



Drawings and Parts

List of Figures

Outer Casings	440
Media Door	442
Rear End Cap	443
Media and Ribbon Path	444
Media Hanger	446
Media Sensors	447
Ribbon Supply Spindle	448
Print Mechanism View 1	449
Print Mechanism View 2	450
Printhead Conversion	451
Platen Housing	452
Static Brush	454
Ribbon Take-up Spindle	455
Drive System Components	456
Electronic Components	457
Main Logic Board	458
Wireless Board	459
Wired Ethernet Board/Internal PrintServer	460
Available Media Handling Options	462
Cutter Option	464
Peel and Rewind Option	465
Liner Take-up Option	466
Inside Coated Ribbon Supply Spindle	467

List of Tables

Outer Casing Components	441
Media Door	442
Rear End Cap	443
Media and Ribbon Path	445
Media Hanger	446
Media Sensors	447
Ribbon Supply Spindle	448
Print Mechanism View 1	449
Print Mechanism View 2	450
Printhead Conversion Kits	451
Platen Housing	453
Static Brush.	454
Ribbon Take-up Spindle	455
Drive System	456
Electronics	457
Main Logic Board	458
Wireless Board	459
Wired Ethernet Board	460
Media Handling Options	463
Cutter Option	464
Peel and Rewind Option	465
Liner Take-up Option	466
Inside Coated Ribbon Supply Spindle	467



Notes • _____

Figure A • Outer Casings

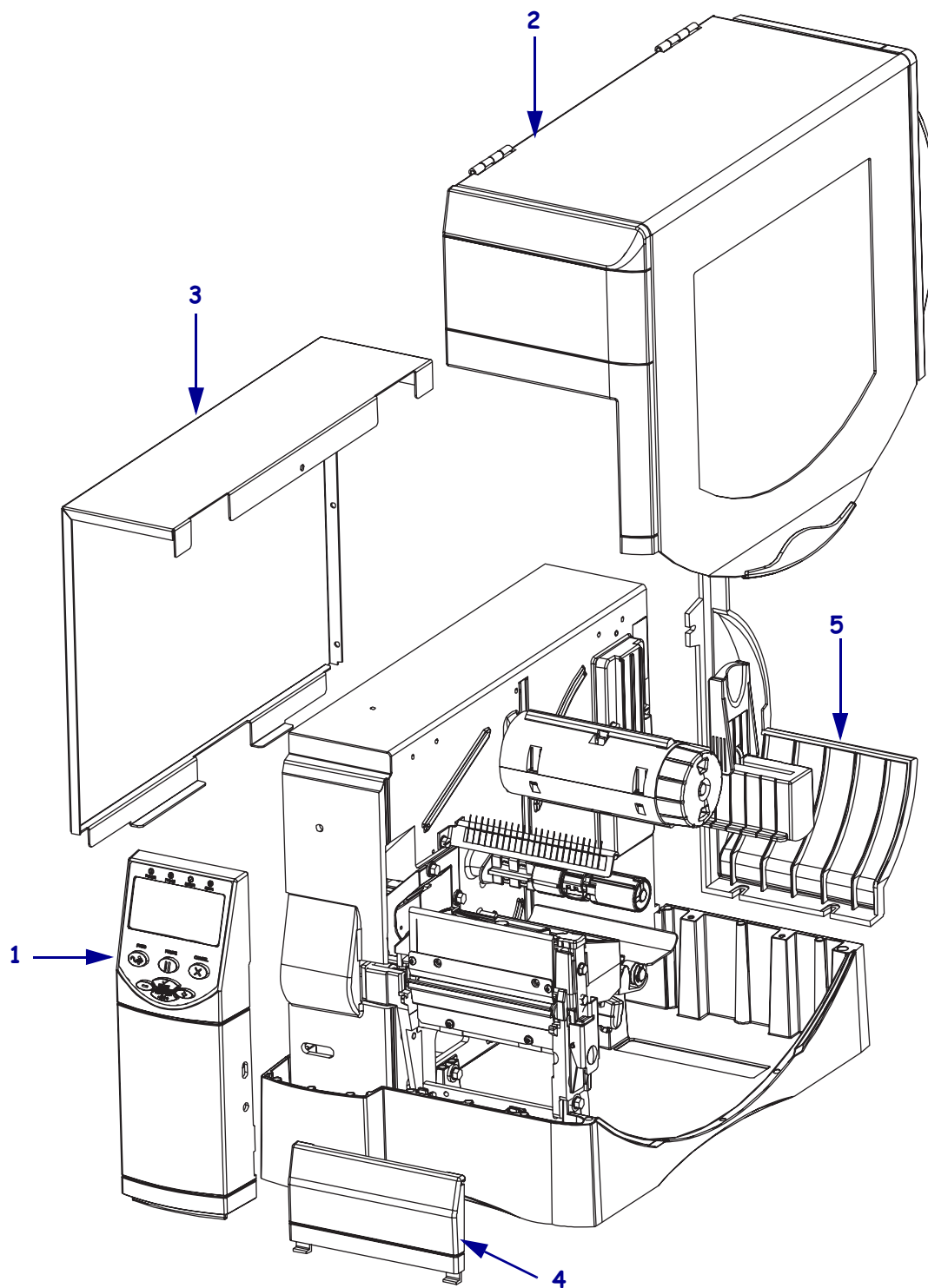


Table A • Outer Casing Components

Item	Part Number	Description	Qty
1	79825M	ZM400/ZM600 Control Panel Maintenance Kit, contents as shown	1
2	79833M	ZM400 Media Door Maintenance Kit, see page 442 for kit content information	1
	79834M	ZM600 Media Door Maintenance Kit, see page 442 for kit content information	1
3	79826M	ZM400/ZM600 Electronics Cover Maintenance Kit, see page 443 for kit content information	1
4	79856M	ZM400 Lower Front Cover Maintenance Kit, contents as shown	1
	79857M	ZM600 Lower Front Cover Maintenance Kit, contents as shown	1
5	79858M	ZM400 Rear End Cap Maintenance Kit, see page 443 for kit content information	1
	79859M	ZM600 Rear End Cap Maintenance Kit, see page 443 for kit content information	1
Bold = Part available for purchase <i>Light italic = Part not available for individual purchase, listed and shown for reference only</i> Boxes = Parts contained in kits listed above			

Figure B • Media Door

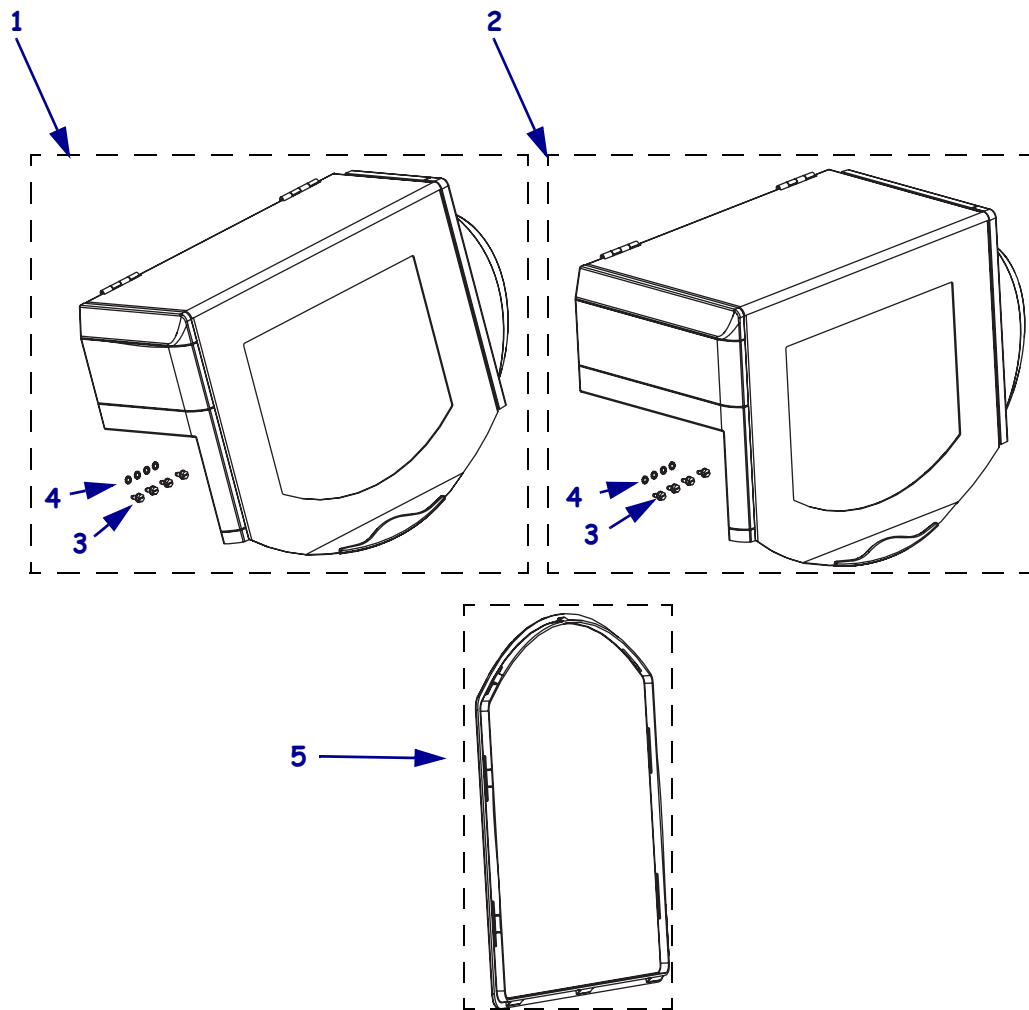


Table B • Media Door

Item	Part Number	Description	Qty
1	79833M	ZM400 Media Door Maintenance Kit	1
2	79834M	ZM600 Media Door Maintenance Kit	1
3	HW78814	Screw, M4 × 0.7 × 10 (sold in quantities of 5)	4
4	HW43482	Lock Washer, (sold in quantities of 25)	4
5	79863M	ZM400/ZM600 Media Window Kit	1
Bold = Part available for purchase			
Light italic = Part not available for individual purchase, listed and shown for reference only			
Boxes = Parts contained in kits listed above			

