

PARTS BOOK

K-Series Tubular-small

K-UK1204-45

PME-130626

Notice

1. 본 책자는Parts Book으로 제작되었으므로 매뉴얼로 사용 불가합니다.
2. 조에 속한 파트는 개별 조립 시 제품의 파손 또는 자수 불량일 수 있어 해당 파트에 대한 주문 시에는 조 품목으로만 구입이 가능합니다.
3. 당사의 Part Book은 다음과 같은 순서로 분류되어 있으니 제품을 구입한 소비자께서는 다음과 같은 순서로 제품을 검색하여 주십시오.

- 1) Machine Layout
- 2) Section
- 3) Part List

※소모성 부품은 자수 기계의 보증 기간과 상관 없음.

1. This is a parts book. It cannot be used as a manual.
2. The parts classified as ass'y items may cause damage to the machine or bad embroidery when they are separately assembled.
Hence, when they are ordered, they can be purchased as ass'y items only.
3. The Part Book is classified as below and users could search products in the following order.

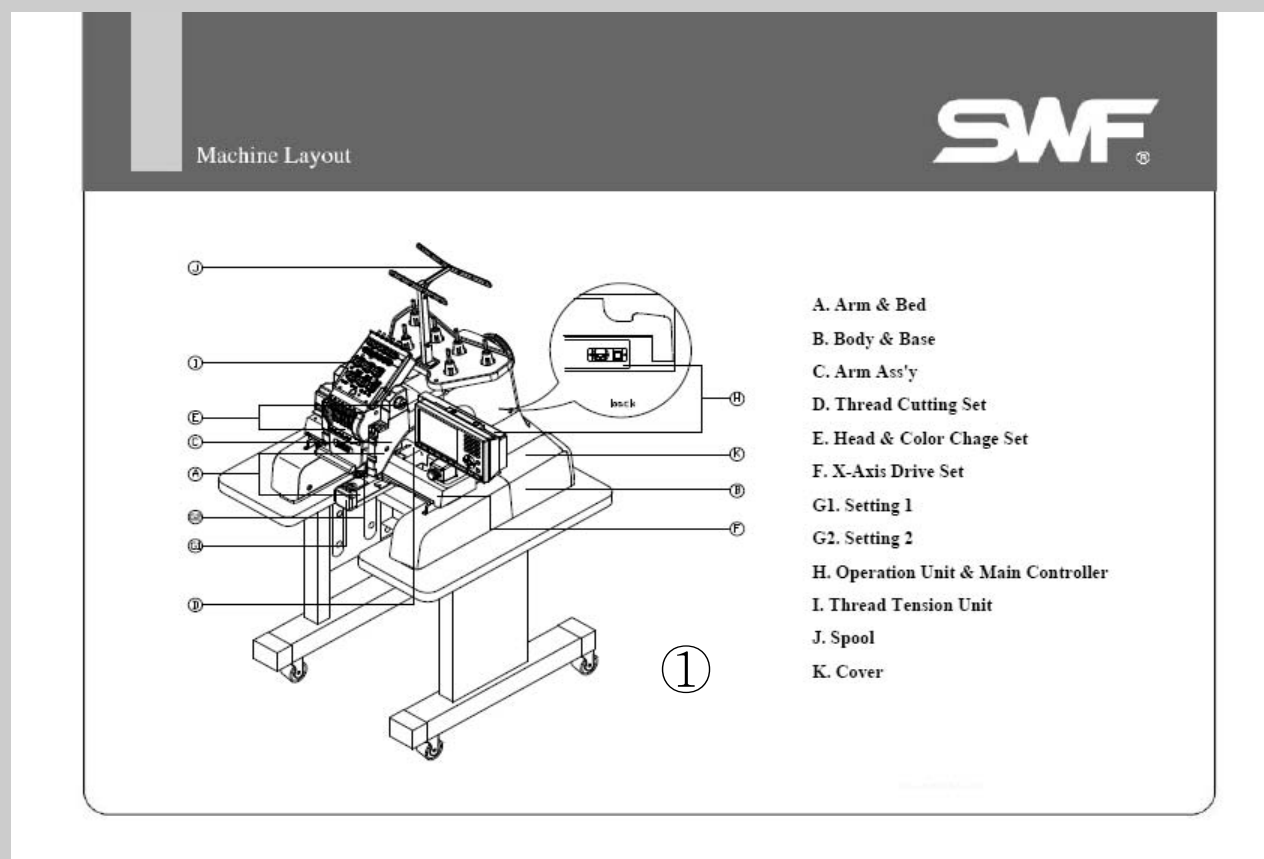
- 1) Machine Layout
- 2) Section
- 3) Part List

※Consumable parts shall not be guaranteed even in warranty period

Information

A. Structure of Part Book

1. Machine Layout

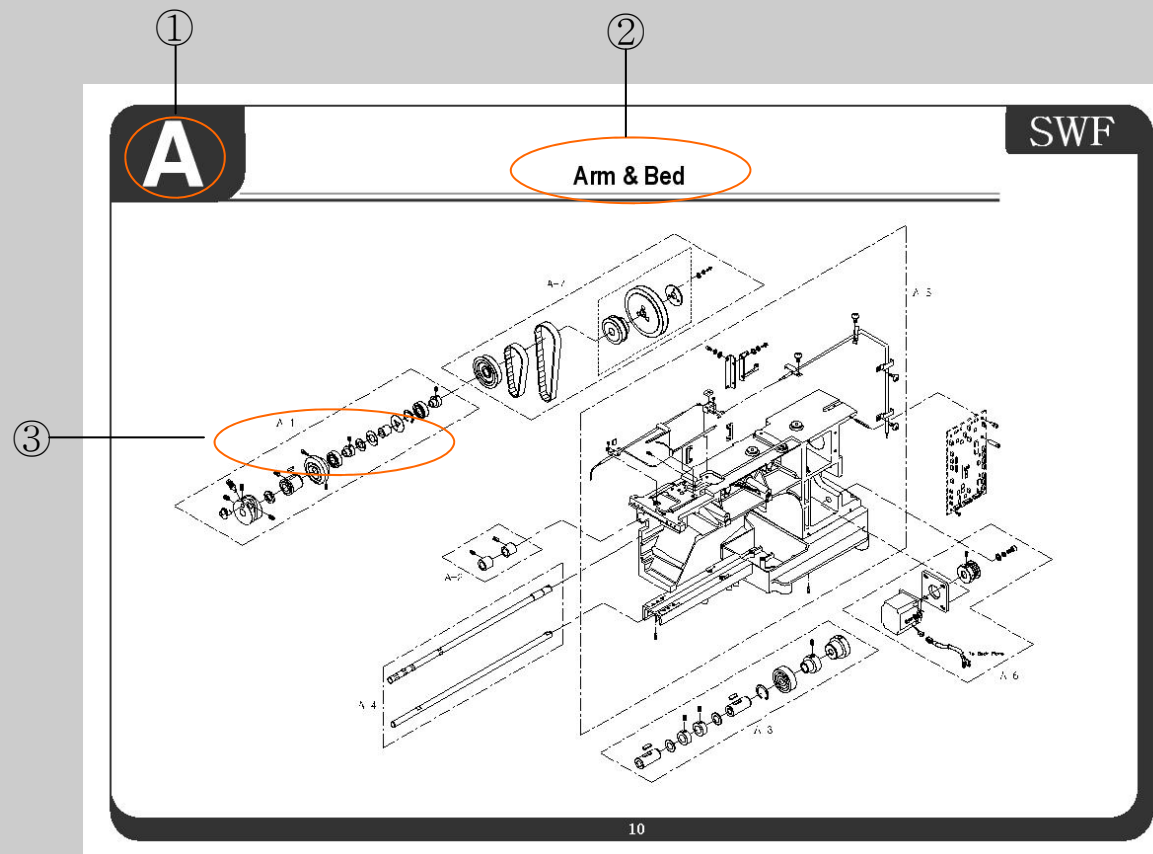


Information

A. Structure of Part Book

2. Section

- ① : Index Number
 - ② : Index Group
 - ③ : Related Parts
- Ex) A-1, A-2, A-3...



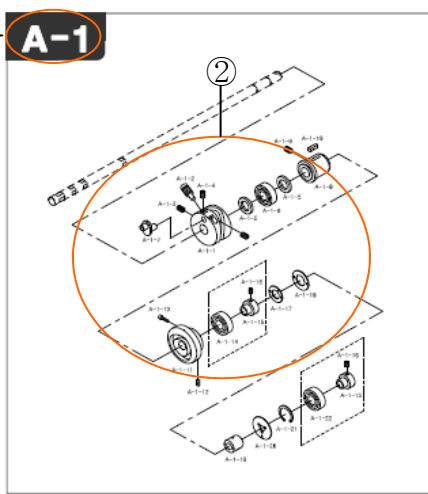
Information

A. Structure of Part Book

3. Part List

①

A-1



Note

③ Ref No	④ Part No	⑤ Part Name	⑥ Applied Period	⑦ Interchangeability	⑧ Hardware	⑨ Qty	⑩ Remark
A-1-1	0101SCM-T900	Twice-up Lever Driving Cam	Oct-08-07 ~ Oct-08-07			1	
A-1-2	09-033421-00	Twice-up Lever Driving Cam	Oct-08-07 ~	X		1	
A-1-3	01017CW-T121	Cam Screw (8/32x20L=17)				1	
A-1-4	01016SC-4313	Screw (1/8x3/8x20 L=7.5)			O	1	
A-1-5	01016SC-4313	Hex. Socket Set Screw (1/4" 20x40 L=4.5)				1	
A-1-6	01020RR-A001	Washer				2	
A-1-7	01020RR-A001	Washer				1	
A-1-8	01020RR-T900	Needle Bar Crank				1	
A-1-9	01012MP-T121	Upper Shaft Bushing (H)				1	
A-1-10	01004SC-4317	Screw (1/8x3/8x20 L=14)			O	3	
A-1-11	01014SP-T121	Pelt				1	
A-1-12	01014SP-T121	Presser Foot Driving Cam				1	
A-1-13	04012AP-A001	Screw (1/8x3/8x20)			O	3	
A-1-14	11098SC-4313	Screw (M4xL20)			O	1	
A-1-15	01020RR-A001	Washer (600422)				1	
A-1-16	010000001000	Rearizer Collar				2	
A-1-17	04012AP-A001	Screw (1/8x3/8x20)			O	3	
A-1-18	WS-00018R-00	Washer				1	
A-1-19	CL-000097-00	Code Wheel				1	
A-1-20	CL-000097-00	Collar				1	
A-1-21	01016SC-4313	Rearizer Pin				1	
A-1-22	01016SC-4313	C-Roller (H477)			O	1	
A-1-23	01016SC-4313	Rearizer (600422)			O	1	

Note) * : Checks the timing of application.

① Index Number
Ex) A-1, A-2...

② Part View

Information

A. Structure of Part Book

③ Ref. No

④ Part No

Ex)

Category	CODE	Remark
Old part	16009SC-4113	
New part	AS -000000-00	Set parts (Set 구성품)
	GP -000000-00	Instrumental parts (기구적 파트)
	EP -000000-00	Electrical parts (전기적 파트)

⑤ Parts Name : 파트들의 고유 품명을 표기 : Refers to unique names of parts

⑥ Applied Period

Ex1) 2007년2월10일 적용, 2008년7월10일 폐기
-> Feb.10.07 ~ Jul.10.08

Ex1) Applied from Feb. 10, 2007, To on July 10, 2008
-> Feb.10.07 ~ Jul.10.08

Ex2) 2007년 2월 10일 부터 파트북 발행일 까지 적용
-> Feb.10.07 ~

Ex2) Applied from Feb. 10, 2007
-> Feb.10.07 ~

Information

A. Structure of Part Book

⑦ Interchangeability

O : 구 부품을 신 부품으로 교환 가능

신 부품을 구 부품으로 교환 가능

: It is interchangeable between old and new part.

X : 구 부품을 신 부품으로 교환 불가능

신 부품을 구 부품으로 교환 불가능

: It is not interchangeable between old and new part.

△ : 구 부품을 신 부품으로 교환 가능

신 부품을 구 부품으로 교환 불가능

: It is interchangeable by new part only.

Interchangeability		
O	X	△
Old -> New: OK New -> Old : OK	Old -> New: NO New -> Old : No	Old -> New: OK New -> Old : No

⑧ Hardware : 시중에서 구매 할 수 있는 부품

: Parts that can be purchased in the market

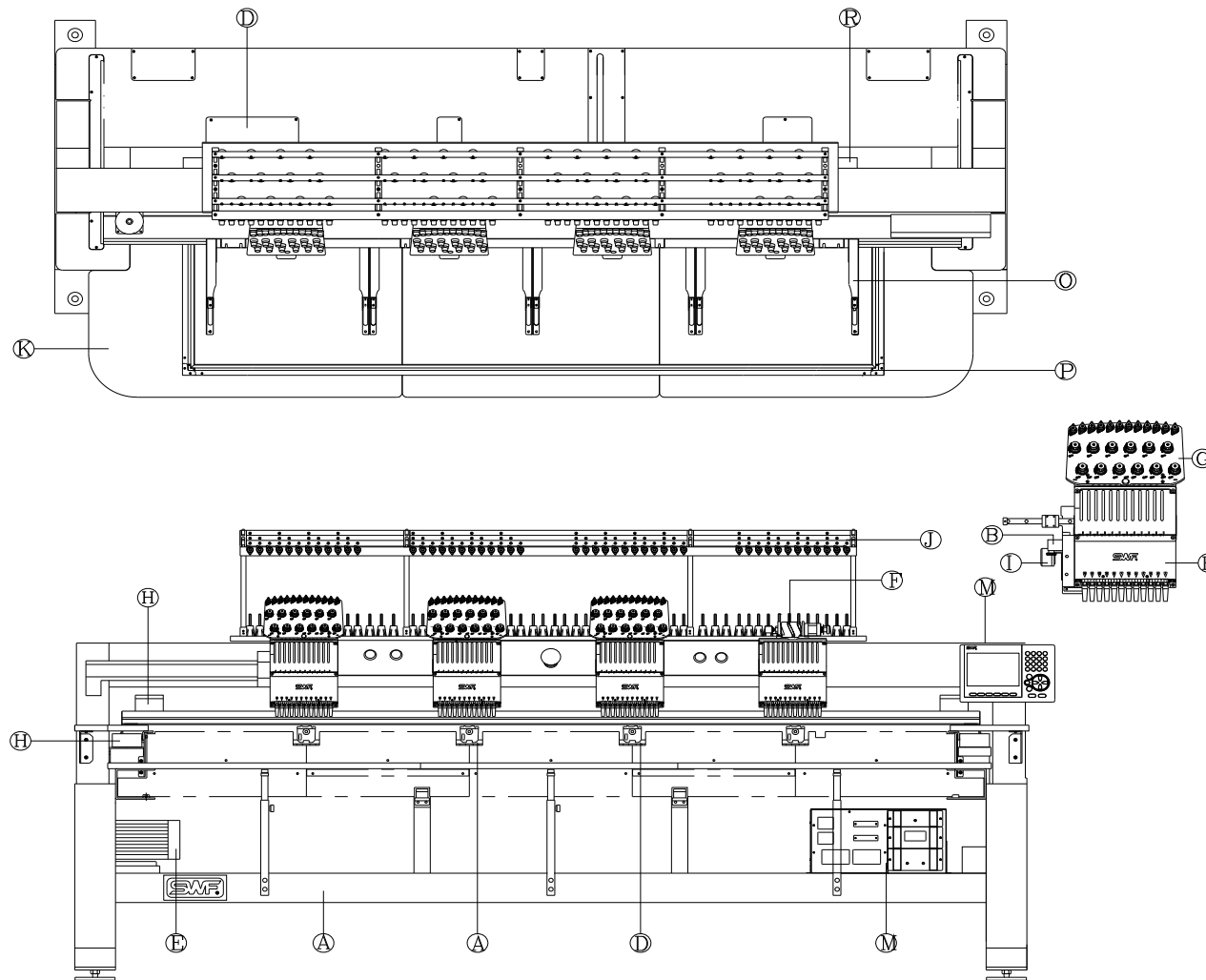
⑨ Q'ty : 사용 파트의 수량을 표기

: Quantity of part

⑩ Remark

⑪ Index Number

Machine Layout



- A. Beam Body & Bed
- B. Arm 1
- C. Arm 2
- D. Thread Cutting Set
- E. Main Drive Sytem
- F. Head & Color Change
- G. Thread Tension Unit
- H1. X-Y Drive Set(UK1204)
- H2. X-Y Drive Set(UK1206)
- H3. X-Y Drive Set(UH1506C)
- I. Setting
- J. Spool
- K1. TABLE (UK1204)
- K2. TABLE (UK1206)
- K3. TABLE (UH1506C)
- L. Cable
- M. Con Box & O/P Box
- N. Lamp & Switch
- O. Bobbin Winder
- P. Cover
- Q1. Tubular Frame
- Q2. Border Frame



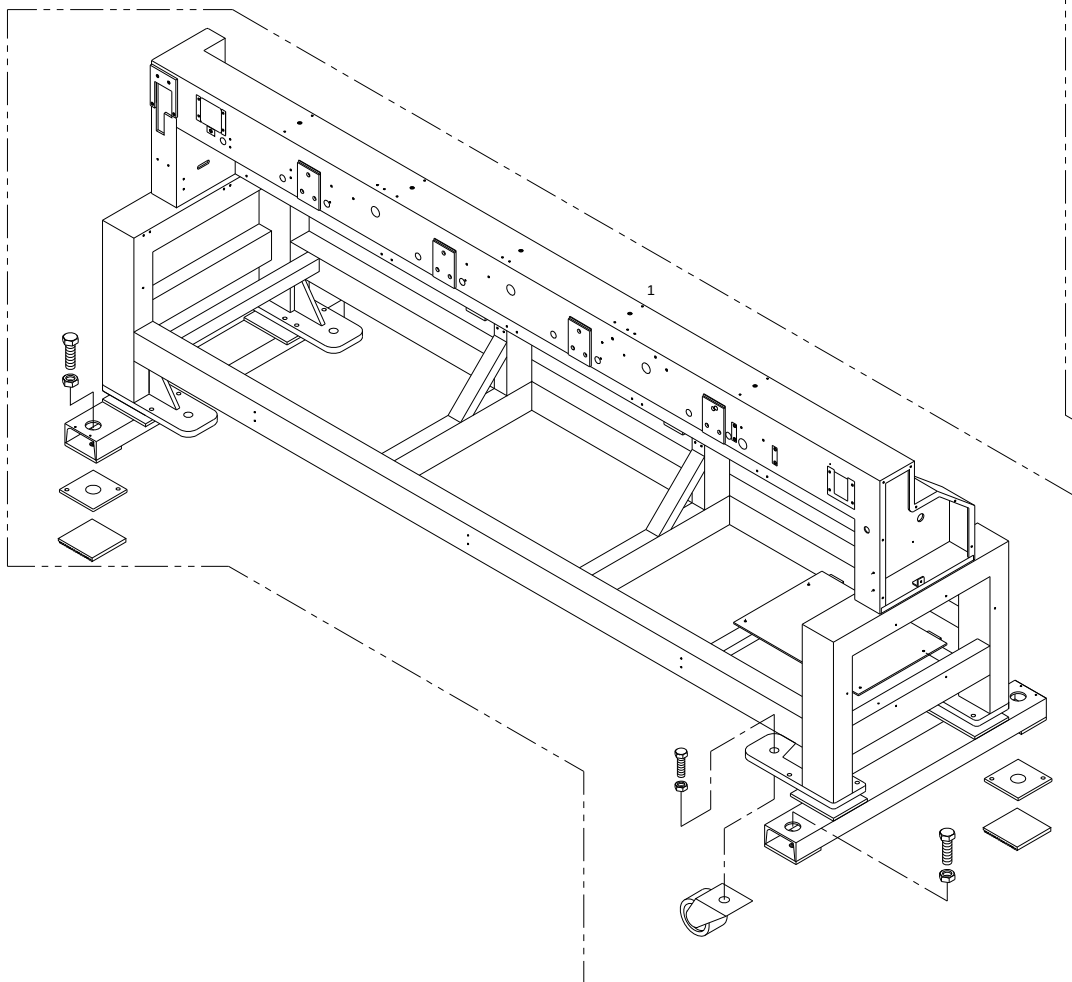
CONTENT

A	Beam Body & Bed	10
B	Arm 1	13
C	Arm 2	20
D	Thread Cutting Set	29
E	Main Drive System	35
F	Head & Color Change	41
G	Thread Tension Unit	50
H1	X-Y Drive (UK1204)	54
H2	X-Y Drive (UK1206)	64
H3	X-Y Drive (UH1506C)	75
I	Setting	84

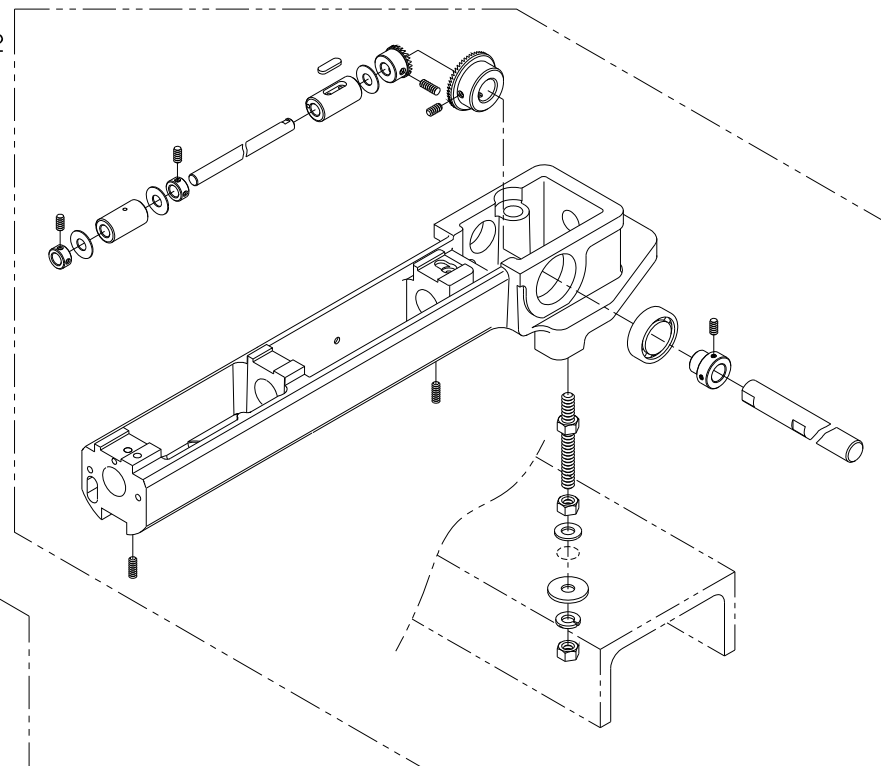
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K1	Table (UK1204)	95
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L	Cable	107
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O	Bobbin Winder	121
P	Cover	124
Q1	Tubular Frame	130
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Beam Body & Bed

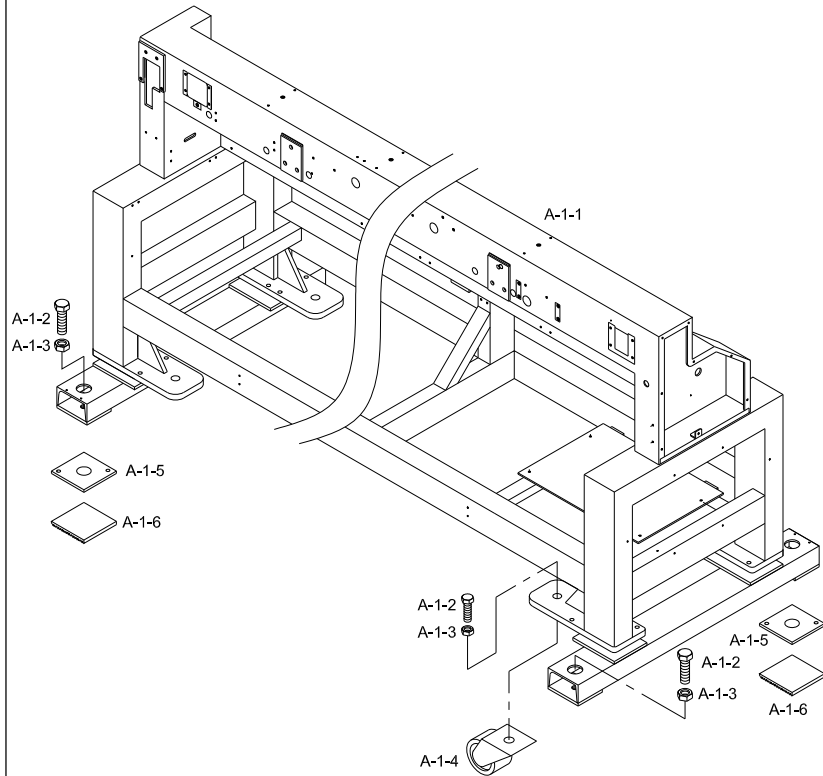
A-1



A-2



A-1



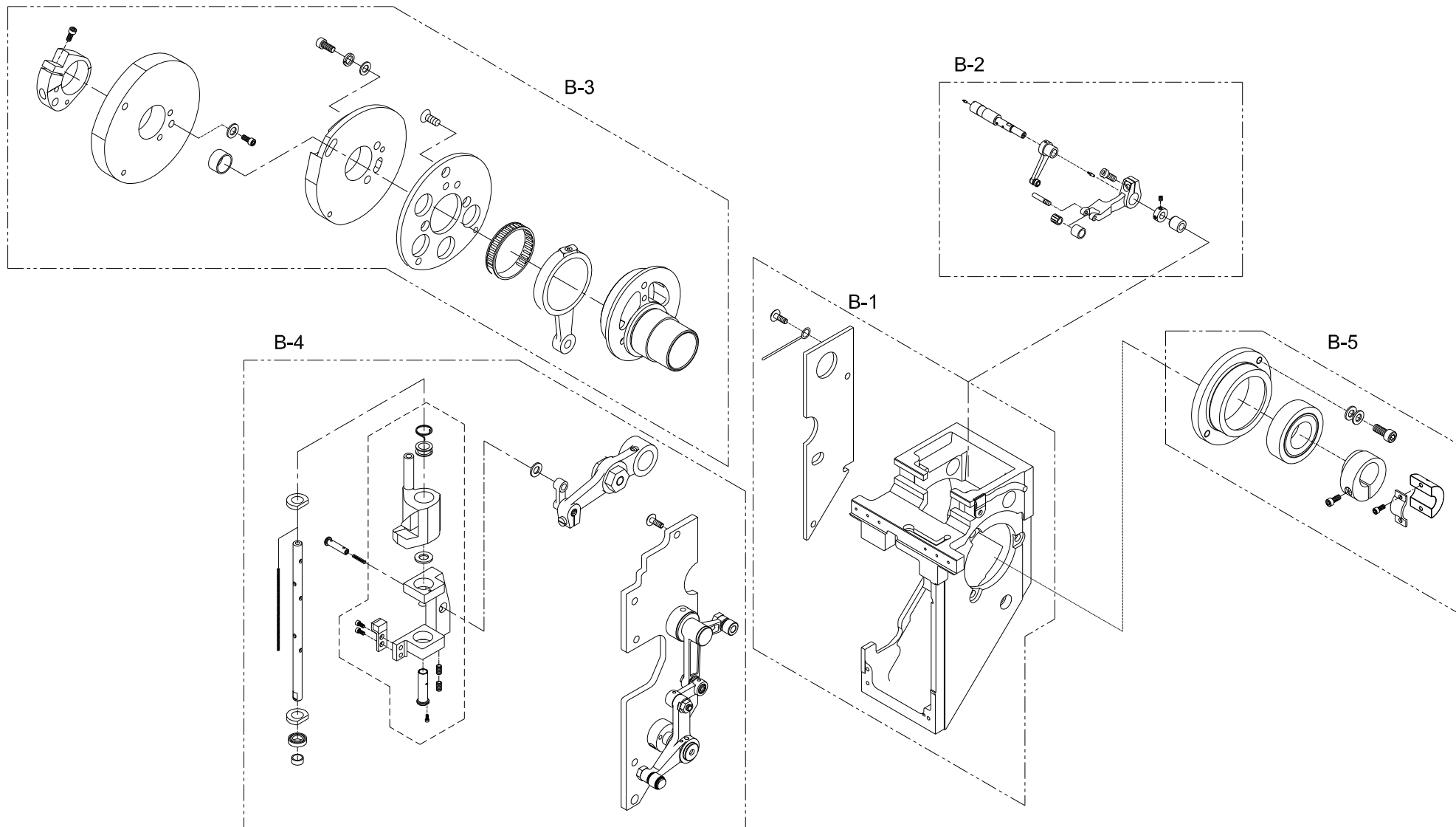
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-1-1	GP-044502-00	Beam & Body (Ass'Y) UK1204	Des,12,08 ~	X		1	
	GP-044502-01		Feb,06,09 ~	△			
	GP-044502-02		Mar,05,09 ~	△			
	GP-044502-03		Jun,29,09 ~	△			
	GP-044502-04		Jul,16,09 ~	△			
	GP-044502-05		Sep,17,09 ~	△			
	GP-044502-06		Apr,20,11 ~	△			
	GP-044502-07		Jul,06,11 ~	△			
	GP-044502-08		Sep,01,11 ~	△			
	GP-044502-09		Oct,08,11 ~	△			
	GP-044502-10		Nov,15,11 ~	△			
	GP-044978-00	Beam & Body Ass'Y UK1206	Feb,05,09 ~	X		1	
	GP-044978-01		Mar,05,0 ~	△			
	GP-044978-02		Jun,29,09 ~	△			
	GP-044978-03		Mar,08,10 ~	△			
	GP-044978-04		Apr,08,11 ~	△			
	GP-044978-05		Apr,25,11 ~	△			
	GP-044978-06		Jul,06,11 ~	△			
	GP-044078-00	Beam & Body UH1506C	Nov,07,08 ~	X		1	
	GP-044078-01		Nov,27,08 ~	△			
	GP-044078-02		Jan,05,09 ~	△			
	GP-044078-03		Mar,05,09 ~	△			
	GP-044078-04		Mar,25,09 ~	△			
	GP-044078-05		Jun,22,09 ~	△			
	GP-044078-06		Jun,29,09 ~	△			
	GP-044078-07		Jul,16,09 ~	△			
	GP-044078-08		Sep,17,09 ~	△			
	GP-044078-09		Apr,20,11 ~	△			
	GP-044078-10		Jul,06,11 ~	△			
	GP-044078-11		Sep,01,11 ~	△			
	GP-044078-12		Nov,15,11 ~	△			
A-1-2	SC-000337-00	Hex. Bolt (M20*L70)	Mar,21,05 ~	X	○	4	
A-1-3	02036SN-1211	Hex. Nut (M20-No2)			○	4	
A-1-4	CR-000001-00	HAMMER CASTER SET	Nov,08,04 ~	X		4	
A-1-5	GP-010074-00	Leveling Base	Jun,13,05 ~	X		4	
A-1-6	CST-FD002400	Rubber for Body Leveling Plate		X		4	

A

[illegible]

Arm 1



This exploded view diagram illustrates the assembly of the B-1 door. The main components shown are:

- B-1-1**: The main door panel.
- B-1-2**: A long screw used for mounting the door to the frame.
- B-1-3**: A washer or spacer ring.
- B-1-4**: A circular gasket or seal.
- B-1-5**: A small bracket or clip.
- B-1-6**: A small screw or pin.
- B-1-7**: A small bracket or clip.
- B-1-8**: A small screw or pin.
- B-1-9**: A vertical support or hinge component.
- B-1-10**: A small screw or pin.
- B-1-11**: A small screw or pin.

The diagram shows the door panel (B-1-1) being assembled with the support (B-1-9) and the mounting hardware (B-1-2, B-1-3, B-1-4). The gasket (B-1-4) is shown being placed around the perimeter of the door. The small brackets (B-1-5, B-1-7) and screws (B-1-6, B-1-8) are shown being attached to the bottom of the door panel.

Note



Note

B

Note

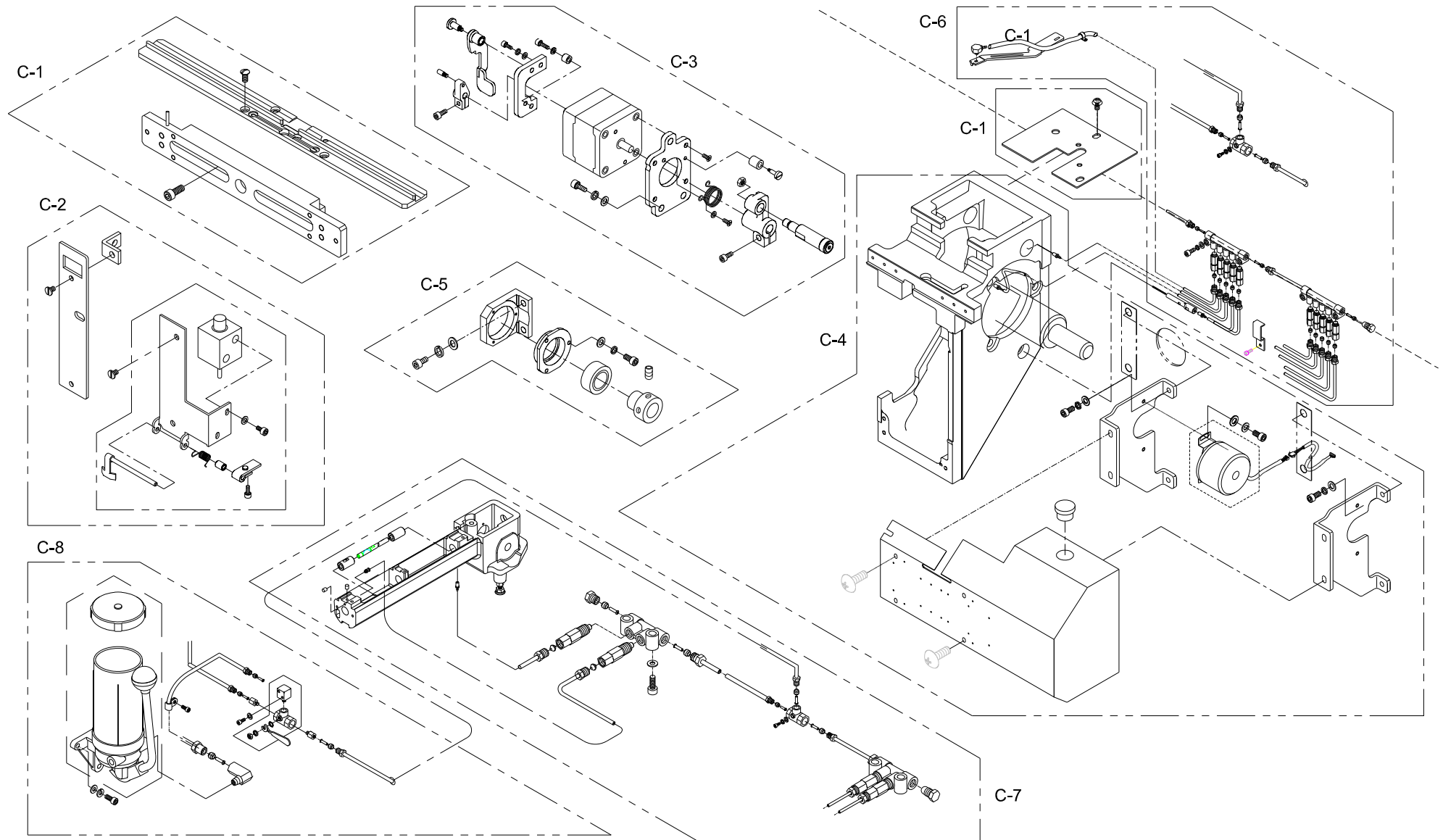
B

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Note



Arm 2



C-1

Diagram illustrating the assembly components and their installation:

- C-1-1**: Main base plate.
- C-1-2**: Screws for securing the base plate.
- C-1-3**: Longitudinal rail or guide.
- C-1-4**: Screws for securing the rail.
- C-1-5**: Mounting plate for the upper assembly.
- C-1-6**: Screws for securing the mounting plate.

