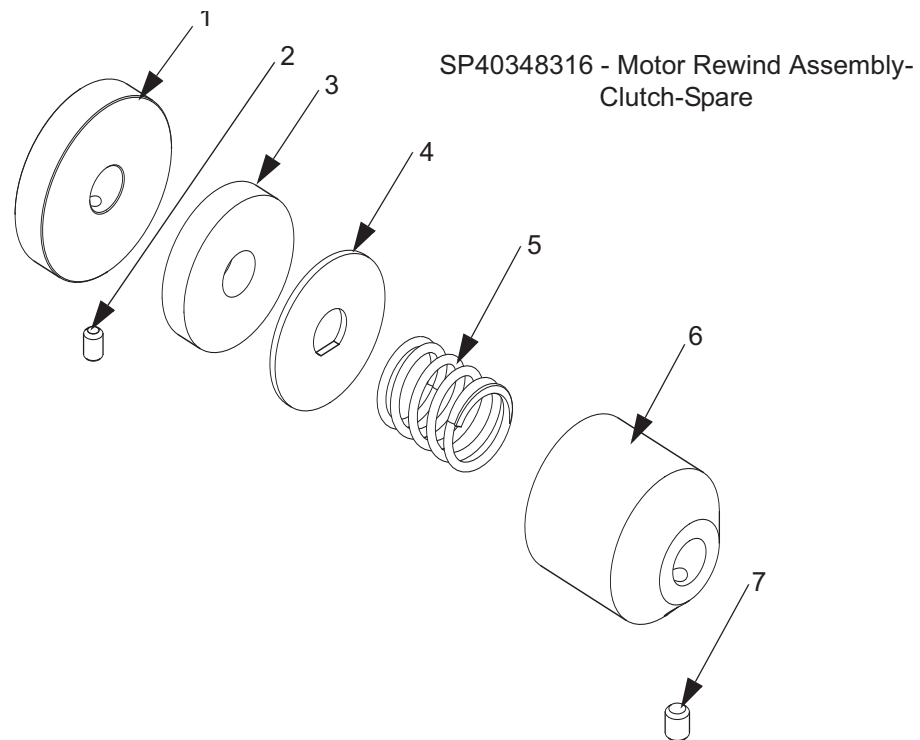


Figure C-7. Rewind Motor Clutch Spares

Figure No	Quantity	Description
1	1	Thrust Bearing, Rewind Spindle
2	1	Screw, Socket Set SS M4 x 6
3	1	Friction Washer, Felt
4	1	Washer, Slip Clutch Pressure

Table C-7: Rewind Motor Clutch Parts Description



Figure No	Quantity	Description
5	1	Spring, Compression .72 OD x .88L x .072 Wire
6	1	Collar, Rewind Tension
7	1	Screw, Socket Set SS M5 x 6

Table C-7: Rewind Motor Clutch Parts Description (Continued)

**Waste Take Up Spindle - Wide**

The waste take up spindle consists of the following spare parts:

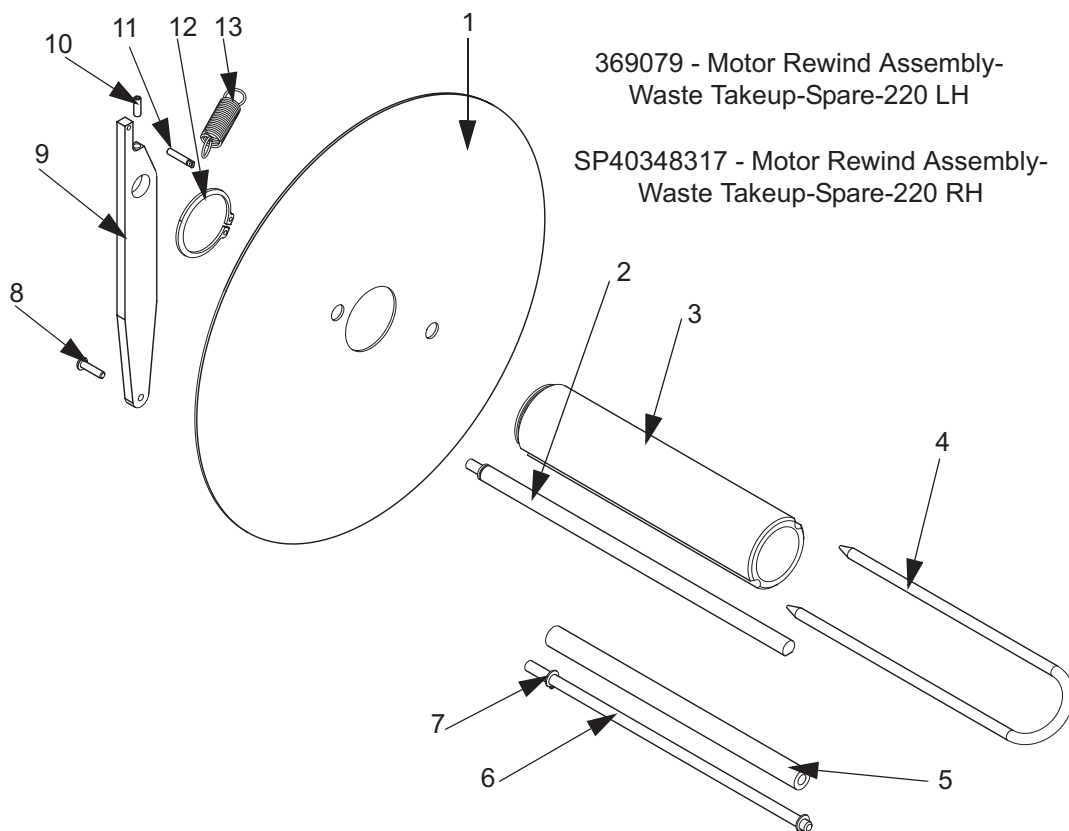


Figure C-8. Waste Take Up Spindle - Wide

Figure No	Quantity	Description
1	1	Flange, Rewind LPA-278 Dia
2	1	Shaft, Motor Rewind - LPA

Table C-8: Waste Take Up Spindle (Wide) Parts Description

Figure No	Quantity	Description
3	1	Spindle, Rewind (Dancer) - LPA
4	1	Lock Pin, Take Up 6"
5	1	Roller, Dancer 2610XL
6	1	Shaft, OD 6.35mm X 224, M4F
7	2	Ring, Retaining EXT Grip Locking 7100-25
8	1	Screw, Button HD,SS M4X16
9	1	Arm, Dancer Rewind LPA
10	1	Screw, Socket Set, SS M4x12
11	1	Anchor, Spring 6-32 UNCX5/8"
12	1	Ring, Retaining EXT 40mm
13	1	Spring, 0.5"OD-1.09"LNG-0.049"Wire

*Table C-8: Waste Take Up Spindle (Wide) Parts Description (Continued)*

### Waste Take Up Spindle - Narrow

The waste take up spindle consists of the following spare parts:

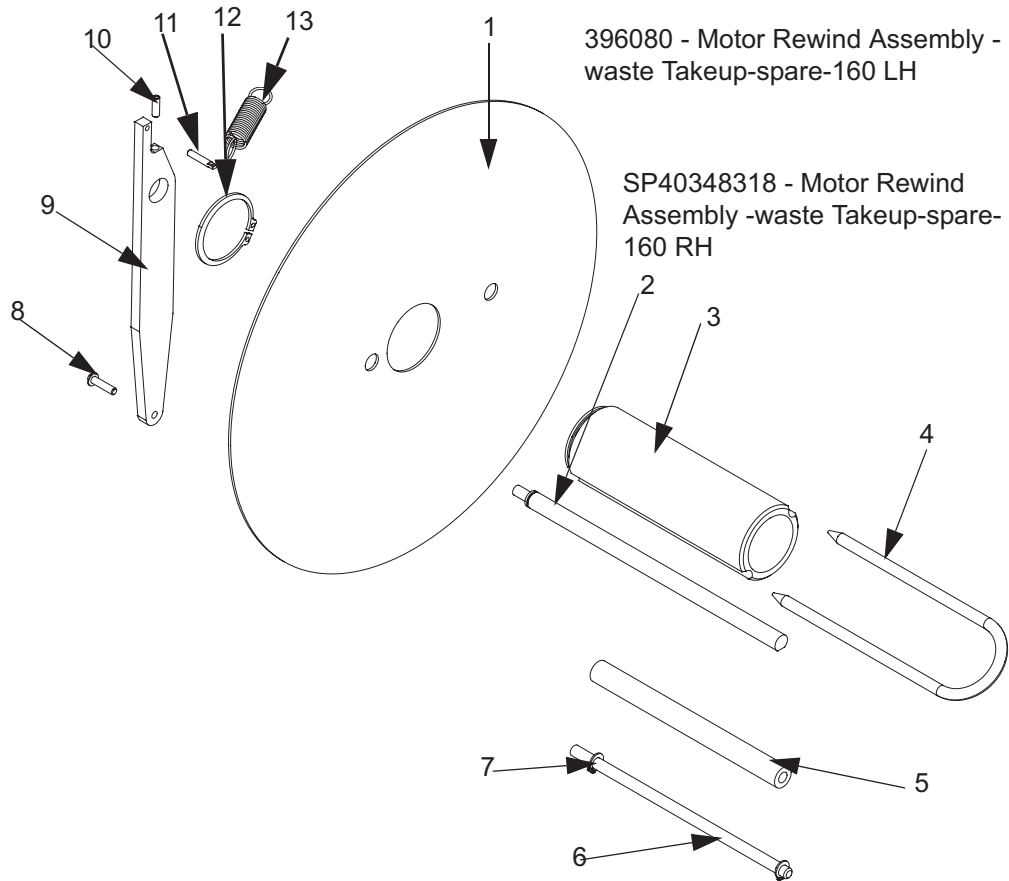


Figure C-9. Waste Take Up Spindle - Narrow

Figure No	Quantity	Description
1	1	Flange, Rewind LPA-278 Dia
2	1	Shaft, Motor Rewind - LPA - 160
3	1	Spindle, Rewind (Dancer) - LPA - 160
4	1	Lock Pin, Take Up 4"
5	1	Roller, Dancer 12.7 OD 140L
6	1	Shaft, OD 6.35mm X 170, M4F
7	2	Ring, Retaining EXT Grip Locking 7100-25
8	1	Screw, Button HD,SS M4X16