Figure C • Rear End Cap

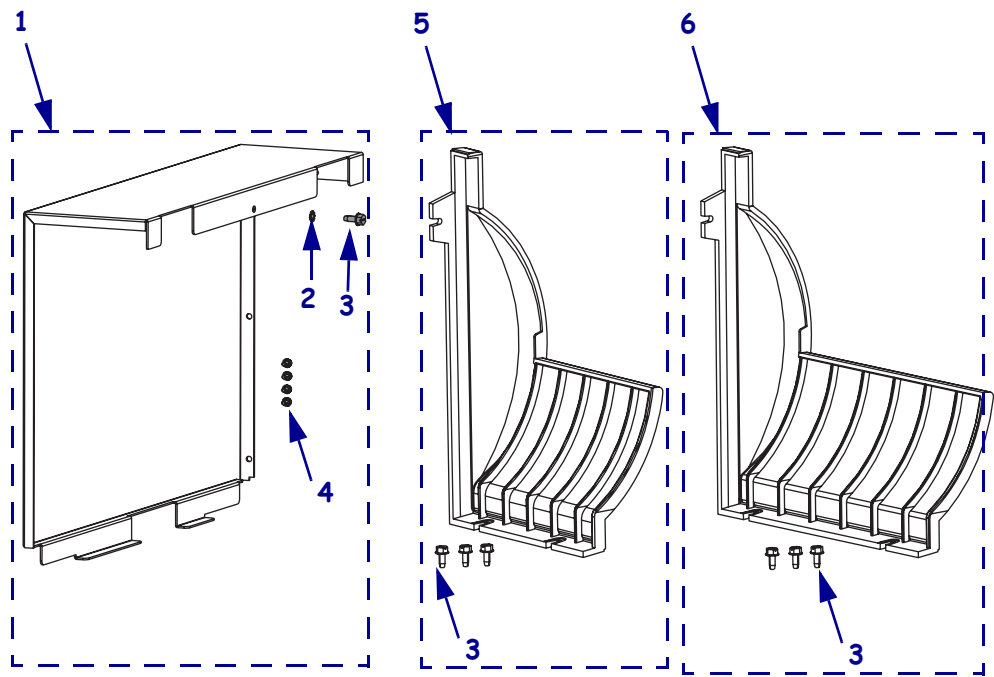


Table C • Rear End Cap

Item	Part Number	Description	Qty
1	79826M	ZM400/ZM600 Electronics Cover Maintenance Kit	1
2	HW43482	Lock Washer, M4 (sold in quantities of 25)	1
3	HW78814	Screw, M4 × 0.7 × 10 (sold in quantities of 5)	1 or 3
4	HW43495	Screw w/lock washer, M3 × 0.5 × 6 (sold in quantities of 25)	4
5	79858M	ZM400 Rear End Cap Maintenance Kit	1
6	79859M	ZM600 Rear End Cap Maintenance Kit	1
Bold = Part available for purchase			
Light italic = Part not available for individual purchase, listed and shown for reference only			
Boxes = Parts contained in kits listed above			

Figure D • Media and Ribbon Path

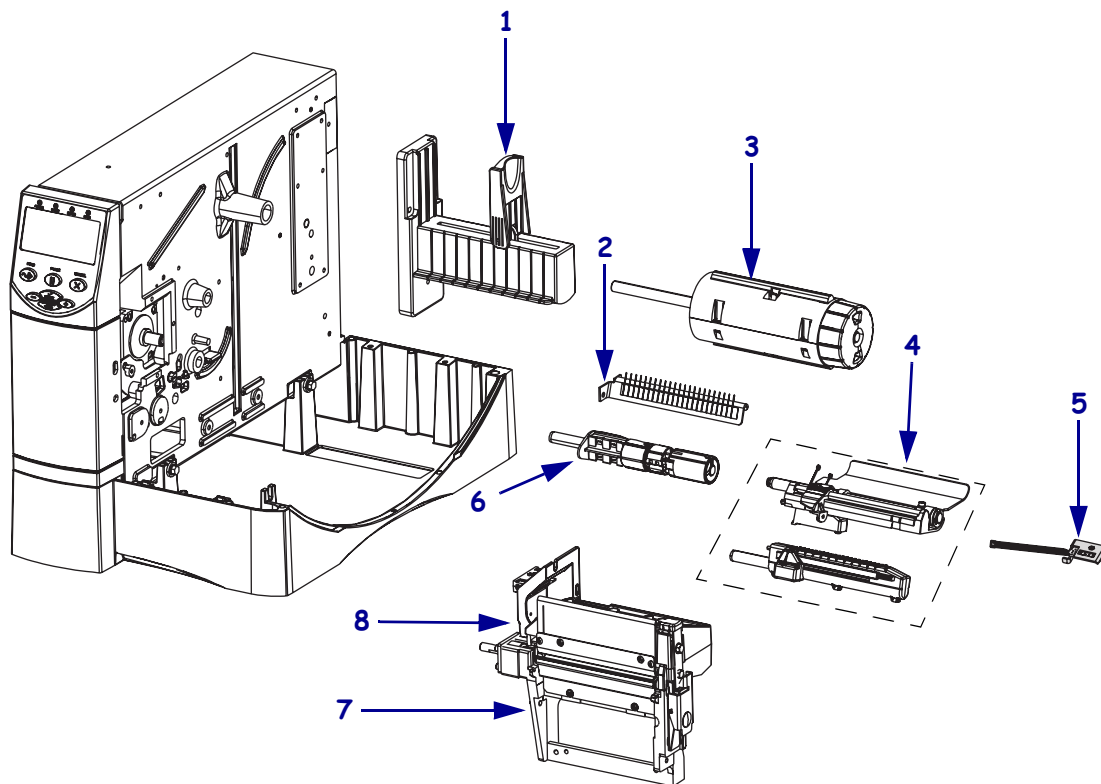
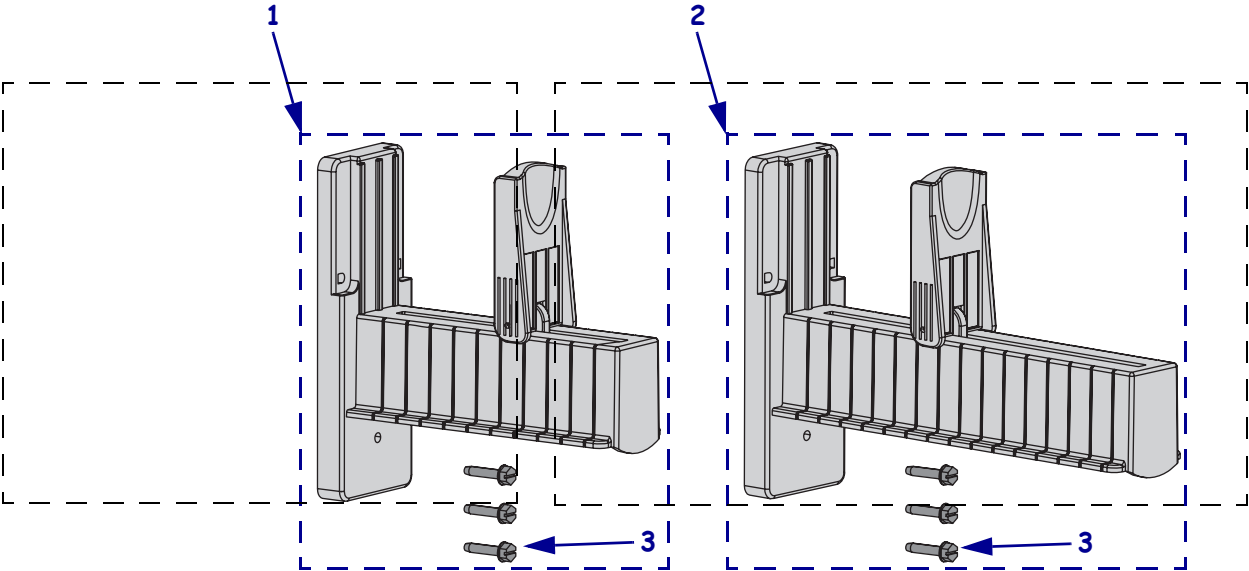


Table D • Media and Ribbon Path

1	79839M	ZM400 Media Hanger Maintenance Kit, see page 446 for kit content information	1
	79840M	ZM600 Media Hanger Maintenance Kit, see page 446 for kit content information	1
2	79854M	ZM400 Static Brush Maintenance Kit, see page 454 for kit content information	1
	79855M	ZM600 Static Brush Maintenance Kit, see page 454 for kit content information	1
3	G77100M	ZM400 Ribbon Take-up Spindle Maintenance Kit, see page 455 for kit content information	1
	G77117M	ZM600 Ribbon Take-up Spindle Maintenance Kit, see page 455 for kit content information	1
4	79848M	ZM400 Media Sensor Maintenance Kit, see page 447 for kit content information	1
	79849M	ZM600 Media Sensor Maintenance Kit, see page 447 for kit content information	1
5	79821M	ZM400/ZM600 Head Open/Ribbon Sensor Maintenance Kit	1
6	79828M	ZM400 Ribbon Supply Spindle, see page 448 for kit content information	1
	79829M	ZM600 Ribbon Supply Spindle, see page 448 for kit content information	1
7	Ref	ZM400/ZM600 Platen Housing Maintenance Kit, see page 453 for further information	1
8	Ref	ZM400/ZM600 Print Mechanism Maintenance Kit, see page 449 for kit content information	1
Bold = Part available for purchase <i>Light italic</i> = Part not available for individual purchase, listed and shown for reference only Boxes = Parts contained in kits listed above			

Figure E • Media Hanger



Important • Only use the three screws supplied in the maintenance kit. Damage may occur if longer screws are used.