Note



C-2

This exploded view diagram illustrates the assembly of the C-2 unit. The components are labeled as follows:

- C-2-1**: The main rectangular housing or frame.
- C-2-2**: A vertical plate or divider that fits into the side of the main housing.
- C-2-3**: A screw used to secure the vertical plate (C-2-2) to the main housing (C-2-1).
- C-2-4**: A long, thin metal rod or pin that passes through the bottom of the main housing and the vertical plate.
- C-2-5**: A small spring or washer that fits onto the rod (C-2-4) near the bottom of the vertical plate.
- C-2-6**: A small cylindrical component that fits onto the rod (C-2-4) below the spring.
- C-2-7**: A bracket or support piece that fits onto the rod (C-2-4) at the bottom.
- C-2-8**: A screw used to secure the bottom bracket (C-2-7) to the main housing.
- C-2-9**: A small cylindrical component that fits into the side of the main housing.
- C-2-10**: A small screw or pin that secures the side component (C-2-9) to the main housing.
- C-2-11**: A small screw or pin that secures the bottom of the vertical plate to the main housing.
- C-2-12**: A long, thin metal plate or support that fits behind the main housing.
- C-2-13**: A small bracket or support piece that fits onto the top of the main housing.
- C-2-14**: A screw used to secure the top bracket (C-2-13) to the main housing.

Note



[illegible]

Note	
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[illegible]

Note

C

This exploded view diagram illustrates the assembly of the front panel. The components are labeled as follows:

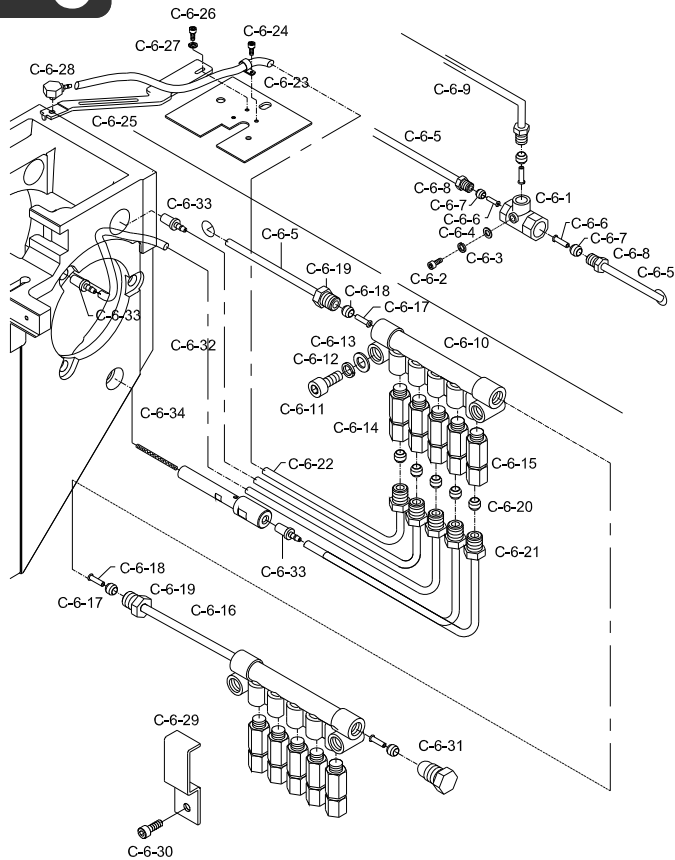
- C-5-1**: Front panel housing.
- C-5-2**: Small screw.
- C-5-3**: Washer.
- C-5-4**: Nut.
- C-5-5**: Flange.
- C-5-6**: Small screw.
- C-5-7**: Washer.
- C-5-8**: Nut.
- C-5-9**: Flange.
- C-5-10**: Knob.
- C-5-11**: Spacer ring.

The diagram shows the front panel housing (C-5-1) with various screws (C-5-2, C-5-6) and washers (C-5-3, C-5-7) being installed. The flange (C-5-5) is shown being attached to the housing. The knob (C-5-10) is shown being attached to the flange (C-5-9) using a nut (C-5-8) and washer (C-5-7). The spacer ring (C-5-11) is shown being installed between the flange (C-5-5) and the housing (C-5-1).

Note



C-6



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-6-1	01303900H000	Oil Distribution Junction				2	
C-6-2	14046SC-7113	Hex.Socket Bolt (M6*L30)			O	1	
C-6-3	03026SW-9115	Spring Washer (@6)			O	1	
C-6-4	03025SW-1211	Washer (@6)			O	1	
C-6-5	01303800H000	Hose				2	
C-6-6	01300300H000	Oil Pump Hose Insert				3	
C-6-7	01300400H000	Oil Pump Compression Sleeve				3	
C-6-8	01300500H000	Oil Pump Compression Bushing				3	
C-6-9	01302400H000	Stop Valve Adapter Hose (@4)				1	
C-6-10	01302700U000	Mos Metering Valve Junction				20	
C-6-11	14046SC-7113	Hex.Socket Bolt (M6*L30)			O	40	
C-6-12	03026SW-9115	Spring Washer (@6)			O	3	
C-6-13	03025SW-1211	Washer (@6)			O	40	
C-6-14	01300900H000	Mos Metering Valve				20	
C-6-15	01302000H000	Mos Metering Valve (Mos-1)				120	
C-6-16	01302800HD00	Mos Valve Junction Hose @4				18	
C-6-17	01300300H000	Oil Pump Hose Insert				44	
C-6-18	01300400H000	Oil Pump Compression Sleeve				44	
C-6-19	01300500H000	Oil Pump Compression Bushing				44	
C-6-20	01301300H000	Bed Oil Compression Sleeve				80	
C-6-21	01301400H000	Bed Oil Compression Bushing				80	
C-6-22	01302900H000	Needle Bar Supply Hose				20	
C-6-23	01303600H000	Needle Bar Oil Hose Holder				20	
C-6-24	05007SC-7113	Hex. Socket Bolt (M3*L5)			O	20	
C-6-25	GP-029277-00	Head Oil Hose Guide	Apr,20,07 ~ Jul,23,07	X		20	
	GP-029277-01		Jul,24,07 ~ Oct,24,07	△			
	GP-029277-02		Oct,25,07 ~	△			
C-6-26	05007SC-7113	Hex. Socket Bolt (M3*L5)			O	40	
C-6-27	06011SW-2111	Washer (@3)			O	40	
C-6-28	01303110H000	Elbow Tube End (E*0.3*2.4)				20	
C-6-29	18033PR-UK01	Oil Tube Guide				20	
C-6-30	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	20	
C-6-31	01301900H000	Close Plug (M8*1.0)				3	
C-6-32	01303200H000	Take-Up Lever Oil Supply Hose				20	
C-6-33	01301600H000	Hook Oil Supply Nipple				60	
C--34	01303300H000	Needle Bar Driving Shaft Hose				20	

This diagram illustrates the exploded view of the C-7 hydraulic cylinder assembly. The main components are shown in their relative positions for assembly. Key parts include the cylinder body, piston rod, piston, and various seals and fittings. The assembly is labeled with part numbers C-7-1 through C-7-22, indicating the sequence and location of each component. The diagram shows the cylinder body with the piston rod extending from it. The piston is mounted on the rod, and various seals and fittings are shown being installed onto the cylinder body and piston rod. The assembly is shown in a disassembled state to show the relationship between the parts.

Note



C-8

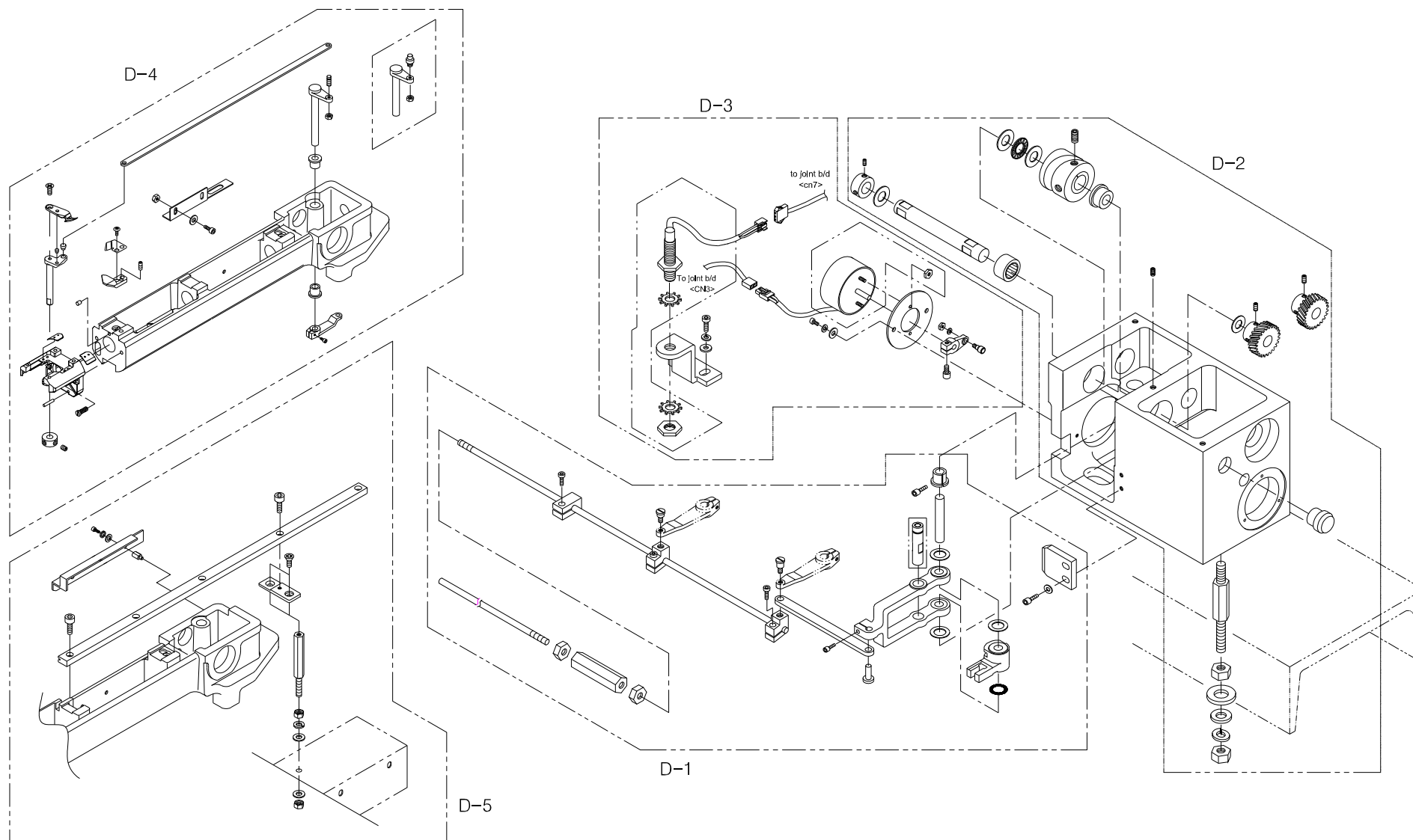
This diagram illustrates the assembly of the C-8 water pump. The main components shown are:

- C-8-1**: The pump housing, shown in an exploded view with the impeller cover.
- C-8-2**: The impeller cover, shown in an exploded view with the impeller.
- C-8-3**: The impeller, shown in an exploded view with the impeller cover.
- C-8-4**: The impeller nut, shown in an exploded view with the impeller.
- C-8-5**: The pump motor, shown in an exploded view with the pump housing.
- C-8-6**: The pump housing, shown in an exploded view with the pump motor.
- C-8-7**: The pump housing, shown in an exploded view with the pump motor.
- C-8-8**: The pump housing, shown in an exploded view with the pump motor.
- C-8-9**: The pump housing, shown in an exploded view with the pump motor.
- C-8-10**: The pump housing, shown in an exploded view with the pump motor.
- C-8-11**: The pump housing, shown in an exploded view with the pump motor.
- C-8-12**: The pump housing, shown in an exploded view with the pump motor.
- C-8-13**: The pump housing, shown in an exploded view with the pump motor.
- C-8-14**: The pump housing, shown in an exploded view with the pump motor.
- C-8-15**: The pump housing, shown in an exploded view with the pump motor.
- C-8-16**: The pump housing, shown in an exploded view with the pump motor.
- C-8-17**: The pump housing, shown in an exploded view with the pump motor.
- C-8-18**: The pump housing, shown in an exploded view with the pump motor.
- C-8-19**: The pump housing, shown in an exploded view with the pump motor.
- C-8-20**: The pump housing, shown in an exploded view with the pump motor.

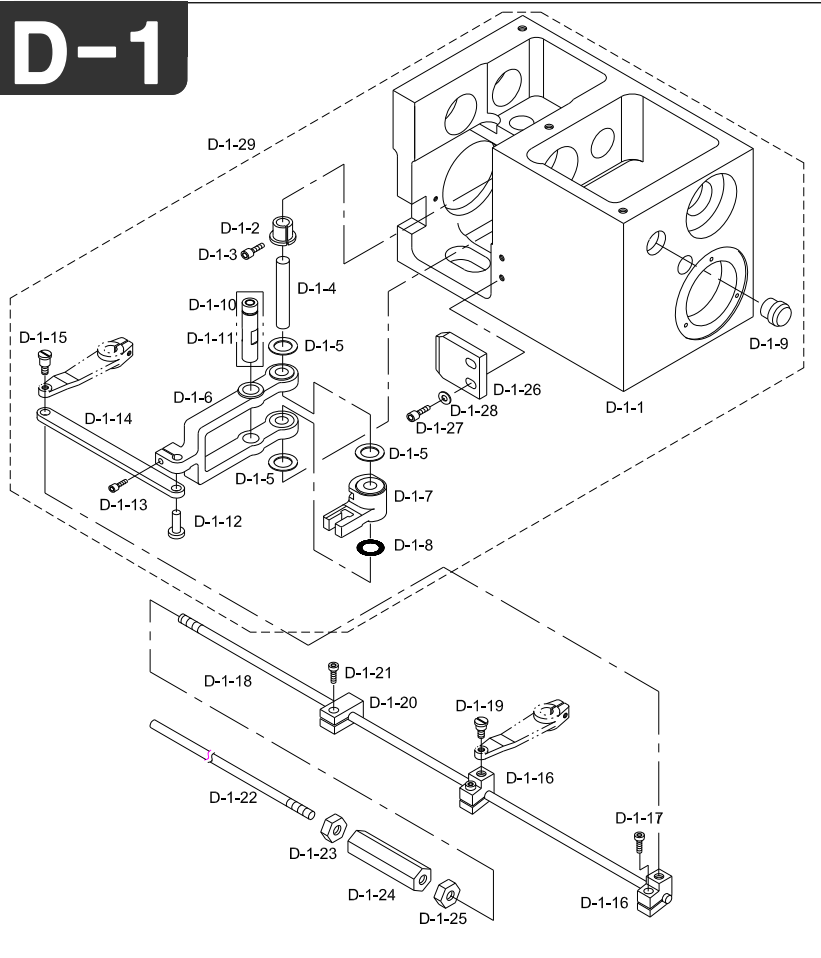
Note



Thread Cutting Set



D-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
D-1-1	GP-011445-00	Mes Cam Driving Box	Aug,29,05 ~	X		1	
D-1-2	08203000A000	Take-Up Lever Shaft Bush(L)				1	
D-1-3	02014SC-7113	Hex. Socket Bolt (M4*L5)			○	1	
D-1-4	07025CW-UK01	Lever Shaft (@8*L70)			○	1	
D-1-5	07024BR-UK01	Fiber Washer(R-Tw0805)				3	
D-1-6	07028CL-UK01	Mes Driving Lever				1	
D-1-7	07029CL-UK01	Mes Driving Crank				1	
D-1-8	08022RB-T121	O-Ring (@10)			○	1	
D-1-9	08071RB-UK01	Thread Driver Box Rubber				1	
D-1-10	07030AF-UK01	Roller				1	
D-1-11	07026CW-UK01	Roller Shaft				1	
D-1-12	08034CW-UK01	Lever Connecting Pin				1	
D-1-13	04010MC-7113	Hex.Socket Bolt (M4*L10)			○	1	
D-1-14	03000700TH00	Thread Lever Connect Link				1	
D-1-15	SC-001609-00	Link Stud Bolt	Jan,13,09 ~	X		1	
D-1-16	08023CL-UK01	Mes Shaft Cramp				4	
D-1-17	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	4	
D-1-18	23004SH-UK02	Mes Driving Shaft @6,L520 (UK1202)				1	
	23004SH-UK01	Mes Driving Shaft (UK1204)					
	23006SH-UK06	Mes Driving Shaft "A" L=1255 (UK1206)					
	02000300UH60	MES DRIVING SHAFT L2020 (UH1506C)					
	02000300UH80	Mes Driving Shaft "A" L1443 (UH1508)					
D-1-19	SC-001610-00	Clamp Stud Bolt	Jan,13,09 ~	X		3	
D-1-20	08023CW-A001	Mes Shaft Cramp				1	
D-1-21	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	1	
D-1-22	23007SH-UK06	Mes Driving Shaft "B" L=1255 (UK1206)				1	
	02000400UH80	MES DRIVING SHAFT "B" L1377 (UH1508)					
D-1-23	17051SN-A001	Mes Priving Shaft Joint				1	
D-1-24	13042SN-1111	Hex.Nut (M6*T5-R)			○	1	
D-1-25	17053SN-1111	Hex. Nut(L) (M6*T5-L)			○	1	
D-1-26	08021PM-UK01	Lever Stopper				1	
D-1-27	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	2	
D-1-28	18015SW-3111	Washer (4@)			○	2	
D-1-29	03900000UH00	Mes Cam Driving Box Assy				1	

This exploded view diagram illustrates the assembly of the D-2 component. The main body is a rectangular block with internal features. The assembly sequence is indicated by callouts D-2-1 through D-2-18. Key components include:

- D-2-1:** A small cylindrical component.
- D-2-2:** A small cylindrical component.
- D-2-3:** A small cylindrical component.
- D-2-4:** A small cylindrical component.
- D-2-5:** A small cylindrical component.
- D-2-6:** A small cylindrical component.
- D-2-7:** A small cylindrical component.
- D-2-8:** A small cylindrical component.
- D-2-9:** A small cylindrical component.
- D-2-10:** A small cylindrical component.
- D-2-11:** A small cylindrical component.
- D-2-12:** A small cylindrical component.
- D-2-13:** A small cylindrical component.
- D-2-14:** A small cylindrical component.
- D-2-15:** A small cylindrical component.
- D-2-16:** A small cylindrical component.
- D-2-17:** A small cylindrical component.
- D-2-18:** A small cylindrical component.

Note

D

Diagram illustrating the assembly of the D-1-29 component, showing various parts and their assembly sequence:

- D-3-12**: A large threaded component, likely a nut or washer, shown at the top left.
- To joint b/d <CN3>**: A label indicating the connection point for the cable assembly.
- D-3-18**: A cable connector component, shown at the top right.
- D-3-17**: A cable connector component, shown in the middle left.
- D-3-14**, **D-3-15**, **D-3-16**: A small assembly of three components (a screw, a washer, and a plate) shown in the middle left.
- D-3-13**: A U-shaped bracket component, shown in the middle left.
- D-3-5**: A large circular component, likely a motor or actuator, shown in the center.
- D-3-2**, **D-3-3**, **D-3-4**: Small screws or pins, shown near the center.
- D-3-6**: A small rectangular component, shown at the top right.
- D-3-11**, **D-3-10**, **D-3-7**, **D-3-9**, **D-3-8**: A complex assembly of components (a bracket, a pin, a screw, a washer, and a nut) shown at the bottom right.
- D-3-1**: A circular flange or plate component, shown in the bottom right.
- D-1-29**: The main assembly, shown in the center.

D

D-4

This exploded view diagram illustrates the assembly of the D-4 component. The main assembly is shown in a perspective view, with various parts labeled with callouts. The components are as follows:

- D-4-1**: Main housing or base component.
- D-4-2**: Small cylindrical pin or bush.
- D-4-3**: Small cylindrical pin or bush.
- D-4-4**: Small rectangular plate or bracket.
- D-4-5**: Small rectangular plate or bracket.
- D-4-6**: Small cylindrical pin or bush.
- D-4-7**: Small rectangular plate or bracket.
- D-4-8**: Small cylindrical pin or bush.
- D-4-9**: Small rectangular plate or bracket.
- D-4-10**: Small cylindrical pin or bush.
- D-4-11**: Small cylindrical pin or bush.
- D-4-12**: Small cylindrical pin or bush.
- D-4-13**: Long, thin rectangular plate or bracket.
- D-4-14**: Small rectangular plate or bracket.
- D-4-15**: Small cylindrical pin or bush.
- D-4-16**: Small cylindrical pin or bush.
- D-4-17**: Small rectangular plate or bracket.
- D-4-18**: Small cylindrical pin or bush.
- D-4-19**: Small cylindrical pin or bush.
- D-4-20**: Small rectangular plate or bracket.
- D-4-21**: Small cylindrical pin or bush.
- D-4-22**: Small rectangular plate or bracket.
- D-4-23**: Small rectangular plate or bracket.
- D-4-24**: Small rectangular plate or bracket.
- D-4-25**: Small rectangular plate or bracket.
- D-4-26**: Small cylindrical pin or bush.
- D-4-27**: Small rectangular plate or bracket.

The diagram shows the assembly sequence for the D-4 component, with parts being added to the main housing (D-4-1) in a specific order. The parts are labeled with callouts and are shown in their relative positions to the main assembly.

Note

D

D-5

This exploded view diagram illustrates the assembly of the D-5 component. The main assembly is shown in a perspective view, with various parts labeled with callouts:

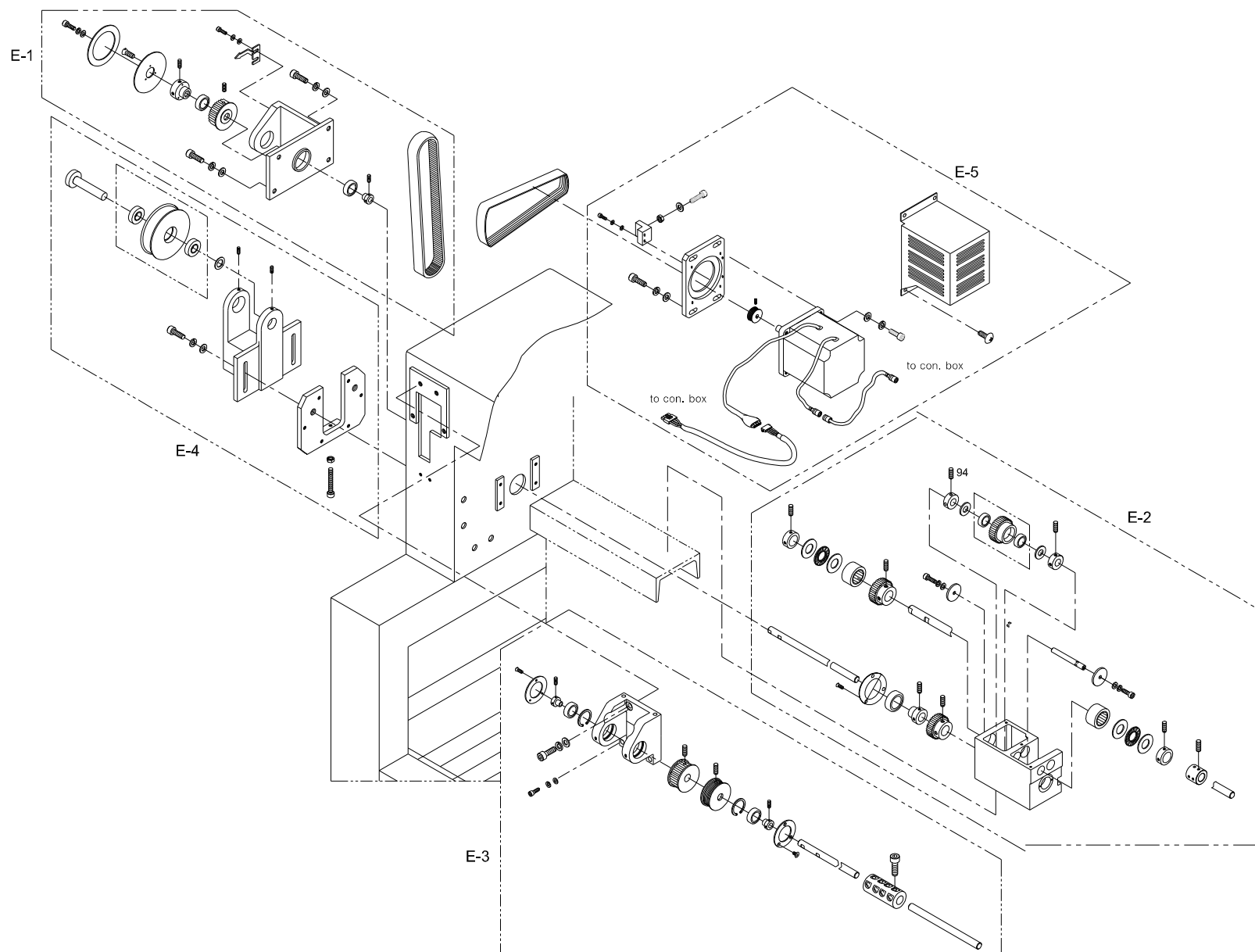
- D-5-1**: The main horizontal rail or track.
- D-5-2**: A screw used to secure the rail to the main assembly.
- D-5-3**: A small rectangular plate or bracket.
- D-5-4**: A screw used to secure the plate to the rail.
- D-5-5**: A long, thin rod or pin.
- D-5-6**: A small circular washer or spacer.
- D-5-7**: A small circular washer or spacer.
- D-5-8**: A small circular washer or spacer.
- D-5-9**: A small circular washer or spacer.
- D-5-10**: A small cylindrical component, possibly a pin or bush.
- D-5-11**: A small rectangular plate or bracket.
- D-5-12**: A small screw or pin.
- D-5-13**: A small screw or pin.
- D-5-14**: A small screw or pin.

The diagram shows the assembly of the rail (D-5-1) to the main assembly, with the plate (D-5-3) and rod (D-5-5) being attached to the rail. The washers (D-5-6, D-5-7, D-5-8, D-5-9) are shown being inserted into the rail. The small components (D-5-10, D-5-11, D-5-12, D-5-13, D-5-14) are also shown being inserted into the rail.

Note

D

Main Drive System



Note

E

This diagram illustrates the exploded view of a mechanical assembly, likely a pump or motor component. The parts are labeled as follows:

- E-2-1:** Main housing or base.
- E-2-2:** Small circular component, possibly a seal or gasket.
- E-2-3:** Small circular component, possibly a seal or gasket.
- E-2-4:** Small circular component, possibly a seal or gasket.
- E-2-5:** Small circular component, possibly a seal or gasket.
- E-2-6:** Small circular component, possibly a seal or gasket.
- E-2-7:** Small circular component, possibly a seal or gasket.
- E-2-8:** Long cylindrical component, possibly a shaft or pin.
- E-2-9:** Small circular component, possibly a seal or gasket.
- E-2-10:** Small circular component, possibly a seal or gasket.
- E-2-11:** Small circular component, possibly a seal or gasket.
- E-2-12:** Small circular component, possibly a seal or gasket.
- E-2-13:** Small circular component, possibly a seal or gasket.
- E-2-14:** Small circular component, possibly a seal or gasket.
- E-2-15:** Small circular component, possibly a seal or gasket.
- E-2-16:** Small circular component, possibly a seal or gasket.
- E-2-17:** Small circular component, possibly a seal or gasket.
- E-2-18:** Small circular component, possibly a seal or gasket.
- E-2-19:** Small circular component, possibly a seal or gasket.
- E-2-20:** Small circular component, possibly a seal or gasket.
- E-2-21:** Small circular component, possibly a seal or gasket.
- E-2-22:** Small circular component, possibly a seal or gasket.
- E-2-23:** Small circular component, possibly a seal or gasket.
- E-2-24:** Small circular component, possibly a seal or gasket.
- E-2-25:** Small circular component, possibly a seal or gasket.
- E-2-26:** Small circular component, possibly a seal or gasket.

The diagram shows the assembly sequence and the relative positions of the components. Dashed lines indicate the alignment and assembly path for each part.

Note

E

E-3

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The components are numbered as follows:

- E-3-1:** Main housing or bracket.
- E-3-2:** Spring.
- E-3-3:** Washer or spacer.
- E-3-4:** Washer or spacer.
- E-3-5:** Bolt or screw.
- E-3-6:** Bolt or screw.
- E-3-7:** Bolt or screw.
- E-3-8:** Washer or spacer.
- E-3-9:** Washer or spacer.
- E-3-10:** Washer or spacer.
- E-3-11:** Bolt or screw.
- E-3-12:** Washer or spacer.
- E-3-13:** Bolt or screw.
- E-3-14:** Gear or pulley.
- E-3-15:** Bolt or screw.
- E-3-16:** Bolt or screw.
- E-3-17:** Flange or cover plate.
- E-3-18:** Bolt or screw.
- E-3-19:** Bolt or screw.
- E-3-20:** Bolt or screw.
- E-3-21:** Long shaft or rod.

The diagram shows the assembly sequence and relative positions of these parts, with dashed lines indicating the alignment and fit of the components.

Note

E

E-4

This exploded view diagram illustrates the assembly of the E-4 component. The diagram shows the following parts and their assembly sequence:

- E-4-10**: A long screw with a washer, shown at the top left.
- E-4-9**: A pulley or wheel component, shown in the upper middle.
- E-4-11**: A small washer or spacer, shown below the pulley.
- E-4-8**: Two small screws, shown to the right of the pulley.
- E-4-5**: A spring, shown in the middle left.
- E-4-6**: A small washer or spacer, shown below the spring.
- E-4-7**: A small washer or spacer, shown below E-4-6.
- E-4-4**: A U-shaped bracket or support, shown in the center.
- E-4-1**: A larger U-shaped bracket or support, shown below E-4-4.
- E-4-3**: A small screw, shown below E-4-1.
- E-4-2**: A long screw, shown below E-4-3.
- E-4-13**: A small washer or spacer, shown at the bottom left.
- E-4-12**: A small screw, shown below E-4-13.

The diagram uses dashed lines to indicate the assembly path and the relative positions of the components. The main assembly is shown on the right, with dashed lines indicating the internal structure and the placement of the components.