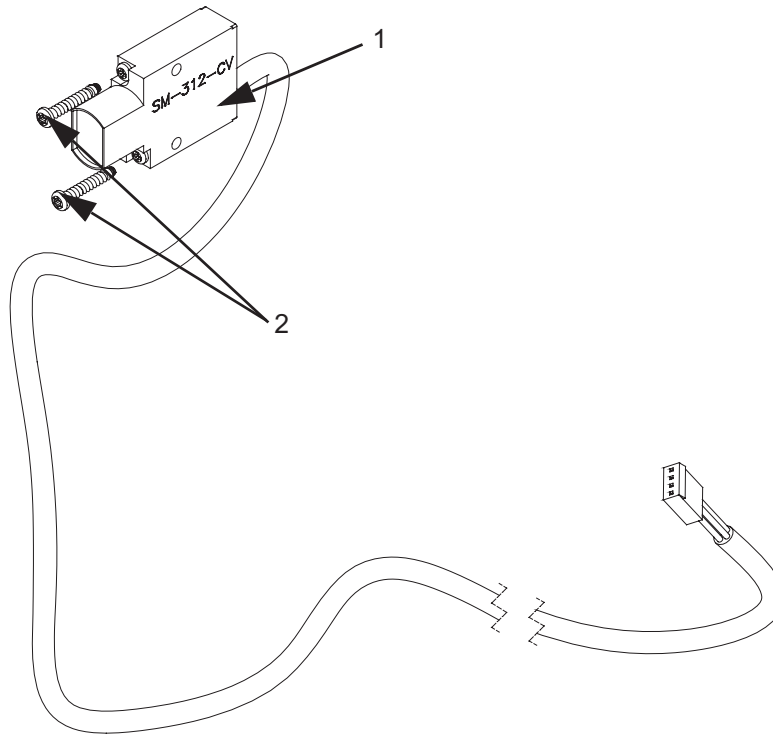
Table C-9: Waste Take Up Spindle (Narrow) Parts Description

Figure No	Quantity	Description
9	1	Arm, Dancer Rewind LPA
10	1	Screw, Socket Set, SS M4x12
11	1	Anchor, Spring 6-32 UNCX5/8"
12	1	Ring, Retaining EXT 40mm
13	1	Spring, 0.5"OD-1.09"LNG-0.049"Wire

*Table C-9: Waste Take Up Spindle (Narrow) Parts Description (Continued)*

### Low Label Sensor - Spare - SP40348385

The low label sensor is one spare item, and it requires the removal of the screws fitted to the front face of the sensor, and then the replacement with the screws supplied, when fitting to the faceplate.



1. Sensor Unit  
2. Replacement Screws

Figure C-10. Low Label Sensor

Figure No	Quantity	Description
—	1	Sensor, Convergent .65" Focal Length
—	1	4 Cond. FEM. .100CTR
—	3	Terminal, Crimp .100
—	2	Screw, Self Tapper D3.0-1.12 Delta PT

Table C-10: Low Label Sensor Parts Description

### Electronic Module - Spare

The Electronic Module (Connector Panel) consists of the following spares:

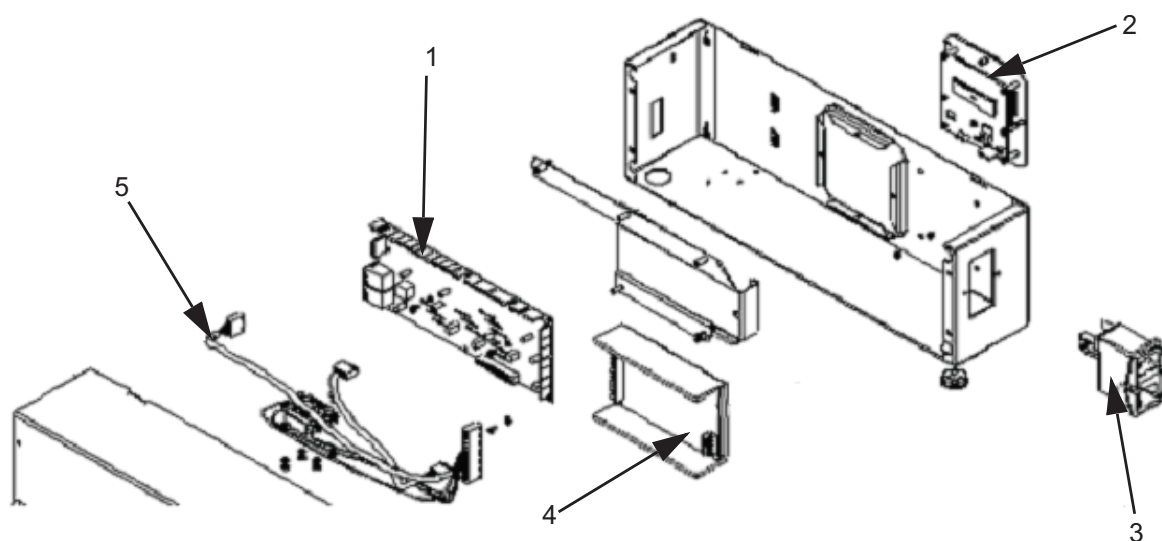


Figure C-11. Electronic Module

Figure No	Part No	Description
1	SP40348410-01	Processor Card PCB - English <sup>a</sup>
2	SP40348415	OCP Panel-Spare
3	SP23110289	Power Entry Module-Spare
4	SP217929	PSU Module-Spare
5	SP40348418	PSU to CPU Harness-Spare

Table C-11: Electronic Module Part Description

a. Part number provided for English. Various languages are available.

Refer Table C-3 on page C-4 for the list of languages along with the codes.

## Basic Tamp Module

The tamp is classified into three lengths, depending upon tamp length 50mm, 160mm and 300mm.

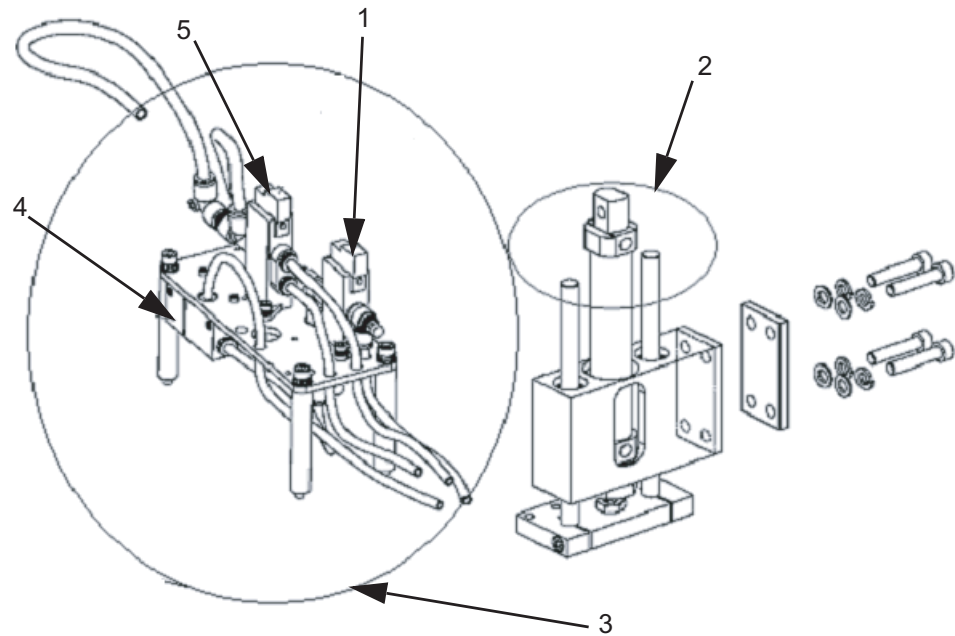


Figure C-12. Base Tamp Module

Figure No	Part No	Description
1	23000049	Air Assist Valve 3/2 Port
2	80100335	50mm Refurb Kit
2	80100336	160mm Refurb Kit
2	80100337	300mm Refurb Kit
3	40342600	Assy, Air Module
4	25000330	Venturi Assembly
5	23000050	Tamp Valve 5/2 Port