Table E • Media Hanger

Item	Part Number	Description	Qty
1	79839M	ZM400 Media Hanger Maintenance Kit	1
2	79840M	ZM600 Media Hanger Maintenance Kit	1
3	HW78828	Screw, M4 × 0.7 × 20 (sold in quantities of 25)	3

Bold = Part available for purchase
Light italic = Part not available for individual purchase, listed and shown for reference only
Boxes = Parts contained in kits listed above

Figure F • Media Sensors

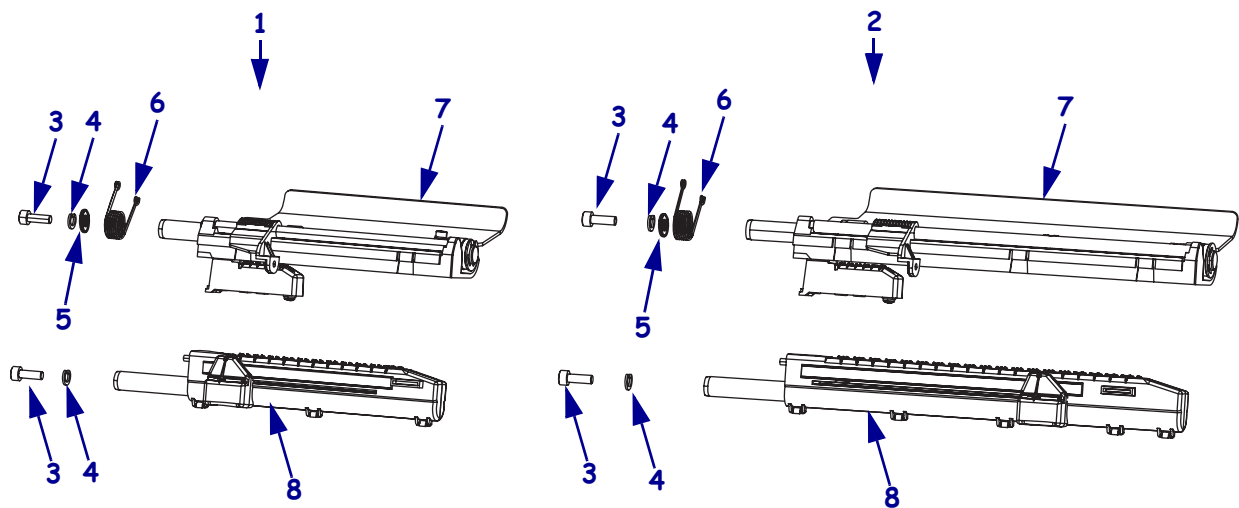


Table F • Media Sensors

Item	Part Number	Description	Qty
1	79848M	ZM400 Media Sensor Maintenance Kit	1
2	79849M	ZM600 Media Sensor Maintenance Kit	1
3	HW45931	Split Lock Washer, M3 (sold in quantities of 25)	2
4	HW10432	Screw, M3 × 0.5 × 6 (sold in quantities of 25)	2
5	HW78806	Flat Washer, M4 (sold in quantities of 25)	1
6	77256	Torsion Spring	1
7	79287	ZM400 Upper Media Sensor Assembly	1
	79369	ZM600 Upper Media Sensor Assembly	1
8	79565	ZM400 Lower Media Sensor Assembly	1
	79566	ZM600 Lower Media Sensor Assembly	1
Bold = Part available for purchase			
Light italic = Part not available for individual purchase, listed and shown for reference only			
Boxes = Parts contained in kits listed above			

Figure G • Ribbon Supply Spindle

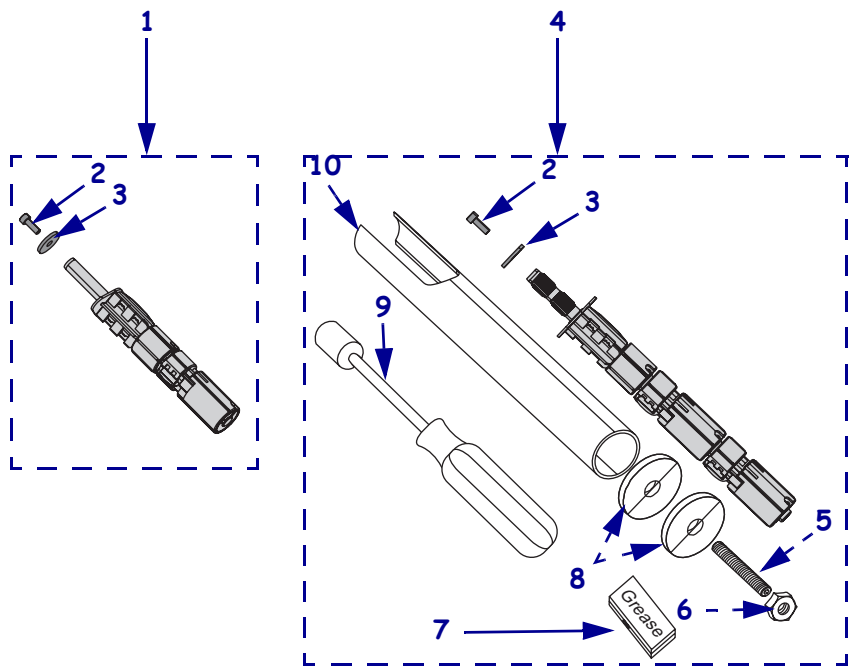


Table G • Ribbon Supply Spindle

Item	Part Number	Description	Qty
1	79828M	ZM400 Ribbon Supply Spindle, inside coated	1
2	HW10432	Screw, M4 × 0.7 × 12	1
3	HW33807	Flat Washer, 0.198 × 0.75 × 0.085	1
4	79829M	ZM600 Ribbon Supply Spindle	1
5	77594	Screw, M4 × 0.7 × 60	1
6	77598	Nut, M4	1
7	N/A	Grease	1
8	77620	Flat Washer	2
9	77621	7 mm Nutdriver	1
10	77593	Spindle Remove Tool	1
Bold = Part available for purchase			
Light italic = Part not available for individual purchase, listed and shown for reference only			
Boxes = Parts contained in kits listed above			

Figure H • Print Mechanism View 1

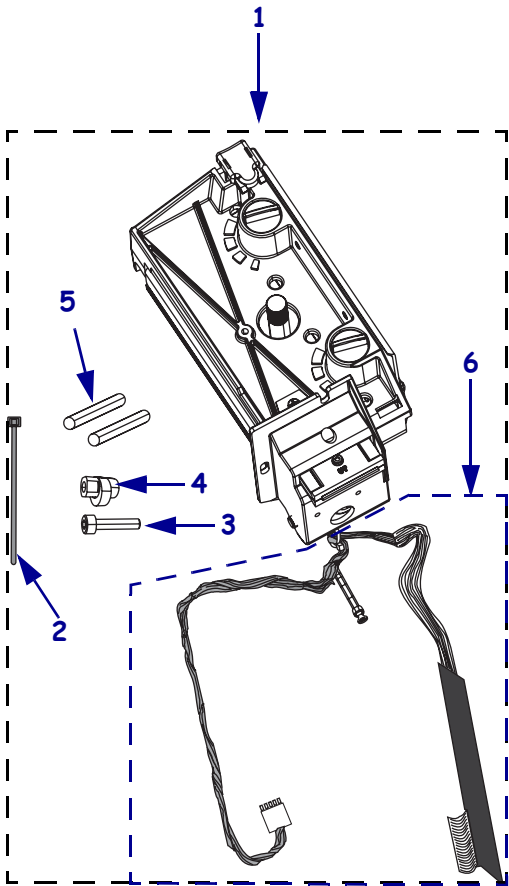


Table H • Print Mechanism View 1

Item	Part Number	Description	Qty
1	79810M	ZM400 203 dpi Print Mechanism Maintenance Kit	1
	79811M	ZM400 300 dpi Print Mechanism Maintenance Kit	1
	79812M	ZM400 600 dpi Print Mechanism Maintenance Kit	1
	79813M	ZM600 200 dpi Print Mechanism Maintenance Kit	1
	79814M	ZM600 300 dpi Print Mechanism Maintenance Kit	1
2	HWQ06020	Cable Tie, 0.09 × 3.62 (sold in quantities of 20)	1
3	49185	Screw	1
4	77921	Cam	1
5	77919	Gauge Pins	2
6	79822M	ZM400/ZM600 Cable Maintenance Kit	1
Bold = Part available for purchase Light italic = Part not available for individual purchase, listed and shown for reference only Boxes = Parts contained in kits listed above			