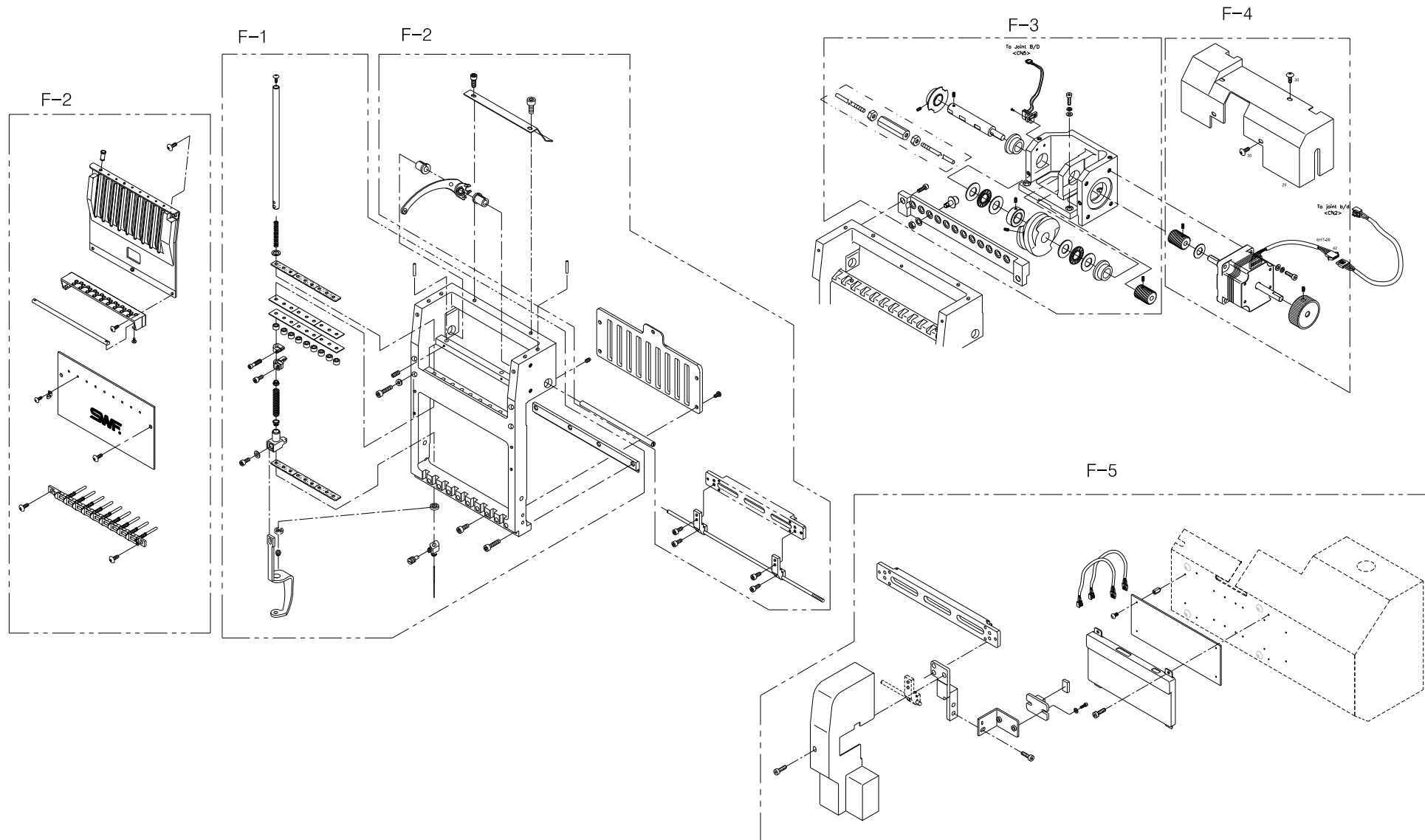
Note

E

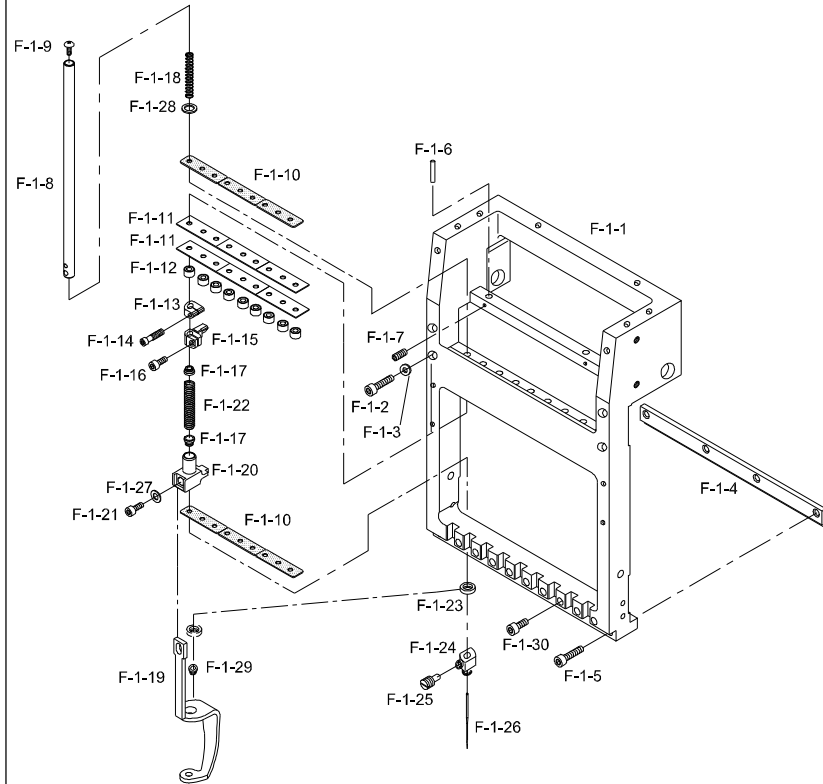
Note



Head & Color Change



F-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-1-1	GP-007356-00	Head (6C)	Jan,28,05 ~	X		4	
	GP-007356-01		Jul,21,06 ~	△			
	GP-007356-02		Nov,14,06 ~	△			
	GP-007356-03		Mar,26,07 ~	△			
	GP-011947-00	Head (9C)	Sep,14,05 ~	X		4	
	GP-011947-01		Nov,14,06 ~	△			
	GP-011947-02		Mar,26,07 ~	△			
	GP-011947-03		Nov,02,07 ~	△			
	GP-011947-04		Sep,11,08 ~	△			
	GP-011947-05		Nov,03,08 ~	△			
	GP-014937-00	Head (12C)	Feb,01,06 ~	X		4	
	GP-014937-01		Nov,14,06 ~	△			
	GP-014937-02		Mar,26,07 ~	△			
	GP-014937-03		Nov,02,07 ~	△			
	GP-014937-04		Sep,11,08 ~	△			
	GP-014937-05		Nov,03,08 ~	△			
	GP-007334-00	Head (15C)	Jan,27,05 ~	X		4	
	GP-007334-01		Jan,28,05 ~	△			
	GP-007334-02		Jul,21,06 ~	△			
	GP-007334-03		Nov,14,06 ~	△			
	GP-007334-04		Mar,26,07 ~	△			
	GP-007334-05		Nov,02,07 ~	△			
	GP-007334-06		Sep,11,08 ~	△			
	GP-007334-07		Nov,03,08 ~	△			
F-1-2	05008SC-4113	Hex.Socket Bolt (M4*L16)			○	16	
F-1-3	06003SW-2111	Washer (@4)			○	16	
F-1-4	GP-011944-00	Head Rail	Sep,14,05 ~	X		4	
	GP-011944-01		Sep,11,08 ~	△			
	GP-014096-00	Head Rail (12C)	Des,24,05 ~	X		4	
	GP-014096-01		Sep,11,08 ~	△			
F-1-5	SC-000417-00	Hex. Socket Bolt (M4*L23)	Sep,14,05 ~	X	○	8	
F-1-6	05015CW-A001	Head Base Pin(@5*L15)			○	8	
F-1-7	03022SC-4517	Hex. Socket Set Screw(M4*L5)			○	8	
F-1-8	LNB-KA000100	Needle Bar	Dec,21,10 ~	X		36	
	LNB-KA000101		Apr,14,12 ~	△			
F-1-9	05019SC-A001	Needle Bar Cover Screw (M5*L6)			○	36	
F-1-10	05021SF-A001	FELT				30	
F-1-11	05023RB-A001	Needle Bar Cushion Rubber "A"				30	
F-1-12	05024RB-A001	Needle Bar Cushion Rubber "B"				36	
F-1-13	11101200T000	Upper Dead Point Stopper				36	

This exploded view diagram illustrates the assembly of the front panel. The main component is the front panel frame (F-1-1), which is shown with various mounting points and slots. The assembly process involves attaching several components in a specific sequence:

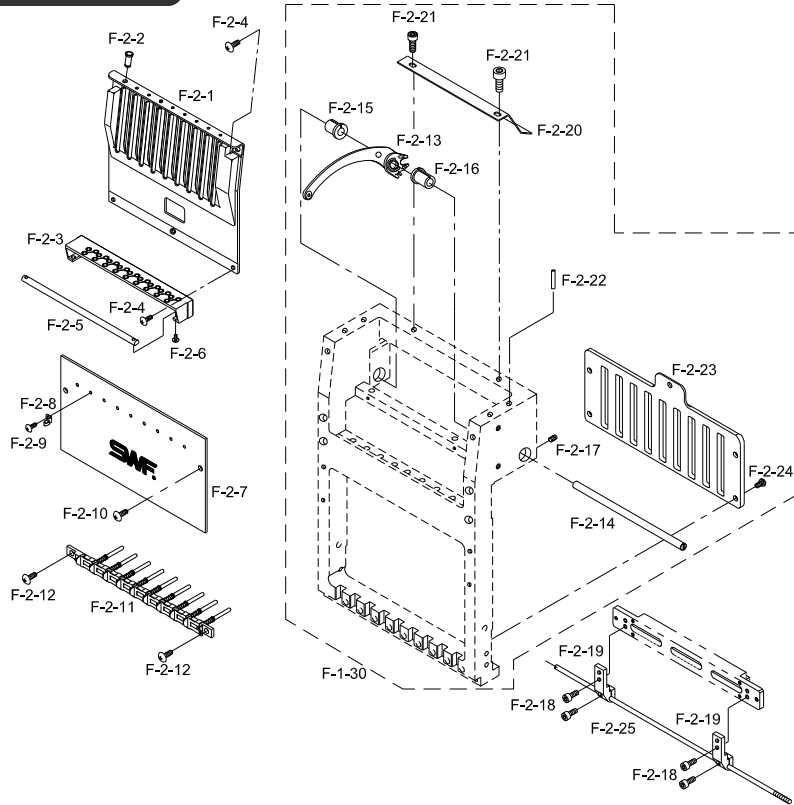
- Top Mounting:** The top panel (F-1-10) is secured with screws (F-1-11, F-1-12) and a spring (F-1-18). A long vertical component (F-1-9) is attached to the top left.
- Internal Components:** The internal frame (F-1-13) is secured with screws (F-1-14, F-1-15) and a spring (F-1-16). The internal frame is then secured to the main panel with screws (F-1-17, F-1-22).
- Bottom Mounting:** The bottom panel (F-1-10) is secured with screws (F-1-21, F-1-27) and a spring (F-1-20). A long vertical component (F-1-19) is attached to the bottom left.
- Side Mounting:** The side panel (F-1-4) is secured with screws (F-1-23, F-1-24, F-1-25, F-1-26) and a spring (F-1-29).
- Other Components:** A long vertical component (F-1-8) is attached to the top left. A long vertical component (F-1-5) is attached to the bottom right.

The diagram uses dashed lines to indicate the assembly path and the relative positions of the components. The components are labeled with part numbers: F-1-1, F-1-2, F-1-3, F-1-4, F-1-5, F-1-6, F-1-7, F-1-8, F-1-9, F-1-10, F-1-11, F-1-12, F-1-13, F-1-14, F-1-15, F-1-16, F-1-17, F-1-18, F-1-19, F-1-20, F-1-21, F-1-22, F-1-23, F-1-24, F-1-25, F-1-26, F-1-27, F-1-28, F-1-29, and F-1-30.

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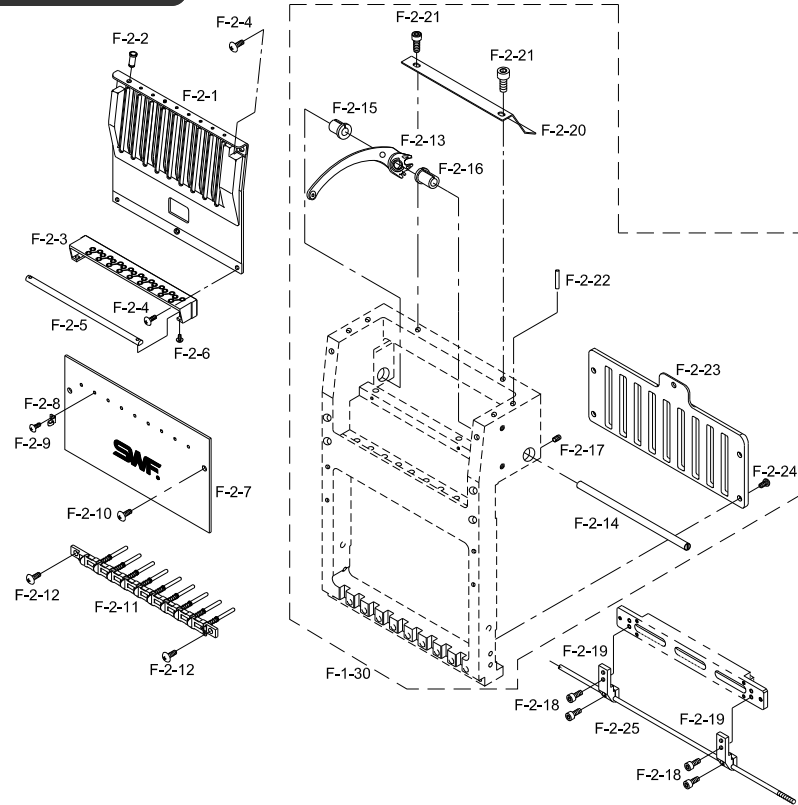
F-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-2-1	10200103B000	Head Face Plate (U) 9C				4	
F-2-2	10200100H000	Thread Guide Bush "A-1"				45	
F-2-3	AS-000483-00	Thread Guide (M) Set (6C)	Jun,23,04 ~	X		4	
	AS-000483-01		May,10,07 ~	△			
	AS-000483-02		Jun,18,07 ~	△			
	AS-000483-03		Des,11,08 ~	△			
	AS-000483-04		Jan,30,09 ~	△			
	AS-000483-05		Feb,17,09 ~	△			
	AS-000483-06		Jan,26,10 ~	△			
	AS-000483-07		Aug,13,10 ~	△			
	AS-000484-00	Thread Guide (M) Set (9C)	Jun,23,04 ~	X			
	AS-000484-01		May,10,07 ~	△			
	AS-000484-02		Jun,18,07 ~	△			
	AS-000484-03		Aug,29,07 ~	△			
	AS-000484-04		Des,11,08 ~	△			
	AS-000484-05		Des,11,08 ~	△			
	AS-000484-06		Jan,14,09 ~	△			
	AS-000484-07		Jan,30,09 ~	△			
	AS-000484-08		Feb,17,09 ~	△			
	AS-000484-09		Jan,26,10 ~	△			
	AS-000484-10		Aug,13,10 ~	△			
	AS-000485-00	Thread Guide (M) Set (12C)	Jun,23,04 ~	X			
	AS-000485-01		May,10,07 ~	△			
	AS-000485-02		Jun,18,07 ~	△			
	AS-000485-03		Des,11,08 ~	△			
	AS-000485-04		Jan,14,09 ~	△			
	AS-000485-05		Jan,30,09 ~	△			
	AS-000485-06		Feb,17,09 ~	△			
	AS-000485-07		Jan,26,10 ~	△			
	AS-000485-08		Aug,13,10 ~	△			
	AS-000486-00	Thread Guide (M) Set (15C)	Jun,23,04 ~	X			
	AS-000486-01		May,10,07 ~	△			
	AS-000486-02		Jun,18,07 ~	△			
	AS-000486-03		Des,11,08 ~	△			
	AS-000486-04		Jan,14,09 ~	△			
	AS-000486-05		Jan,30,09 ~	△			
	AS-000486-06		Feb,17,09 ~	△			
F-2-4	SC-001625-00	Thread Guide (M) Screw (9/64 n=40)	Jan,19,09 ~	X		8	
F-2-5	GP-044297-00	Thread Guide Shaft (6C)	Nov,25,08 ~	X		4	
	GP-044297-01		Des,16,08 ~	△			
	GP-044297-02		Jan,30,09 ~	△			
	GP-044297-03		Feb,17,09 ~	△			
	GP-044298-00	Thread Guide Shaft (9C)	Nov,25,08 ~	X		4	
	GP-044298-01		Des,16,08 ~	△			
	GP-044298-02		Jan,30,09 ~	△			
	GP-044298-03		Feb,17,09 ~	△			

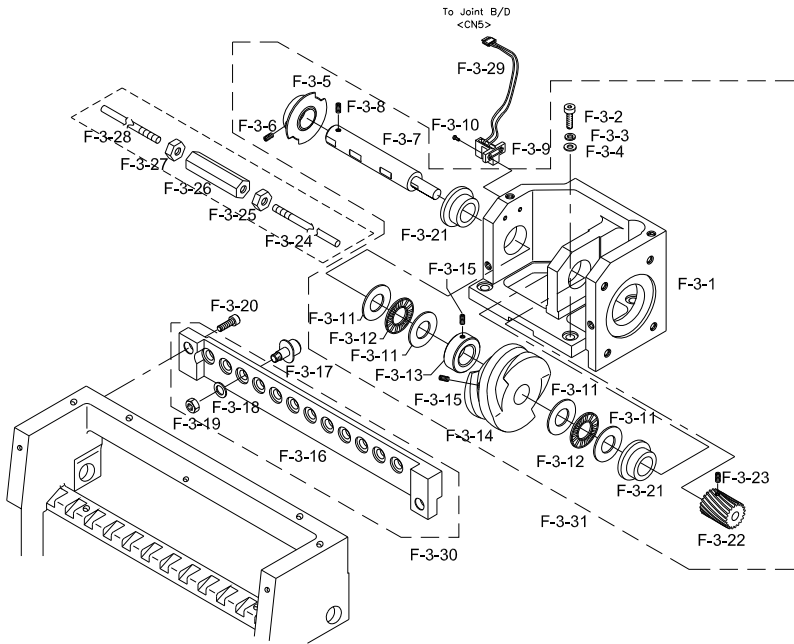
F-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-2-5	ST-000002-00	Thread Guide Shaft (12C)	Des,11,08 ~	X		4	
	ST-000002-01		Jan,30,09 ~	△			
	ST-000002-02		Feb,17,09 ~	△			
	GP-044299-00	Thread Guide Shaft (15C)	Nov,25,08 ~	X		4	
	GP-044299-01		Des,16,08 ~	△			
	GP-044299-02		Jan,30,09 ~	△			
F-2-6	GP-044299-03		Feb,17,09 ~	△			
	13054SC-3123	Truss Screw (M3 X L8)			○	16	
F-2-7	GP-007194-00	Head Face Plate(L)	Jan,21,05 ~	X		4	
	GP-007194-01		Jan,23,06 ~	△			
	GP-007194-02		Apr,06,06 ~	△			
	GP-007194-03		Jun,12,06 ~	△			
	GP-007194-04		Apr,06,09 ~	△			
F-2-8	11012PR-B001	Thread Guide				45	
F-2-9	09005SC-3123	Truss Bolt (M3*L5)			○	45	
F-2-10	05070SC-3123	HEAD FACE PLATE (U) SCREW				8	
F-2-11	10900003I000	Thread Holding Device A'ssy				4	
F-2-12	05070SC-3123	Truss Bolt 9/64 n=40				8	
F-2-13	07005BM-B002	Take-Up Lever Set				45	
F-2-14	08200503A000	Take-Up Lever Shaft (9C)				4	
F-2-15	08203000A000	Take-Up Lever Shaft Bush(L)				4	
F-2-16	08200800A000	Take-Up Lever Shaft Bush(R)				4	
F-2-17	07009SC-4517	Hex. Socket Bolt(M5*L6)			○	8	
F-2-18	02015SC-7113	Hex.Socket Bolt(M4*L8)			○	20	
F-2-19	GP-011945-00	Color Change Bracket "B"	Sep,14,05 ~	X		8	
F-2-20	GP-037186-00	Cable Support "B"	Jun,15,09 ~	X		4	
F-2-21	02023SC-7113	Hex.Socket Bolt(M4*L5)			○	8	
F-2-22	01303700H000	TENSION PLATE PIN				8	
F-2-23	GP-008539-00	Needle Bar Guide Rail (6C)	Apr,08,05 ~	X		4	
	GP-011931-00	Needle Bar Guide Rail (9C)	Sep,14,05 ~	X		4	
	GP-014095-00	Needle Bar Guide Rail (12C)	Des,24,05 ~	X		4	
F-2-24	05041SC-A001	Bolt (9/64 n=40)			○	20	
F-2-25	05000103UK00	Color Change Shaft (6C)				1	
	23007SH-UK01	Color Change Shaft (12C)				1	
	23007SH-UK14	Color Change Shaft (15C)				1	
	06000104UH60	Color Change Shaft (@6*L2237) (UH1206C)				1	
	06000105UH60	Color Change Shaft (@6*L2282) (UH1506C)				1	

F-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-3-1	13001CA-UK06	Color Change Base				1	
F-3-2	05008SC-4113	Hex.Socket Bolt (M4*L16)			○	4	
F-3-3	18014SW-3115	Spring Washer (@4-No2)			○	4	
F-3-4	18015SW-3111	Washer (4@)			○	4	
F-3-5	13032AD-UK06	Color Change Film Set				1	
F-3-6	04014SC-4517	Hex.Socket Set Screw (M5*L5)			○	2	
F-3-7	13007CW-UK06	Color Change Shaft				1	
F-3-8	08113SC-A001	Collar Screw				1	
F-3-9	08102300B000	Half Turn Sensor (Gp1S51V)				1	
F-3-10	08006SC-8118	Plus Screw (M3*L5)			○	2	
F-3-11	13010BR-T121	Washer (@12*@26*1T)				4	
F-3-12	13041BR-UK01	Washer (12*@26*1T)				2	
F-3-13	13010CW-UK06	Color Change Collar				1	
F-3-14	13005CM-UK06	Color Change Cam				1	
F-3-15	04012AF-A001	Hook Shaft Bush Screw				5	
F-3-16	08103102C010	Color Change Roller Base (6C)				1	
	13026CL-D104	Color Change Roller Base (9C)					
	13026CL-UK06	Color Change Roller Base (12C)					
	13026CL-UK16	Color Change Roller Base (15C)					
F-3-17	15029AF-T121	Roller Set				12	
F-3-18	18048SW-3115	Spring Washer (@5)			○	12	
F-3-19	12010SN-1211	Hex.Nut (M5)			○	12	
F-3-20	18047SC-7113	Hex/ Socket Bolt (M5*L15)			○	2	
F-3-21	GP-006252-00	Color Change Bushing	Des,15,04 ~	X		2	
F-3-22	13021GA-UK06	Color Change Gear (R)				1	
F-3-23	08113SC-A001	Collar Screw				2	
F-3-24	05000103UK00	Color Change Shaft (UK604)				1	
	23007SH-UK01	Color Change Shaft (UK1204)					
	23007SH-UK14	Color Change Shaft (UK1504)					
	06000102UK60	Color Change Shaft "A" (UK606,UK906)					
	23012SH-UK06	Color Change Shaft "A" (UK1206)					
	23012SH-UK16	Color Change Shaft "A" (UK1506)					
F-3-25	17053SN-1111	Hex. Nut (L) (M6*T5-L) (UK1206)			○	1	
F-3-26	17051SN-A001	Mes Priving Shaft Joint (UK1206)				1	
F-3-27	13042SN-1111	Hex.Nut (M6*T5-R) (UK1206)			○	1	
F-3-28	06000202UK60	Color Change Shaft "B" (UK606)				1	
	23013SH-UK06	Color Change Shaft "B" (UK906)					
	23013SH-UK16	Color Change Shaft "B" (UK1506)					
F-3-29	25037EL-UK01	Half Turn Cable (2Ht-36) (UK1202)				1	
	25033EL-UK06	Cable (25-33) (UK1206)				1	

Exploded view diagram of the F-3 assembly, showing various components and their assembly sequence. The diagram includes the following parts and labels:

- F-3-1**: Main housing or frame.
- F-3-2**: Small circular component.
- F-3-3**: Small circular component.
- F-3-4**: Small circular component.
- F-3-5**: Circular component with a central hole.
- F-3-6**: Small circular component.
- F-3-7**: Small circular component.
- F-3-8**: Small circular component.
- F-3-9**: Small circular component.
- F-3-10**: Small circular component.
- F-3-11**: Small circular component.
- F-3-12**: Small circular component.
- F-3-13**: Small circular component.
- F-3-14**: Small circular component.
- F-3-15**: Small circular component.
- F-3-16**: Small circular component.
- F-3-17**: Small circular component.
- F-3-18**: Small circular component.
- F-3-19**: Small circular component.
- F-3-20**: Small circular component.
- F-3-21**: Small circular component.
- F-3-22**: Small circular component.
- F-3-23**: Small circular component.
- F-3-24**: Small circular component.
- F-3-25**: Small circular component.
- F-3-26**: Small circular component.
- F-3-27**: Small circular component.
- F-3-28**: Small circular component.
- F-3-29**: Small circular component.
- F-3-30**: Small circular component.
- F-3-31**: Small circular component.
- F-3-32**: Small circular component.
- F-3-33**: Small circular component.
- F-3-34**: Small circular component.
- F-3-35**: Small circular component.
- F-3-36**: Small circular component.
- F-3-37**: Small circular component.
- F-3-38**: Small circular component.
- F-3-39**: Small circular component.
- F-3-40**: Small circular component.
- F-3-41**: Small circular component.
- F-3-42**: Small circular component.
- F-3-43**: Small circular component.
- F-3-44**: Small circular component.
- F-3-45**: Small circular component.
- F-3-46**: Small circular component.
- F-3-47**: Small circular component.
- F-3-48**: Small circular component.
- F-3-49**: Small circular component.
- F-3-50**: Small circular component.
- F-3-51**: Small circular component.
- F-3-52**: Small circular component.
- F-3-53**: Small circular component.
- F-3-54**: Small circular component.
- F-3-55**: Small circular component.
- F-3-56**: Small circular component.
- F-3-57**: Small circular component.
- F-3-58**: Small circular component.
- F-3-59**: Small circular component.
- F-3-60**: Small circular component.
- F-3-61**: Small circular component.
- F-3-62**: Small circular component.
- F-3-63**: Small circular component.
- F-3-64**: Small circular component.
- F-3-65**: Small circular component.
- F-3-66**: Small circular component.
- F-3-67**: Small circular component.
- F-3-68**: Small circular component.
- F-3-69**: Small circular component.
- F-3-70**: Small circular component.
- F-3-71**: Small circular component.
- F-3-72**: Small circular component.
- F-3-73**: Small circular component.
- F-3-74**: Small circular component.
- F-3-75**: Small circular component.
- F-3-76**: Small circular component.
- F-3-77**: Small circular component.
- F-3-78**: Small circular component.
- F-3-79**: Small circular component.
- F-3-80**: Small circular component.
- F-3-81**: Small circular component.
- F-3-82**: Small circular component.
- F-3-83**: Small circular component.
- F-3-84**: Small circular component.
- F-3-85**: Small circular component.
- F-3-86**: Small circular component.
- F-3-87**: Small circular component.
- F-3-88**: Small circular component.
- F-3-89**: Small circular component.
- F-3-90**: Small circular component.
- F-3-91**: Small circular component.
- F-3-92**: Small circular component.
- F-3-93**: Small circular component.
- F-3-94**: Small circular component.
- F-3-95**: Small circular component.
- F-3-96**: Small circular component.
- F-3-97**: Small circular component.
- F-3-98**: Small circular component.
- F-3-99**: Small circular component.
- F-3-100**: Small circular component.

Note	
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F-4

The diagram illustrates the assembly of the F-4 component. It shows an exploded view of the main assembly and a detailed view of the internal mechanism.

Main Assembly Components:

- F-4-11:** The main housing or frame.
- F-4-12:** Two screws used to secure the housing.
- F-4-31:** The internal assembly, shown in a dashed box.

Internal Assembly (F-4-31) Components:

- F-4-1:** A small cylindrical component.
- F-4-2:** A small cylindrical component.
- F-4-3:** A bracket or support structure.
- F-4-4:** A small cylindrical component.
- F-4-5:** A small cylindrical component.
- F-4-6:** A small cylindrical component.
- F-4-7:** A large cylindrical component.
- F-4-8:** A small cylindrical component.
- F-4-9:** A small cylindrical component.
- F-4-10:** A cable with a connector.
- 6HT-26:** A cable with a connector.
- To joint b/d <CN2>:** A cable with a connector.

Note

F

F-5

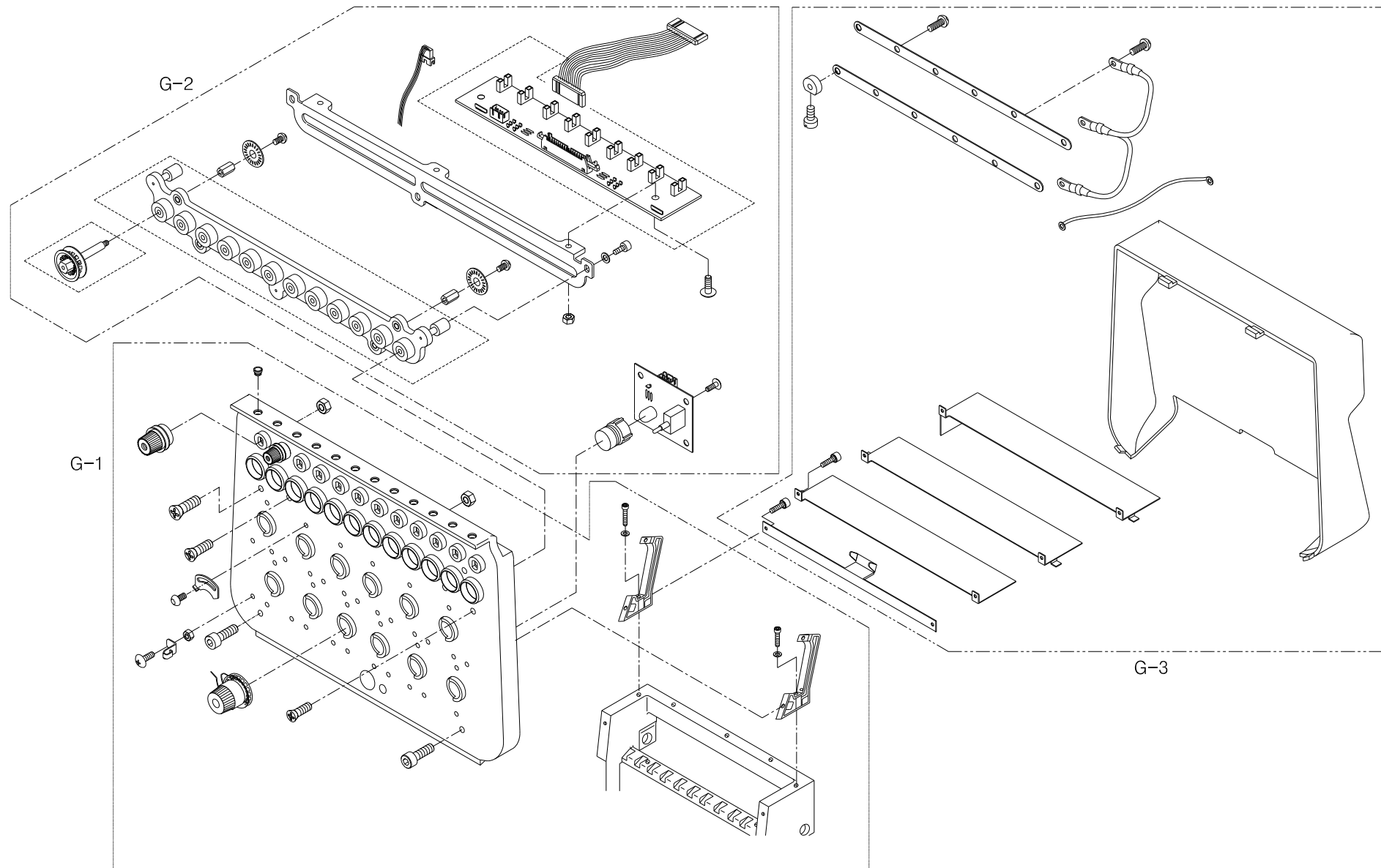
This exploded view diagram illustrates the assembly of the F-5 front panel. The components and their assembly sequence are as follows:

- F-5-1**: The main front panel, which is attached to the rear plate (**F-5-7**) using screws **F-5-11**.
- F-5-2**: A vertical support bracket that is secured to the rear plate (**F-5-7**) with screws **F-5-12** and **F-5-13**.
- F-5-3**: A horizontal support bracket that is attached to the vertical bracket (**F-5-2**) using screw **F-5-14**.
- F-5-4**: The bottom bezel, which is mounted to the front panel (**F-5-1**) using screw **F-5-10**.
- F-5-5**: A rectangular plate that is mounted to the front panel (**F-5-1**) using screw **F-5-9**.
- F-5-6**: Two cables that are plugged into the ports on the front panel (**F-5-1**).
- F-5-8**: A small component that is mounted to the front panel (**F-5-1**) using screw **F-5-8**.
- F-5-15**: A small component that is mounted to the front panel (**F-5-1**) using screw **F-5-15**.

Note

F

Thread Tension Unit



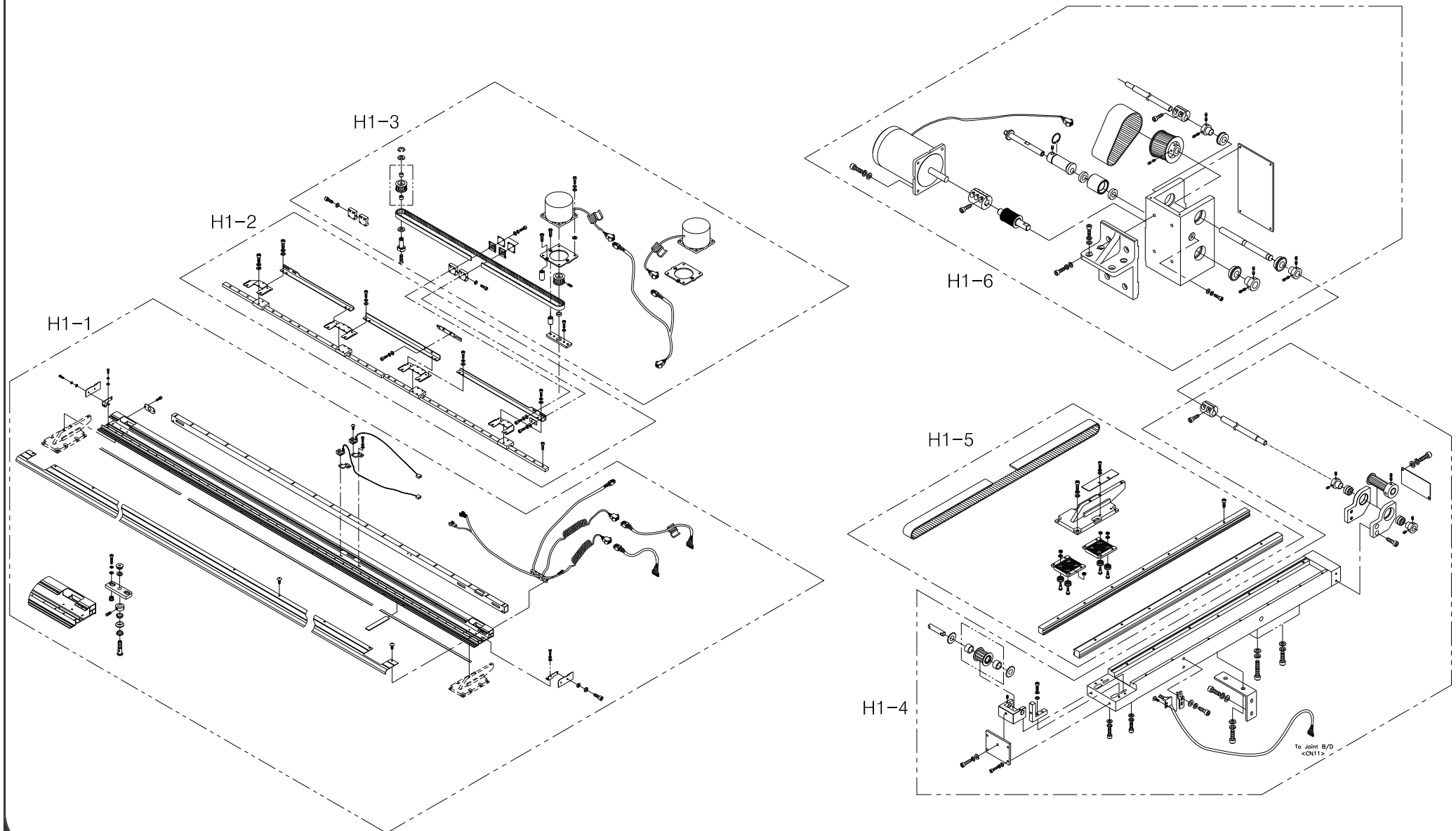
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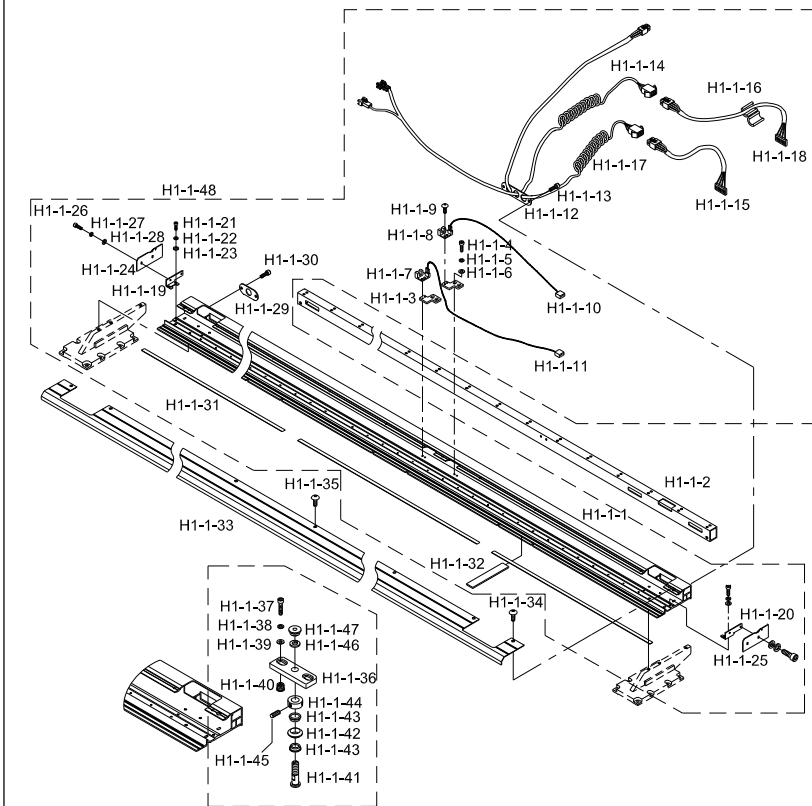
Note	
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The logo of the German Society for Quality Management (DGQ) is a black square with rounded corners, containing a white capital letter 'G'.