Table C-12: Base Tamp Module Parts Description

## Tamp Jet Module

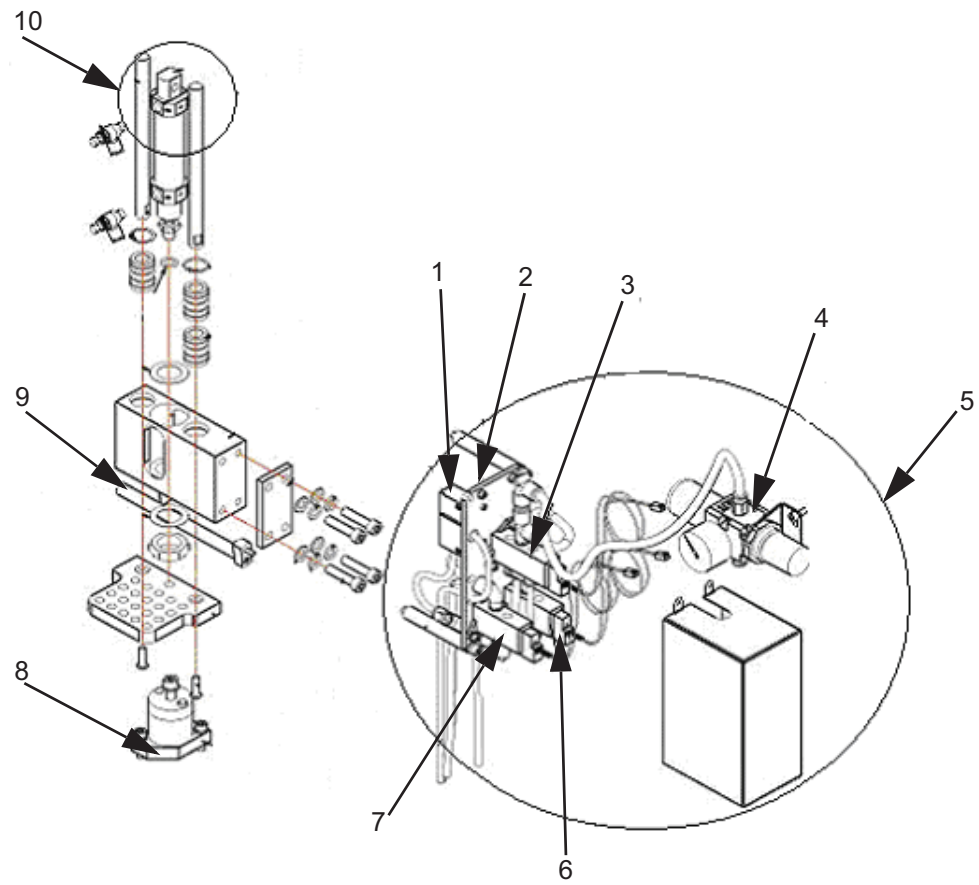


Figure C-13. Tamp Jet Module

Figure No	Part No	Description
1	25000330	Venturi Assembly
2	23000048	Blow Valve 2/2 Port
3	23000050	Tamp Valve 5/2 Port
4	25000220	Regulator
5	40342650	Assy, Air Module Tamp Jet
6	23000049	Air Assist Valve 3/2 Port
7	23000049	Vacuum Control Valve 3/2 Port
8	40348230	Flex Coupling
9	40348165	Tamp Stop

Table C-13: Tamp Jet Module Parts Description



Figure No	Part No	Description
10	80100335	50mm Refurb Kit
10	80100336	160mm Refurb Kit
10	80100337	300mm Refurb Kit

Table C-13: Tamp Jet Module Parts Description (Continued)

## Long Stroke Tamp

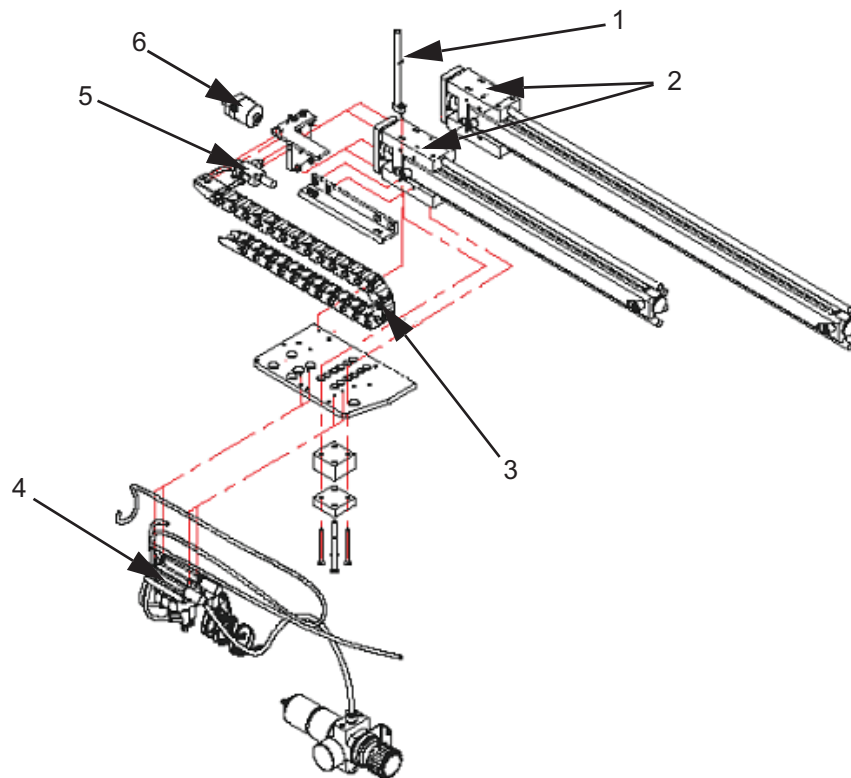


Figure C-14. Long Stroke Tamp

Fig no	Part No	Description
1	40348165	Tamp Home Stop
2	40348180	500mm Cylinder
2	40348210	800mm Cylinder
3	40348155	Chain Link 500mm

Table C-14: Long Stroke Tamp Parts Description

Fig no	Part No	Description
3	40348205	Chain Link 800mm
4	40348620	Air Module Tamp Jet
5	40348600	Venturi
6	40348230	Flex adapter

Table C-14: Long Stroke Tamp Parts Description (Continued)

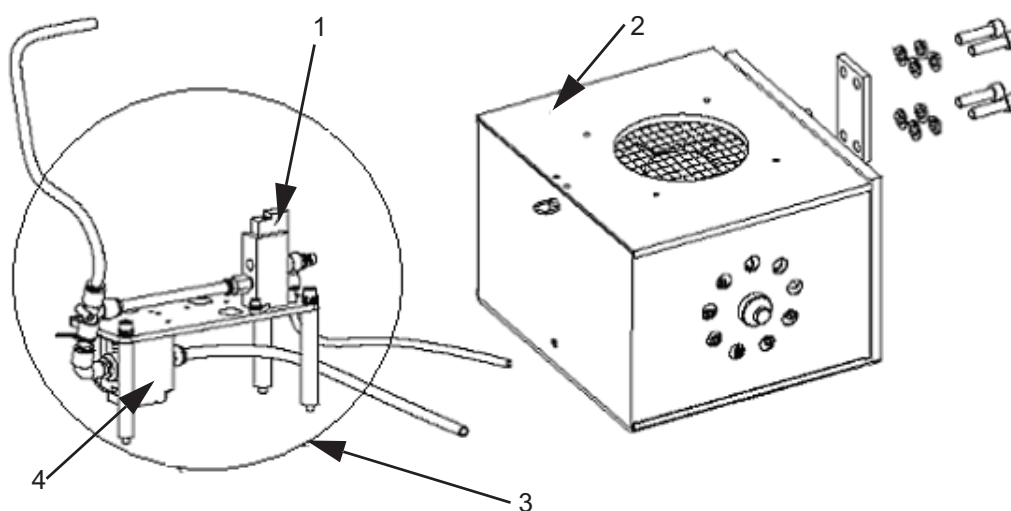
**Blow Module - Standard**

Figure C-15. Blow Module Standard

Fig No	Part No	Description
1	23000049	Air Assist Valve 3/2 Port
2	40337020	Blow Assembly 130 x 180
2	40337030	Blow Assembly 180 x 180
2	40337040	Blow Assembly 130 x 230
2	40337180	Blow Assembly 180 x 230
3	40342610	Assy, Air Module Blow
4	23000048	Blow Valve 2/2 Port

Table C-15: Blow Module Standard Parts Description

Fig No	Part No	Description
Not Shown	22337184	Grid Mask

Table C-15: Blow Module Standard Parts Description (Continued)