Figure I • Print Mechanism View 2

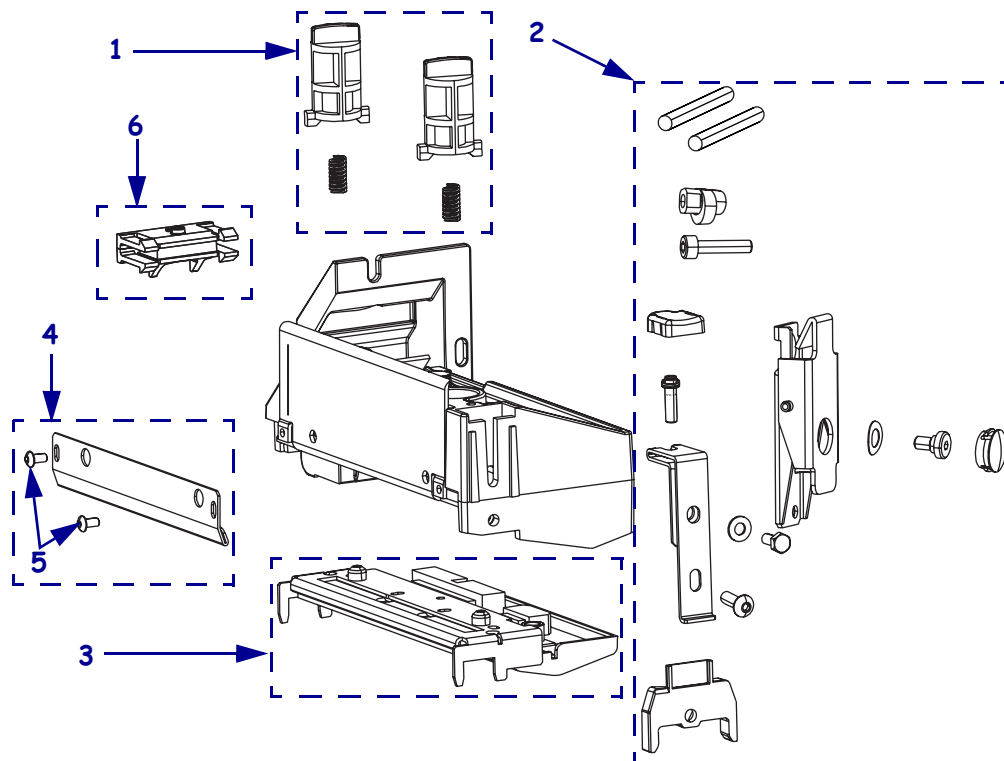


Table I • Print Mechanism View 2

Item	Part Number	Description	Qty
1	G77172M	ZM400 Pressure Dial Maintenance Kit	1
	77172-6M	ZM600 Pressure Dial Maintenance Kit	1
2	79819M	ZM400/ZM600 Latch Maintenance Kit, for further detail see page 453	1
3	79800M	ZM400 203 dpi Printhead Maintenance Kit	1
	79801M	ZM400 300 dpi Printhead Maintenance Kit	1
	79802M	ZM400 600dpi Printhead Maintenance Kit	1
	79803M	ZM600 203 dpi Printhead Maintenance Kit	1
	79804M	ZM600 300 dpi Printhead Maintenance Kit	1
4	79860M	ZM400 Ribbon Strip Plate Maintenance Kit	1
	79861M	ZM600 Ribbon Strip Plate Maintenance Kit	1
5	HW78809	Screw, M3 (sold in quantities of 25)	2
7	HW79041	Flat Washer, 0.250 × 0.125 × 0,023 (sold in quantities of 25)	2
6	79845M	ZM400/ZM600 Magnetic Latch Maintenance Kit	1
Bold = Part available for purchase <i>Light italic = Part not available for individual purchase, listed and shown for reference only</i> Boxes = Parts contained in kits listed above			

Figure J • Printhead Conversion

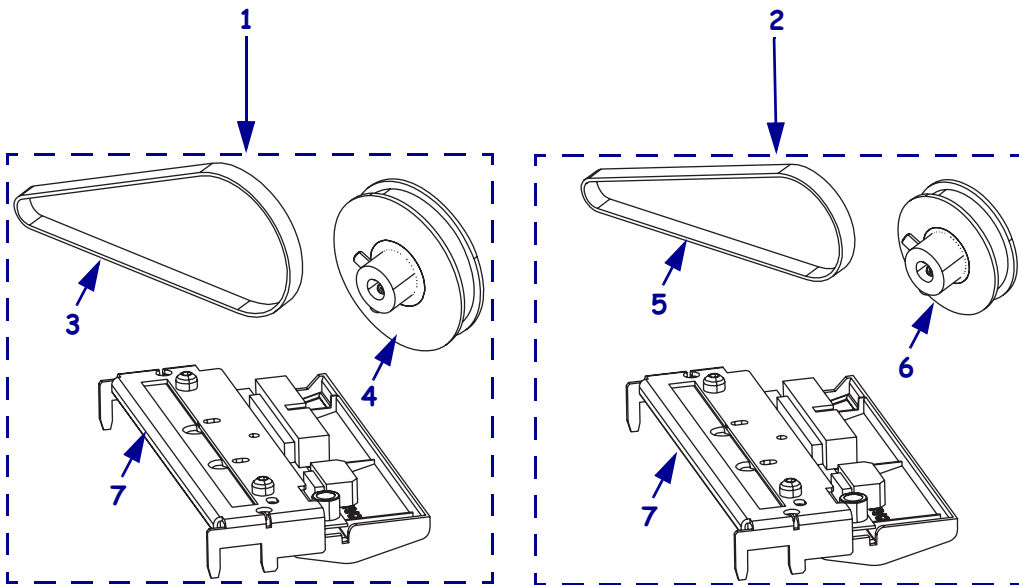


Table J • Printhead Conversion Kits

Item	Part Number	Description	Qty
1	79805	ZM400 600 or 300 dpi to 203dpi	1
	79809	ZM600 600 or 300 dpi to 203dpi	1
2	79806	ZM400 203 or 600 dpi to 300 dpi	1
	79807	ZM400 300 or 203 dpi to 600dpi	1
	79808	ZM600 203 dpi to 300 dpi	1
3	79866M	Drive Belt 203 dpi	1
4	79524	Pulley 203 dpi	1
5	79867M	Drive Belt 300/600 dpi	1
6	79525	Pulley 300/600 dpi	1
7	79800M	ZM400 Printhead Assembly 203 dpi	1
	79803M	ZM600 Printhead Assembly 203dpi	1
	79801M	ZM400 Printhead Assembly 300 dpi	1
	79802M	ZM400 Printhead Assembly 600 dpi	1
	79804M	ZM600 Printhead Assembly 300 dpi	1
Bold = Part available for purchase Light italic = Part not available for individual purchase, listed and shown for reference only Boxes = Parts contained in kits listed above			