X-Y Drive (UK1204)



H1-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-1-1	GP-014076-00	X-LM GUIDE FRAME L2635	Des,23,05 ~	X		1	
H1-1-2	GP-012663-00	X-Frame Support Bar	Oct,13,05 ~	X		1	
H1-1-3	15067PR-UK01	Sensor Plate				2	
H1-1-4	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			○	4	
H1-1-5		Spring Washer				4	
H1-1-6		Washer				4	
H1-1-7	03201700UH00	X-Positioning Sensor				1	
H1-1-8	03201600UH00	X-Positioning Sensor				1	
H1-1-9	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			○	8	
H1-1-10	25052EL-UK01	LAST-SENSOR (BLACK) 4HT-52				1	
H1-1-11	25053EL-UK01	LAST-SENSOR (WHITE) 4HT-53				11	
H1-1-12	15087PR-UK02	Cable Plate For Bushing				1	
H1-1-13	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			○	2	
H1-1-14	25019EL-T121	Power Cable 2 (1Ht-19)				1	
H1-1-15	25041EL-UK01	X Original In (4Ht-41)				1	
H1-1-16	15045EL-UK01	Bid (L)				1	
H1-1-17	25038EL-UK06	Cable (25-38)				1	
H1-1-18	02101300U040	Cable (Sh-13-1)				1	
H1-1-19	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	Oct,07,04 ~	X		1	
H1-1-20	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	Oct,07,04 ~	X		1	
H1-1-21	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	8	
H1-1-22	18014SW-3115	Spring Washer (@4-No2)			○	8	
H1-1-23	05009SW-1111	Washer (@4-L)				8	
H1-1-24	GP-005106-00	X-AXIS FRAME SIDE COVER (L)	Oct,07,04 ~	X		1	
H1-1-25	GP-005107-00	X-AXIS FRAME SIDE COVER (R)	Oct,07,04 ~	X		1	
H1-1-26	15042SC-3123	Truss Screw (M4*L6)			○	4	
H1-1-27	18015SW-3111	WASHER (4@)			○	4	
H1-1-28	18014SW-3115	SPRING WASHER (@4-NO2)			○	4	
H1-1-29	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H1-1-30	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			○	2	
H1-1-31	03200700UK40	Tubular Frame Rail Plate				2	
H1-1-32	03201800UH00	Felt (190*30*1.5T)				4	
H1-1-33	03201300UK40	X-Cover (L=2635)				1	
H1-1-34	15042SC-3123	Truss Screw (M4*L6)			○	12	
H1-1-35	18153SC-3123	Plus Screw (M4*L10)			○	2	
H1-1-36	15100CL-UK01	Roller Fixed Plate				2	
H1-1-37	03006MC-8118	PLUS SCREW (M3*L6)			○	4	
H1-1-38	18014SW-3115	Spring Washer (@4-No2)			○	4	
H1-1-39	18015SW-3111	Washer (4@)			○	4	

H1-1

This exploded view diagram illustrates the assembly of the H1-1 door. The components are labeled as follows:

- Top Section:** H1-1-14, H1-1-16, H1-1-17, H1-1-18, H1-1-15, H1-1-13, H1-1-12, H1-1-9, H1-1-8, H1-1-7, H1-1-6, H1-1-5, H1-1-4, H1-1-10, H1-1-11.
- Left Section:** H1-1-26, H1-1-27, H1-1-28, H1-1-21, H1-1-22, H1-1-23, H1-1-24, H1-1-19, H1-1-30, H1-1-29.
- Bottom Section:** H1-1-31, H1-1-35, H1-1-33, H1-1-32, H1-1-34, H1-1-20, H1-1-25, H1-1-37, H1-1-38, H1-1-39, H1-1-47, H1-1-46, H1-1-40, H1-1-36, H1-1-44, H1-1-43, H1-1-42, H1-1-45, H1-1-41.

The diagram shows the door frame (H1-1-2) and the door panel (H1-1-1) being assembled with various hardware and components. The components are shown in their relative positions and orientations for assembly.

Note



H1-2

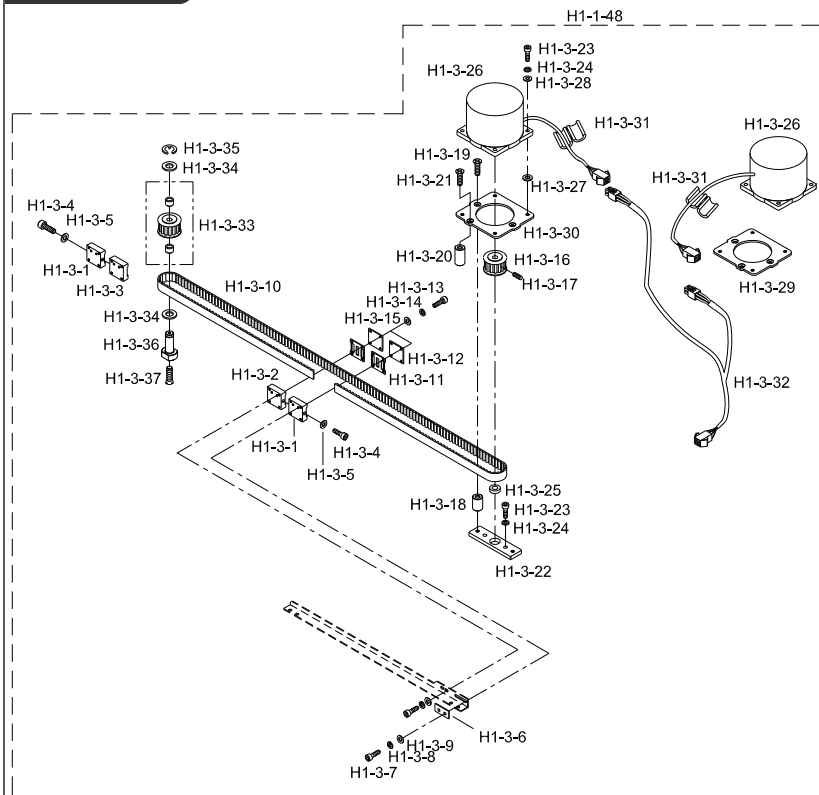
Exploded view diagram of the H1-2 assembly, showing various components and their assembly sequence. The diagram includes the following labeled parts:

- H1-2-10, H1-2-11, H1-2-12 (Screws)
- H1-2-4, H1-2-5, H1-2-6 (Screws)
- H1-2-3 (Bracket)
- H1-2-9 (Bracket)
- H1-2-8 (Bracket)
- H1-2-12, H1-2-11, H1-2-10 (Screws)
- H1-2-14 (Bracket)
- H1-2-15 (Bracket)
- H1-2-13 (Bracket)
- H1-2-7 (Bracket)
- H1-2-2 (Bracket)
- H1-1-48 (Bracket)
- H1-2-1 (Main Rail)

Note



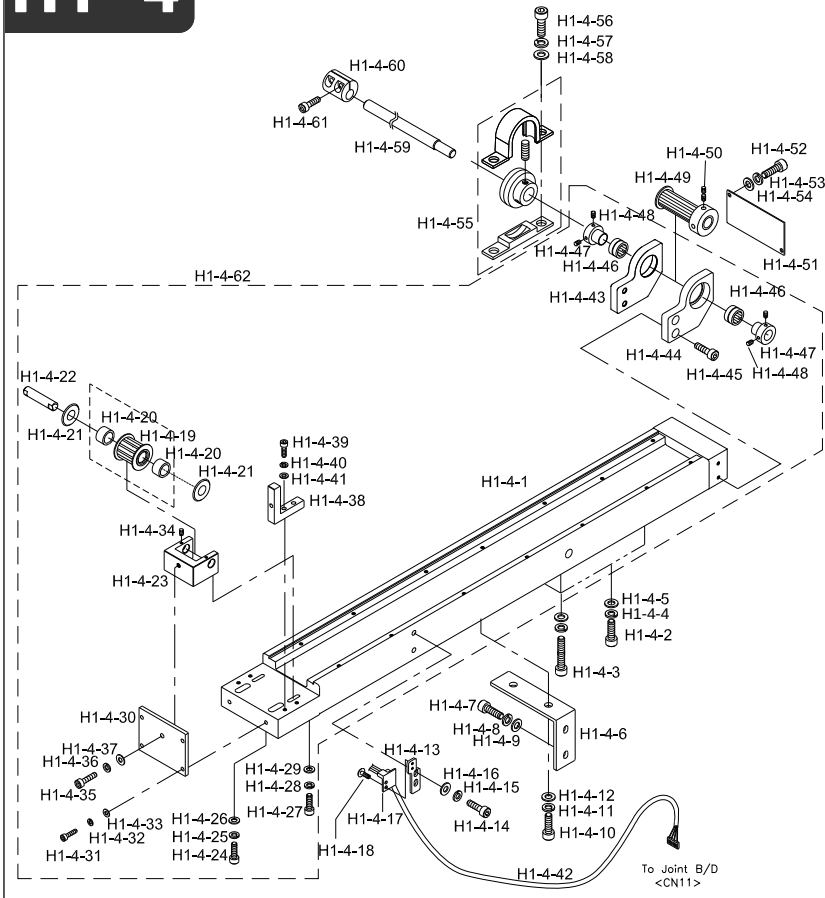
H1-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-3-1	14045AD-UK01	Belt Bracket (B)				2	
H1-3-2	14049AD-UK01	Belt Bracket (C)				1	
H1-3-3	14048AD-UK01	Belt Bracket (A)				1	
H1-3-4	15034SC-4113	Hex. Socket Boit (M4*L45)			○	2	
H1-3-5	18015SW-3111	Washer (4@)			○	2	
H1-3-6	14020PR-UK01	Space				2	
H1-3-7	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	4	
H1-3-8	18014SW-3115	Spring Washer (@4-No2)			○	4	
H1-3-9	18015SW-3111	Washer (4@)			○	4	
H1-3-10	12048BT-T121	X-Axis Timing Belt				2	
H1-3-11	14051PR-UK01	Fixing Plate				4	
H1-3-12	14052PR-UK01	Fixing Plate Holder				4	
H1-3-13	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			○	4	
H1-3-14	18014SW-3115	Spring Washer (@4-No2)			○	4	
H1-3-15	18015SW-3111	Washer (4@)			○	4	
H1-3-16	14063PU-UK01	Timing Pulley "B"				2	
H1-3-17	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	4	
H1-3-18	14065AD-UK01	Motor Fixing Shaft (A)				4	
H1-3-19	15053SC-4119	Plus Screw (M5*L30)			○	4	
H1-3-20	14067AD-UK01	Motor Fixing Shaft (B)				2	
H1-3-21	15055SC-4119	Plus Screw (M5*L35)			○	2	
H1-3-22	14069AD-UK01	Motor Block				2	
H1-3-23	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	12	
H1-3-24	18048SW-3115	Spring Washer (@5)			○	12	
H1-3-25	14071BR-UK01	Bearing Bc616Zz			○	2	
H1-3-26	15076AF-UK01	X-Motor (103H8221-5044)				2	
H1-3-27	15061PR-UK01	Motor Space(@5*@11*2T)				8	
H1-3-28	16018SW-1111	Washer (@5)			○	8	
H1-3-29	14074PR-UK01	Motor Base (L)				1	
H1-3-30	14075PR-UK01	Motor Base (R)				1	
H1-3-31	15044EL-T121	Bid (S)				2	
H1-3-32	25014EL-UK01	Cable (4Ht-14)				1	
H1-3-33	12017PU-T121	Timing Pulley "A"				2	
	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
H1-3-34	12019BR-T121	Fiber Washer R-Tw1020				4	
H1-3-35	08044SR-4013	E-Ring (@8)			○	2	
H1-3-36	03106000U000	Timing Pulley Driving Pin				2	
H1-3-37	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			○	4	

H1-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-4-1	03100200UH01	Y-Lm Guide Frame (L650)				2	
H1-4-2	14027SC-4113	Hex.Socket Bolt (M8*L30)			○	4	
H1-4-3	03003SC-4113	Hex. Socket Bolt "B"(M8*L35)			○	4	
H1-4-4	15095SW-3115	Spring Washer (@8)			○	4	
H1-4-5	04029SW-A001	Stud Bolt Washer(S) (@8)			○	4	
H1-4-6	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H1-4-7	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			○	4	
H1-4-8	18048SW-3115	Spring Washer (@5)			○	4	
H1-4-9	16018SW-1111	Washer (@5)			○	4	
H1-4-10	14006SC-7113	HEX.SOCKET SET SCREW(M8*L15)			○	4	
H1-4-11	15095SW-3115	SPRING WASHER (@8)			○	4	
H1-4-12	08041SW-1111	WASHER (@8-S)			○	4	
H1-4-13	03101300UH00	Sensor Bracket				1	
H1-4-14	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	2	
H1-4-15	18014SW-3115	Spring Washer (@4-No2)			○	2	
H1-4-16	18015SW-3111	Washer (4@)			○	2	
H1-4-17	09018EL-UK01	Y-Positioning Sensor				1	
H1-4-18	08006SC-8118	Plus Screw (M3*L5)			○	2	
H1-4-19	04500100U000	TIMING PULLEY(16-S5M-32F)				2	
H1-4-20	15042BR-A001	Needle Bearing (1210Zz)			○	4	
H1-4-21	15046RB-A001	Driving Pin Washer (Tw1225)				4	
H1-4-22	16100CW-UK06	Timing Pulley Shaft (Y)				2	
H1-4-23	03100500UH00	Y-Tension Adjusting Bracket				2	
H1-4-24	08062SC-7113	Hex. Socket Bolt (M5*L20)			○	4	
H1-4-25	18048SW-3115	Spring Washer (5@)			○	4	
H1-4-26	18049SW-3111	Washer (@5)			○	4	
H1-4-27	11029SC-4113	HEX. SOCKET BOLT (M4*L20)			○	2	
H1-4-28	18014SW-3115	Spring Washer (@4-No2)			○	2	
H1-4-29	18015SW-3111	Washer (4@)			○	2	
H1-4-30	03100600UH00	Tension Adjusting Plate				2	
H1-4-31	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	6	
H1-4-32	02028SW-9115	Spring Washer (@4)			○	6	
H1-4-33	05009SW-1111	Washer (@4-L)			○	6	
H1-4-34	08007SC-4517	Hex. Socket Set Screw (M3*L5)			○	4	
H1-4-35	16028SC-7113	HEX. SOCKET BOLT (M5*L25)			○	2	
H1-4-36	18048SW-3115	Spring Washer (5@)			○	2	
H1-4-37	18049SW-3111	Washer (@5)			○	2	
H1-4-38	03100700UH00	Fixed Block				2	
H1-4-39	11029SC-4113	HEX. SOCKET BOLT (M4*L20)			○	4	
H1-4-40	18014SW-3115	Spring Washer (@4-No2)			○	4	

H1

Note



H1-5

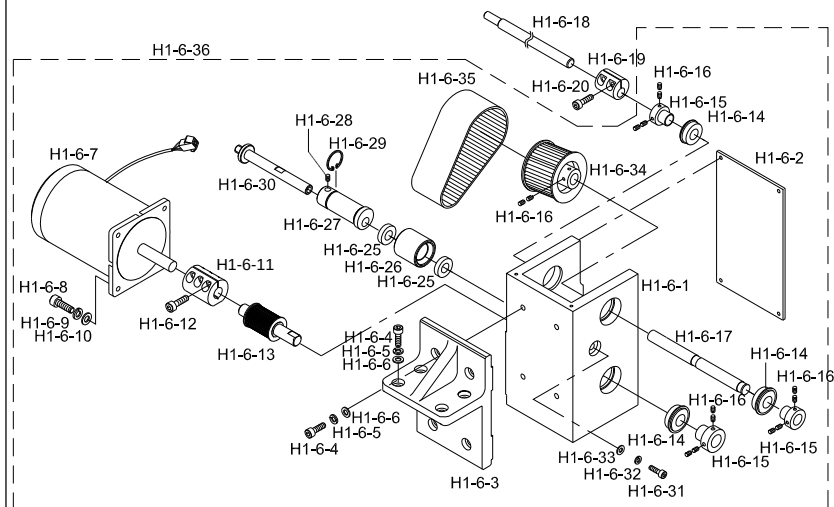
Diagram illustrating the assembly of the H1-5 component, showing various parts and their assembly sequence:

- H1-5-9**, **H1-5-10**, **H1-5-11**: Screws for the top plate.
- H1-5-8**: Top plate.
- H1-5-5**, **H1-5-6**, **H1-5-7**: Screws for the side plate.
- H1-5-4**: Side plate.
- H1-4-62**: Dashed line indicating the assembly path for the side plate.
- H1-5-14**, **H1-5-15**, **H1-5-17**: Screws for the bottom plate.
- H1-5-12**, **H1-5-13**, **H1-5-16**, **H1-5-18**: Screws for the bottom plate.
- H1-5-2**: Screw for the bottom plate.
- H1-5-3**: Bottom plate.
- H1-5-1**: Main assembly frame.

Note



H1-6



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-6-1	GP-047007-00	Y-Driving Box	Sep,01,09 ~	X		1	
H1-6-2	GP-005374-00	Y-Driving Box CoverA	Nov,02,04 ~	X		2	
H1-6-3	GP-007513-00	Y-Driving Box Bracket	Feb,05,05 ~	X		2	
H1-6-4	03003SC-4113	Hex. Socket Bolt "B" (M8*L35)			○	20	
H1-6-5	15095SW-3115	Spring Washer (@8)			○	36	
H1-6-6	04029SW-A001	Stud Bolt Washer(S) (@8)			○	36	
H1-6-7	16059MT-E131	Y Motor (103H89222-5212)				1	
H1-6-8	14046SC-7113	Hex.Socket Bolt (M6*L30)			○	4	
H1-6-9	16014SW-4115	Spring Washer (@6)			○	4	
H1-6-10	08057SW-1111	Washer (@6)			○	4	
H1-6-11	GP-005380-00	Coupling				1	
H1-6-12	14061AF-4517	Hex. Socket Bolt (M8*L8)			○	2	
H1-6-13	GP-044367-00	Y-Driving Timing Pulley	Dec,02,08 ~	X		1	
	GP-044367-01		Jul,05,10 ~	△		1	
H1-6-14	01001100H000	Bearing(6004zz)			○	3	
H1-6-15	GP-043996-00	Bearing Stopper Collar	Oct,23,08 ~	X		3	
H1-6-16	04012AF-A001	Screw(15/64-28)			○	8	
H1-6-17	ST-000138-00	Y-Driving Shaft "B"	Sep,01,09 ~	X		2	
	GP-004159-00	Y-Driving Shaft	Aug,24,04 ~	X		2	
	GP-004159-01		Apr,27,05 ~	△			
H1-6-18	ST-000010-00	Y-Driving Shaft "A" L=1049	Des,18,08 ~	X		2	
	ST-000010-01		Sep,01,09 ~	△			
H1-6-19	GP-005380-00	Coupling "A"	Sep,01,09 ~	X		4	
H1-6-20	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	8	
H1-6-25	03200400I000	Roller Bearing				2	
H1-6-26	GP-005379-00	Tension Adjusting Roller	Nov,02,04 ~	X		1	
H1-6-27	GP-005378-00	Idler Bush	Nov,02,04 ~	X		1	
H1-6-28	14060AF-4517	Hex. Socket Bolt (M6*L6)			○	1	
H1-6-29	03200700I000	C-Ring				1	
H1-6-30	GP-007512-00	Idler Shaft	Feb,05,05 ~	X		1	
	GP-007512-01		Des,18,08 ~	△			
H1-6-31	14002SC-7113	Hex. Socket Bolt (M6*L15)			○	1	
H1-6-32	16014SW-4115	Spring Washer (@6)			○	5	
H1-6-33	08057SW-1111	Washer				5	
H1-6-34	03200200B000	Lower Shaft Timing Pulley				1	

H1

H1-6

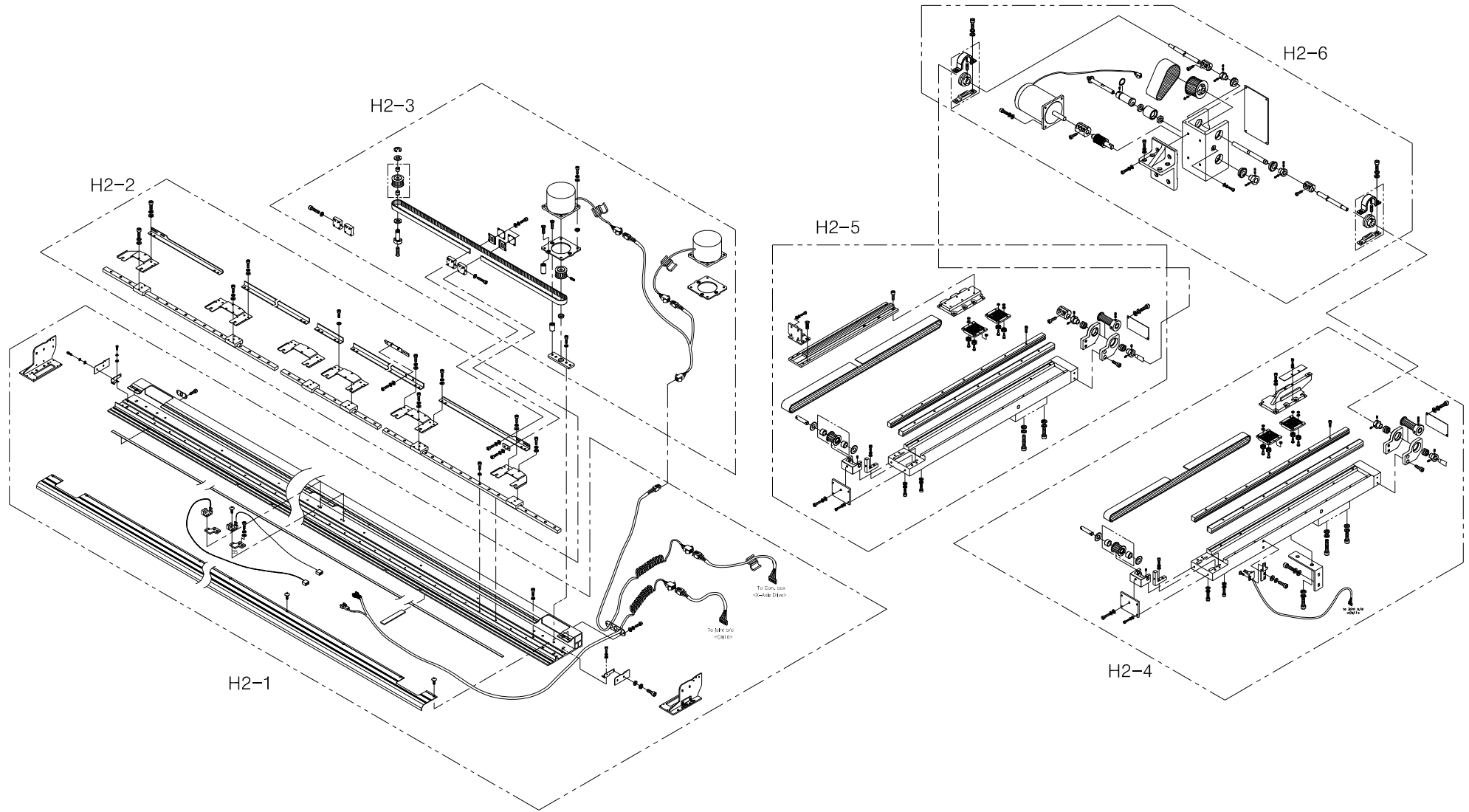
Exploded view diagram of the H1-6 engine assembly, showing various components and their assembly order. The diagram includes the following parts and their assembly sequence:

- H1-6-36**: Main engine block
- H1-6-35**: Air filter
- H1-6-18**: Spark plug
- H1-6-19**: Spark plug cap
- H1-6-16**: Piston and connecting rod assembly
- H1-6-20**: Piston pin
- H1-6-15**: Piston pin clip
- H1-6-14**: Piston pin clip
- H1-6-2**: Piston pin clip
- H1-6-28**: Piston pin clip
- H1-6-29**: Piston pin clip
- H1-6-30**: Piston pin clip
- H1-6-27**: Piston pin clip
- H1-6-25**: Piston pin clip
- H1-6-26**: Piston pin clip
- H1-6-11**: Piston pin clip
- H1-6-12**: Piston pin clip
- H1-6-13**: Piston pin clip
- H1-6-4**: Piston pin clip
- H1-6-5**: Piston pin clip
- H1-6-6**: Piston pin clip
- H1-6-3**: Piston pin clip
- H1-6-17**: Piston pin clip
- H1-6-14**: Piston pin clip
- H1-6-15**: Piston pin clip
- H1-6-16**: Piston pin clip
- H1-6-17**: Piston pin clip
- H1-6-18**: Piston pin clip
- H1-6-19**: Piston pin clip
- H1-6-20**: Piston pin clip
- H1-6-21**: Piston pin clip
- H1-6-22**: Piston pin clip
- H1-6-23**: Piston pin clip
- H1-6-24**: Piston pin clip
- H1-6-25**: Piston pin clip
- H1-6-26**: Piston pin clip
- H1-6-27**: Piston pin clip
- H1-6-28**: Piston pin clip
- H1-6-29**: Piston pin clip
- H1-6-30**: Piston pin clip
- H1-6-31**: Piston pin clip
- H1-6-32**: Piston pin clip
- H1-6-33**: Piston pin clip
- H1-6-34**: Piston pin clip
- H1-6-35**: Piston pin clip
- H1-6-36**: Piston pin clip

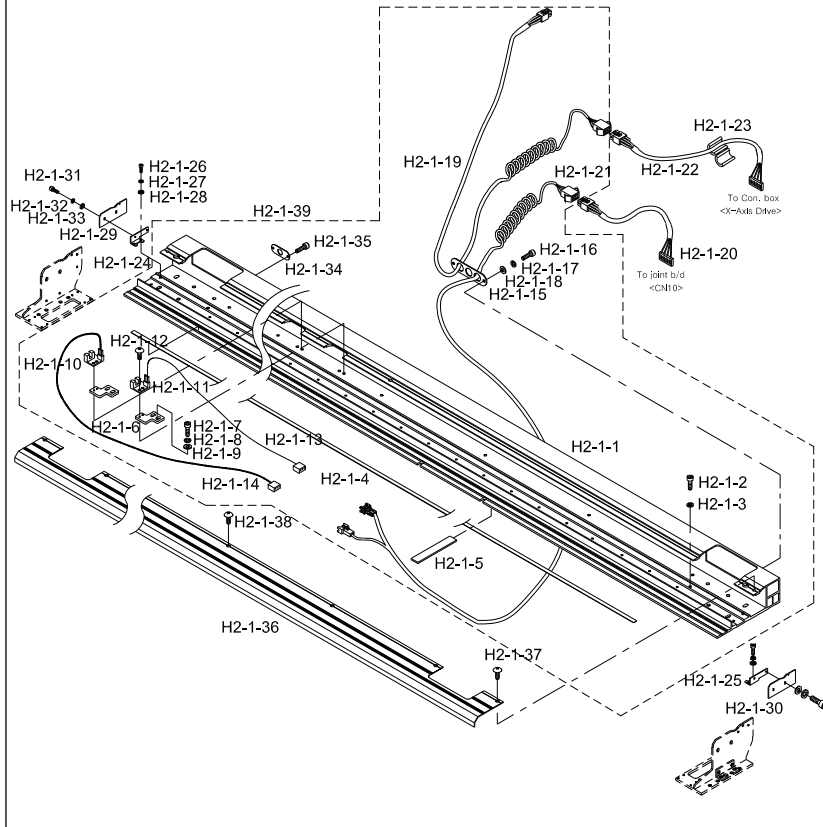
Note



X-Y Drive (UK1206)



H2-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-1-1	GP-008149-00	X-FRAME (L3661)	Mar,22,05 ~	X		1	
	GP-008149-01		Jun,02,05 ~	△			
H2-1-2	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			○	94	
H2-1-3	11019SW-9115	Spring Washer (3@)			○	40	
H2-1-4	03200600UK60	TUBULAR FRAME RAIL PLATE (L3630)				1	
H2-1-5	15062SF-T121	Felt				6	
H2-1-6	15067PR-UK01	Sensor Plate				2	
H2-1-7	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			○	4	
H2-1-8	02028SW-9115	Spring Washer (@4)			○	4	
H2-1-9	05009SW-1111	Washer (@4-L)			○	4	
H2-1-10	15044EL-UK01	X-Positioning Sensor				1	
H2-1-11	15043EL-UK01	X-Positioning Sensor				1	
H2-1-12	03006MC-8118	PLUS SCREW (M3*L6)			○	4	
H2-1-13	25052EL-UK01	Last-Sensor (Black) 4Ht-52				1	
H2-1-14	25053EL-UK01	Last-Sensor (White) 4Ht-53				1	
H2-1-15	14014PR-UK01	Bushing Plate				1	
H2-1-16	02023SC-7113	Hex.Socket Bolt (M4*L8)			○	4	
H2-1-17	18014SW-3115	Spring Washer (@4-No2)			○	2	
H2-1-18	18015SW-3111	Washer (4@)			○	2	
H2-1-19	25009EL-UK06	Cable (25-09)				1	
H2-1-20	25038EL-UK06	Cable (25-38)				1	
H2-1-21	25041EL-UK01	X Original In (4Ht-41)				1	
H2-1-22	02101300U000	CABLE (SH-13-2)				1	
H2-1-23	15045EL-UK01	Bid (L)				1	
H2-1-24	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	Oct,07,04 ~	X		1	
H2-1-25	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	Oct,07,04 ~	X		1	
H2-1-26	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	8	
H2-1-27	18014SW-3115	Spring Washer (@4-No2)			○	8	
H2-1-28	05009SW-1111	Washer (@4-L)			○	8	
H2-1-29	GP-005106-00	X-AXIS FRAME SIDE COVER (L)	Oct,07,04 ~	X		1	
H2-1-30	GP-005107-00	X-AXIS FRAME SIDE COVER (R)	Oct,07,04 ~	X		1	
H2-1-31	15042SC-3123	Truss Screw (M4*L6)			○	4	
H2-1-32	18015SW-3111	WASHER (4@)			○	4	
H2-1-33	18014SW-3115	SPRING WASHER (@4-NO2)			○	4	
H2-1-34	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H2-1-35	02023SC-7113	Hex.Socket Bolt (M4*L8)			○	2	
H2-1-36	GP-008150-00	X-Frame Cover L=3639	Mar,22,05 ~	X		1	
	GP-008150-01		May,18,05 ~	△			
H2-1-37	15042SC-3123	Truss Screw (M4*L6)			○	17	

H2-1

This diagram illustrates the exploded view of the H2-1 assembly, showing the main body and various accessories. The components are labeled as follows:

- Main Body:** H2-1-1
- Accessories:**
 - H2-1-2, H2-1-3 (Screws)
 - H2-1-4, H2-1-5, H2-1-6, H2-1-7, H2-1-8, H2-1-9, H2-1-10, H2-1-11, H2-1-12, H2-1-13, H2-1-14, H2-1-15, H2-1-16, H2-1-17, H2-1-18, H2-1-19, H2-1-20, H2-1-21, H2-1-22, H2-1-23, H2-1-24, H2-1-25, H2-1-26, H2-1-27, H2-1-28, H2-1-29, H2-1-30, H2-1-31, H2-1-32, H2-1-33, H2-1-34, H2-1-35, H2-1-36, H2-1-37, H2-1-38, H2-1-39
- Wiring:** H2-1-15, H2-1-16, H2-1-17, H2-1-18, H2-1-19, H2-1-20, H2-1-21, H2-1-22, H2-1-23, H2-1-24, H2-1-25, H2-1-26, H2-1-27, H2-1-28, H2-1-29, H2-1-30, H2-1-31, H2-1-32, H2-1-33, H2-1-34, H2-1-35, H2-1-36, H2-1-37, H2-1-38, H2-1-39
- Other Components:** H2-1-10, H2-1-11, H2-1-12, H2-1-13, H2-1-14, H2-1-15, H2-1-16, H2-1-17, H2-1-18, H2-1-19, H2-1-20, H2-1-21, H2-1-22, H2-1-23, H2-1-24, H2-1-25, H2-1-26, H2-1-27, H2-1-28, H2-1-29, H2-1-30, H2-1-31, H2-1-32, H2-1-33, H2-1-34, H2-1-35, H2-1-36, H2-1-37, H2-1-38, H2-1-39