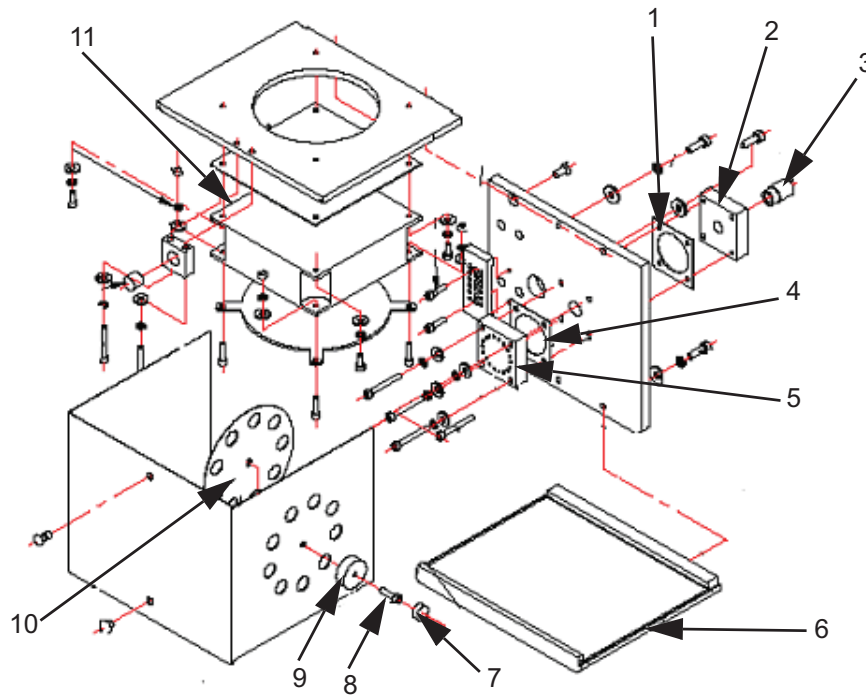


Figure C-16. Vacuum Box

Fig No	Part No	Description
1/4	22100092	Gasket Air Blast Manifold
2	200000591	Block Air Valve
3	20000591	Fitting 8T x ¼ UNI
5	40101170	Manifold Air Blast
6	22333111	Blow Grid 130 x 180
6	22333121	Blow Grid 180 x 180
6	22337044	Blow Grid 130 x 230
6	22337181	Blow Grid 180 x 230
7	20000724	Thumbscrew Knob M4
8	20000595	Screw M4 x 16

Table C-16: Vacuum Box Parts Description

Fig No	Part No	Description
9	22326073	Nut Shutter Locking
10	22326072	Shutter - Vacuum Box
11	24000091	Vacuum Fan

Table C-16: Vacuum Box Parts Description (Continued)

## Zebra Blow Box

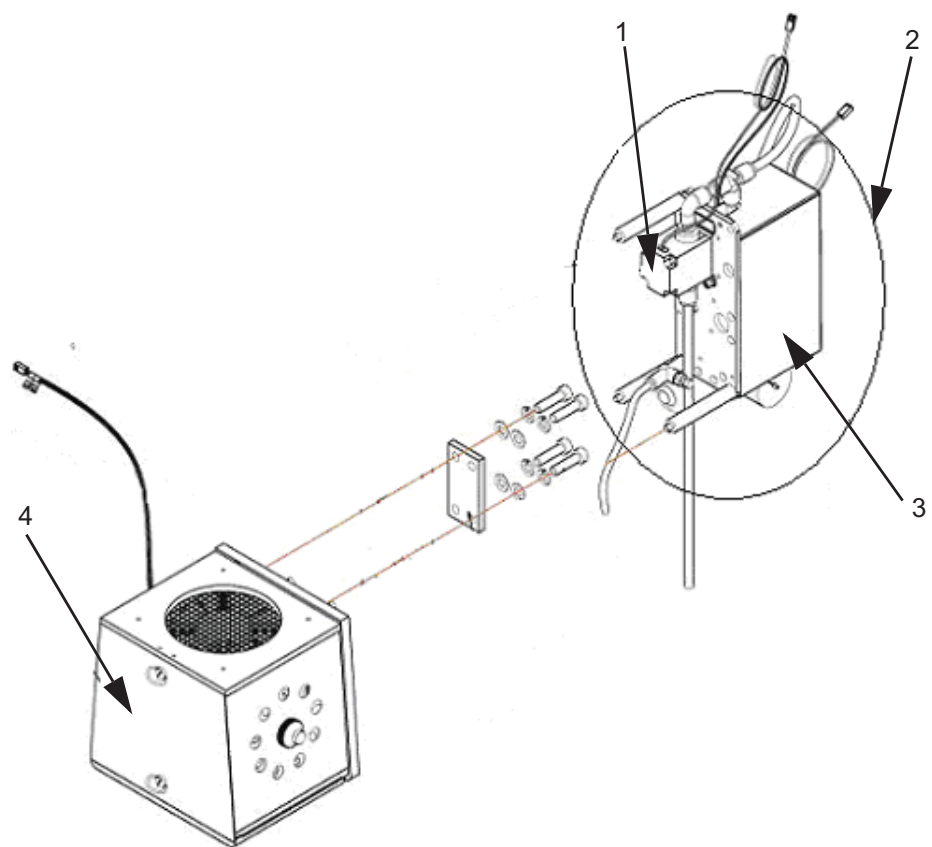


Figure C-17. Zebra Blow Box

Fig No	Part No	Description
1	23000048	Blow Valve 2 Way
2	40342610	Assy, Blow Valve
3	23000049	Air Assist Valve 3 Way

Table C-17: Zebra Blow Box Parts Description

Fig No	Part No	Description
4	40342120	Assy, Blow Box Zebra 110

Table C-17: Zebra Blow Box Parts Description (Continued)

## Swing Arm Module

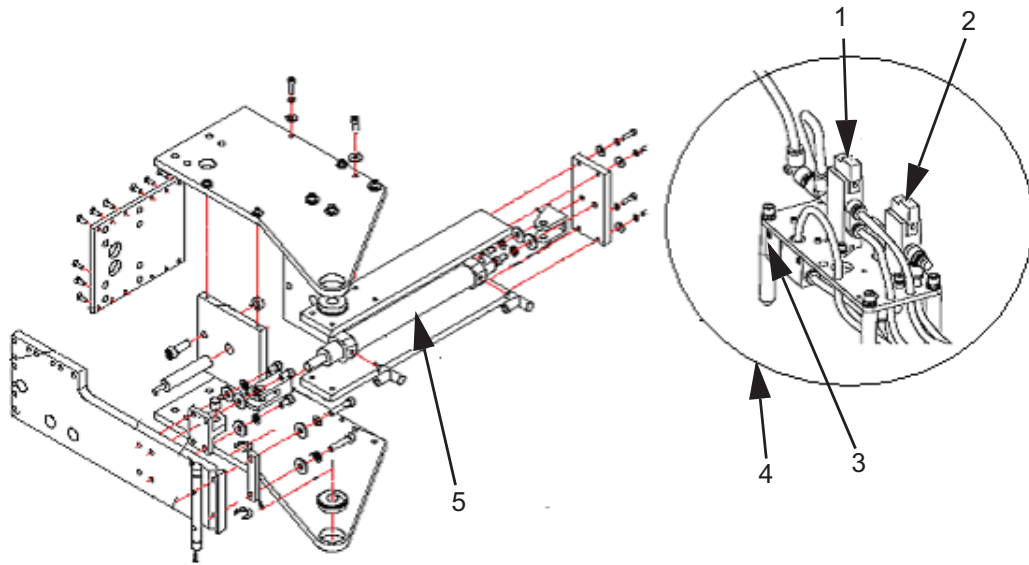


Figure C-18. Swing Arm Module

Fig No	Part No	Description
1	23000050	Valve Tamp 5/2 Port
2	23000049	Valve Air assist 3/2 Port
3	25000330	Venturi assembly
4	40342600	Assy, Air Module Tamp
5	40348240	Cylinder Kit 160mm