Figure K • Platen Housing

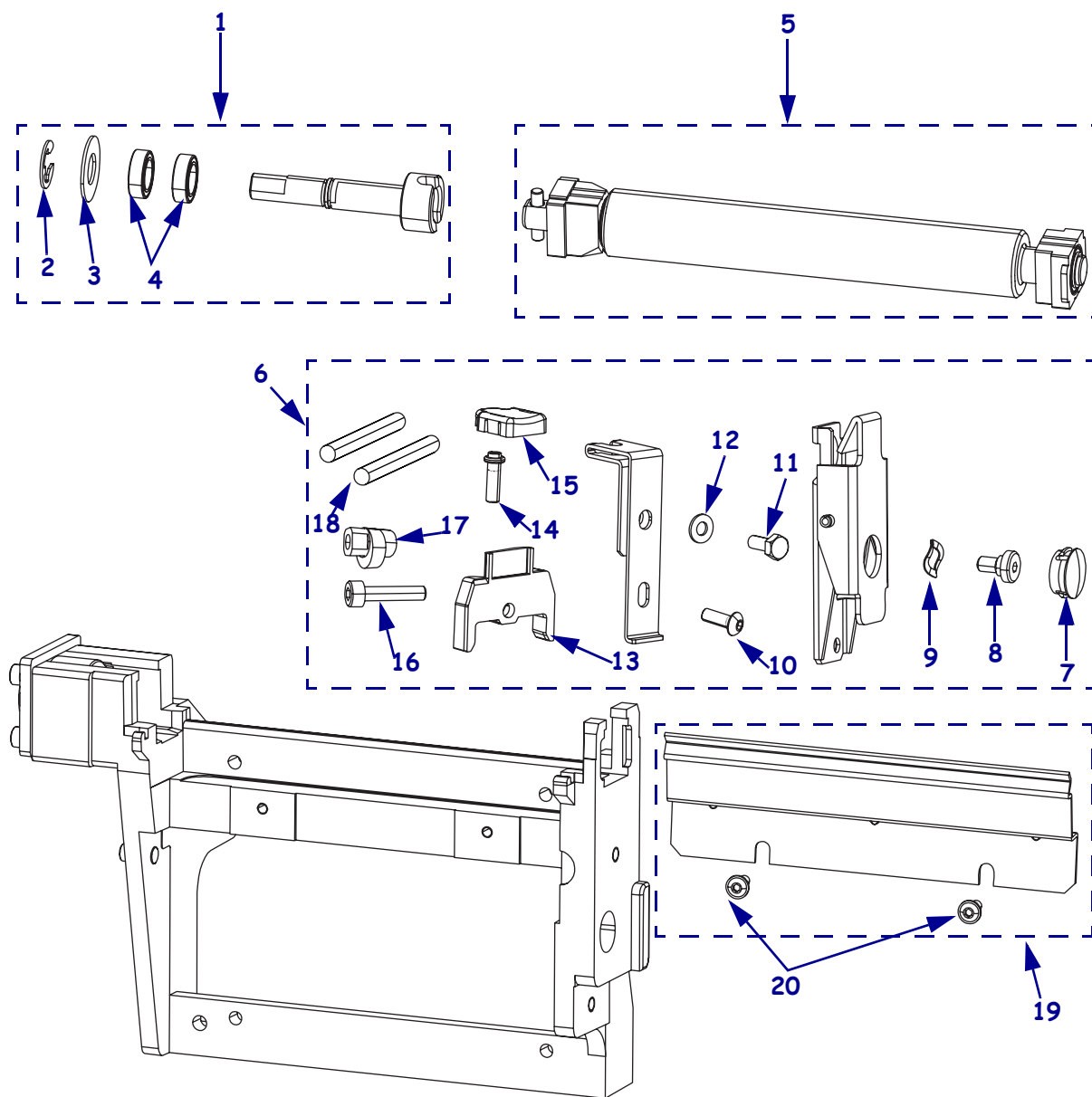


Table K • Platen Housing

Item	Part Number	Description	Qty
1	79862M	ZM400/ZM600 Platen Coupling Maintenance Kit	1
2	HW06250	E-ring, 0.312 external (sold in quantities of 100)	1
3	HW79554	Flat Washer, 0.33 × 0.69 × 0.03 (sold in quantities of 100)	1
4	79252	Roller Bearing	2
5	79815M	ZM400 Platen Roller Maintenance Kit	1
	79816M	ZM600 Platen Roller Maintenance Kit	1
6	79819M	Printhead Latch Maintenance Kit	1
7	79659	Plug, 0.486 diameter hole	1
8	79606	Shoulder Screw, 4M × 5.5 × 2	1
9	79541	Curved Washer, 0.216 × 0.423 × 0.010	1
10	79741	Screw, M4 × 0.7 × 12*	1
11	HWQ10011	Screw, M4 × 0.700 × 10 (sold in quantities of 100)*	1
12	HW78806	Flat Washer, M4 (sold in quantities of 25)*	1
13	79700	Stabilizer*	1
14	78810	Adjustment Screw, M4 × 0.7*	1
15	77276	Latch Plate Cap*	1
16	HW49185	Screw, M3 × 0.5 × 6 (sold in quantities of 10)	1
17	77921	Cam	1
18	77919	Gauge Pins	2
19	79837M	ZM400 Tear Bar Maintenance Kit	1
	79838M	ZM600 Tear Bar Maintenance Kit	1
20	HW77231	Screw, M3 × 8 (sold in quantities of 10)	2
Bold = Part available for purchase <i>Light italic = Part not available for individual purchase, listed and shown for reference only</i> Boxes = Parts contained in kits listed above			

*.Part of print mechanism

Figure L • Static Brush

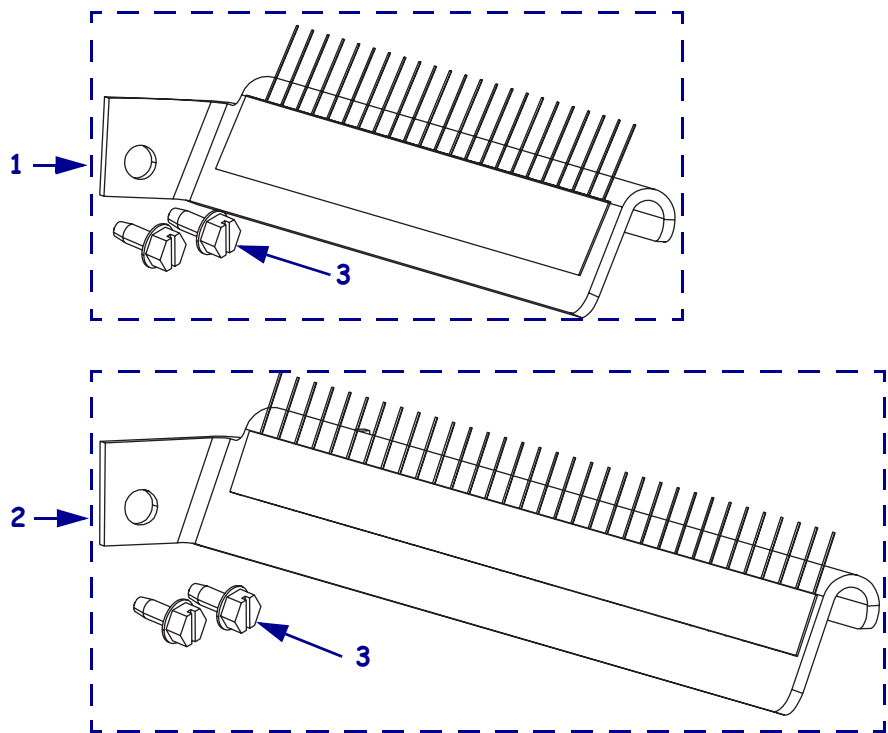


Table L • Static Brush

Item	Part Number	Description	Qty
1	79854M	ZM400 Ribbon Static Brush Maintenance Kit	1
2	79855M	ZM600 Ribbon Static Brush Maintenance Kit	1
3	HW78814	Screw, M4 × 0.7 × 10 (sold in quantities of 5)	2

Bold = Part available for purchase

Light italic = Part not available for individual purchase, listed and shown for reference only