Note

H2

H2-2

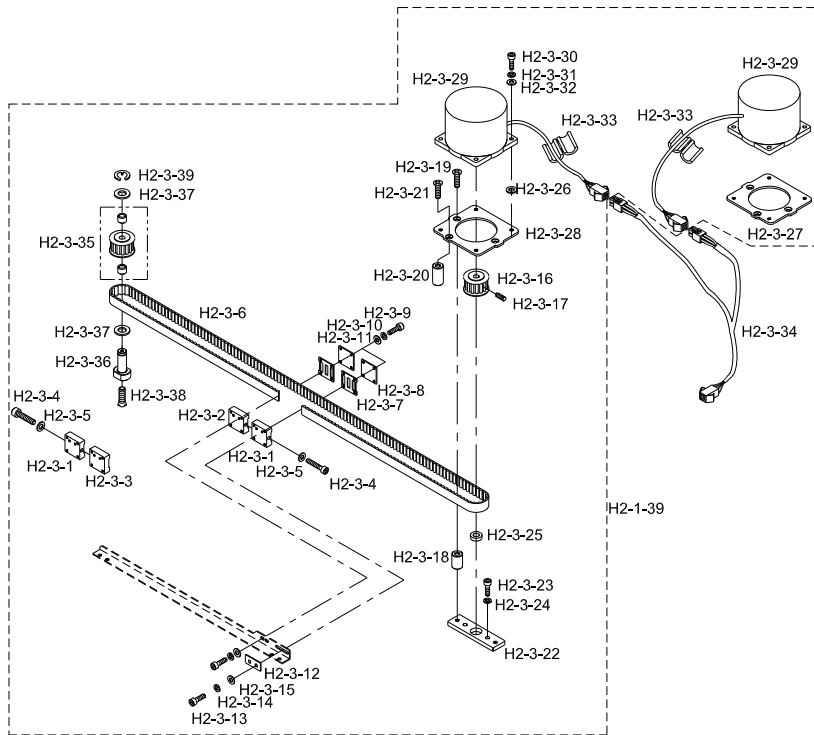
Diagram illustrating the assembly components and sequence for the H2-2 unit. The components are labeled as follows:

- H2-2-1
- H2-2-2
- H2-2-3
- H2-2-4
- H2-2-5
- H2-2-6
- H2-2-7
- H2-2-8
- H2-2-9
- H2-2-10
- H2-2-11
- H2-2-12
- H2-2-13
- H2-2-14
- H2-2-15
- H2-2-16
- H2-2-17
- H2-2-18
- H2-2-19
- H2-2-20
- H2-2-21
- H2-2-22
- H2-2-23
- H2-2-24
- H2-2-25
- H2-2-26
- H2-2-27
- H2-2-28
- H2-2-29
- H2-2-30
- H2-2-31
- H2-2-32
- H2-2-33
- H2-2-34
- H2-2-35
- H2-2-36
- H2-2-37
- H2-2-38
- H2-2-39

Note

H2

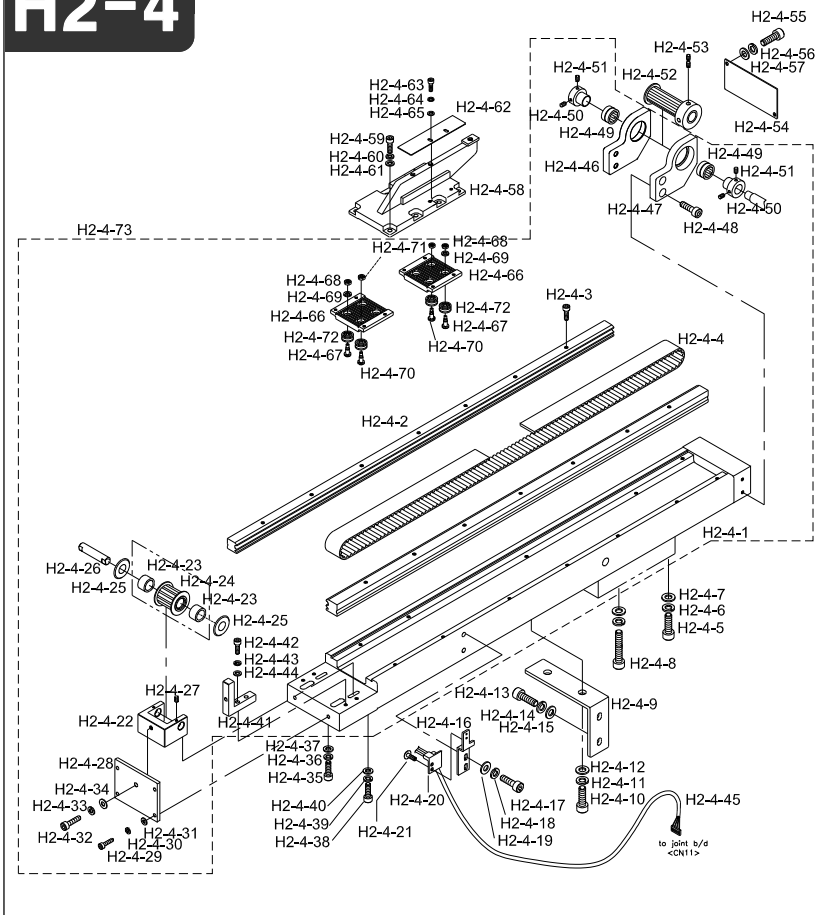
H2-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-3-1	14045AD-UK01	Belt Bracket (B)				2	
H2-3-2	14049AD-UK01	Belt Bracket (C)				1	
H2-3-3	14048AD-UK01	Belt Bracket (A)				1	
H2-3-4	15034SC-4113	Hex. Socket Boit (M4*L45)			○	2	
H2-3-5	05009SW-1111	Washer (@4-L)			○	2	
H2-3-6	12048BT-T121	X-Axis Timing Belt				2	
H2-3-7	14051PR-UK01	Fixing Plate				4	
H2-3-8	14052PR-UK01	Fixing Plate Holder				4	
H2-3-9	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			○	16	
H2-3-10	11019SW-9115	Spring Washer (3@)			○	16	
H2-3-11	08011SW-1111	Spring Washer (@3-S)			○	16	
H2-3-12	14020PR-UK01	Space				2	
H2-3-13	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	4	
H2-3-14	02028SW-9115	Spring Washer (@4)			○	4	
H2-3-15	05009SW-1111	Washer (@4-L)			○	4	
H2-3-16	14063PU-UK01	Timing Pulley "B"				2	
H2-3-17	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	4	
H2-3-18	14065AD-UK01	Motor Fixing Shaft (A)				4	
H2-3-19	15053SC-4119	Plus Screw (M5*L30)			○	4	
H2-3-20	14067AD-UK01	Motor Fixing Shaft (B)				2	
H2-3-21	15055SC-4119	Plus Screw (M5*L35)			○	2	
H2-3-22	14069AD-UK01	Motor Block				2	
H2-3-23	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	12	
H2-3-24	18048SW-3115	Spring Washer (@5)			○	12	
H2-3-25	14071BR-UK01	Bearing Bc616Zz			○	2	
H2-3-26	15061PR-UK01	Motor Space (@5*@11*2T)				8	
H2-3-27	14074PR-UK01	Motor Base (L)				1	
H2-3-28	14075PR-UK01	Motor Base (R)				1	
H2-3-29	15076AF-UK01	X-MOTOR (103H8221-5044)				2	
H2-3-30	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	8	
H2-3-31	18048SW-3115	Spring Washer (@5)			○	8	
H2-3-32	16018SW-1111	Washer (@5)			○	8	
H2-3-33	15044EL-T121	Bid (S)				2	
H2-3-34	25010EL-UK06	Cable (25-10)				1	
H2-3-35	12017PU-T121	Timing Pulley "A"				2	
H2-3-36	03106000U000	Timing Pulley Driving Pin				2	
H2-3-37	12019BR-T121	Fiber Washer R-Tw1020				4	
H2-3-38	15048SC-4119	Plus Screw (M5*L12)			○	2	
H2-3-39	08044SR-4013	E-Ring (@8)			○	2	

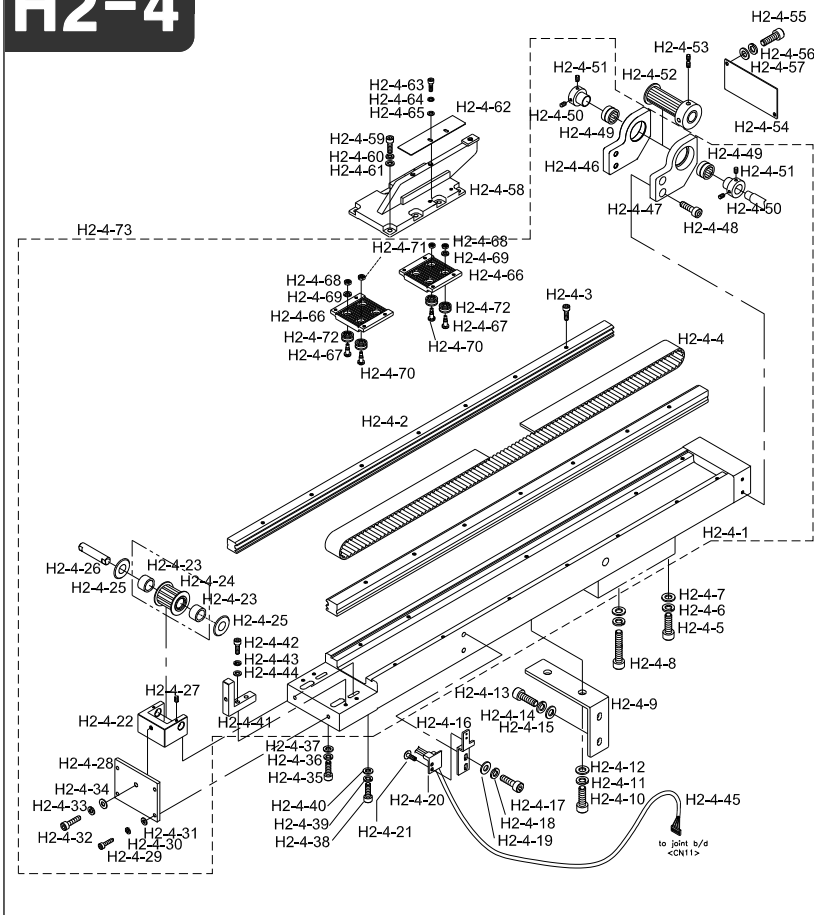
H2-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-4-1	GP-047345-00	Y-Lm Guide Support "A" (L)				1	
H2-4-2	03100100UH01	Y-Lm Guide Ass'Y				2	
H2-4-3	03071SC-A001	Hex.Socket Bolt (M3*L15)			○	30	
H2-4-4	16019BT-UK06	Y-Drive Timing Belt (25*AT5*1314)				1	
H2-4-5	15017SC-4113	Hex. Socket Bolt (M8*L45)			○	16	
H2-4-6	15095SW-3115	Spring Washer (@8)			○	44	
H2-4-7	04029SW-A001	Stud Bolt Washer(S) (@8)			○	60	
H2-4-8	15020SC-4113	Hex,Socket Bolt (M8*L50)			○	4	
H2-4-9	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H2-4-10	14002SC-7113	Hex.Socket Bolt (M6*L15)			○	4	
H2-4-11	16014SW-4115	Spring Washer (@6)			○	4	
H2-4-12	08057SW-1111	Washer (@6)			○	4	
H2-4-13	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			○	4	
H2-4-14	18048SW-3115	Spring Washer (@5)			○	4	
H2-4-15	16018SW-1111	Washer (@5)			○	4	
H2-4-16	03101300UH00	Sensor Bracket				1	
H2-4-17	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	2	
H2-4-18	02028SW-9115	Spring Washer (@4)			○	2	
H2-4-19	05009SW-1111	Washer (@4-L)			○	2	
H2-4-20	09018EL-UK01	Y-Positioning Sensor				1	
H2-4-21	08006SC-8118	Plus Screw (M3*L5)			○	2	
H2-4-22	03100500UH00	Y-Tension Adjusting Bracket				2	
H2-4-23	12018BR-T121	Needle Bearing Hk1010(Ina)			○	4	
H2-4-24	04500100U000	Timing Pulley "A"				2	
H2-4-25	12019BR-T121	Fiber Washer R-Tw1020				4	
H2-4-26	03004200U000	Timing Pulley Pin (Y)				2	
H2-4-27	08007SC-4517	Hex. Socket Set Screw (M3*L5)			○	2	
H2-4-28	03100600UH00	Tension Adjusting Plate				2	
H2-4-29	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	6	
H2-4-30	02028SW-9115	Spring Washer (@4)			○	6	
H2-4-31	05009SW-1111	Washer (@4-L)			○	6	
H2-4-32	16028SC-7113	Hex. Socket Bolt (M5*L25)			○	4	
H2-4-33	18048SW-3115	Spring Washer (@5)			○	4	
H2-4-34	16018SW-1111	Washer (@5)			○	4	
H2-4-35	08091SC-7113	Hex. Socket Bolt (M6*L20)			○	4	
H2-4-36	16014SW-4115	Spring Washer (@6)			○	4	
H2-4-37	08057SW-1111	Washer (@6)			○	4	
H2-4-38	11029SC-4113	Hex. Socket Bolt (M4*L20)			○	4	
H2-4-39	18014SW-3115	Spring Washer (@4)			○	4	

H2-4

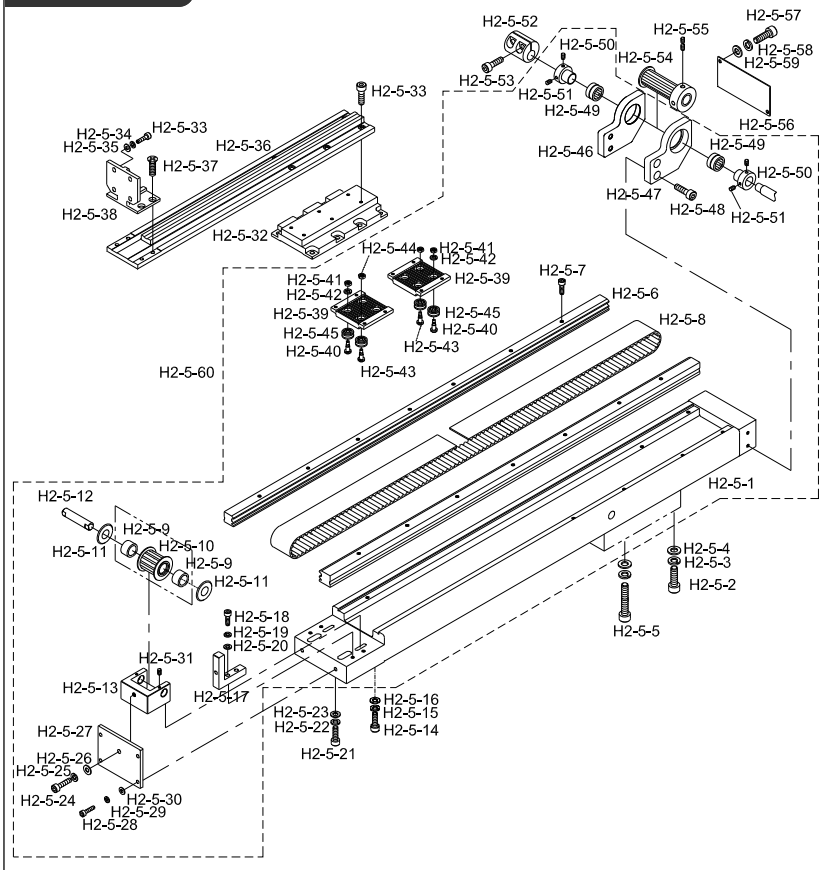


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-4-40	18015SW-3111	Washer (@4)			○	4	
H2-4-41	03100700UH00	Fixed Block				2	
H2-4-42	11029SC-4113	Hex. Socket Bolt (M4*L20)			○	8	
H2-4-43	18014SW-3115	Spring Washer (@4)			○	8	
H2-4-44	18015SW-3111	Washer (@4)			○	8	
H2-4-45	25054EL-UK01	Cable (25-54)				1	
H2-4-46	03100900UH00	Y-Bearing Bracket (L)				2	
H2-4-47	03101000UH00	Y-Bearing Bracket (R)				2	
H2-4-48	16059SC-7113	Hex. Socket Bolt (M6*L12)			○	8	
H2-4-49	01029BR-A001	Needle Bearing (6002Z)			○	8	
H2-4-50	14058CW-A001	Bearing Collar				8	
H2-4-51	04012AF-A001	Hook Shaft Bush Screw				16	
H2-4-52	PL-000011-00	TIMING PULLEY(16-S5M-32F)	Jun,02,09 ~	X		2	
H2-4-53	04014SC-4517	Hex.Socket Set Screw (M5*L5)			○	8	
H2-4-54	GP-047317-00	Y-Bearing Bracket Cover				2	
H2-4-55	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	8	
H2-4-56	02028SW-9115	Spring Washer (@4)			○	8	
H2-4-57	05009SW-1111	Washer (@4-L)			○	8	
H2-4-58	GP-005021-00	X-Y Connecting Bracket	Oct,01,04 ~	X		2	
H2-4-59	02015SC-7113	Hex.Socket Bolt (M4*L10)			○	16	
H2-4-60	18014SW-3115	Spring Washer (@4)			○	16	
H2-4-61	18015SW-3111	Washer (@4)			○	16	
H2-4-62	03101400UH00	Sensing Plate (Y)				1	
H2-4-63	22006SC-7113	Hex. Socket Bolt (M3*L8)			○	2	
H2-4-64	11019SW-9115	Spring Washer (3@)			○	2	
H2-4-65	08011SW-1111	Spring Washer (@3-S)			○	2	
H2-4-66	16104CL-H001	Belt Catcher Plate(Y)				4	
H2-4-67	15002CW-B001	Cam Roller Stud (A)				8	
H2-4-68	15029SN-3211	Hex. Nut (M4-No2)			○	8	
H2-4-69	02028SW-9115	Spring Washer (@4)			○	8	
H2-4-70	15003CW-B001	Cam Roller Stud (B)				8	
H2-4-71	12010SN-1211	Hex.Nut (M5)			○	8	
H2-4-72	15001BR-B001	Cam Roller Bearing				16	
H2-4-73	AS-016065-00	Y-Frame Assy (Wide)	Jul,16,09 ~	X		2	

H2

H2-5



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-5-1	GP-047345-00	Y-Lm Guide Support "A" (L)				1	
H2-5-2	15017SC-4113	Hex. Socket Bolt (M8*L45)			○	16	
H2-5-3	15095SW-3115	Spring Washer (@8)			○	16	
H2-5-4	04029SW-A001	Stud Bolt Washer(S) (@8)			○	16	
H2-5-5	15020SC-4113	Hex,Socket Bolt (M8*L50)			○	4	
H2-5-6	03100100UH01	Y-Lm Guide Ass'Y				2	
H2-5-7	03071SC-A001	Hex.Socket Bolt (M3*L15)				30	
H2-5-8	16093BT-UK06	Y-Drive Timing Belt "B"(L=1295)				2	
H2-5-9	15042BR-A001	Needle Bearing (1210Zz)			○	4	
H2-5-10	04500100U000	TIMING PULLEY(16-S5M-32F)				1	
H2-5-11	03200200B000	Lower Shaft Timing Pulley				1	
H2-5-12	16100CW-UK06	Timing Pulley Shaft (Y)				2	
H2-5-13	03100500UH00	Y-Tension Adjusting Bracket				2	
H2-5-14	11029SC-4113	Hex. Socket Bolt (M4*L20)			○	8	
H2-5-15	18014SW-3115	Spring Washer (@4)			○	8	
H2-5-16	18015SW-3111	Washer (@4)			○	8	
H2-5-17	03100700UH00	Fixed Block				2	
H2-5-18	11029SC-4113	Hex. Socket Bolt (M4*L20)			○	8	
H2-5-19	18014SW-3115	Spring Washer (@4)			○	8	
H2-5-20	18015SW-3111	Washer (@4)			○	8	
H2-5-21	08091SC-7113	Hex. Socket Bolt (M6*L20)			○	4	
H2-5-22	16014SW-4115	Spring Washer (@6)			○	4	
H2-5-23	08057SW-1111	Washer (@6)			○	4	
H2-5-24	16028SC-7113	Hex. Socket Bolt (M5*L25)			○	4	
H2-5-25	18048SW-3115	Spring Washer (@5)			○	4	
H2-5-26	16018SW-1111	Washer (@5)			○	4	
H2-5-27	03100900UH80	Tension Adjusting Plate (B)				2	
H2-5-28	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	6	
H2-5-29	02028SW-9115	Spring Washer (@4)			○	6	
H2-5-30	05009SW-1111	Washer (@4-L)			○	6	
H2-5-31	08007SC-4517	Hex. Socket Set Screw (M3*L5)			○	8	
H2-5-32	03100300UH80	Bracket For Y-Sensing				2	
H2-5-33	18013AF-7113	Hex. Socket Bolt (M4*L10)			○	20	
H2-5-34	18014SW-3115	Spring Washer (@4-No2)			○	8	
H2-5-35	18015SW-3111	Washer (4@)			○	8	
H2-5-36	03100400UH80	X-Drive Connecting Plate				2	
H2-5-37	02002SC-7119	Plus Screw (M4*L8)			○	8	
H2-5-38	03101600UH80	X-FRAME HOLDER				2	
H2-5-39	16104CL-H001	Belt Catcher Plate(Y)				4	

H2-5

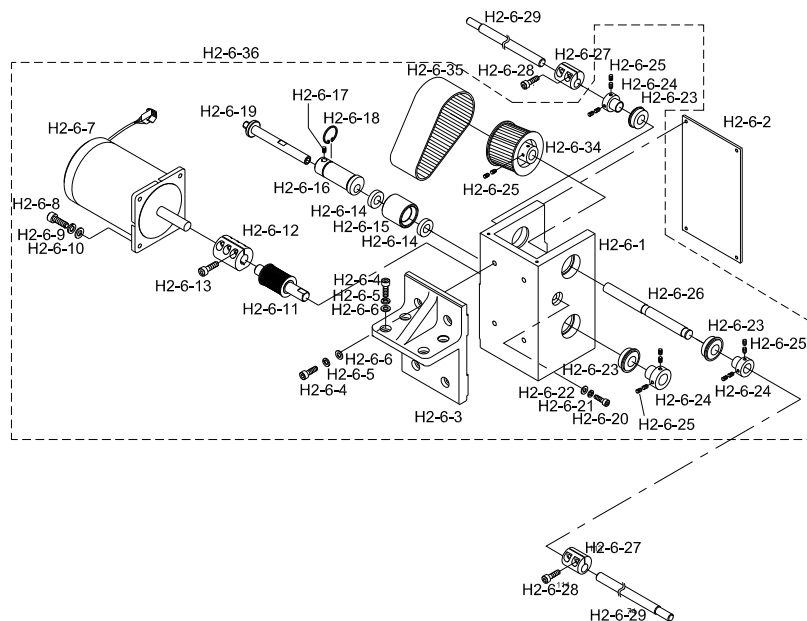
This exploded view diagram illustrates the assembly of the H2-5 unit. The components are labeled with part numbers and their assembly sequence is indicated by numbers in circles. The diagram shows the following parts and their assembly order:

- Part 1:** H2-5-1 (Main frame)
- Part 2:** H2-5-2 (Screw)
- Part 3:** H2-5-3 (Screw)
- Part 4:** H2-5-4 (Screw)
- Part 5:** H2-5-5 (Screw)
- Part 6:** H2-5-6 (Screw)
- Part 7:** H2-5-7 (Screw)
- Part 8:** H2-5-8 (Screw)
- Part 9:** H2-5-9 (Screw)
- Part 10:** H2-5-10 (Screw)
- Part 11:** H2-5-11 (Screw)
- Part 12:** H2-5-12 (Screw)
- Part 13:** H2-5-13 (Screw)
- Part 14:** H2-5-14 (Screw)
- Part 15:** H2-5-15 (Screw)
- Part 16:** H2-5-16 (Screw)
- Part 17:** H2-5-17 (Screw)
- Part 18:** H2-5-18 (Screw)
- Part 19:** H2-5-19 (Screw)
- Part 20:** H2-5-20 (Screw)
- Part 21:** H2-5-21 (Screw)
- Part 22:** H2-5-22 (Screw)
- Part 23:** H2-5-23 (Screw)
- Part 24:** H2-5-24 (Screw)
- Part 25:** H2-5-25 (Screw)
- Part 26:** H2-5-26 (Screw)
- Part 27:** H2-5-27 (Screw)
- Part 28:** H2-5-28 (Screw)
- Part 29:** H2-5-29 (Screw)
- Part 30:** H2-5-30 (Screw)
- Part 31:** H2-5-31 (Screw)
- Part 32:** H2-5-32 (Screw)
- Part 33:** H2-5-33 (Screw)
- Part 34:** H2-5-34 (Screw)
- Part 35:** H2-5-35 (Screw)
- Part 36:** H2-5-36 (Screw)
- Part 37:** H2-5-37 (Screw)
- Part 38:** H2-5-38 (Screw)
- Part 39:** H2-5-39 (Screw)
- Part 40:** H2-5-40 (Screw)
- Part 41:** H2-5-41 (Screw)
- Part 42:** H2-5-42 (Screw)
- Part 43:** H2-5-43 (Screw)
- Part 44:** H2-5-44 (Screw)
- Part 45:** H2-5-45 (Screw)
- Part 46:** H2-5-46 (Screw)
- Part 47:** H2-5-47 (Screw)
- Part 48:** H2-5-48 (Screw)
- Part 49:** H2-5-49 (Screw)
- Part 50:** H2-5-50 (Screw)
- Part 51:** H2-5-51 (Screw)
- Part 52:** H2-5-52 (Screw)
- Part 53:** H2-5-53 (Screw)
- Part 54:** H2-5-54 (Screw)
- Part 55:** H2-5-55 (Screw)
- Part 56:** H2-5-56 (Screw)
- Part 57:** H2-5-57 (Screw)
- Part 58:** H2-5-58 (Screw)
- Part 59:** H2-5-59 (Screw)
- Part 60:** H2-5-60 (Screw)

Note

H2

H2-6



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-6-1	GP-007511-00	Y-Driving Box	Feb,05,05 ~	X		1	
H2-6-2	GP-005374-00	Y-Driving Box CoverA	Nov,02,04 ~	X		1	
H2-6-3	GP-007513-00	Y-Driving Box Bracket	Feb,05,05 ~	X		1	
H2-6-4	03003SC-4113	Hex. Socket Bolt "B" (M8*L35)			○	8	
H2-6-5	15095SW-3115	Spring Washer (@8)			○	8	
H2-6-6	04029SW-A001	Stud Bolt Washer(S) (@8)			○	8	
H2-6-7	16059MT-E131	Y Motor (103H89222-5212)				1	
H2-6-8	14046SC-7113	Hex.Socket Bolt (M6*L30)			○	4	
H2-6-9	16014SW-4115	Spring Washer (@6)			○	4	
H2-6-10	08057SW-1111	Washer (@6)			○	4	
H2-6-11	GP-044367-00	Y-Driving Timing Pulley	Dec,02,08 ~	X		1	
	GP-044367-01		Jul,05,10 ~	△		1	
H2-6-12	GP-005380-00	Coupling	Nov,02,04 ~	X		1	
H2-6-13	14061AF-4517	Hex. Socket Bolt (M8*L8)			○	2	
H2-6-14	03200400I000	Roller Bearing				2	
H2-6-15	GP-005379-00	Tension Adjusting Roller	Nov,02,04 ~	X		1	
H2-6-16	GP-005378-00	Idler Bush	Nov,02,04 ~	X		1	
H2-6-17	14060AF-4517	Hex. Socket Bolt (M6*L6)			○	1	
H2-6-18	03200700I000	C-Ring			○	1	
H2-6-19	GP-007512-00	Idler Shaft	Feb,05,05 ~	X		1	
	GP-007512-01		Des,18,08 ~	△		1	
H2-6-20	14002SC-7113	HEX.SOCKET BOLT (M6*L15)			○	5	
H2-6-21	16014SW-4115	Spring Washer (@6)			○	5	
H2-6-22	08057SW-1111	Washer				5	
H2-6-23	01029BR-A001	Bearing(6004zz)			○	3	
H2-6-24	14058CW-A001	Bearing Stopper Collar				3	
H2-6-25	04012AF-A001	Screw(15/64-28)			○	8	
H2-6-26	GP-007516-00	Y-Driving Shaft "B"	Feb,05,05 ~	X		2	
	GP-004159-00		Aug,24,04 ~	X		2	
	GP-004159-01		Apr,27,05 ~	△		2	
H2-6-27	03005100U000	Coupling "A"				4	
H2-6-28	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	8	
H2-6-29	ST-000010-00	Y-Driving Shaft "A" L=1049	Des,18,08 ~	X		2	
	ST-000010-01		Sep,01,09 ~	△		2	
H2-6-34	03200200B000	Lower Shaft Timing Pulley				1	

H2

H2-6

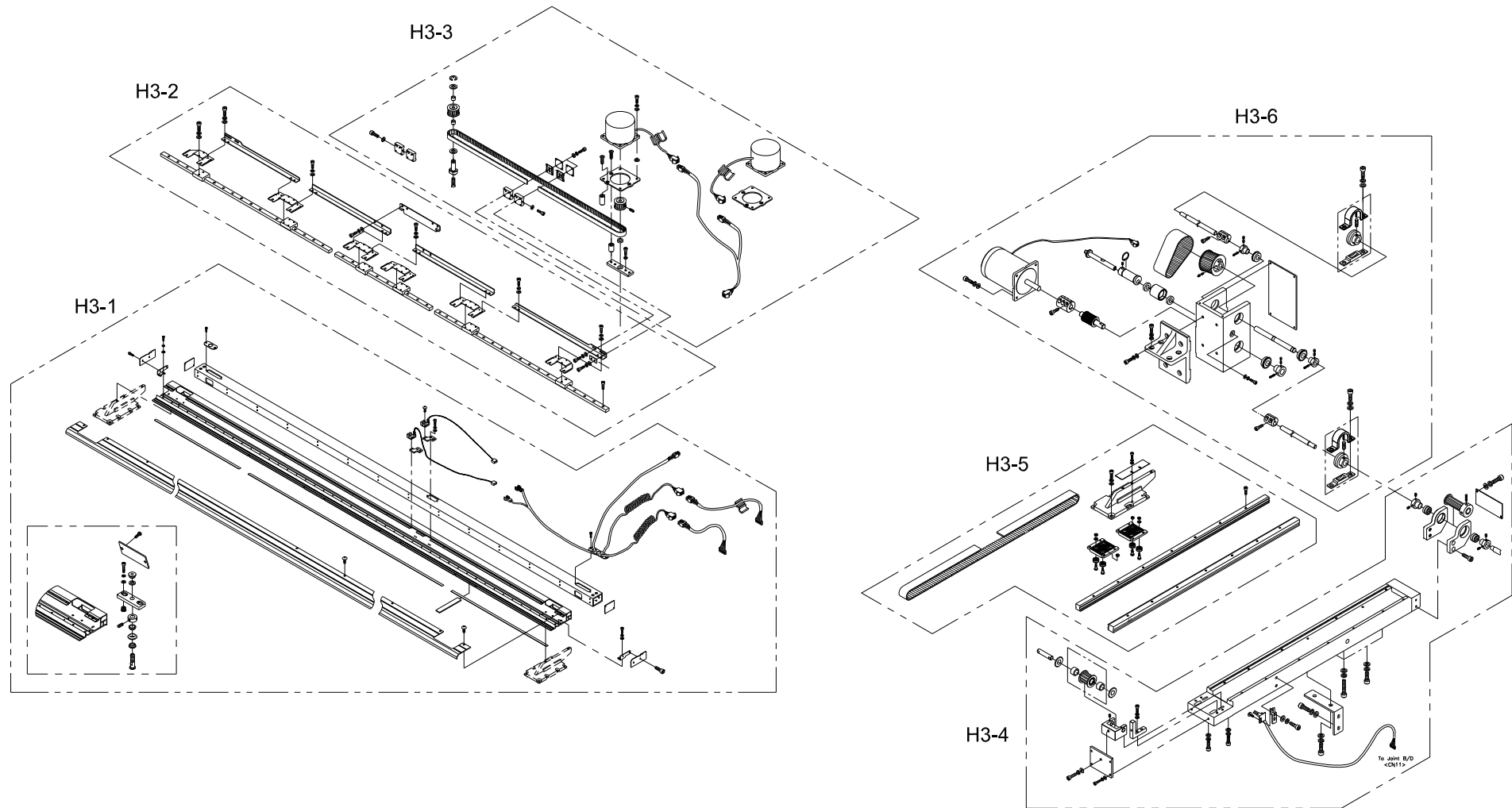
This exploded view diagram illustrates the assembly of the H2-6 engine. The components are labeled with part numbers and leader lines. The main assembly is shown in a perspective view, with various sub-assemblies and individual parts shown in an exploded state. The parts are labeled as follows:

- H2-6-1: Main engine block
- H2-6-2: Side cover plate
- H2-6-3: Base plate
- H2-6-4: Bolt
- H2-6-5: Nut
- H2-6-6: Bolt
- H2-6-7: Spark plug
- H2-6-8: Spark plug
- H2-6-9: Spark plug
- H2-6-10: Spark plug
- H2-6-11: Bolt
- H2-6-12: Bolt
- H2-6-13: Bolt
- H2-6-14: Bolt
- H2-6-15: Bolt
- H2-6-16: Bolt
- H2-6-17: Bolt
- H2-6-18: Bolt
- H2-6-19: Bolt
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- H2-6-28: Bolt
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- H2-6-35: Bolt
- H2-6-36: Bolt
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- H2-6-38: Bolt
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- H2-6-40: Bolt
- H2-6-41: Bolt
- H2-6-42: Bolt
- H2-6-43: Bolt
- H2-6-44: Bolt
- H2-6-45: Bolt
- H2-6-46: Bolt
- H2-6-47: Bolt
- H2-6-48: Bolt
- H2-6-49: Bolt
- H2-6-50: Bolt
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- H2-6-52: Bolt
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- H2-6-59: Bolt
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- H2-6-66: Bolt
- H2-6-67: Bolt
- H2-6-68: Bolt
- H2-6-69: Bolt
- H2-6-70: Bolt
- H2-6-71: Bolt
- H2-6-72: Bolt
- H2-6-73: Bolt
- H2-6-74: Bolt
- H2-6-75: Bolt
- H2-6-76: Bolt
- H2-6-77: Bolt
- H2-6-78: Bolt
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- H2-6-80: Bolt
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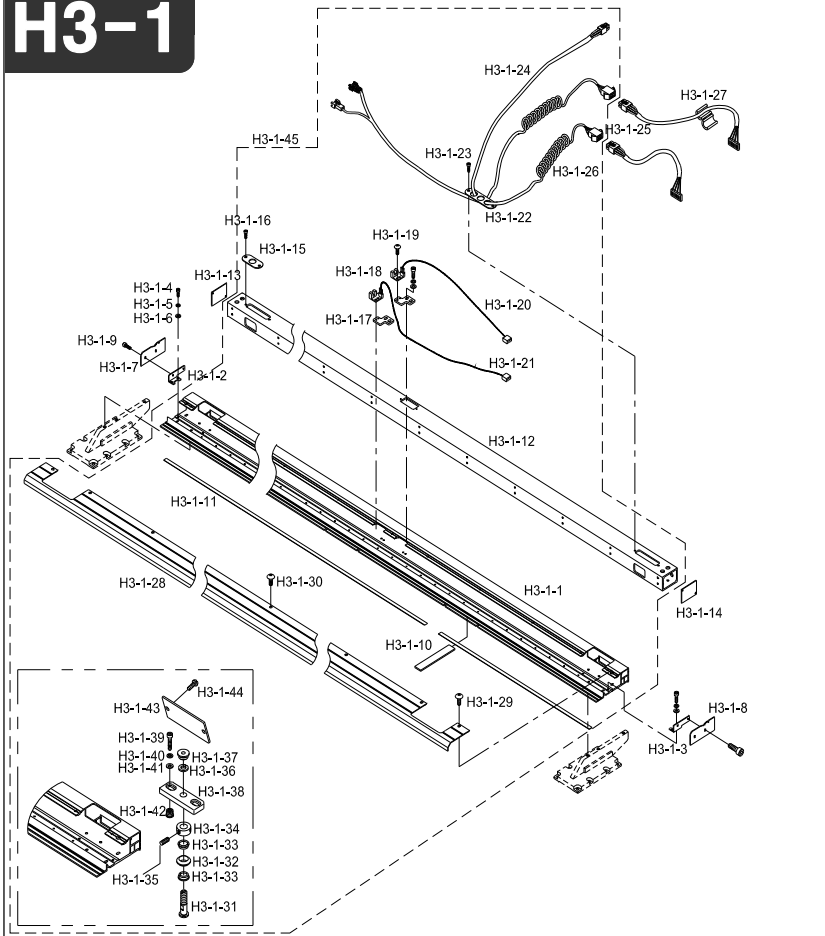
Note