Table C-18: Swing Arm Module Parts Description

## Adjustable Swing Arm

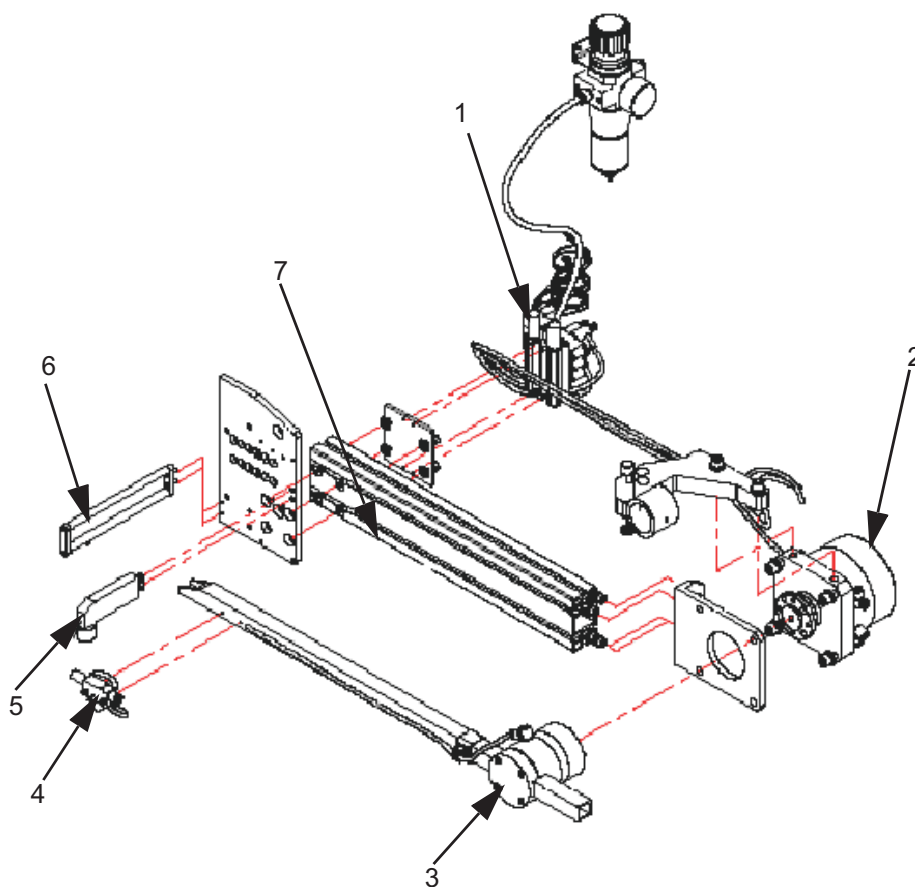


Figure C-19. Adjustable Swing Arm

Fig No	Part No	Description
1	40348610	Air Module
2	40348280	Actuator
3	40348285	Arm Adjust
4	40348600	Venturi
5	40348290	Adjustable Stop
6	40348300	Tamp Stop
7	40348275	Extrusion

Table C-19: Adjustable Swing Arm Parts Description

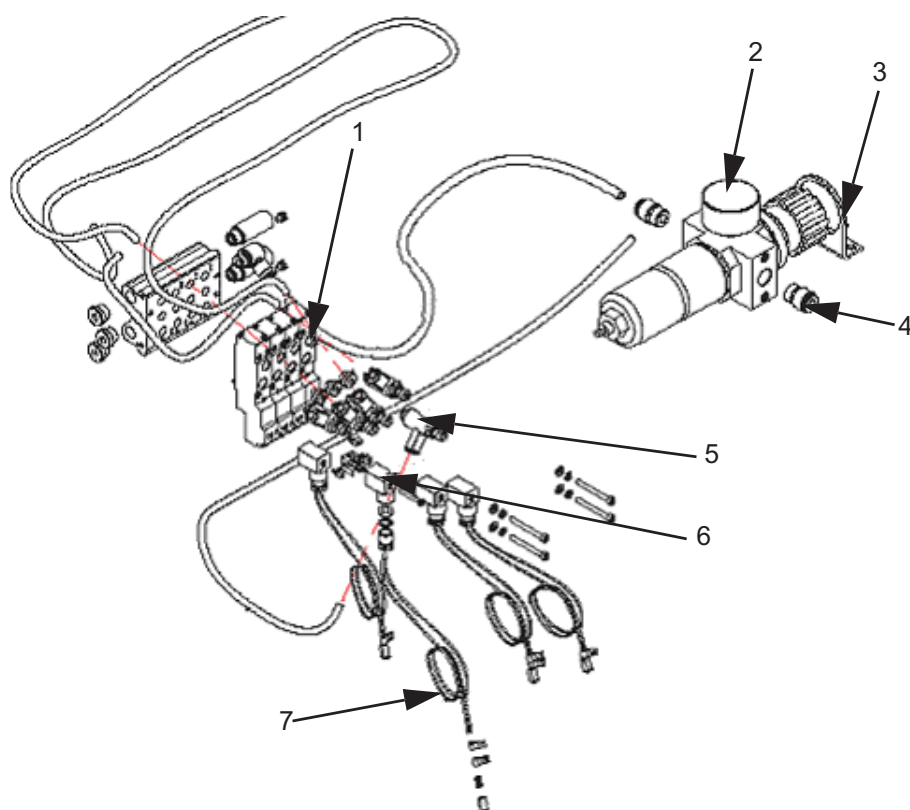
**Swing Arm Air Module - 40348610**

Figure C-20. Swing Arm Air Module - 40348610

Fig No	Part No	Description
1	23000069	Solenoid 24Vdc 5/2 Port
2	25000423	Regulator
3	21000634	Filter regulator bracket
4	25000424	Tube Connector Fitting
5	25000419	6T x G1/8 Flow Control
6	23110414	Solenoid Valve Connector
7	40348700	Connector Cable
Not Shown	219165	Dual Solenoid 5/2 Port

Table C-20: Swing Arm Air Module Parts Description

## Corner Wrap Module

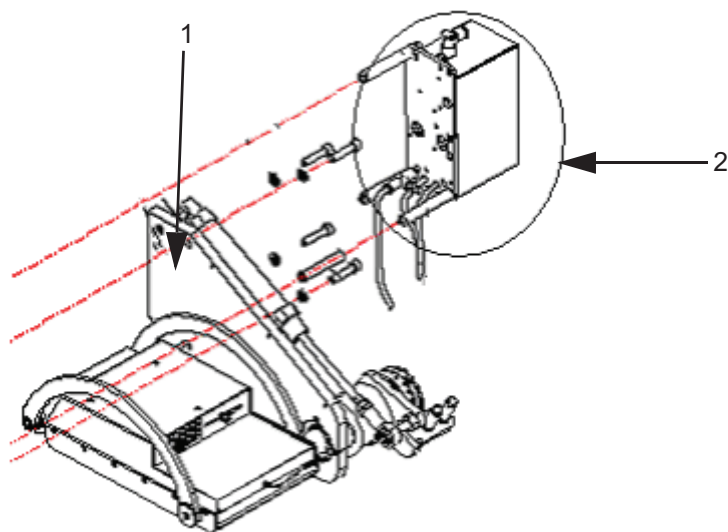


Figure C-21. Corner Wrap Module RH

Fig No	Description	Part Number
1	Assy, Air Module Corner Wrap	40348630
2	Assy, Corner Wrap Module RH	396014
Not shown	Assy, Corner Wrap Module LH	396015

Table C-21: Corner Wrap Module Parts Description



## Assembly Corner Wrap Module

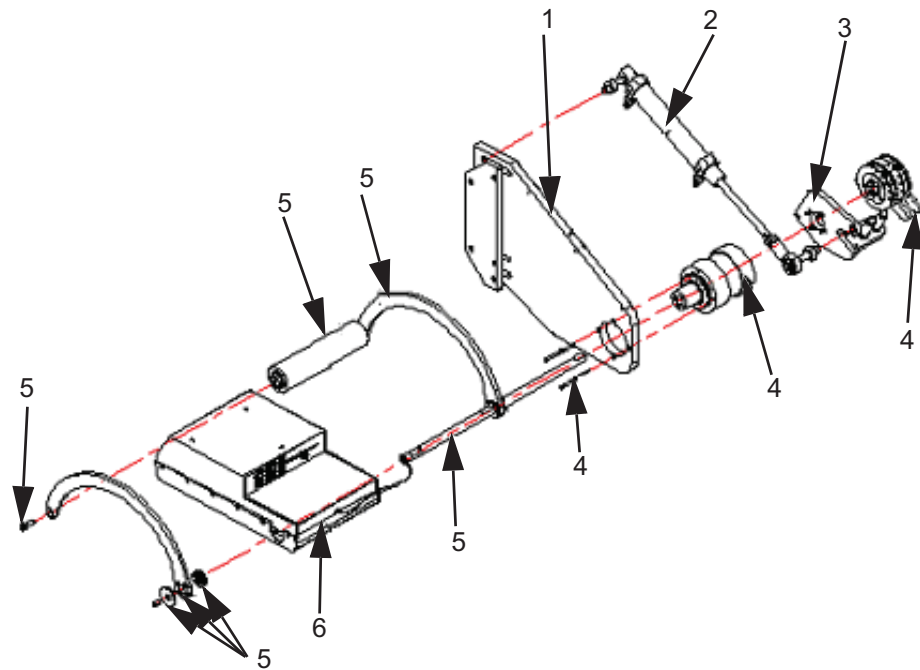


Figure C-22. Assembly Corner Wrap Module

Figure No	Part No	Description
1	40348480	Plate Corner Wrap
2	40348479	Assy, Cylinder Corner Wrap
3	40348481	Assy, Damper Corner Wrap
4	40348482	Assy, Bearing / Stops
5	40348478	Arm/Roller Corner Wrap
6	40348477	Tamp Pad Corner Wrap