Boxes = Parts contained in kits listed above

Figure M • Ribbon Take-up Spindle

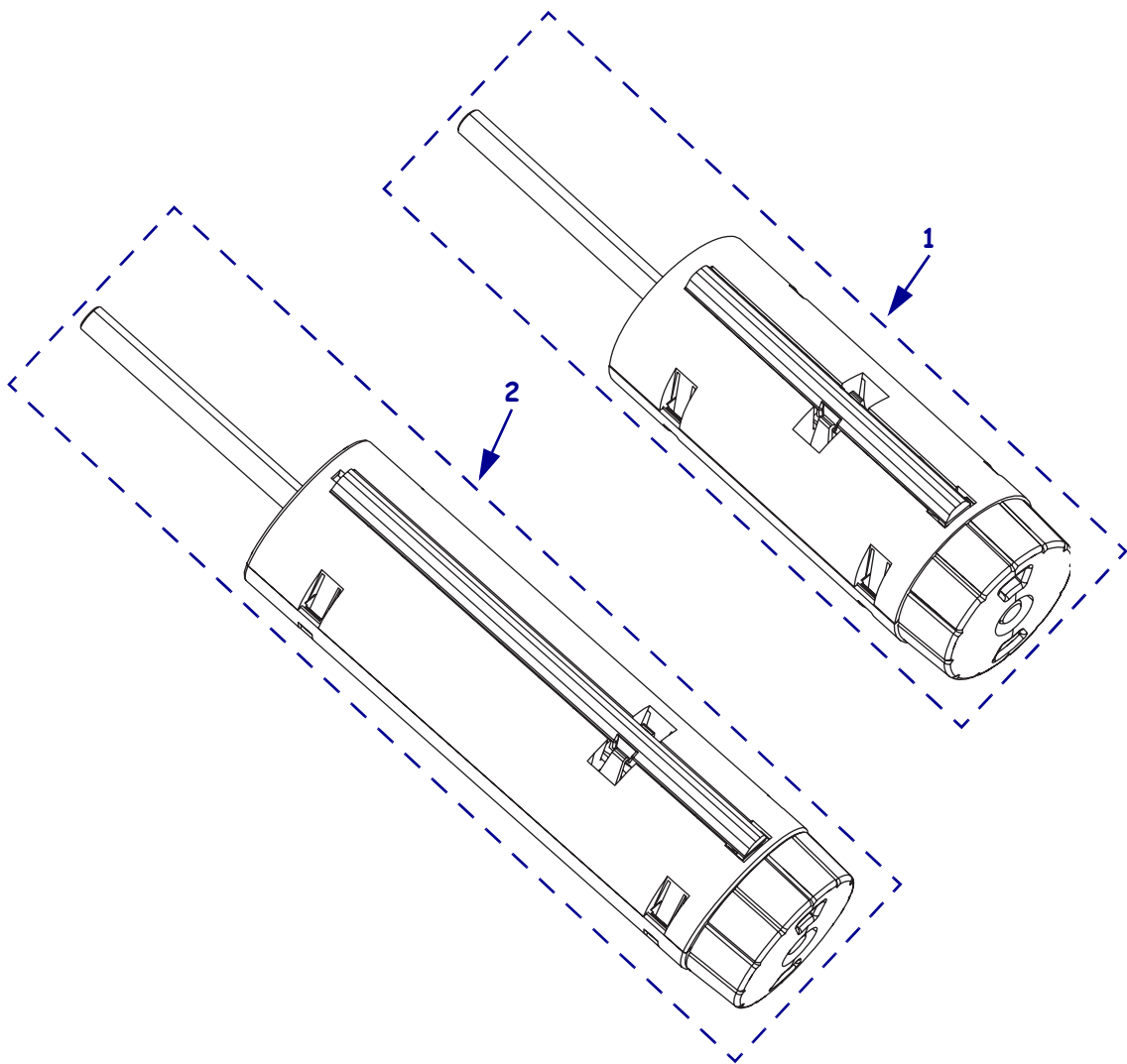


Table M • Ribbon Take-up Spindle

Item	Part Number	Description	Qty
1	G77100M	ZM400 Ribbon Take-up Maintenance Kit	1
2	G77117M	ZM600 Ribbon Take-up Maintenance Kit	1
Bold = Part available for purchase			
<i>Light italic = Part not available for individual purchase, listed and shown for reference only</i>			
Boxes = Parts contained in kits listed above			

Figure N • Drive System Components

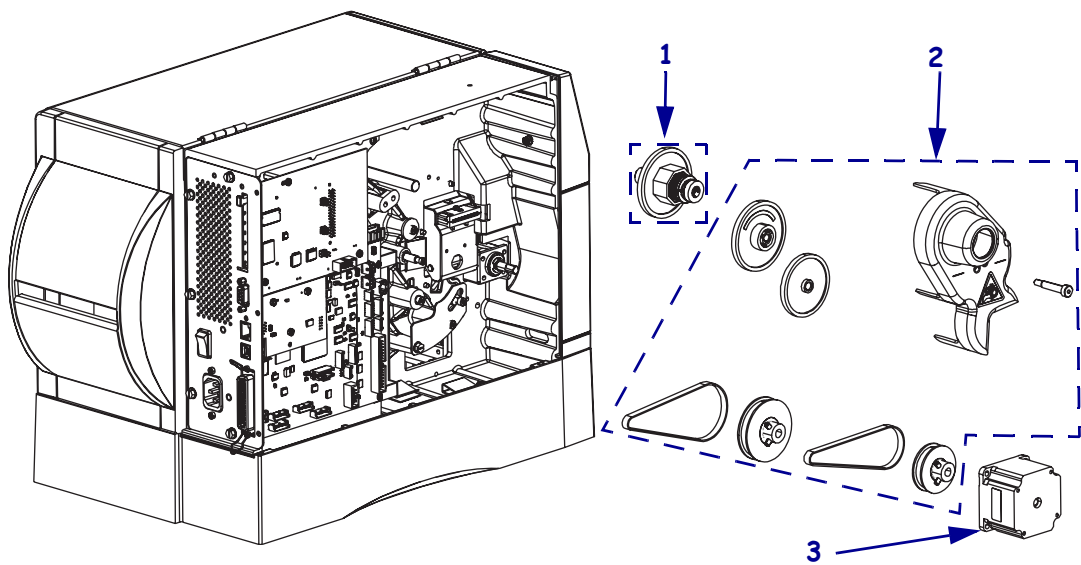


Table N • Drive System

Item	Part Number	Description	Qty
1	77814M	ZM400/ZM600 Ribbon Take-up Clutch Maintenance Kit	1
2	79818M	ZM400/ZM600 Drive System Maintenance Kit, see	1
3	G77813M	ZM400/ZM600 Stepper Motor Maintenance Kit	1

Bold = Part available for purchase

Light italic = Part not available for individual purchase, listed and shown for reference only

Boxes = Parts contained in kits listed above

Figure O • Electronic Components

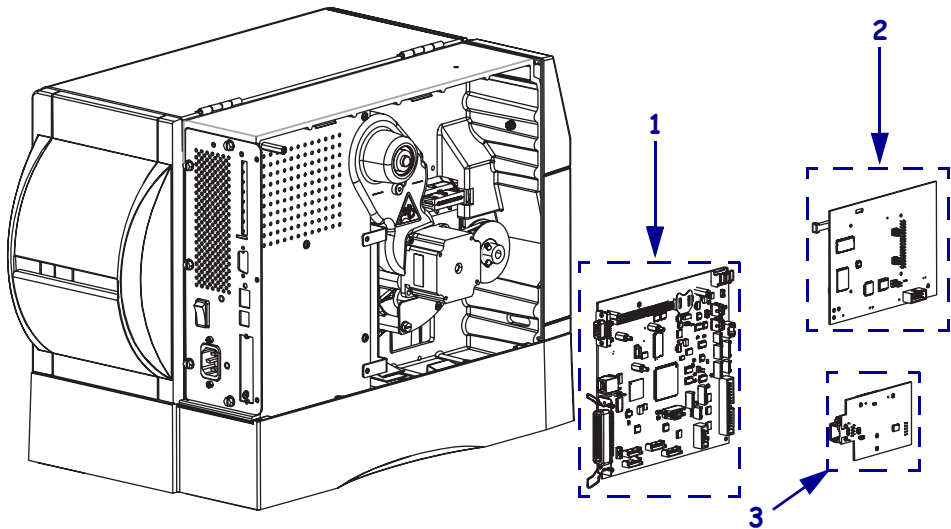


Table O • Electronics

Item	Part Number	Description	Qty
1	79400-001M	ZM400/ZM600 8MB Main Logic Board Maintenance Kit, see page 458	1
	79400-002M	ZM400/ZM600 64MB Main Logic Board Maintenance Kit, see page 458	1
2	29651-006M	ZM400/ZM600 Standard Wireless Board Maintenance Kit, see page 459	1
3	79823	ZM400/ZM600 Maintenance Kit Internal Wired Ethernet Board, see page 460	1
Bold = Part available for purchase			
<i>Light italic = Part not available for individual purchase, listed and shown for reference only</i>			
Boxes = Parts contained in kits listed above			

Figure P • Main Logic Board

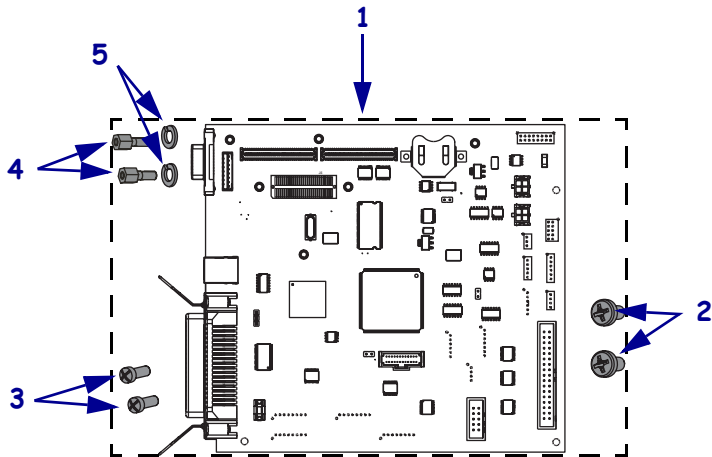


Table P • Main Logic Board

Item	Part Number	Description	Qty
1	79400-001M	ZM400/ZM600 8MB Main Logic Board Maintenance Kit	1
	79400-002M	ZM400/ZM600 64MB Main Logic Board Maintenance Kit	1
2	HW78804	Screw, M3 × 0.5 × 6 (sold in quantities of 50)	2
3	HW78802	Screw, 4-4- × 0.31 (sold in quantities of 25)	2
4	HW32406	Standoff, 4-40 (sold in quantities of 25)	2
5	HW45945	Lock Washer #4 (sold in quantities of 100)	2
Bold = Part available for purchase			
<i>Light italic = Part not available for individual purchase, listed and shown for reference only</i>			
Boxes = Parts contained in kits listed above			

Figure Q • Wireless Board

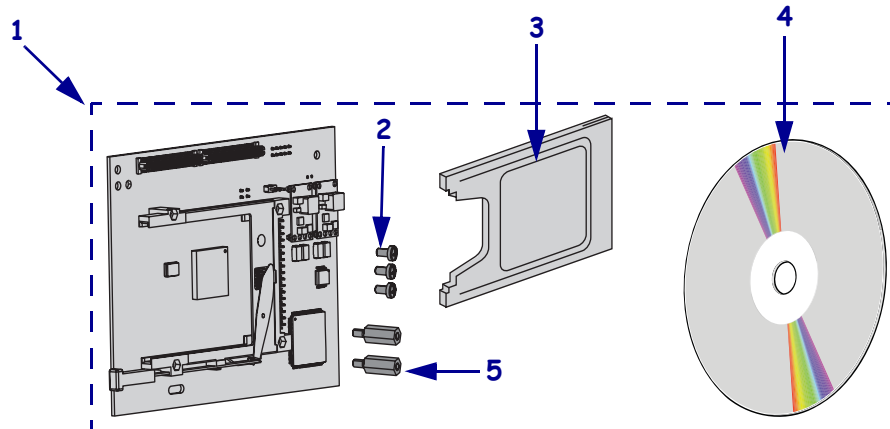


Table Q • Wireless Board

Item	Part Number	Description	Qty
1	29651-006M	ZM400/ZM600 Standard Wireless Board Maintenance Kit	1
2	HW78804	Screw, M3 × 0.5 × 6 (sold in quantities of 5)	3
3	<i>34589</i>	C F Adaptor	2
4	<i>45638-xxx</i>	Conectivity Solutions CD	1
5	HW79293	Standoff, M3 × 0.5 × 14 (sold in quantities of 12)	1
Bold = Part available for purchase <i>Light italic = Part not available for individual purchase, listed and shown for reference only</i> Boxes = Parts contained in kits listed above			