H2

X-Y Drive (UH1206-45)



H3-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-1-1	GP-005120-00	X-LM GUIDE FRAME L2935	Oct,07,04 ~	X		1	
	GP-005120-01		Jun,02,05 ~	△			
H3-1-2	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)	Oct,07,04 ~	X		1	
H3-1-3	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)	Oct,07,04 ~	X		1	
H3-1-4	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	8	
H3-1-5	02028SW-9115	Spring Washer (@4)			○	8	
H3-1-6	05009SW-1111	Washer (@4-L)			○	8	
H3-1-7	GP-005106-00	X-AXIS FRAME SIDE COVER (L)	Oct,07,04 ~	X		1	
H3-1-8	GP-005107-00	X-AXIS FRAME SIDE COVER (R)	Oct,07,04 ~	X		1	
H3-1-9	15042SC-3123	Truss Screw (M4*L6)			○	4	
H3-1-10	15062SF-T121	Felt				8	
H3-1-11	03200700UH00	Tubular Frame Rail Plate				1	
H3-1-12	GP-005121-00	X-FRAME SUPPORT BAR L2931	Oct,07,04 ~	X		1	
	GP-005121-01		May,18,05 ~	△			
H3-1-13	GP-005108-00	X-FRAME SUPPORT BAR COVER(L)	Oct,07,04 ~	X		1	
H3-1-14	GP-005109-00	X-FRAME SUPPORT BAR COVER(R)	Oct,07,04 ~	X		1	
H3-1-15	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H3-1-16	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			○	4	
H3-1-17	15067PR-UK01	Sensor Plate				2	
H3-1-18	15043EL-UK01	X-Positioning Sensor				2	
H3-1-19	06010AF-8118	Plus Screw(M3*L4)			○	4	
H3-1-20	25052EL-UK01	Last-Sensor (Black) 4Ht-52				1	
H3-1-21	25053EL-UK01	Last-Sensor (White) 4Ht-53				1	
H3-1-22	15087PR-UK02	Cable Plate For Bushing				1	
H3-1-23	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			○	2	
H3-1-24	25009EL-UK06	Cable (25-09)				1	
H3-1-25	25038EL-UK06	Cable (25-38)				1	
H3-1-26	25041EL-UK01	X Original In (4Ht-41)				1	
H3-1-27	15045EL-UK01	Bid (L)				1	
H3-1-28	03201300UH00	X-Cover (L=2931)				1	
H3-1-29	15042SC-3123	Truss Screw (M4*L6)			○	12	
H3-1-30	18153SC-3123	Plus Screw (M4*L10)			○	2	
H3-1-31	SC-001612-00	Roller Stud Bolt				4	
H3-1-32	15130AF-A001	Roller Guide				4	
H3-1-33	15106BR-A001	Flange Bearing (1280Zz)			○	4	
H3-1-34	15107CW-UK01	Roller Collar				4	
H3-1-35	03022SC-4517	Hex. Socket Set Screw (M4*L5)			○	8	
H3-1-36	18048SW-3115	Spring Washer (5@)			○	4	
H3-1-37	04032SN-A001	Hex. Nut (M8-No2)			○	2	

H3

H3-1

This exploded view diagram illustrates the assembly of the H3-1 car stereo unit. The main components shown include:

- Front Panel (H3-1-1):** The main faceplate of the unit.
- Mounting Bracket (H3-1-2):** A bracket that secures the unit to the dashboard.
- Antenna (H3-1-3):** A telescopic antenna for radio reception.
- Wiring Harness (H3-1-4):** A bundle of wires for connecting the unit to the vehicle's electrical system.
- Speaker Cables (H3-1-5, H3-1-6):** Cables for connecting the unit to the speakers.
- Speaker (H3-1-7):** A circular speaker for audio output.
- Antenna Mount (H3-1-8):** A mount for the antenna.
- Antenna Cable (H3-1-9):** A cable for the antenna.
- Antenna Mount (H3-1-10):** A mount for the antenna.
- Antenna Cable (H3-1-11):** A cable for the antenna.
- Antenna Mount (H3-1-12):** A mount for the antenna.
- Antenna Cable (H3-1-13):** A cable for the antenna.
- Antenna Mount (H3-1-14):** A mount for the antenna.
- Antenna Cable (H3-1-15):** A cable for the antenna.
- Antenna Mount (H3-1-16):** A mount for the antenna.
- Antenna Cable (H3-1-17):** A cable for the antenna.
- Antenna Mount (H3-1-18):** A mount for the antenna.
- Antenna Cable (H3-1-19):** A cable for the antenna.
- Antenna Mount (H3-1-20):** A mount for the antenna.
- Antenna Cable (H3-1-21):** A cable for the antenna.
- Antenna Mount (H3-1-22):** A mount for the antenna.
- Antenna Cable (H3-1-23):** A cable for the antenna.
- Antenna Mount (H3-1-24):** A mount for the antenna.
- Antenna Cable (H3-1-25):** A cable for the antenna.
- Antenna Mount (H3-1-26):** A mount for the antenna.
- Antenna Cable (H3-1-27):** A cable for the antenna.

The diagram uses dashed lines to indicate the assembly path and alignment of the components. The H3-1 unit is shown in the center, with various parts like the antenna, speaker, and wiring harness positioned around it to show their relative positions and how they connect.

Note

H3

H3-2

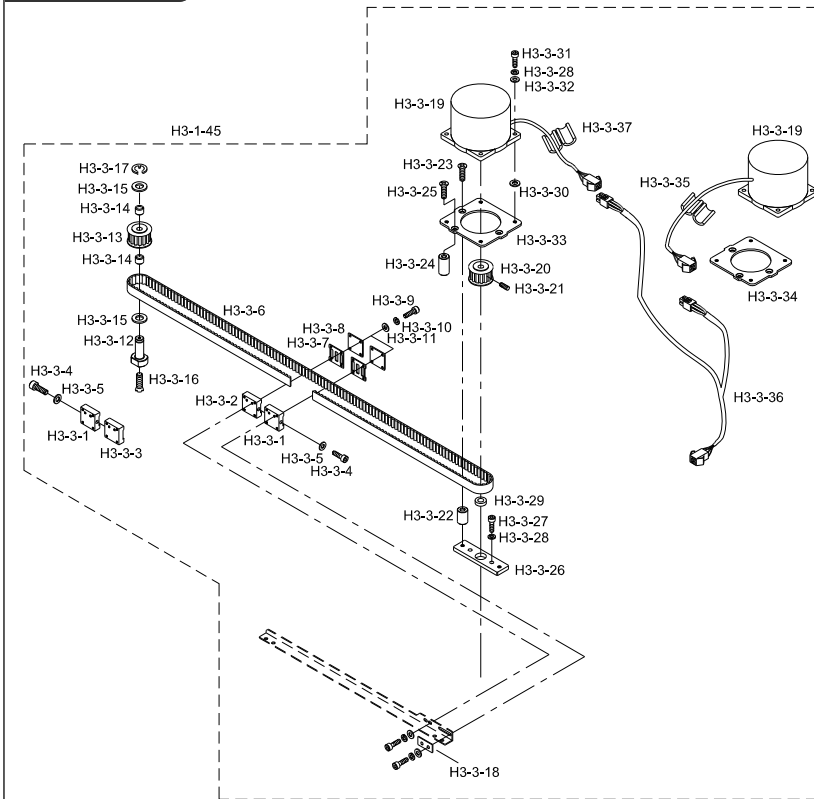
The diagram illustrates the assembly of the H3-2 unit, showing the following components and their assembly sequence:

- Base Assembly:** H3-2-1 (Main base), H3-2-2 (Support bracket), H3-2-3 (Screw), H3-2-4 (Bracket), H3-2-5 (Bracket), H3-2-6 (Bracket), H3-2-7 (Screw), H3-2-8 (Screw), H3-2-9 (Screw), H3-2-10 (Bracket), H3-2-11 (Bracket), H3-2-12 (Bracket), H3-2-13 (Screw), H3-2-14 (Screw), H3-2-15 (Screw), H3-2-16 (Bracket), H3-2-17 (Screw), H3-2-18 (Screw), H3-2-19 (Screw), H3-2-20 (Bracket), H3-2-21 (Bracket), H3-2-22 (Bracket), H3-2-23 (Bracket), H3-2-24 (Bracket), H3-2-25 (Bracket), H3-2-26 (Bracket), H3-2-27 (Bracket), H3-2-28 (Bracket), H3-2-29 (Bracket), H3-2-30 (Bracket), H3-2-31 (Bracket), H3-2-32 (Bracket), H3-2-33 (Bracket), H3-2-34 (Bracket), H3-2-35 (Bracket), H3-2-36 (Bracket), H3-2-37 (Bracket), H3-2-38 (Bracket), H3-2-39 (Bracket), H3-2-40 (Bracket), H3-2-41 (Bracket), H3-2-42 (Bracket), H3-2-43 (Bracket), H3-2-44 (Bracket), H3-2-45 (Bracket), H3-2-46 (Bracket), H3-2-47 (Bracket), H3-2-48 (Bracket), H3-2-49 (Bracket), H3-2-50 (Bracket), H3-2-51 (Bracket), H3-2-52 (Bracket), H3-2-53 (Bracket), H3-2-54 (Bracket), H3-2-55 (Bracket), H3-2-56 (Bracket), H3-2-57 (Bracket), H3-2-58 (Bracket), H3-2-59 (Bracket), H3-2-60 (Bracket), H3-2-61 (Bracket), H3-2-62 (Bracket), H3-2-63 (Bracket), H3-2-64 (Bracket), H3-2-65 (Bracket), H3-2-66 (Bracket), H3-2-67 (Bracket), H3-2-68 (Bracket), H3-2-69 (Bracket), H3-2-70 (Bracket), H3-2-71 (Bracket), H3-2-72 (Bracket), H3-2-73 (Bracket), H3-2-74 (Bracket), H3-2-75 (Bracket), H3-2-76 (Bracket), H3-2-77 (Bracket), H3-2-78 (Bracket), H3-2-79 (Bracket), H3-2-80 (Bracket), H3-2-81 (Bracket), H3-2-82 (Bracket), H3-2-83 (Bracket), H3-2-84 (Bracket), H3-2-85 (Bracket), H3-2-86 (Bracket), H3-2-87 (Bracket), H3-2-88 (Bracket), H3-2-89 (Bracket), H3-2-90 (Bracket), H3-2-91 (Bracket), H3-2-92 (Bracket), H3-2-93 (Bracket), H3-2-94 (Bracket), H3-2-95 (Bracket), H3-2-96 (Bracket), H3-2-97 (Bracket), H3-2-98 (Bracket), H3-2-99 (Bracket), H3-2-100 (Bracket).

Note

H3

H3-3

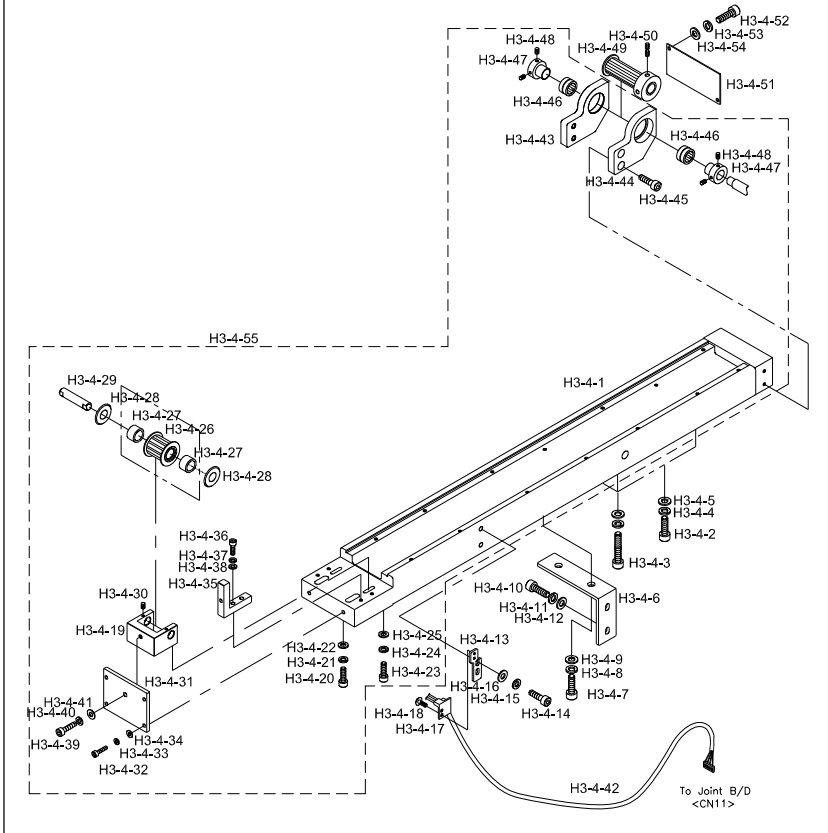


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-3-1	14045AD-UK01	Belt Bracket (B)				2	
H3-3-2	14049AD-UK01	Belt Bracket (C)				1	
H3-3-3	14048AD-UK01	Belt Bracket (A)				1	
H3-3-4	15034SC-4113	Hex. Socket Boit (M4*L45)			○	2	
H3-3-5	05009SW-1111	Washer (@4-L)			○	2	
H3-3-6	03201100UH00	X-Timing Belt (L=1260)				2	
H3-3-7	14051PR-UK01	Fixing Plate				4	
H3-3-8	14052PR-UK01	Fixing Plate Holder				4	
H3-3-9	03071SC-A001	Hex.Scoket Bolt (M3*L15)			○	16	
H3-3-10	11019SW-9115	Spring Washer (3@)			○	16	
H3-3-11	08011SW-1111	Spring Washer (@3-S)			○	16	
H3-3-12	03106000U000	Timing Pulley Driving Pin				2	
H3-3-13	12017PU-T121	Timing Pulley "A"				2	
H3-3-14	12018BR-T121	Needle Bearing Hk1010(Ina)			○	4	
H3-3-15	12019BR-T121	Fiber Washer R-Tw1020				4	
H3-3-16	15048SC-4119	Plus Screw (M5*L12)			○	2	
H3-3-17	08044SR-4013	E-Ring (@8)			○	2	
H3-3-18	14020PR-UK01	Space				2	
H3-3-19	15076AF-UK01	X-Motor				2	
H3-3-20	14063PU-UK01	Timing Pulley "B"				2	
H3-3-21	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	4	
H3-3-22	14065AD-UK01	Motor Fixing Shaft (A)				4	
H3-3-23	15053SC-4119	Plus Screw (M5*L30)			○	4	
H3-3-24	14067AD-UK01	Motor Fixing Shaft (B)				2	
H3-3-25	15055SC-4119	Plus Screw (M5*L35)			○	2	
H3-3-26	14069AD-UK01	Motor Block				2	
H3-3-27	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	20	
H3-3-28	18048SW-3115	Spring Washer (@5)			○	20	
H3-3-29	14071BR-UK01	Bearing Bc616Zz			○	2	
H3-3-30	15061PR-UK01	Motor Space (@5*@11*2T)				8	
H3-3-31	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	8	
H3-3-32	16018SW-1111	Washer (@5)			○	8	
H3-3-33	14074PR-UK01	Motor Base (L)				1	
H3-3-34	14075PR-UK01	Motor Base (R)				1	
H3-3-35	15044EL-T121	Bid (S)				2	
H3-3-36	02101000UH60	Cable (25-10)				1	
H3-3-37	15045EL-UK01	Bid (L)				1	

H3

H3-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-4-1	03100200UH01	Y-Lm Guide Frame (L650)				2	
H3-4-2	14027SC-4113	Hex.Socket Bolt (M8*L30)				4	
H3-4-3	03003SC-4113	Hex. Socket Bolt "B"(M8*L35)			○	4	
H3-4-4	15095SW-3115	Spring Washer (@8)			○	8	
H3-4-5	04029SW-A001	Stud Bolt Washer(S) (@8)			○	8	
H3-4-6	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H3-4-7	14002SC-7113	Hex.Socket Bolt (M6*L15)			○	4	
H3-4-8	16014SW-4115	Spring Washer (@6)			○	4	
H3-4-9	08057SW-1111	Washer (@6)			○	4	
H3-4-10	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	4	
H3-4-11	18048SW-3115	Spring Washer (@5)			○	4	
H3-4-12	16018SW-1111	Washer (@5)			○	4	
H3-4-13	03101300UH00	Sensor Bracket				1	
H3-4-14	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	2	
H3-4-15	18014SW-3115	Spring Washer (@4-No2)			○	2	
H3-4-16	18015SW-3111	Washer (4@)			○	2	
H3-4-17	10-003A-SC53	Positioning Sensor				1	
H3-4-18	08006SC-8118	Plus Screw (M3*L5)			○	2	
H3-4-19	03100500UH00	Y-Tension Adjusting Bracket				2	
H3-4-20	08062SC-7113	Hex. Socket Bolt (M5*L20)			○	4	
H3-4-21	18048SW-3115	Spring Washer (5@)			○	4	
H3-4-22	18049SW-3111	Washer (@5)			○	4	
H3-4-23	05008SC-4113	Hex.Socket Bolt (M4*L16)			○	2	
H3-4-24	18014SW-3115	Spring Washer (@4-No2)			○	2	
H3-4-25	18015SW-3111	Washer (4@)			○	2	
H3-4-26	04500100U000	TIMING PULLEY(16-S5M-32F)				2	
H3-4-27	15042BR-A001	Needle Bearing (1210Zz)			○	4	
H3-4-28	15046RB-A001	Driving Pin Washer (Tw1225)				4	
H3-4-29	16100CW-UK06	Timing Pulley Shaft (Y)				2	
H3-4-30	08007SC-4517	Hex. Socket Set Screw (M3*L5)			○	4	
H3-4-31	03100600UH00	Tension Adjusting Plate				2	
H3-4-32	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	8	
H3-4-33	02028SW-9115	Spring Washer (@4)			○	8	
H3-4-34	05009SW-1111	Washer (@4-L)			○	8	
H3-4-35	03100700UH00	Fixed Block				4	
H3-4-36	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	4	
H3-4-37	18014SW-3115	Spring Washer (@4-No2)			○	4	

H3

H3-4

The diagram illustrates the assembly of the H3-4 unit, showing the main body and various sub-assemblies. The components are labeled with part numbers and their assembly order is indicated by numbers in circles.

Main Body Components:

- H3-4-1 (Main body)
- H3-4-2 (Screw)
- H3-4-3 (Bracket)
- H3-4-4 (Screw)
- H3-4-5 (Screw)
- H3-4-6 (Bracket)
- H3-4-7 (Screw)
- H3-4-8 (Screw)
- H3-4-9 (Screw)
- H3-4-10 (Screw)
- H3-4-11 (Screw)
- H3-4-12 (Screw)
- H3-4-13 (Screw)
- H3-4-14 (Screw)
- H3-4-15 (Screw)
- H3-4-16 (Screw)
- H3-4-17 (Screw)
- H3-4-18 (Screw)
- H3-4-19 (Screw)
- H3-4-20 (Screw)
- H3-4-21 (Screw)
- H3-4-22 (Screw)
- H3-4-23 (Screw)
- H3-4-24 (Screw)
- H3-4-25 (Screw)
- H3-4-26 (Screw)
- H3-4-27 (Screw)
- H3-4-28 (Screw)
- H3-4-29 (Screw)
- H3-4-30 (Screw)
- H3-4-31 (Screw)
- H3-4-32 (Screw)
- H3-4-33 (Screw)
- H3-4-34 (Screw)
- H3-4-35 (Screw)
- H3-4-36 (Screw)
- H3-4-37 (Screw)
- H3-4-38 (Screw)
- H3-4-39 (Screw)
- H3-4-40 (Screw)
- H3-4-41 (Screw)
- H3-4-42 (Screw)
- H3-4-43 (Screw)
- H3-4-44 (Screw)
- H3-4-45 (Screw)
- H3-4-46 (Screw)
- H3-4-47 (Screw)
- H3-4-48 (Screw)
- H3-4-49 (Screw)
- H3-4-50 (Screw)
- H3-4-51 (Screw)
- H3-4-52 (Screw)
- H3-4-53 (Screw)
- H3-4-54 (Screw)

Assembly Order:

- 1
- 2
- 3
- 4
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Assembly Instructions:

- 1. Assemble the main body (H3-4-1) with the screws (H3-4-2, H3-4-3, H3-4-4, H3-4-5, H3-4-6, H3-4-7, H3-4-8, H3-4-9, H3-4-10, H3-4-11, H3-4-12, H3-4-13, H3-4-14, H3-4-15, H3-4-16, H3-4-17, H3-4-18, H3-4-19, H3-4-20, H3-4-21, H3-4-22, H3-4-23, H3-4-24, H3-4-25, H3-4-26, H3-4-27, H3-4-28, H3-4-29, H3-4-30, H3-4-31, H3-4-32, H3-4-33, H3-4-34, H3-4-35, H3-4-36, H3-4-37, H3-4-38, H3-4-39, H3-4-40, H3-4-41, H3-4-42, H3-4-43, H3-4-44, H3-4-45, H3-4-46, H3-4-47, H3-4-48, H3-4-49, H3-4-50, H3-4-51, H3-4-52, H3-4-53, H3-4-54).
- 2. Assemble the sub-assemblies (H3-4-43, H3-4-44, H3-4-45, H3-4-46, H3-4-47, H3-4-48, H3-4-49, H3-4-50, H3-4-51, H3-4-52, H3-4-53, H3-4-54) onto the main body.
- 3. Connect the cable (H3-4-42) to the joint B/D <CN11>.

Note

H3

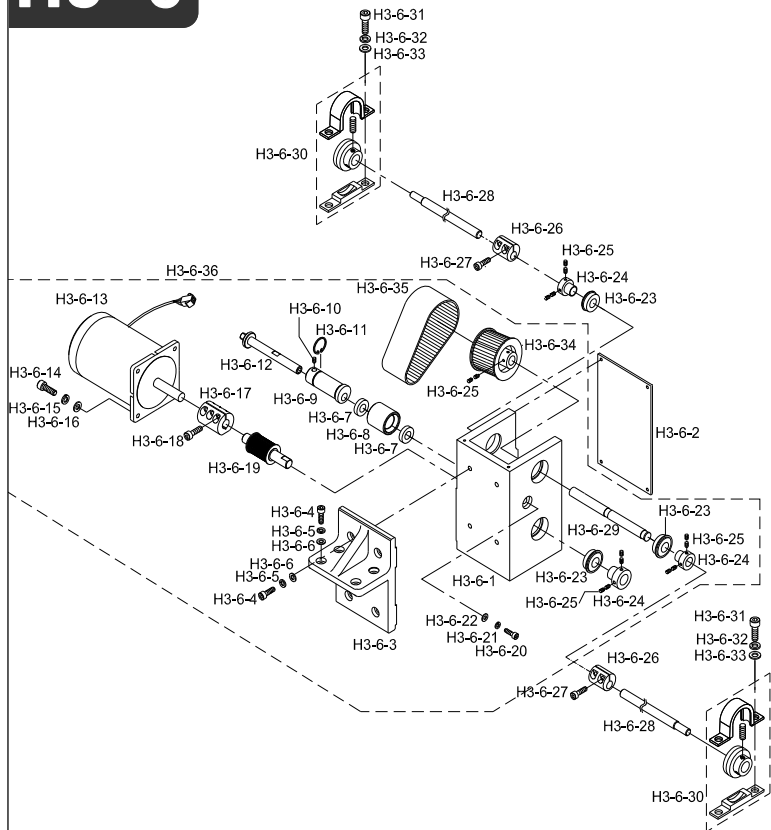
H3-5

The diagram illustrates the assembly of the H3-5 component. The main assembly is shown in the upper left, with parts H3-5-1 through H3-5-10 labeled. H3-5-1 is the base plate, H3-5-2 is a long rail, H3-5-3 is a bracket, H3-5-4 is a screw, H3-5-5 is a washer, H3-5-6 is a nut, H3-5-7 is a plate, H3-5-8 is a screw, H3-5-9 is a washer, and H3-5-10 is a nut. The main assembly is shown in the upper left, with parts H3-5-1 through H3-5-10 labeled. H3-5-1 is the base plate, H3-5-2 is a long rail, H3-5-3 is a bracket, H3-5-4 is a screw, H3-5-5 is a washer, H3-5-6 is a nut, H3-5-7 is a plate, H3-5-8 is a screw, H3-5-9 is a washer, and H3-5-10 is a nut. The main assembly is shown in the upper left, with parts H3-5-1 through H3-5-10 labeled. H3-5-1 is the base plate, H3-5-2 is a long rail, H3-5-3 is a bracket, H3-5-4 is a screw, H3-5-5 is a washer, H3-5-6 is a nut, H3-5-7 is a plate, H3-5-8 is a screw, H3-5-9 is a washer, and H3-5-10 is a nut.

Note

H3

H3-6

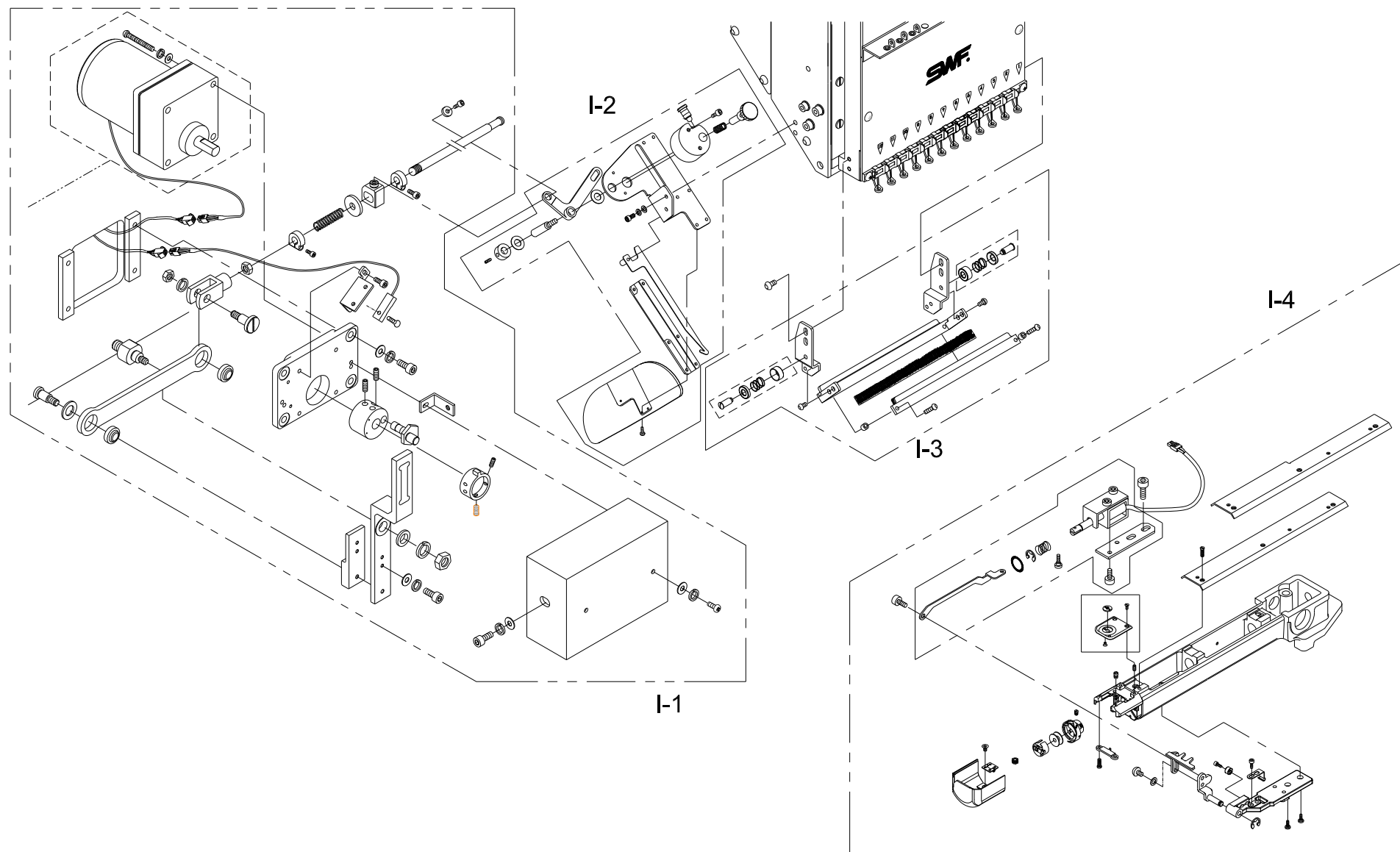


Note

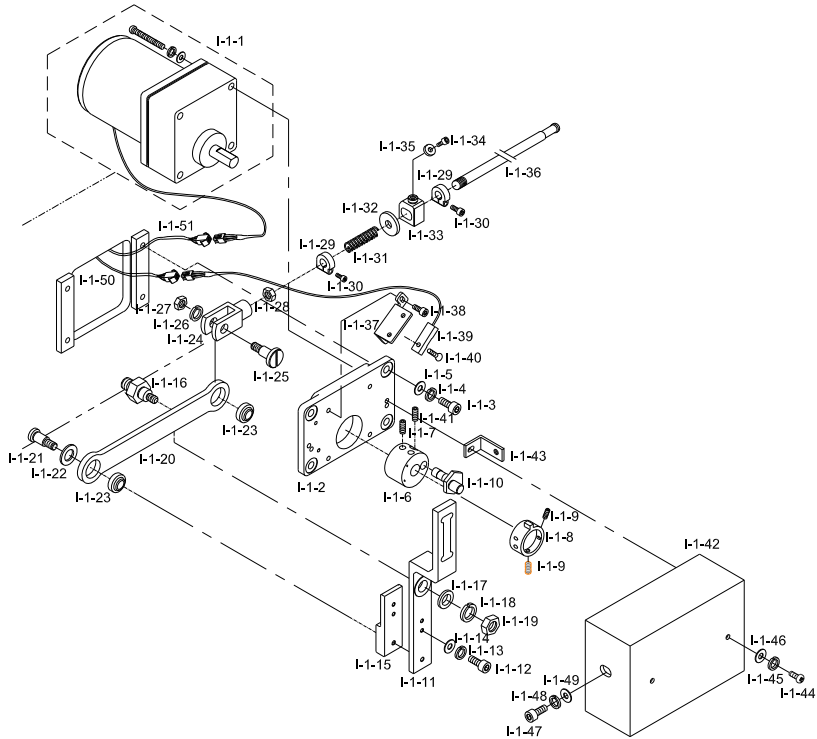
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-6-1	GP-007511-00	Y-Driving Box	Feb,05,05 ~	X		1	
H3-6-2	GP-005374-00	Y-Driving Box CoverA	Nov,02,04 ~	X		2	
H3-6-3	GP-007513-00	Y-Driving Box Bracket	Feb,05,05 ~	X		2	
H3-6-4	03003SC-4113	Hex. Socket Bolt "B" (M8*L35)				20	
H3-6-5	15095SW-3115	Spring Washer (@8)				36	
H3-6-6	04029SW-A001	Stud Bolt Washer(S) (@8)				36	
H3-6-7	03200400I000	Roller Bearing				2	
H3-6-8	GP-005379-00	Tension Adjusting Roller	Nov,02,04 ~	X		1	
H3-6-9	GP-005378-00	Idler Bush	Nov,02,04 ~	X		1	
H3-6-10	14060AF-4517	Hex. Socket Bolt (M6*L6)				1	
H3-6-11	03200700I000	C-Ring				1	
H3-6-12	GP-007512-00	Idler Shaft	Feb,05,05 ~	X		1	
	GP-007512-01		Des,18,08 ~	△			
H3-6-13	16059MT-E131	Y Motor (103H89222-5212)				1	
H3-6-14	14046SC-7113	Hex.Socket Bolt (M6*L30)				4	
H3-6-15	16014SW-4115	Spring Washer (@6)				4	
H3-6-16	08057SW-1111	Washer (@6)				4	
H3-6-17	GP-005380-00	Coupling	Nov,02,04 ~	X		1	
H3-6-18	14061AF-4517	Hex. Socket Bolt (M8*L8)				2	
H3-6-19	GP-044367-00	Y-Driving Timing Pulley	Dec,02,08 ~	X		1	
	GP-044367-01		Jul,05,10 ~	△		1	
H3-6-20	14002SC-7113	Hex. Socket Bolt (M6*L15)				1	
H3-6-21	16014SW-4115	Spring Washer (@6)				5	
H3-6-22	08057SW-1111	Washer				5	
H3-6-23	01029BR-A001	Bearing(6004zz)				3	
H3-6-24	14058CW-A001	Bearing Stopper Collar				3	
H3-6-25	04012AF-A001	Screw(15/64-28)				8	
H3-6-26	03005100U000	Coupling "A"				4	
H3-6-27	03016SC-4113	Hex. Socket Bolt (M5*L15)				8	
H3-6-28	ST-000010-00	Y-Driving Shaft "A" L=1049	Des,18,08 ~	X		2	
	ST-000010-01		Sep,01,09 ~	△			
H3-6-29	GP-007516-00	Y-Driving Shaft "B"	Feb,05,05 ~	X		2	
	GP-004159-00	Y-Driving Shaft	Aug,24,04 ~	X		2	
	GP-004159-01		Apr,27,05 ~	△			
H3-6-30	16078BR-UK01	Pillow Block Set				1	
H3-6-31	14002SC-7113	HEX.SOCKET BOLT (M6*L15)				2	
H3-6-32	16014SW-4115	Spring Washer (@6)				2	
H3-6-33	08057SW-1111	Washer (@6)				2	
H3-6-34	03200200B000	Lower Shaft Timing Pulley				1	
H3-6-35	BE-000023-00	Y-Driving Timing Belt	Nov,02,04 ~	X		1	
H3-6-36	AS-015304-00	Y-Driving Timing Pulley Box Assy	Dec,02,08 ~	X		1	
	AS-015304-01		Feb,02,09 ~	△			
	AS-015304-02		Aug,31,09 ~	△			