Table C-22: Assembly Corner Wrap Module Parts Description

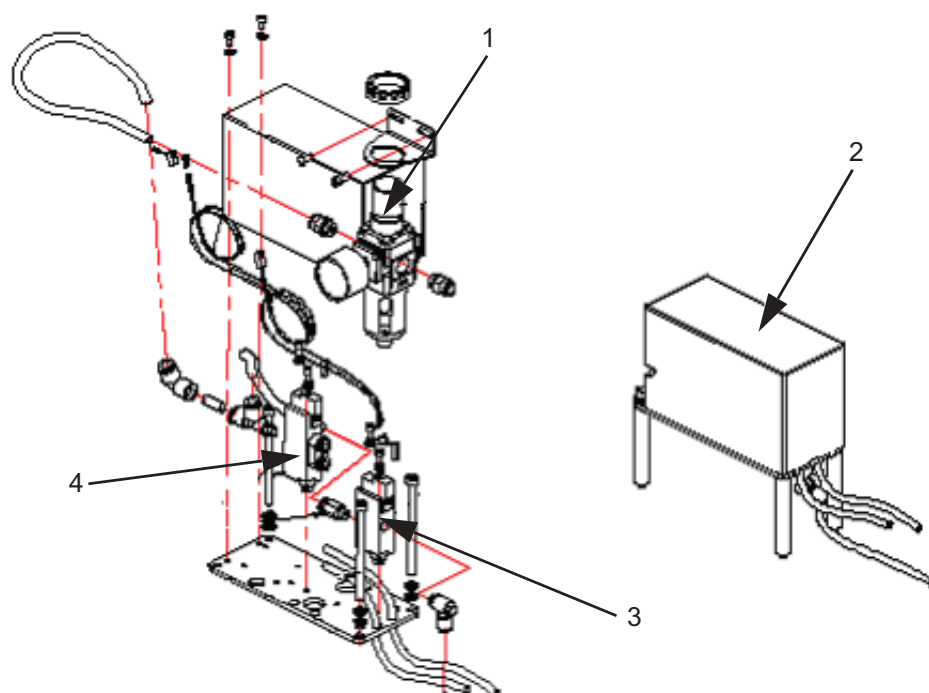
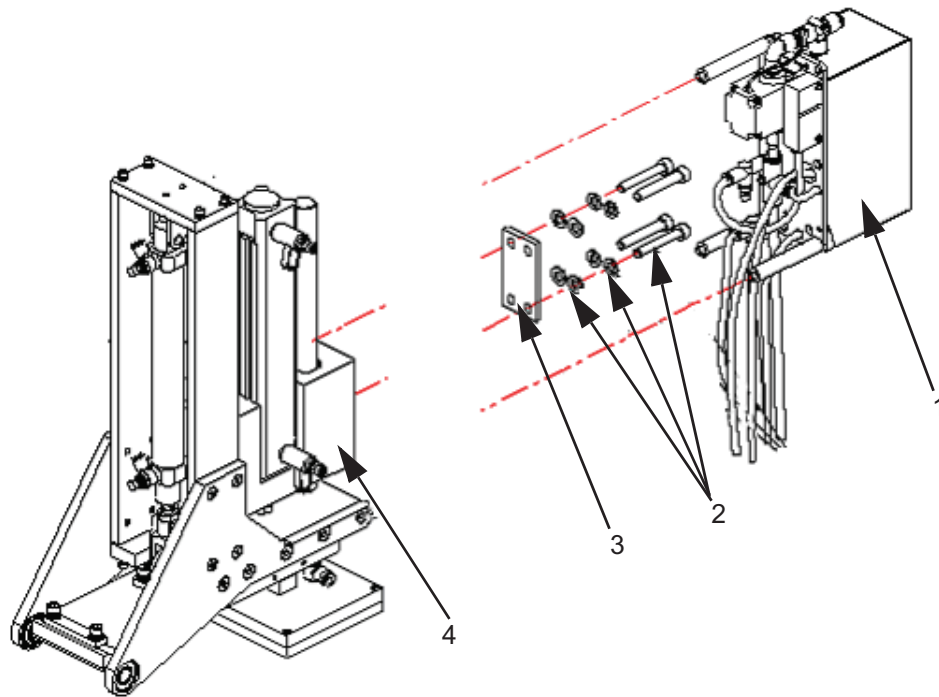


Figure C-23. Corner Wrap Air Module

Figure No	Part No	Description
1	25000220	Air Regulator
2	40348630	Assy, Air Module Corner Wrap
3	23000049	Air Assist Valve 3/2 Port
4	23000050	Tamp Valve 5/2 Port

Table C-23: Assembly Corner Wrap Air Module Parts Description

## Two Panel Module



- 1. Two Panel Tamp Pneumatic Module
- 2. Module Fixing Screws
- 3. Module Clamp Plate
- 4. Two Panel Tamp Application Module

Figure C-24. Two Panel Module

Part No	Description	Fig No
396013	Assy, Two Panel Tamp RH	1
396012	Assy, Two Panel Tamp LH	
40348625	Assy, Air Module Two Panel	2

Table C-24: Two Panel Module Parts Description

### Assembly Two Panel Tamp - 40348185

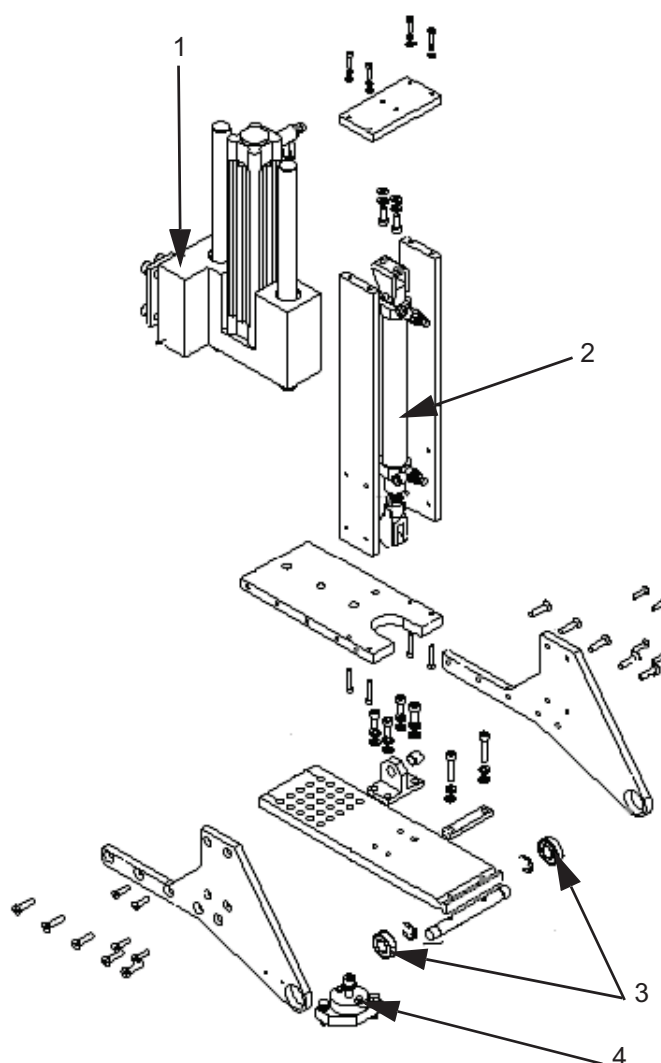


Figure C-25. Assembly Two Panel Tamp

Figure No	Part no	Description
1	40348195	Tamp, Swing 2 Panel
2	40348240	Cylinder Kit 160mm
3	24700085	Bearing Assembly 2 regd
4	40348195	Flex Adapter

Table C-25: Assembly Two Panel Tamp Parts Description

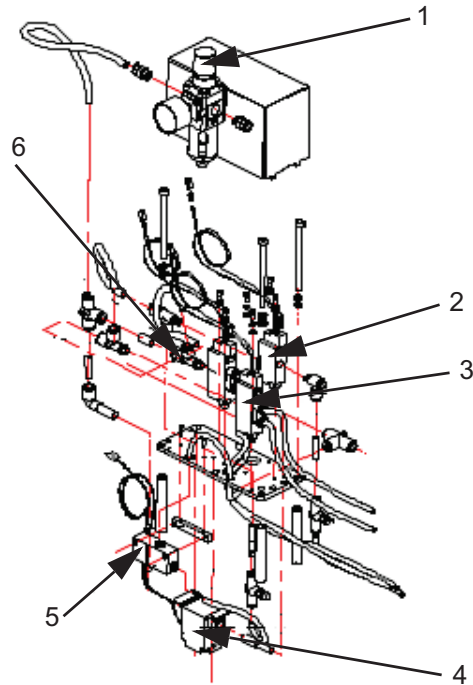
**Two Panel Air Module - 40348625***Figure C-26. Two Panel Air Module*

Figure No	Part No	Description
1	25000220	Regulator
2	23000049	Air Assist Valve 3/2 Port
3	23000050	Tamp Valve 5/2 Port
4	23000048	Blow Valve 2/2 Port
5	25000330	Venturi Assembly
6	23000050	Swing Valve 5/2 Port