Figure R • Wired Ethernet Board/Internal PrintServer

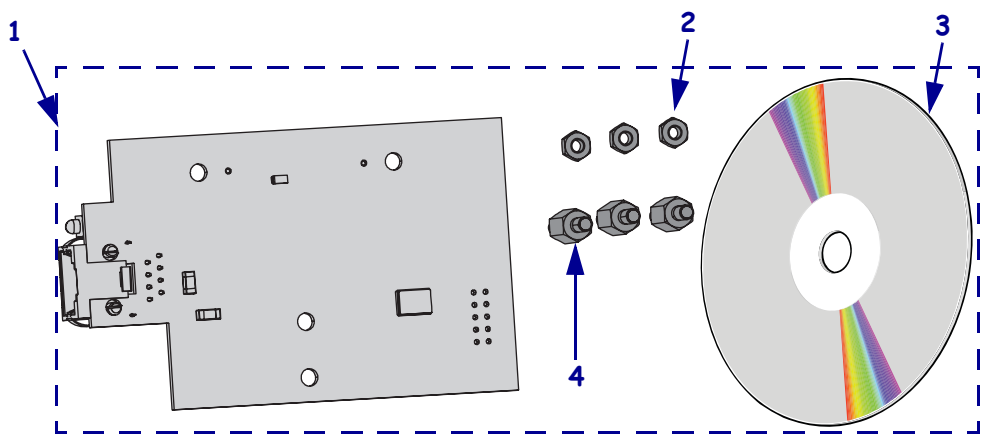


Table R • Wired Ethernet Board

Item	Part Number	Description	Qty
1	79823	ZM400/ZM600 Wired Ethernet Board Kit	1
2	HW10460	Nut, M3 × 2.4 × 5.5 (sold in quantities of 5)	3
3	<i>45638-xxx</i>	Connectivity Solutions CD	1
4	HW79656	Standoff, M3 × 0.5 × 10	3

Bold = Part available for purchase

Light italic = Part not available for individual purchase, listed and shown for reference only

Boxes = Parts contained in kits listed above



Notes • _____

Figure S • Available Media Handling Options

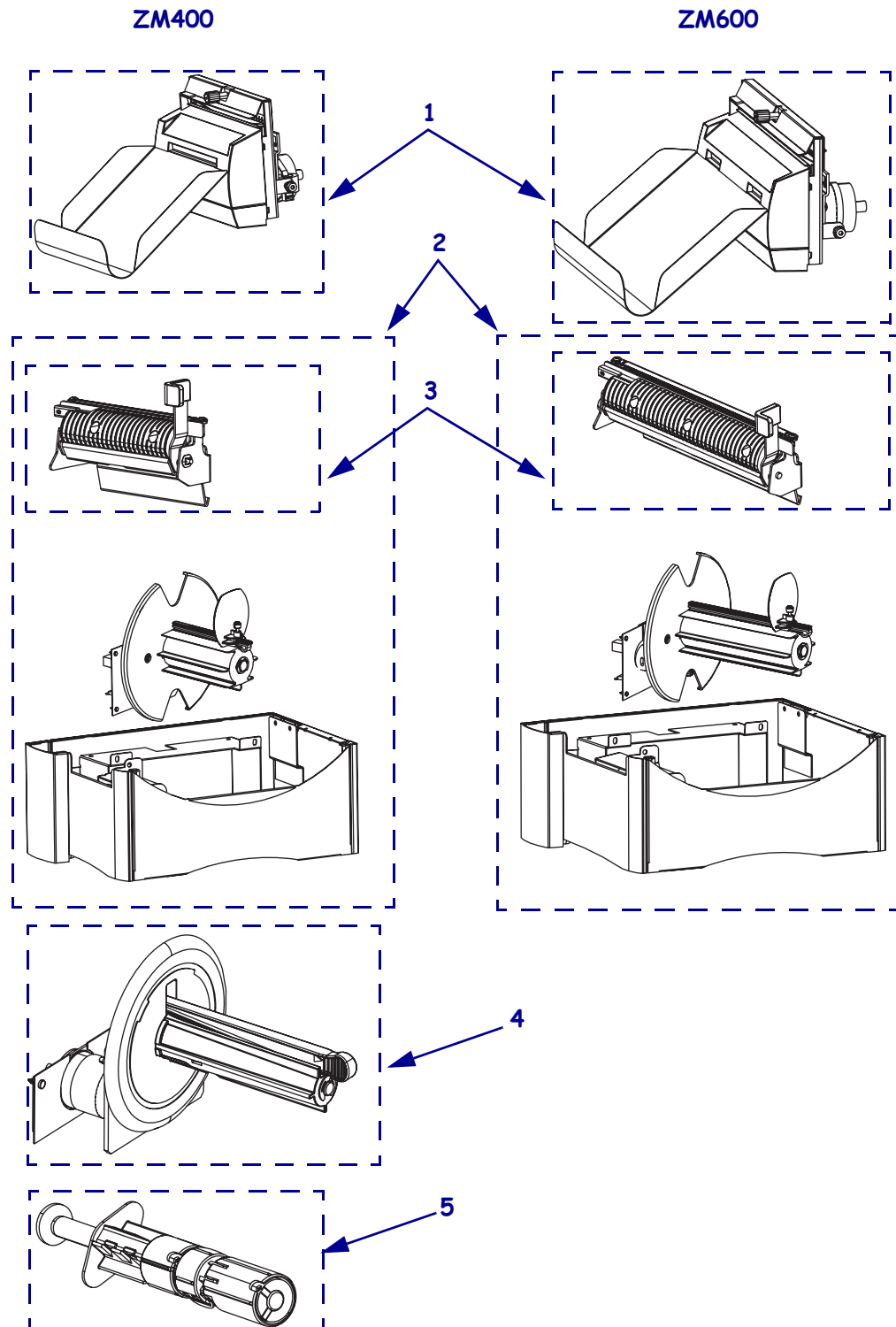


Table S • Media Handling Options

Item	Part Number	Description	Qty
1	79841	ZM400 Cutter Option Kit, see page 464	1
	79842	ZM600 Cutter Option Kit, see page 464	1
2	79835	ZM400 Peel/Rewind Option Kit, see page 465	1
	79836	ZM600 Peel/Rewind Option Kit, see page 465	1
3	79831M	ZM400 Peel Assembly Option/Maintenance Kit, see page 465	1
	79832M	ZM600 Peel Assembly Option/Maintenance Kit, see page 465	1
4	79868M	ZM400 Liner Take-up Option/Maintenance Kit, see page 466	1
5	79830M	ZM400 Inside Coated Ribbon Supply Spindle Option/Maintenance Kit, see page 467	1
Bold = Part available for purchase <i>Light italic = Part not available for individual purchase, listed and shown for reference only</i> Boxes = Parts contained in kits listed above			

Figure T • Cutter Option

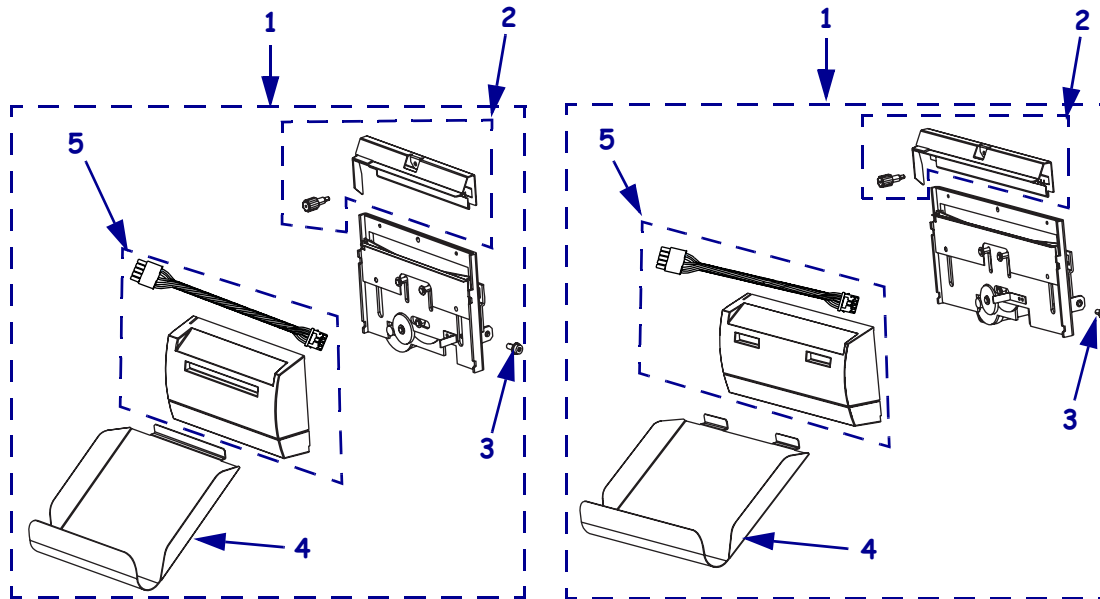


Table T • Cutter Option

Item	Part Number	Description	Qty
1	79841	ZM400 Cutter Option Kit	1
	79842	ZM600 Cutter Option Kit	1
2	79864M	ZM400 Cutter Static Brush and Thumbscrew Maintenance Kit	1
	79865M	ZM600 Cutter Static Brush and Thumbscrew Maintenance Kit	1
3	HW43894	Screw, M4 × 0.5 × 10	1
4	77041	ZM400 Cutter Catch Tray	1
	77997	ZM600 Cutter Catch Tray	1
5	79843M	ZM400 Cutter Cover w/PCB and Cutter Cable Maintenance Kit	1
	79844M	ZM600 Cutter Cover w/PCB and Cutter Cable Maintenance Kit	1