H3

SETTING



I-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-1-1	EP-000141-00	Upper Thread Hook Motor Unit	Mar,22,06 ~	X		1	
I-1-2	GP-015086-00	MOTOR BASE	Feb,09,06 ~ Jul.08.10	X		1	
	GP-015086-01		Jul.08.10 ~	△			
I-1-3	06025MC-7113	Hex.Socket Bolt (M6*L25)			○	4	
I-1-4	16014SW-4115	Spring Washer (@6)			○	4	
I-1-5	08057SW-1111	Washer (@6)			○	4	
I-1-6	03003300H000	Cam Shaft Fixing Block				1	
I-1-7	05008MC-4517	Hex.Socket Bolt (M5*L8)			○	2	
I-1-8	GP-005184-00	SENSOR SENSING ADJUSTING RING	Oct,14,04 ~	X		1	
	GP-005184-01		May,19,05 ~	△			
I-1-9	04014SC-4517	Hex.Socket Set Screw (M5*L5)			○	2	
I-1-10	03003500H000	Motor Driving Cam Shaft				1	
I-1-11	03003910H000	Upper Thread Driving Plate				1	
I-1-12	18047SC-7113	Hex/ Socket Bolt (M5*L15)			○	2	
I-1-13	18048SW-3115	Spring Washer (5@)			○	2	
I-1-14	18049SW-3111	Washer (@5)			○	2	
I-1-15	03004100H000	Driving Plate Block				1	
I-1-16	SC-001729-00	Stud Bolt For Driving Plate	Jun.03.09 ~ Apr.20.10	X		1	
	SC-001729-01		Apr.20.10 ~ Jul.08.10	△			
	SC-001729-02		Jul.08.10 ~	△			
I-1-17	WS-000549-00	Stud Bolt Washer	Feb.20.09 ~ Jun.24.09	X		1	
	WS-000549-01		Jun.24.09 ~	△			
I-1-18	15095SW-3115	Spring Washer (@8)			○	1	
I-1-19	04032SN-A001	Hex. Nut (M8-No2)			○	1	
I-1-20	GP-044787-00	MOTOR DRIVING CONNECT PLATE	Jan,13,09 ~	X		1	
I-1-21	03008300H000	Connecting Plate Stud Screw A				1	
I-1-22	03004500H000	Connecting Plate Pin Washer				1	
I-1-23	03004400H000	Motor Driving Connect Bearing				2	
I-1-24	03004800H000	Connecting Plate Knuckle				1	
I-1-25	SC-001605-00	Connecting Plate Stud Screw	Jan,13,09 ~	X		1	
I-1-26	16014SW-4115	SPRING WASHER (@6)			○	1	
I-1-27	13042SN-1111	Hex.Nut (M6*T5-R)			○	1	
I-1-28	04032SN-A001	Hex. Nut (M8-No2)			○	1	
I-1-29	03002610H000	Return Spring Stopper				8	
I-1-30	05008SC-4113	Hex.Socket Bolt (M4*L16)			○	8	
I-1-31	03002700H000	Return Spring				4	
I-1-32	03002800H000	Return Spring Stopper Washer				4	
I-1-33	03003000H000	Return Spring Fix Pin				4	
I-1-34	02015SC-7113	Hex.Socket Bolt (M4*L10)			○	4	
I-1-35	03002900H000	Return Spring Fix Pin Washer				4	
I-1-36	03007000UK20	Upper Thread Driving Shaft (UK1202)				1	
I-1-37	03007000UK40	Upper Thread Driving Shaft (UK1204)				1	

This diagram illustrates the exploded view of the I-1-1 assembly. The components are labeled with part numbers and assembly sequence numbers. The assembly process is indicated by dashed lines and arrows, showing the sequence of parts to be installed. Key components include the main housing (I-1-1), the motor (I-1-2), the control unit (I-1-3), and the base (I-1-4). The diagram also shows the installation of various fasteners, including screws (I-1-5, I-1-6, I-1-7, I-1-8, I-1-9, I-1-10, I-1-11, I-1-12, I-1-13, I-1-14, I-1-15, I-1-16, I-1-17, I-1-18, I-1-19, I-1-20, I-1-21, I-1-22, I-1-23, I-1-24, I-1-25, I-1-26, I-1-27, I-1-28, I-1-29, I-1-30, I-1-31, I-1-32, I-1-33, I-1-34, I-1-35, I-1-36, I-1-37, I-1-38, I-1-39, I-1-40, I-1-41, I-1-42, I-1-43, I-1-44, I-1-45, I-1-46, I-1-47, I-1-48, I-1-49, I-1-50, I-1-51) and nuts (I-1-1, I-1-2, I-1-3, I-1-4, I-1-5, I-1-6, I-1-7, I-1-8, I-1-9, I-1-10, I-1-11, I-1-12, I-1-13, I-1-14, I-1-15, I-1-16, I-1-17, I-1-18, I-1-19, I-1-20, I-1-21, I-1-22, I-1-23, I-1-24, I-1-25, I-1-26, I-1-27, I-1-28, I-1-29, I-1-30, I-1-31, I-1-32, I-1-33, I-1-34, I-1-35, I-1-36, I-1-37, I-1-38, I-1-39, I-1-40, I-1-41, I-1-42, I-1-43, I-1-44, I-1-45, I-1-46, I-1-47, I-1-48, I-1-49, I-1-50, I-1-51). The diagram also shows the installation of the motor (I-1-2) and the control unit (I-1-3) into the main housing (I-1-1). The base (I-1-4) is shown at the bottom, with various fasteners (I-1-15, I-1-16, I-1-17, I-1-18, I-1-19, I-1-20, I-1-21, I-1-22, I-1-23, I-1-24, I-1-25, I-1-26, I-1-27, I-1-28, I-1-29, I-1-30, I-1-31, I-1-32, I-1-33, I-1-34, I-1-35, I-1-36, I-1-37, I-1-38, I-1-39, I-1-40, I-1-41, I-1-42, I-1-43, I-1-44, I-1-45, I-1-46, I-1-47, I-1-48, I-1-49, I-1-50, I-1-51) used to secure it. The diagram also shows the installation of the motor (I-1-2) and the control unit (I-1-3) into the main housing (I-1-1). The base (I-1-4) is shown at the bottom, with various fasteners (I-1-15, I-1-16, I-1-17, I-1-18, I-1-19, I-1-20, I-1-21, I-1-22, I-1-23, I-1-24, I-1-25, I-1-26, I-1-27, I-1-28, I-1-29, I-1-30, I-1-31, I-1-32, I-1-33, I-1-34, I-1-35, I-1-36, I-1-37, I-1-38, I-1-39, I-1-40, I-1-41, I-1-42, I-1-43, I-1-44, I-1-45, I-1-46, I-1-47, I-1-48, I-1-49, I-1-50, I-1-51) used to secure it.

I-2

This diagram illustrates the assembly of the I-2 component, showing the relationship between various parts and their assembly sequence. The parts are labeled as follows:

- I-2-1: Main housing or base plate.
- I-2-2: Small cylindrical component, likely a pin or bush.
- I-2-3: Small cylindrical component, likely a pin or bush.
- I-2-4: Small cylindrical component, likely a pin or bush.
- I-2-5: Large cylindrical component, likely a bearing or bush.
- I-2-6: Small cylindrical component, likely a pin or bush.
- I-2-7: Small cylindrical component, likely a pin or bush.
- I-2-8: Small cylindrical component, likely a pin or bush.
- I-2-9: Small cylindrical component, likely a pin or bush.
- I-2-10: Small cylindrical component, likely a pin or bush.
- I-2-11: Small cylindrical component, likely a pin or bush.
- I-2-12: Small cylindrical component, likely a pin or bush.
- I-2-13: Small cylindrical component, likely a pin or bush.
- I-2-14: Small cylindrical component, likely a pin or bush.
- I-2-15: Small cylindrical component, likely a pin or bush.
- I-2-16: Small cylindrical component, likely a pin or bush.
- I-2-17: Small cylindrical component, likely a pin or bush.
- I-2-18: Small cylindrical component, likely a pin or bush.

The diagram shows the assembly of the I-2 component, including the main housing (I-2-1) and various internal components (I-2-2 through I-2-18). The assembly is shown in an exploded view, indicating the sequence of assembly.

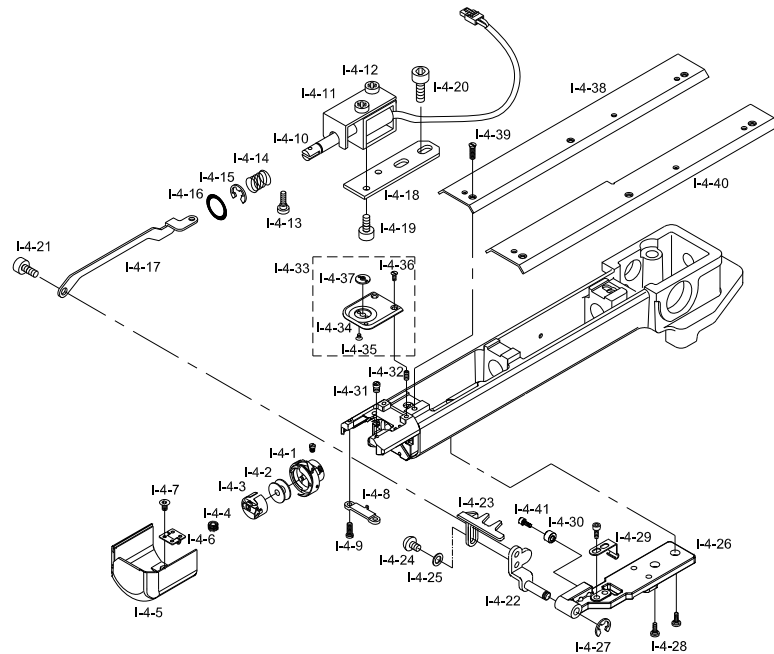
Note

The technical drawing illustrates the SMF 1000 system. The top part shows a perspective view of the main assembly, which consists of a long, multi-segmented track mounted on a wall. The track is labeled 'SMF.' and features a series of numbered callouts (1 through 10) indicating specific components or adjustment points. Below this, a detailed view of the lower components is shown, including a bracket (I-3-2) and a track (I-3-5). Various screws and bolts are labeled with part numbers: I-3-1, I-3-4, I-3-6, I-3-7, I-3-8, I-3-9, I-3-10, and I-3-11. The drawing uses dashed lines to indicate the assembly path and the relationship between the different parts.

Note



I-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-4-1	HK-000002-00	Rotary Hook Set	Oct,16,09 ~	X		4	
	HK-000009-00	Hook Set (Large Hook)				4	
I-4-2	04035AF-A001	Bobbin				4	
	BB-000001-00	Bobbin (Large Hook)	Dec,12,08 ~			4	
	BB-000001-01	Bobbin (Large Hook)	Apr,07,09 ~			4	
	BB-000001-02	Bobbin (Large Hook)	Apr,27,09 ~			4	
I-4-3	04034AF-A001	Bobbin Case Set				4	
I-4-4	GP-005361-00	Hook Cover Insert	Nov,01,04 ~	X		8	
I-4-5	GP-005360-00	Hook Cover	Nov,01,04 ~	X		4	
	GP-005360-01	Hook Cover	Oct,20,05 ~	△			
	GP-005360-02	Hook Cover	May,25,06 ~	△			
	GP-052507-00	Hook Cover (Large Hook)					
I-4-6	HG-000001-00	Hook Cover Hinge	Nov,01,04 ~	X		4	
I-4-7	08014AF-A001	Plus Screw (M3*L8)			○	8	
I-4-8	GP-005358-00	Rotary Hook Support	Nov,01,04 ~	X		4	
	GP-005358-01		Jul,13,05 ~	△			
I-4-9	02011SC-3125	Rotary Hook Support Screw				8	
I-4-10	10009EL-T121	Picker Sol.				4	
I-4-11	01-012A-AT10	Picker Sol. Cover				4	
I-4-12	28021SC-3123	Truss Screw (M3*L4)			○	8	
I-4-13	10021SC-A001	Sol. Stud Screw				4	
I-4-14	10011SP-A001	Sol. Spring				4	
I-4-15	13044SR-4013	E-Ring (@4)			○	4	
I-4-16	10012RB-A001	Cushion Washer				4	
I-4-17	GP-005370-00	Connecting Plate	Nov,02,04 ~	X		4	
	GP-052406-00	Connecting Plate (Large Hook)				4	
I-4-18	01-013A-AT10	Picker Sol. Base				4	
I-4-19	06010AF-8118	Plus Screw(M3*L4)			○	8	
I-4-20	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	8	
I-4-21	08012CW-T121	Connecting Plate Stud Screw				4	
I-4-22	AS-001429-00	Picker Base Ass'Y	Nov,01,04 ~	X		4	
	AS-001429-01	Picker Base Ass'Y	May,30,06 ~	△			
	AS-001429-02	Picker Base Ass'Y	Des,04,08 ~	△			
	AS-018368-00	Picker Base Ass'Y (Large Hook)					
I-4-23	GP-005368-00	Picker	Nov,01,04 ~	X		4	
	GP-052407-00	Picker (Large Hook)				4	
I-4-24	07018SC-8118	Plus Screw (M3*L8)			○	8	
I-4-25	WS-000085-00	Washer for Picker Base	Des,28,04 ~	X		8	

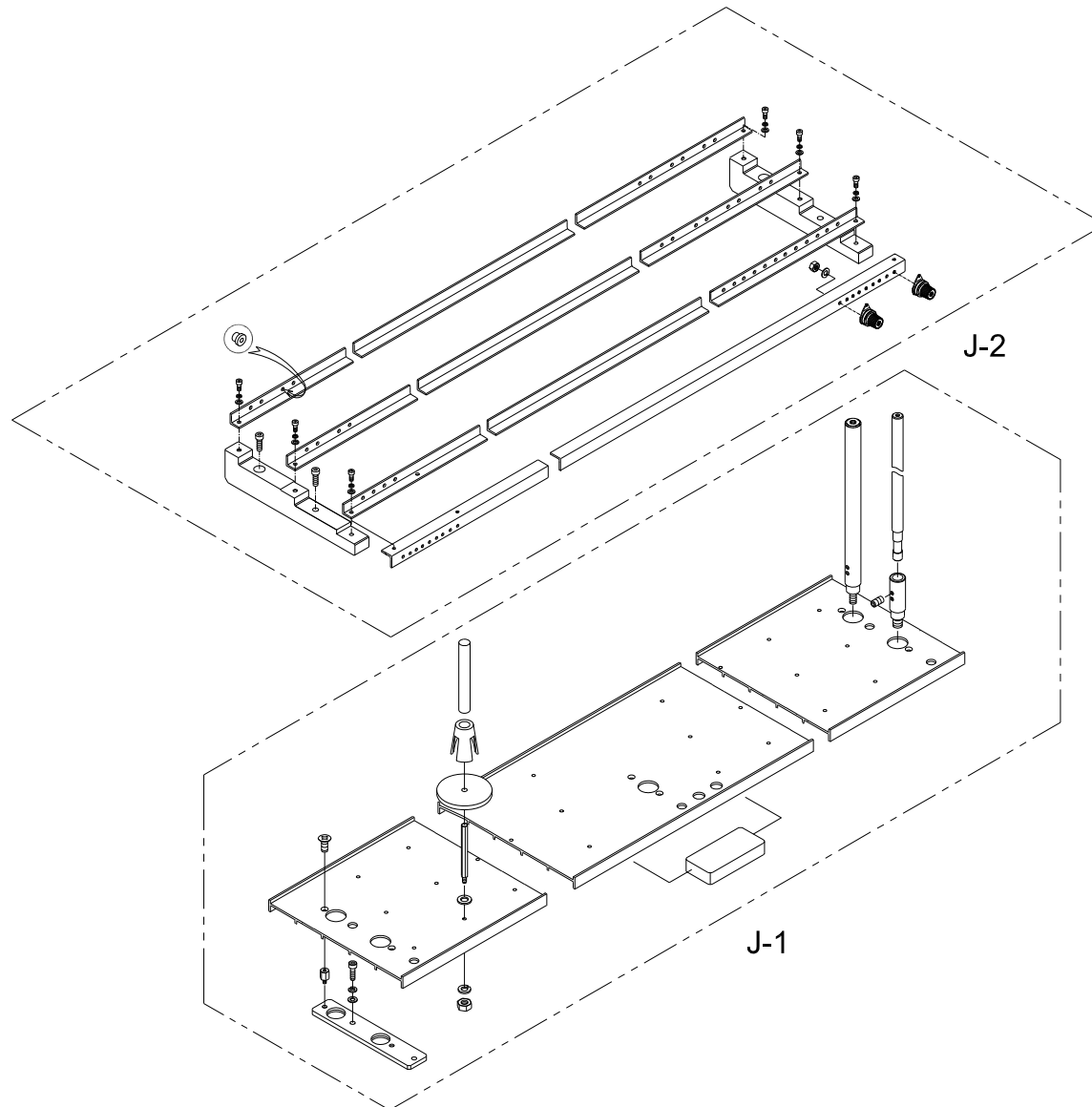
I-4

This exploded view diagram illustrates the assembly of a mechanical component, likely a door or panel. The parts are numbered as follows:

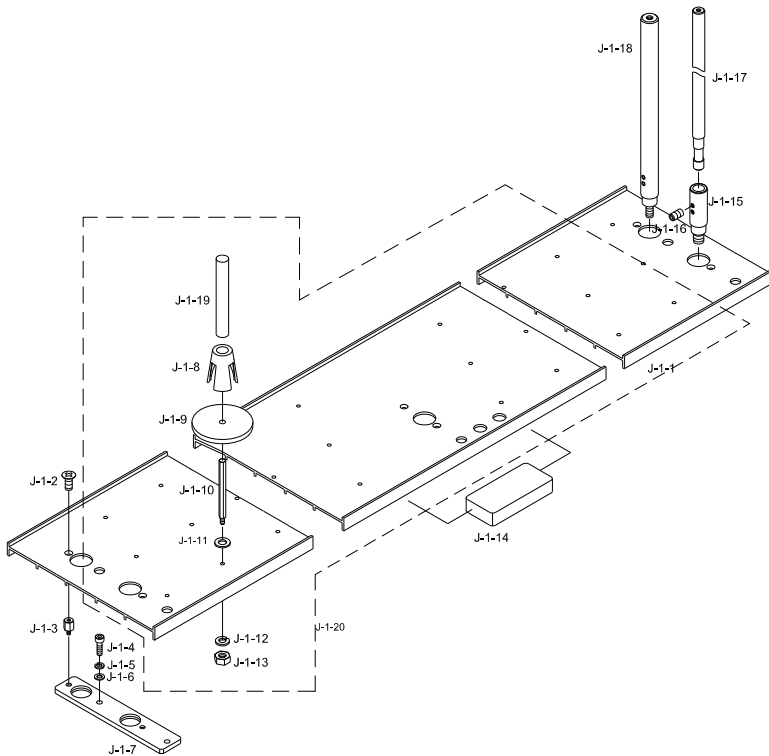
- I-4-1:** A small circular component, possibly a pin or washer.
- I-4-2:** A small circular component, possibly a pin or washer.
- I-4-3:** A small circular component, possibly a pin or washer.
- I-4-4:** A small circular component, possibly a pin or washer.
- I-4-5:** A U-shaped bracket or support.
- I-4-6:** A small circular component, possibly a pin or washer.
- I-4-7:** A small circular component, possibly a pin or washer.
- I-4-8:** A small circular component, possibly a pin or washer.
- I-4-9:** A small circular component, possibly a pin or washer.
- I-4-10:** A small circular component, possibly a pin or washer.
- I-4-11:** A small circular component, possibly a pin or washer.
- I-4-12:** A small circular component, possibly a pin or washer.
- I-4-13:** A small circular component, possibly a pin or washer.
- I-4-14:** A small circular component, possibly a pin or washer.
- I-4-15:** A small circular component, possibly a pin or washer.
- I-4-16:** A small circular component, possibly a pin or washer.
- I-4-17:** A long, thin, curved component, possibly a hinge or lever.
- I-4-18:** A small circular component, possibly a pin or washer.
- I-4-19:** A small circular component, possibly a pin or washer.
- I-4-20:** A small circular component, possibly a pin or washer.
- I-4-21:** A small circular component, possibly a pin or washer.
- I-4-22:** A small circular component, possibly a pin or washer.
- I-4-23:** A small circular component, possibly a pin or washer.
- I-4-24:** A small circular component, possibly a pin or washer.
- I-4-25:** A small circular component, possibly a pin or washer.
- I-4-26:** A small circular component, possibly a pin or washer.
- I-4-27:** A small circular component, possibly a pin or washer.
- I-4-28:** A small circular component, possibly a pin or washer.
- I-4-29:** A small circular component, possibly a pin or washer.
- I-4-30:** A small circular component, possibly a pin or washer.
- I-4-31:** A small circular component, possibly a pin or washer.
- I-4-32:** A small circular component, possibly a pin or washer.
- I-4-33:** A small circular component, possibly a pin or washer.
- I-4-34:** A small circular component, possibly a pin or washer.
- I-4-35:** A small circular component, possibly a pin or washer.
- I-4-36:** A small circular component, possibly a pin or washer.
- I-4-37:** A small circular component, possibly a pin or washer.
- I-4-38:** A long, thin, rectangular component, possibly a hinge or lever.
- I-4-39:** A small circular component, possibly a pin or washer.
- I-4-40:** A long, thin, rectangular component, possibly a hinge or lever.

Note

SPOOL



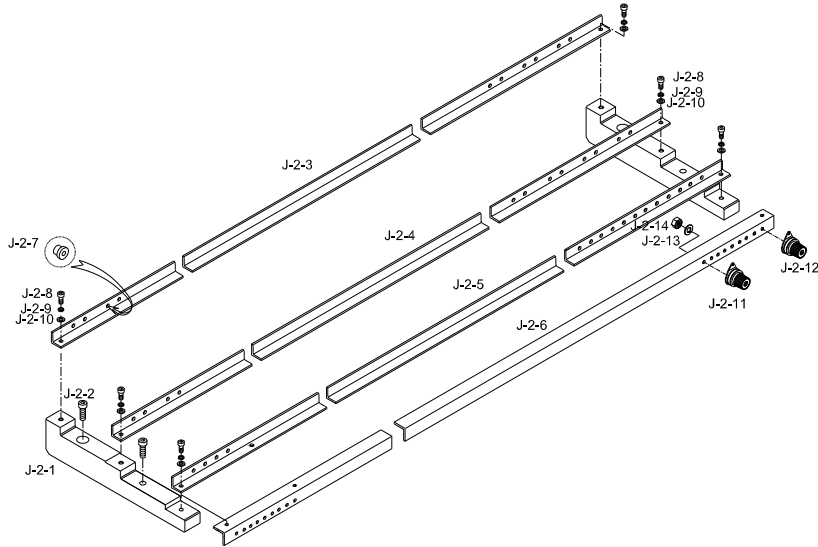
J-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-1-1	12001AD-UK02	Spool Plate (L=950) (UK1202)				1	
	12001AD-UK12	Spool Plate (L=1080) (UK1502)				1	
	11000102UK00	Spool Plate(L=2080) (UK604)				1	
	GP-054455-00	Spool Plate(L=2080) (UK1204)				1	
	11001AD-UK14	Spool Plate(L=2080) (UK1504)				1	
	05100102UK00	Spool Plate (L=3020) (UK606)				1	
	05100103UK00	Spool Plate (L=2950) (UK906)				1	
	12001AD-UK06	Spool Plate (L=2950) (UK1206)				1	
	12001AD-UK16	Spool Plate (L=2950) (UK1506)				1	
	05100104UH00	Spool Plate L=2480 (UH1206C)				1	
	05100105UH00	Spool Plate L=2480 (UH1506C)				1	
	05100104UH08	SPOOL PLATE L=3280 (UH1208)				1	
	05100105UH80	SPOOL PLATE L=3280 (UH1508)				1	
J-1-2	02002SC-7119	Plus Screw (M4*L8)			○	8	
J-1-3	11005CW-UK01	Spool Plate Fixing Bolt M6*L21			○	8	
	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	8	
J-1-5	18048SW-3115	Spring Washer (@5)			○	8	
J-1-6	18049SW-3111	Washer (@5)			○	8	
J-1-7	11006PR-UK01	Spool Plate Base				4	
J-1-8	12012PM-A001	Spool Holder				48	
J-1-9	12052SF-A001	Spool Sponge				48	
J-1-10	GP-054029-00	Spool Post				48	
J-1-11	18049SW-3111	Washer (@5)			○	48	
J-1-12	18048SW-3115	Spring Washer (@5)			○	48	
J-1-13	12010SN-1211	Hex.Nut (M5)				48	
J-1-14	12033RB-UK01	Cushion Rubber				1	
J-1-15	12014SC-A001	Spool Stand Bolt				5	
J-1-16	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	10	
J-1-17	12015SF-A001	Spool Stand (L=330) (6,12C)				5	
	01001500T000	Spool Stand (L=380) (15C)					
J-1-18	01001504U000	Spool Stand L=345 (UK604) (UK1204)				4	
	01001505U000	Spool Stand L=395 (UK1204) (UK1504)					
	01001504U000	Spool Stand L=345 (UH1206C) (UH1506C)					
	01001505U000	Spool Stand L=395 (UH1506C)					
J-1-19	10000100A000	Thread Guide L=200				8	
J-1-20	AS-001333-00	Spool Plate Assy	Oct,08,04 ~	X		1	

J-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-2-1	10600100H000	Thread Angle Frame				5	
J-2-2	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	5	
J-2-3	12019AD-UK02	Angle "A" L=890 (UK1202)				1	
	12019AD-UK12	Angle "A" L=1020 (UK1502)				1	
	05200304UK24	Angle "A" L=2020 (UK604)				1	
	GP-054451-00	Angle "A" L=2020 (UK1204)				1	
	11022AD-UK14	Angle "A" L=2020 (UK1504)				1	
	05200102UK00	Angle (A) L=3020 (UK606)				1	
	05200103UK00	Angle (A) L=3020 (UK906)				1	
	12019AD-UK06	Angle (A) L=3020 (UK1206)				1	
	12019AD-UK16	Angle (A) L=3020 (UK1506)				1	
	05200104UH00	Angle "A" L=2420 (UH1206C)				1	
	05200105UH00	Angle "A" L=2420 (UH1506C)				1	
	05200104UH08	Angle "A" L=3220 (UH1208)				1	
	05200105UH80	Angle "A" L=3220 (UH1508)				1	
J-2-4	12020AD-UK02	Angle "B" L=890 (UK1202)				1	
	12020AD-UK12	Angle "B" L=1020 (UK1502)				1	
	05200404UK24	Angle "B" L=2020 (UK604)				1	
	GP-054452-00	Angle "B" L=2020 (UK1204)				1	
	11023AD-UK14	Angle "B" L=2020 (UK1504)				1	
	05200202UK00	Angle (B) L=3020 (UK606)				1	
	05200203UK00	Angle (B) L=3020 (UK906)				1	
	12020AD-UK06	Angle (B) L=3020 (UK1206)				1	
	12020AD-UK16	Angle (B) L=3020 (UK1506)				1	
	05200204UH00	Angle "B" L=2420 (UH1206C)				1	
	05200205UH00	Angle "B" L=2420 (UH1506C)				1	
	05200204UH08	Angle "B" L=3220 (UH1208)				1	
	05200205UH80	Angle "B" L=3220 (UH1508)				1	
J-2-5	05200104UK20	Angle "C" L=890 (UK1202)				1	
	05200105UK20	Angle "C" L=1020 (UK1502)				1	
	05200104UK24	Angle "C" L=2020 (UK604)				1	
	GP-054453-00	Angle "C" L=2020 (UK1204)				1	
	05200105UK40	Angle "C" L=2020 (UK1504)				1	
	05200104UK60	Angle "C" (L=3020) (UK606)				1	
	05200303UK00	Angle "C" (L=3020) (UK906)				1	
	05200105UK60	Angle "C" (L=3020) (UK1206)				1	
	05200312UK00	Angle "C" (L=3020) (UK1506)				1	

J-2

This exploded view diagram illustrates the assembly of the J-2 system. The components are labeled as follows:

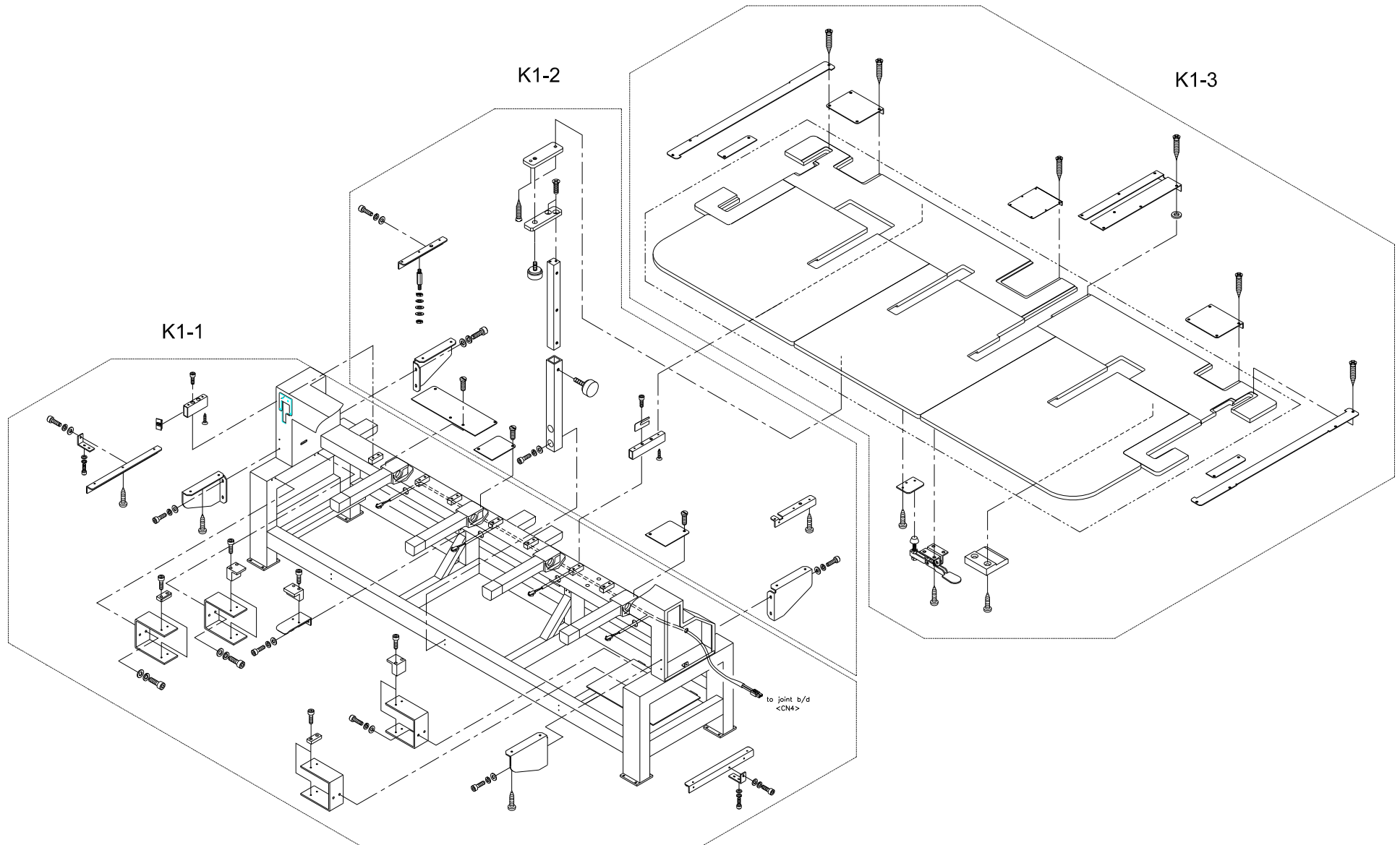
- J-2-1**: The main base plate or frame.
- J-2-2**: A vertical support or bracket.
- J-2-3**: A long horizontal rail or track.
- J-2-4**: A shorter horizontal rail or track.
- J-2-5**: A horizontal rail or track.
- J-2-6**: A horizontal rail or track.
- J-2-7**: A circular component, likely a cap or end plug.
- J-2-8**: A small vertical pin or screw.
- J-2-9**: A small vertical pin or screw.
- J-2-10**: A small vertical pin or screw.
- J-2-11**: A small vertical pin or screw.
- J-2-12**: A small vertical pin or screw.
- J-2-13**: A small vertical pin or screw.
- J-2-14**: A small vertical pin or screw.

The diagram shows the relative positions and orientations of these parts, with dashed lines indicating the assembly path. The components are arranged in a way that suggests they are part of a larger, complex structure.

Note

J

Table (UK1204)



K1

[illegible]

K1-2

Assembly diagram for the K1-2 system, showing the installation of various components onto a base structure. The diagram includes a large 'K1-2' label in the top left corner. Components are labeled with part numbers: K1-2-1 through K1-2-31. The assembly process is shown in a 3D perspective view, with dashed lines indicating the placement of parts. A cable is shown connecting the assembly to a joint labeled 'to joint b/d <CN4>'.