*Table C-26: Two Panel Air Module Parts Description*

## Accessories

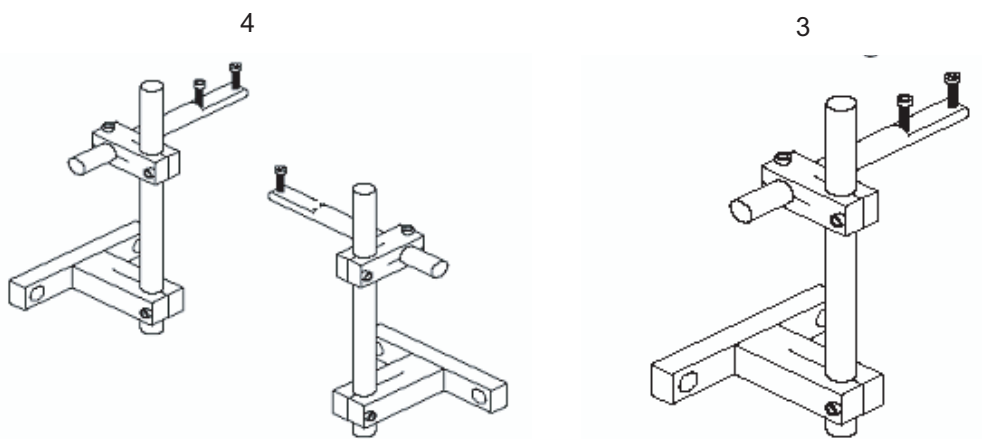
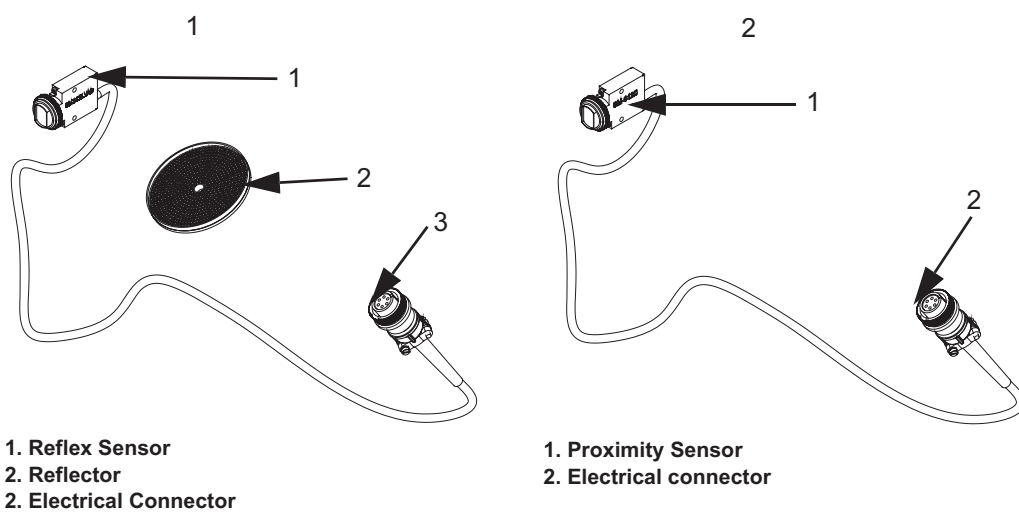
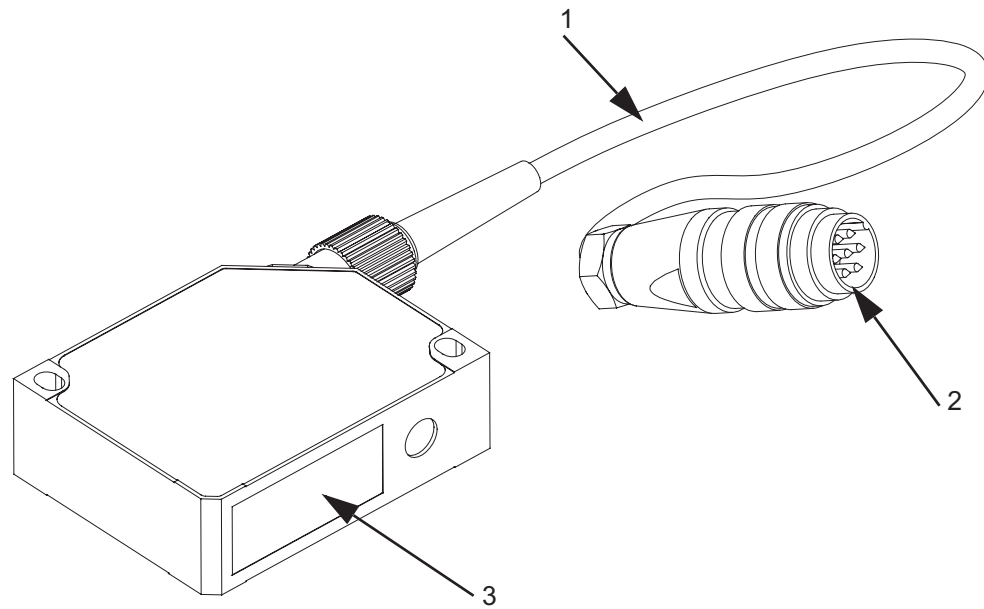


Figure C-27. Accessories

Figure No	Part No	Description
1	40144930	Reflex Photocell
2	80100047	Proximity Photocell
3	42000011	Proximity Mounting Hardware
4	42000009	Reflex Mounting Hardware

Table C-27: Accessories Parts Description

## Height Sensor



- 1. Sensor Lead
- 2. 7-pin DIN Connector
- 3. Laser Height Sensor

Figure C-28. Height Sensor

Part No	Description
396018	Height Sensor

Table C-28: Height Sensor

Beacon Assembly

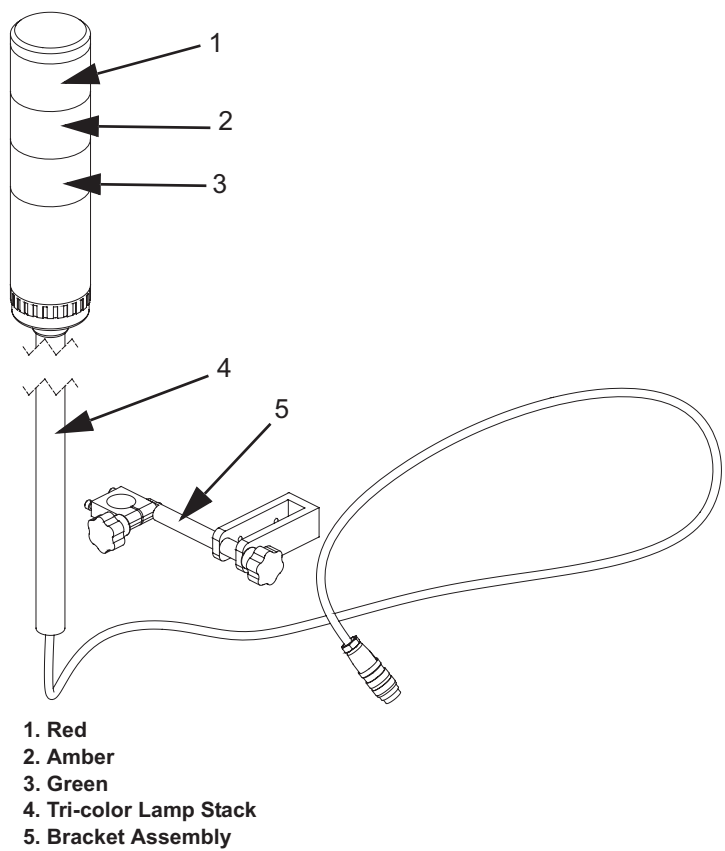
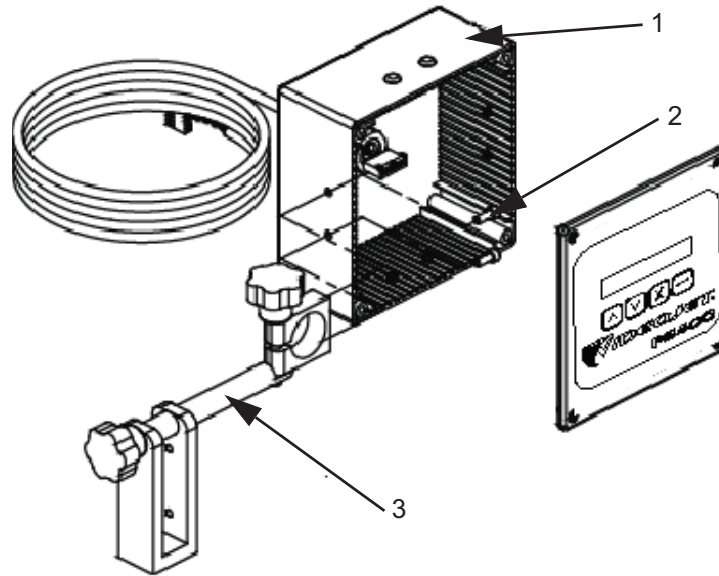


Figure C-29. Beacon Assembly

Part No	Description
396032	Beacon assembly

Table C-29: Beacon Assembly



**Remote OCP Panel (with Uni Brkt - P/N 396031)**

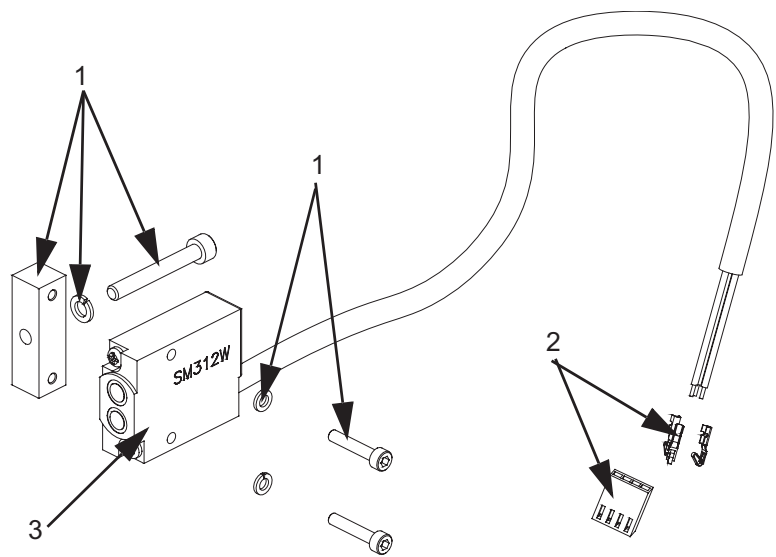
- 1. Assembly, Remote OCP P3400LPA
- 2. Fixing Screws supplied with Bracket Assembly
- 3. Bracket Assembly