Bold = Part available for purchase

Light italic = Part not available for individual purchase, listed and shown for reference only

Boxes = Parts contained in kits listed above

Figure U • Peel and Rewind Option

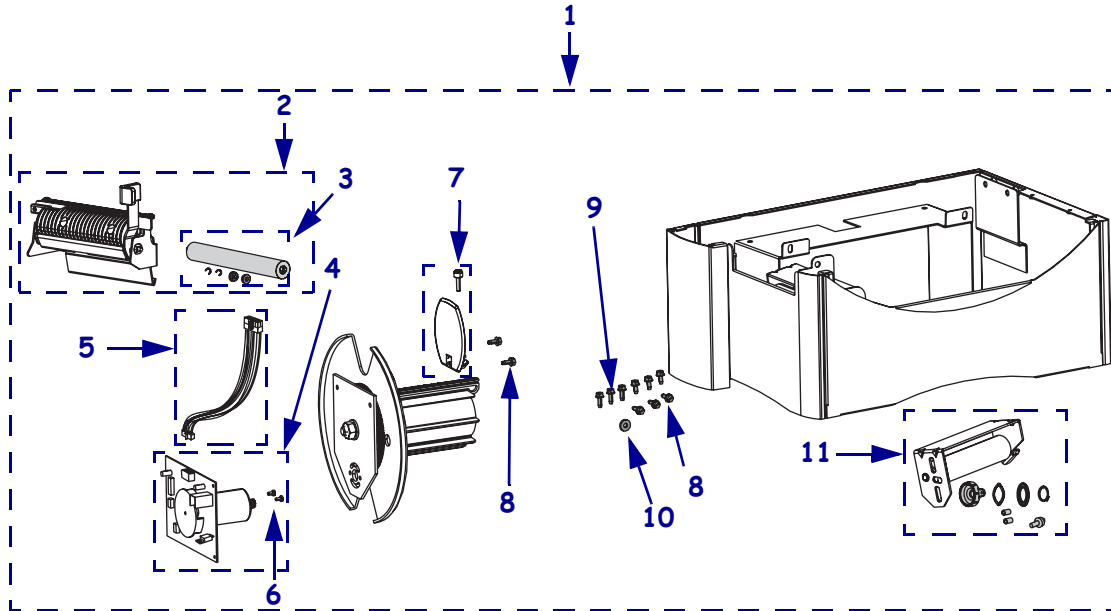


Table U • Peel and Rewind Option

Item	Part Number	Description	Qty
1	79835	ZM400 Peel/Rewind Option Kit	1
	79836	ZM600 Peel/Rewind Option Kit	1
2	79831M	ZM400 Peel Assembly Option/Maintenance Kit	1
	79832M	ZM600 Peel Assembly Option/Maintenance Kit	1
3	77197M	ZM400 Pinch Roller Maintenance Kit	1
	77727M	ZM600 Pinch Roller Maintenance Kit	1
4	G79026M	ZM400 Rewind Motor and PCB Maintenance Kit	1
	G70926-6M	ZM600 Rewind Motor and PCB Maintenance Kit	1
5	79827M	ZM400/ZM600 Media Rewind Cable Maintenance Kit	1
6	HW78804	Screw, M3 × 0.5 × 6 (sold in quantities of 5)	2
7	77459M	ZM400/ZM600 Outside Rewind Media Guide Maintenance Kit	1
8	HW78814	Screw, M4 × 0.7 × 10 (sold in quantities of 5)	6
8	78817	Screw, M4 × 0.7 × 12	5
10	78811	Flat Washer, 0.500 × 0.195 × 0.090)	1
11	G77167M	ZM400 Steering Roller Maintenance Kit	1
	G77168M	ZM600 Steering Roller Maintenance Ki	1

Bold = Part available for purchase
Light italic = Part not available for individual purchase, listed and shown for reference only
 Boxes = Parts contained in kits listed above

Figure V • Liner Take-up Option

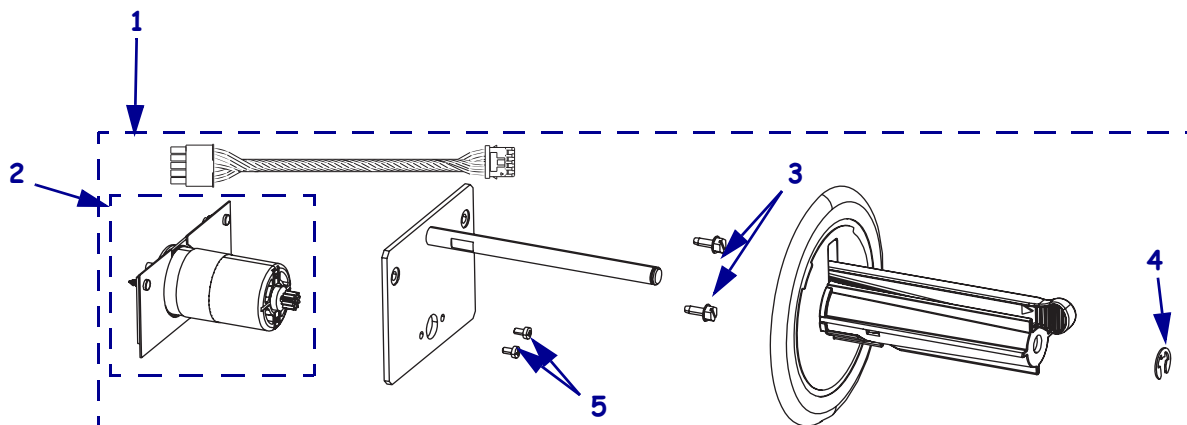


Table V • Liner Take-up Option

Item	Part Number	Description	Qty
1	79868M	ZM400 Liner Take-up Option/Maintenance Kit	1
2	G34112M	Liner Take-up Printed Circuit Board (PCB) and Motor	1
3	77637	Screw, M4 × 0.7 × 10	2
4	HW06313	E-ring, 0.375 (sold in quantities of 25)	1
5	HW43968	Screw, M3 × 0.5 × 6 (sold in quantities of 25)	2

Bold = Part available for purchase
Light italic = Part not available for individual purchase, listed and shown for reference only
Boxes = Parts contained in kits listed above

Figure W • Inside Coated Ribbon Supply Spindle

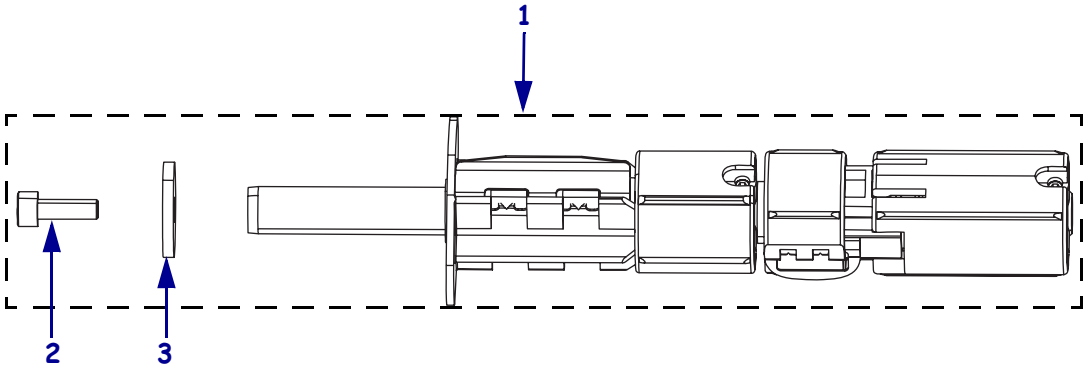


Table W • Inside Coated Ribbon Supply Spindle

Item	Part Number	Description	Qty
1	79830M	ZM400 Ribbon Supply Spindle Maintenance Kit	1
2	HW10432	Screw, M4 × 0.7 × 12 (sold in quantities of 25)	1
3	HW33807	Flat Washer, 0.198 × 0.750 × 0.085 (sold in quantities of 25)	1

Bold = Part available for purchase

Light italic = Part not available for individual purchase, listed and shown for reference only

Boxes = Parts contained in kits listed above