*Figure C-30. Remote OCP Panel*

Part no	Description
40348305	Remote OCP Box
40348386	Bracket Assembly

*Table C-30: Remote OCP Panel*

Smart Tamp Assembly



- 1. Smart Tamp Sensor Fixing Components
- 2. Smart Tamp Sensor Electrical Components
- 3. Smart Tamp Sensor

Figure C-31. Smart Tamp Assembly

Part No	Description
40333740	Smart Tamp Sensor

Table C-31: Smart Tamp Assembly

## Shaft Encoder Kit

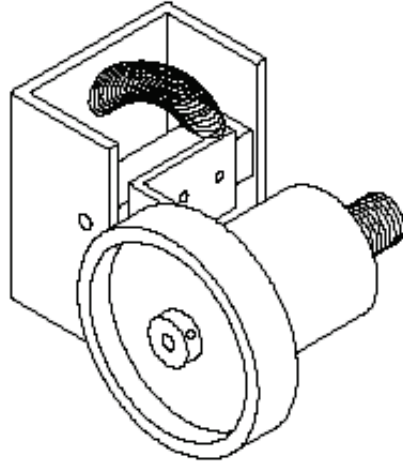


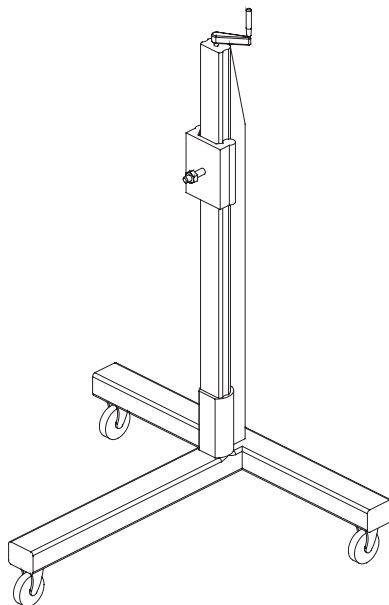
Figure C-32. Shaft Encoder Kit

Part No	Description	Fig No
40331750	Shaft Encoder Kit	1
40331010	Cable Encoder 3 Mtr	2
80200252	Cable Encoder 6 Mtr	3

Table C-32: Shaft Encoder Kit

## T Base Assembly

28000179



80100400

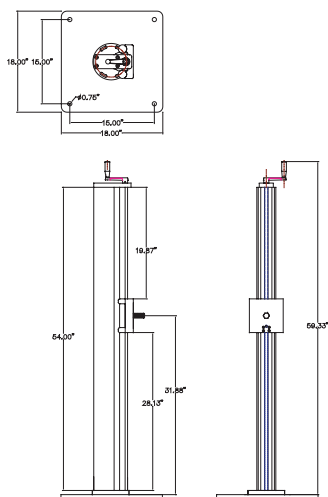


Figure C-33. T Base Assembly

## Basic Spares Kit - 396029

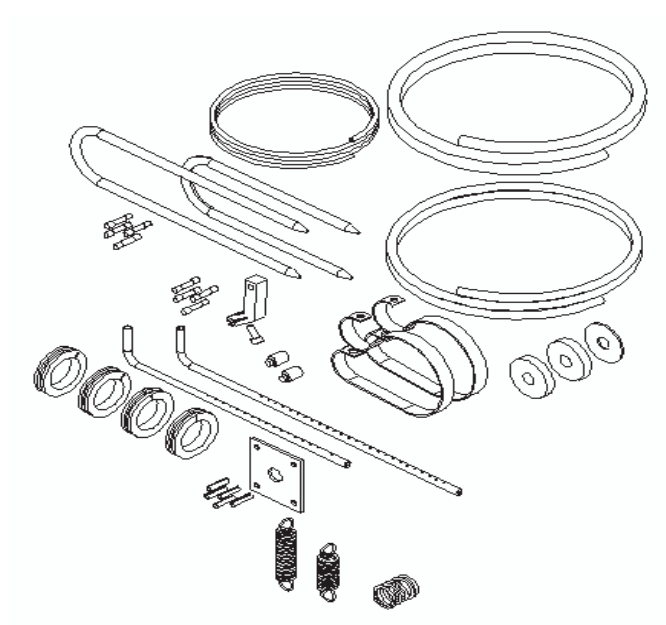


Figure C-34. Basic Spares Kit

Part No	Description
22337004	Bracket Air Assist
20000599	Screw, M4 x 10mm
22333091	Tube Air Assist 220mm
22333082	Tube Air Assist 160mm
20000976	Screw, Nylon Tip M8 x 12
217912	Spring
217921a	Spring
21000118	Spring Compression
22260308	Friction Washer, Felt
22260307	Washer Slip Clutch Pressure
22100092	Gasket Air Blast Manifold
22100558	Lock Pin, Take Up 220mm
22100066	Lock Pin, Take Up 160mm
22348350	Brake Band Unwind

Table C-33: Basic Spares Kit

Part No	Description
23220027	Fuse 3.15amp
23220058	Fuse 6amp
22100111	Insert Tube Vacuum Grid
21000002	Collar Guide 1"ID
11100001	Tubing 1/8 OD
11100083	Tubing 6mm OD
11100084	Tubing 8mm OD

Table C-33: Basic Spares Kit

### Comprehensive Spares Kit - 396030-XX<sup>1</sup>

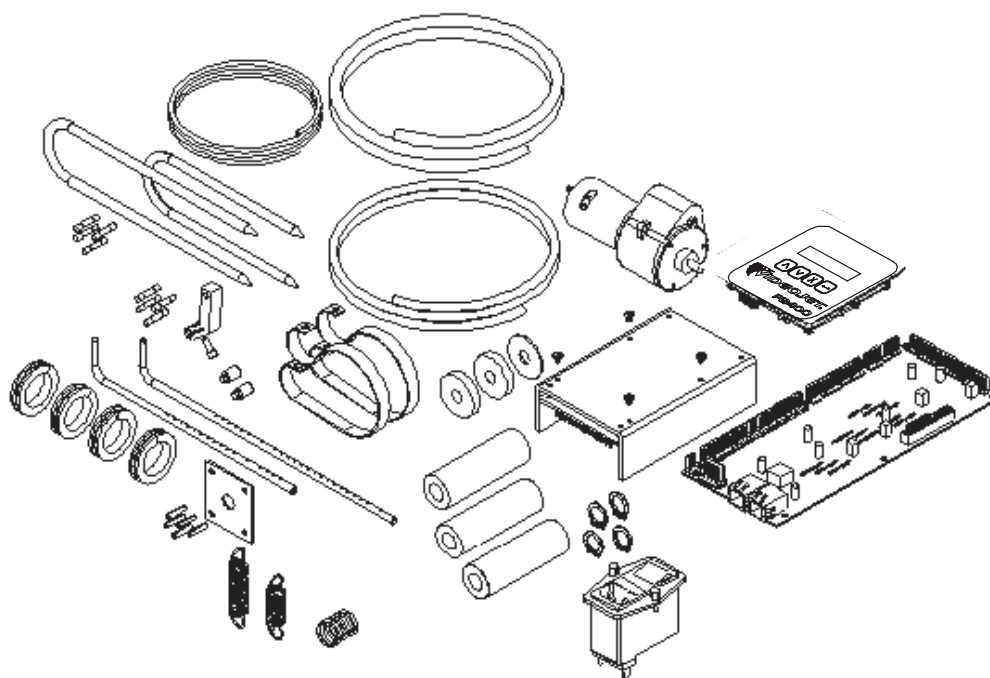


Figure C-35. Comprehensive Spares Kit

1. This kit includes an assembly, PCB Processor LPA, which is available in several different languages; replace XX with the appropriate two digit language code (Refer Table C-3 on page C-4). Example 396030-01 = English.

Part No	Description
396029	Basic Spares Kit
40348415	Assy, Key Pad LPA
SP40348410-XX*	Assy, PCB Processor LPA
217929	Power Supply
23110289	Power Entry Module
24000093	Motor Rewind
20000265	Retaining Ring
217933	Screw Flat 6-32x3/16
22337733	Roller Idle

*Table C-34: Comprehensive Spares Kit*

Table C-35 shows the new parts of the P3400 LPA.

396083	Programmable Cable
396078	Dual Sensor

*Table C-35: P3400 LPA New Parts*

Custom serial cable is used to update the P3400 software.

**Note:** Software updates should be performed by qualified service personnel only. Adverse affects to include rendering the unit inoperable can occur if updates are not preformed properly.