Note

K1

This exploded view diagram illustrates the assembly of the K1-3-10 unit. The main components and their assembly points are labeled as follows:

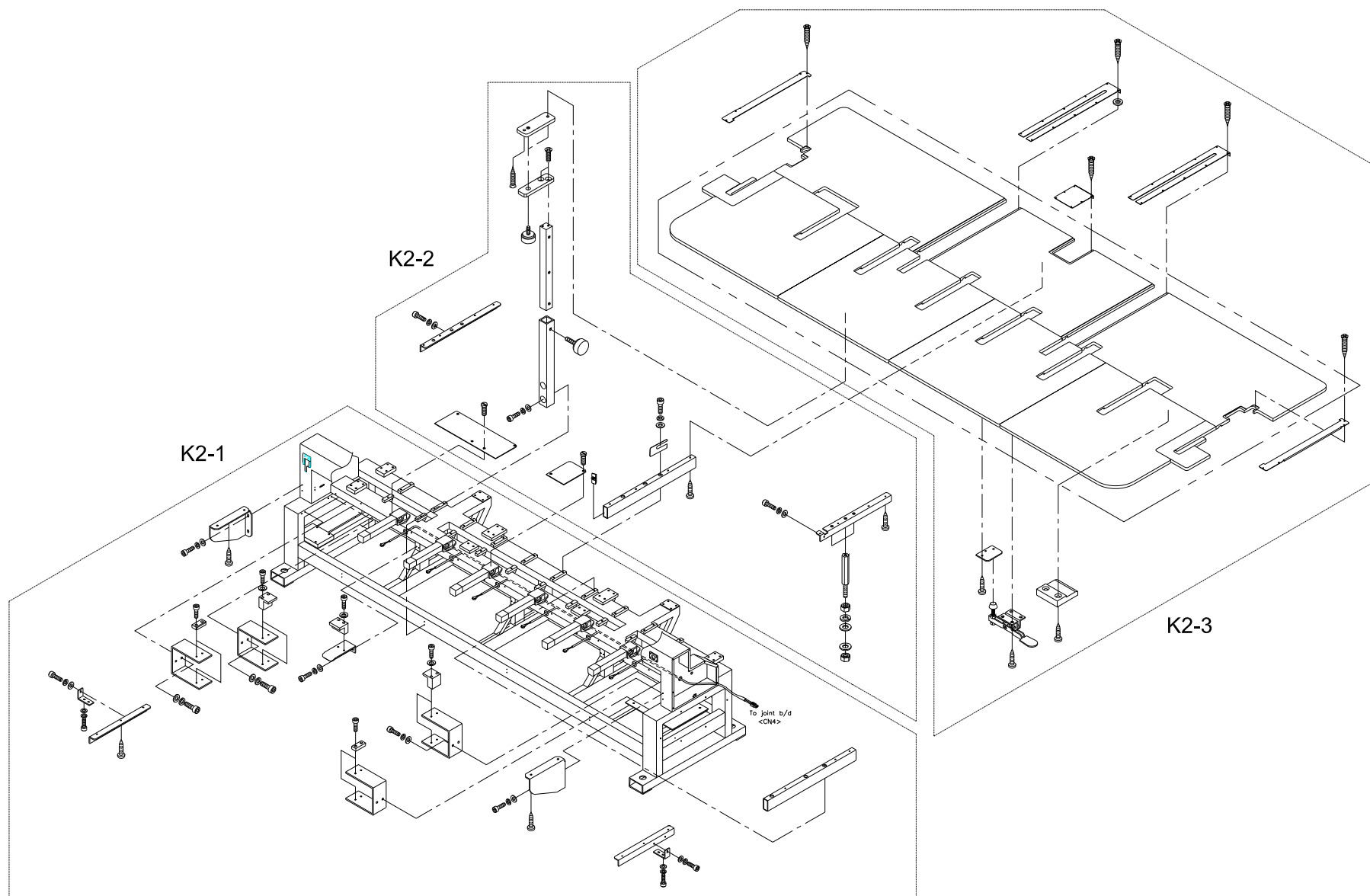
- K1-3-1**: The main rectangular base plate.
- K1-3-2**: A long horizontal support rail.
- K1-3-3**: A curved support rail.
- K1-3-4**: A small rectangular plate.
- K1-3-5**: A long horizontal support rail.
- K1-3-6**: A small rectangular plate.
- K1-3-7**: A small rectangular plate.
- K1-3-8**: A long horizontal support rail.
- K1-3-9**: A long horizontal support rail.
- K1-3-10**: A small rectangular plate.
- K1-3-11**: A screw used for securing various plates and rails.
- K1-3-12**: A small circular component.
- K1-3-13**: A small rectangular plate.
- K1-3-14**: A small rectangular plate.
- K1-3-15**: A small rectangular plate.
- K1-3-16**: A small rectangular plate.
- K1-3-17**: A small rectangular plate.
- K1-3-18**: A small rectangular plate.
- K1-3-19**: A small rectangular plate.

The diagram shows the relative positions and assembly sequence of these components, with dashed lines indicating the alignment and path of the screws (K1-3-11) used to secure them.

Note

K1

Table (UK1206)



K2-1

This diagram illustrates the exploded view of the K2-1 machine frame assembly. The main frame is shown in the center, with various components and sub-assemblies positioned around it, connected by dashed lines indicating their assembly paths. The components are labeled with part numbers:

- Top Left:** K2-1-3, K2-1-4, K2-1-5, K2-1-17, K2-1-6.
- Left Side:** K2-1-1, K2-1-5, K2-1-4, K2-1-3, K2-1-12, K2-1-13, K2-1-11, K2-1-7, K2-1-10, K2-1-9, K2-1-14, K2-1-15, K2-1-5, K2-1-4, K2-1-3, K2-1-8, K2-1-1.
- Bottom Left:** K2-1-10, K2-1-8, K2-1-5, K2-1-4, K2-1-3, K2-1-6.
- Bottom Center:** K2-1-10, K2-1-8, K2-1-5, K2-1-4, K2-1-3, K2-1-6.
- Bottom Right:** K2-1-10, K2-1-8, K2-1-5, K2-1-4, K2-1-3, K2-1-6.
- Right Side:** K2-1-18, K2-1-19, K2-1-17, K2-1-5, K2-1-4, K2-1-3.

Assembly instructions are provided for the right side of the frame:

- For the joint b/d <CN4>: K2-1-19, K2-1-17, K2-1-5, K2-1-4, K2-1-3.
- For the joint b/d <CN4>: K2-1-19, K2-1-17, K2-1-5, K2-1-4, K2-1-3.

Note

K2

K2-2

Exploded view diagram of the K2-2 assembly, showing various components and their assembly sequence. The diagram includes a main assembly view at the bottom and a detailed exploded view of the upper structure. Components are labeled with part numbers: K2-2-1 through K2-2-31. The exploded view shows a vertical assembly of plates and brackets, with a horizontal beam assembly to the right. The main assembly view shows the lower structure with various components already installed.

Key components and assembly points shown:

- Vertical Assembly (Left):**
 - K2-2-21, K2-2-23, K2-2-24, K2-2-22, K2-2-28, K2-2-25, K2-2-27, K2-2-26, K2-2-3, K2-2-2, K2-2-31, K2-2-30, K2-2-29, K2-2-1, K2-2-5.
- Horizontal Beam Assembly (Right):**
 - K2-2-8, K2-2-9, K2-2-10, K2-2-7, K2-2-4, K2-2-6, K2-2-18, K2-2-19, K2-2-20, K2-2-11, K2-2-6, K2-2-13, K2-2-14, K2-2-15, K2-2-16, K2-2-17, K2-2-14.
- Main Assembly View (Bottom):**
 - To joint b/d <CN4>

Note

[illegible]

101

K2-3

This exploded view diagram illustrates the assembly of the K2-3 kitchen unit. The main components are labeled as follows:

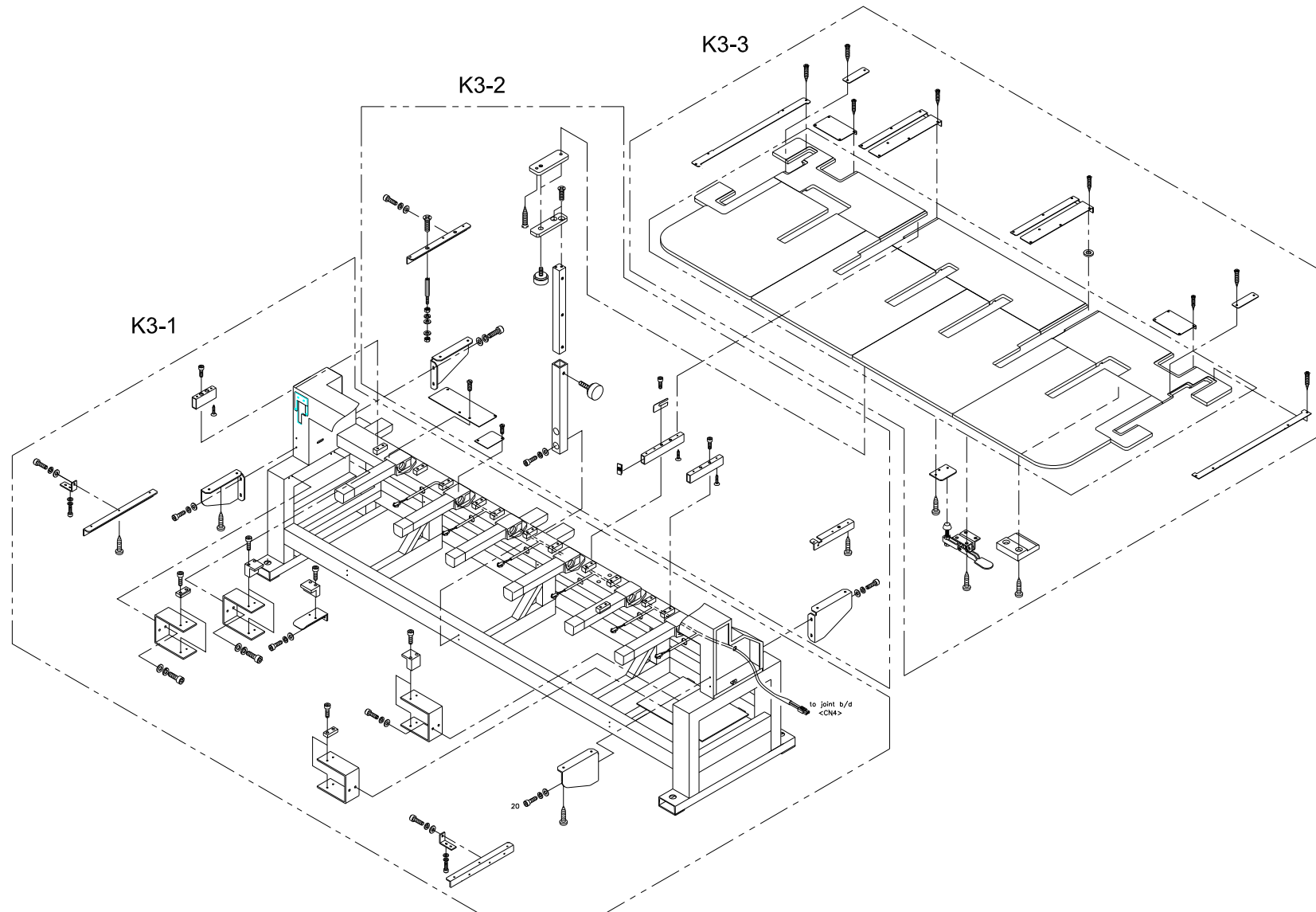
- K2-3-1**: Main cabinet body.
- K2-3-2**: Internal divider panel.
- K2-3-3**: Lower cabinet panel.
- K2-3-4**: Upper cabinet panel.
- K2-3-5**: Top panel.
- K2-3-6**: Side panel.
- K2-3-7**: Back panel.
- K2-3-8**: Top left corner bracket.
- K2-3-9**: Top right corner bracket.
- K2-3-10**: Top center bracket.
- K2-3-11**: Top left side panel.
- K2-3-12**: Top right side panel.
- K2-3-13**: Top center side panel.
- K2-3-14**: Top center side panel (right side).
- K2-3-15**: Screws for top panels.
- K2-3-16**: Lower cabinet panel bracket.
- K2-3-17**: Lower cabinet panel bracket (right side).
- K2-3-18**: Lower cabinet panel bracket (left side).
- K2-3-19**: Lower cabinet panel bracket (right side).
- K2-3-20**: Lower cabinet panel bracket (left side).

The diagram shows the relative positions and assembly order of these components, with dashed lines indicating the alignment and path of screws.

Note

K2

Table (UK1506-45)

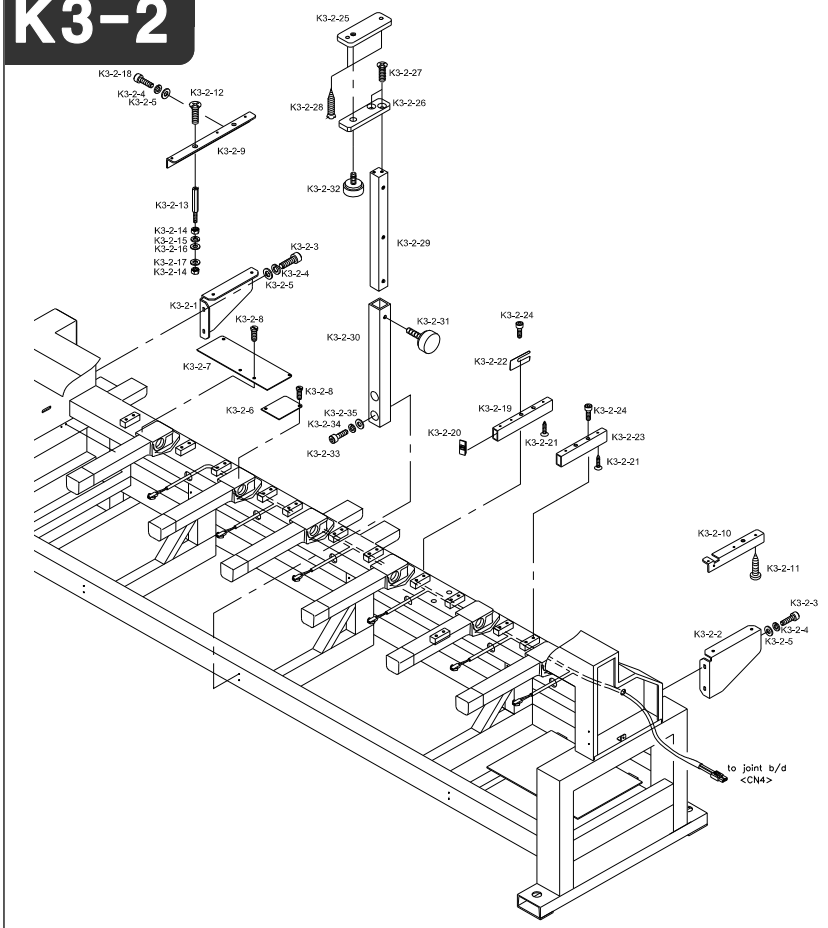


K3-1

Note

K3

K3-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
K3-2-1	16020PR-UK01	Front Table Support (L)				1	
K3-2-2	16025PR-UK01	Front Table Support (R)				1	
K3-2-3	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	21	
K3-2-4	18048SW-3115	Spring Washer (@5)			○	21	
K3-2-5	16018SW-1111	Washer (@5)			○	25	
K3-2-6	16016PR-UK01	Gear Cover				2	
K3-2-7	16018PR-UK01	Mes Cam Driving Box Cover				1	
K3-2-8	02030SC-T121	Bed Cover Screw(9/64" 40)				10	
K3-2-9	05000920UH01	TABLE SUPPORT ANGLE (A)L250				1	
K3-2-10	05001120UH01	TABLE SUPPORT ANGLE (D)L250				1	
K3-2-11	16009SC-8330	Tapping Screw (M6*L20)			○	6	
K3-2-12	04054SC-8119	Plus Screw(M6*L15)			○	1	
K3-2-13	05001600U000	Table Support Stud				4	
K3-2-14	04032SN-A001	Hex. Nut (M8-No2)			○	4	
K3-2-15	15095SW-3115	Spring Washer (@8)			○	2	
K3-2-16	04029SW-A001	Stud Bolt Washer(S) (@8)			○	2	
K3-2-17	04030SW-A001	Stud Bolt Washer(L) (@8)			○	2	
K3-2-18	08062SC-7113	Hex. Socket Bolt (M5*L20)			○	6	
K3-2-19	GP-008797-00	Table Support Angle (C)L197.5	Apr,26,05 ~	X		8	
	GP-008797-01		Aug,11,06 ~	△			
K3-2-20	GP-003757-00	TABLE SUPPORT END CAP	Aug,19,04 ~	X		20	
K3-2-21	16009SC-8330	Tapping Screw (M6*L20)			○	18	
K3-2-22	05001700U000	Table Support Plate				46	
K3-2-23	05001100UK40	Table Support Angle (B) L160				1	
K3-2-24	14002SC-7113	Hex.Socket Bolt (M6*L15)			○	18	
K3-2-25	16061PR-UK01	Table Support Plate (A)				4	
K3-2-26	16058AD-UK01	Table Support Plate (B)				4	
K3-2-27	08101SC-8329	Tapping Screw (M3*L16)			○	20	
K3-2-28	15089SC-7119	C.S Screw (M4*L12)				8	
K3-2-29	05001300U000	Table Support L=263				4	
K3-2-30	GP-008798-00	Table Support Guide	Apr,26,05 ~	X		4	
K3-2-31	17062SC-UK01	Table Support Stopper Screw				2	
K3-2-32	17063SC-UK01	Table Support Stopper Screw				2	
K3-2-33	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	24	
K3-2-34	02028SW-9115	Spring Washer (@4)			○	8	
K3-2-35	05009SW-1111	Washer (@4-L)				8	

K3

K3-3

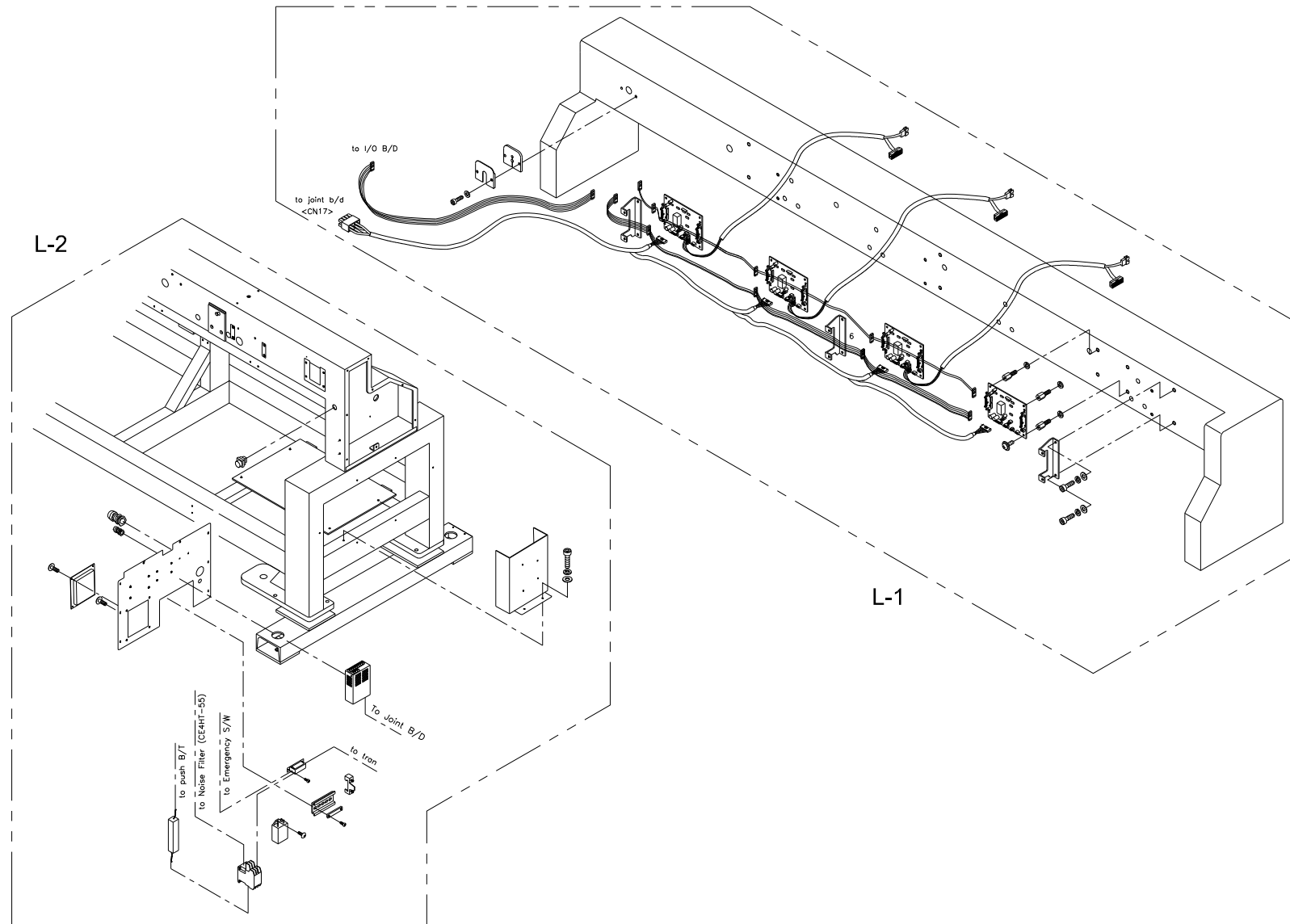
This exploded view diagram illustrates the assembly of the K3-3 kitchen cabinet. The components are labeled with part numbers and arrows indicating their assembly sequence:

- K3-3-1**: Main cabinet body panel.
- K3-3-2**: Bottom panel.
- K3-3-3**: Middle panel.
- K3-3-4**: Right side panel.
- K3-3-5**: Top panel.
- K3-3-6**: Right side panel (inner).
- K3-3-7**: Top panel (inner).
- K3-3-8**: Right side panel (inner).
- K3-3-9**: Middle panel (inner).
- K3-3-10**: Top panel (inner).
- K3-3-11**: Right side panel (inner).
- K3-3-12**: Right side panel (inner).
- K3-3-13**: Middle panel (inner).
- K3-3-14**: Top panel (inner).
- K3-3-15**: Right side panel (inner).
- K3-3-16**: Right side panel (inner).
- K3-3-17**: Right side panel (inner).
- K3-3-18**: Right side panel (inner).
- K3-3-19**: Bottom panel (inner).
- K3-3-20**: Bottom panel (inner).
- K3-3-21**: Bottom panel (inner).
- K3-3-22**: Bottom panel (inner).
- K3-3-23**: Bottom panel (inner).

Note

K3

Cable



Note



L-2

This diagram illustrates the assembly of the L-2 unit. The main components shown are:

- L-2-1**: The main chassis or housing.
- L-2-2**: A small component, possibly a connector or plug.
- L-2-3**: A component with multiple pins, likely a connector or interface board.
- L-2-4**: A component with multiple pins, likely a connector or interface board.
- L-2-5**: A component with multiple pins, likely a connector or interface board.
- L-2-6**: A component with multiple pins, likely a connector or interface board.
- L-2-7**: A component with multiple pins, likely a connector or interface board.
- L-2-8**: A component with multiple pins, likely a connector or interface board.
- L-2-9**: A component with multiple pins, likely a connector or interface board.
- L-2-10**: A component with multiple pins, likely a connector or interface board.
- L-2-11**: A component with multiple pins, likely a connector or interface board.
- L-2-12**: A component with multiple pins, likely a connector or interface board.
- L-2-13**: A component with multiple pins, likely a connector or interface board.
- L-2-14**: A component with multiple pins, likely a connector or interface board.
- L-2-15**: A component with multiple pins, likely a connector or interface board.
- L-2-16**: A component with multiple pins, likely a connector or interface board.
- L-2-17**: A component with multiple pins, likely a connector or interface board.

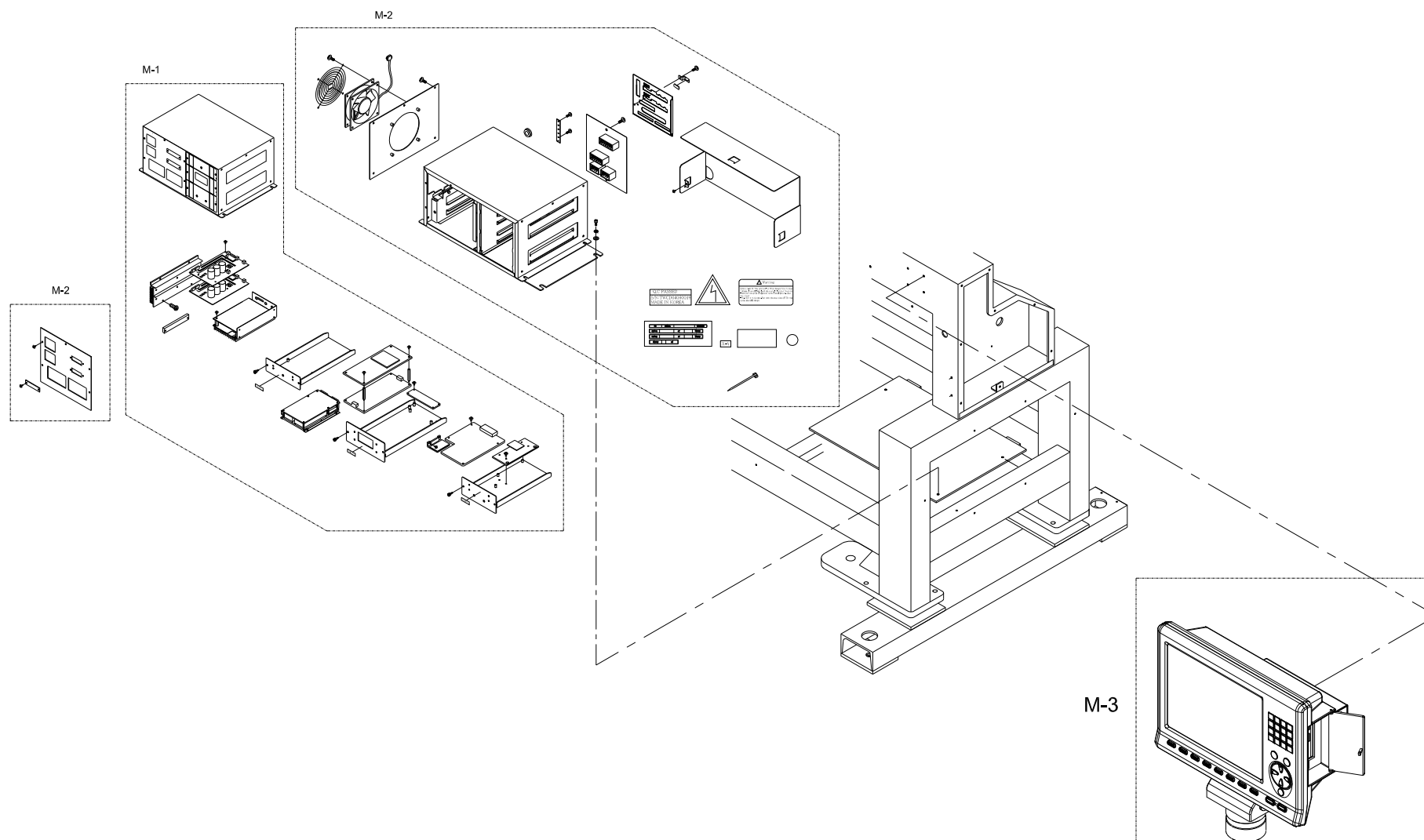
Connections are indicated by dashed lines and labels:

- L-2-11** to **L-2-12**
- L-2-12** to **L-2-13**
- L-2-13** to **L-2-14**
- L-2-14** to **L-2-15**
- L-2-15** to **L-2-16**
- L-2-16** to **L-2-17**
- L-2-17** to **L-2-18**
- L-2-18** to **L-2-19**
- L-2-19** to **L-2-20**
- L-2-20** to **L-2-21**
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- L-2-33** to **L-2-34**
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- L-2-94** to **L-2-95**
- L-2-95** to **L-2-96**
- L-2-96** to **L-2-97**
- L-2-97** to **L-2-98**
- L-2-98** to **L-2-99**
- L-2-99** to **L-2-100**

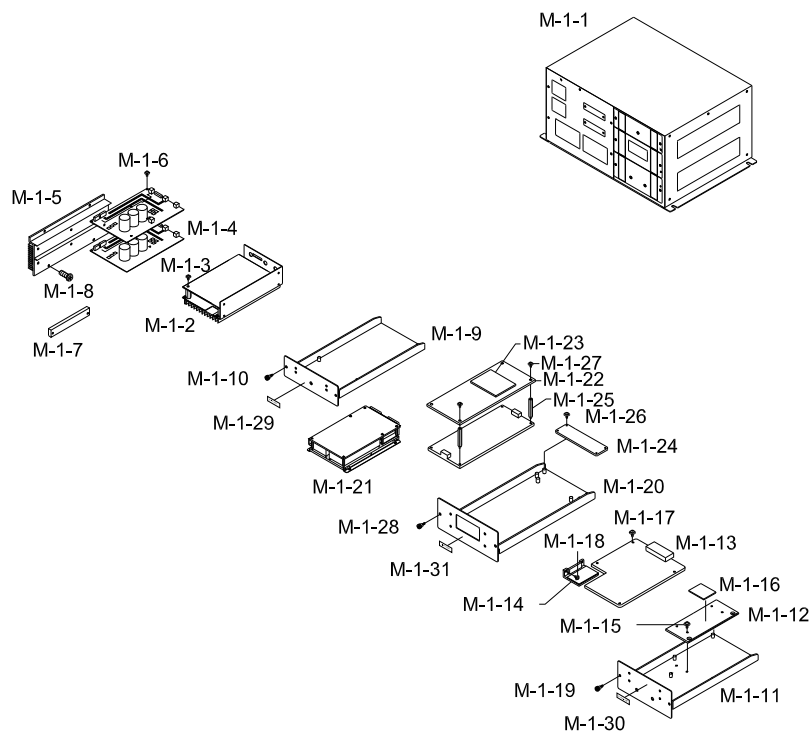
Note



CON Box & OP Box



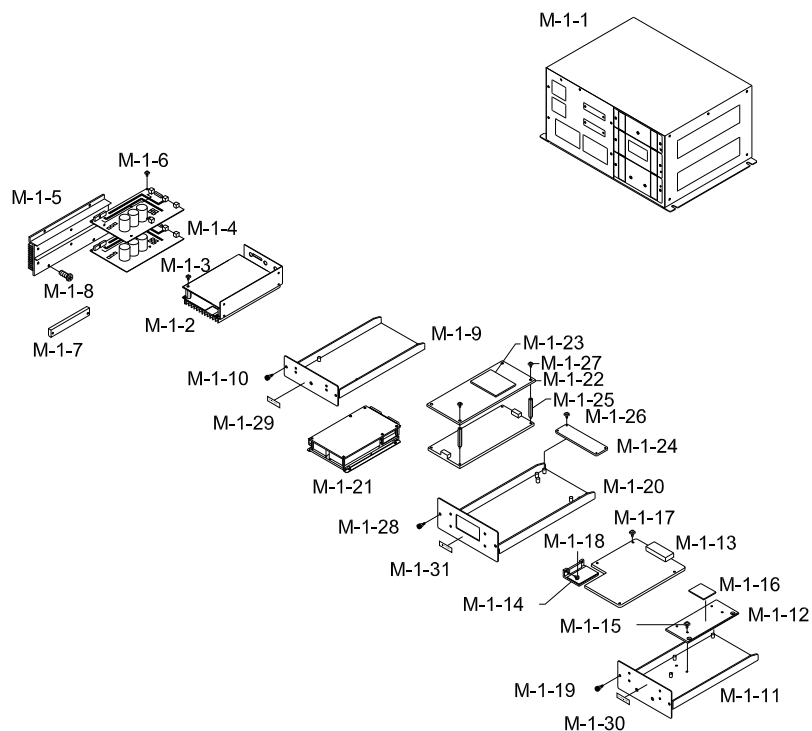
M-1



Note

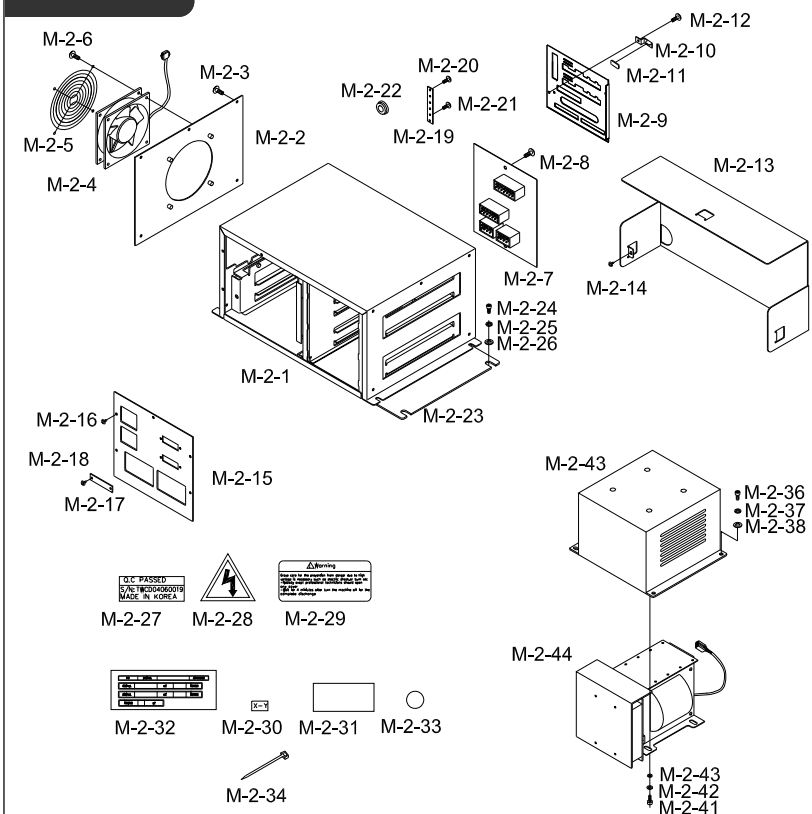
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
M-1-1	SWF-00000731	Control Box Assy(110V/3.5A)				1	
	SWF-00000732	Control Box Assy(220V/3.5A)					
M-1-2	BD-000311-00	Main Drive (ASSY)(220V)//BD-000312-00(110V)	Des,06,05 ~	X		1	
	BD-000311-01		Feb,24,06 ~	△			
	BD-000311-02		May,09,06 ~	△			
	BD-000311-03		Nov,30,06 ~	△			
	BD-000311-04		Des,20,06 ~	△			
	BD-000311-05		Aug,20,07 ~	△			
	BD-000311-06		Mar,11,08 ~	△			
	BD-000311-07		Apr,14,10 ~	△			
	BD-000311-08		Apr,20,11 ~	△			
	BD-000311-09		Nov,16,11 ~	△			
	BD-000311-10		Dec,01,11 ~	△			
M-1-3	07-004S-SM5S	Main Drive Assy Screw (set) (M4xL10)			○	2	
M-1-4	BD-000044-00	X-Y Driver Board(220V)//BD-000146-00(110V)	Jun,24,04 ~	X		2	
	BD-000044-01		Jul,25,06 ~	△			
	BD-000044-02		Aug,31,06 ~	△			
	BD-000044-03		Mar,15,07 ~	△			
	BD-000044-04		Jun,18,09 ~	△			
	BD-000044-05		Nov,09,09 ~				
	BD-000044-06		May,17,10 ~				
	BD-000044-07		Dec,21,10 ~				
	BD-000044-08		Jun,09,11 ~				
M-1-5	GP-015921-00	Driver Radiator	Feb,28,06 ~	X		1	
M-1-6	05008AF-4113	X-Y Driver Board Screw (set) (M4xL16)			○	6	
M-1-7	05-002S-SW70	PCB Guide (TRCG-3300)				4	
M-1-8	07-004S-SM5S	Driver Radiator Screw(set) (M4xL10)			○	4	
M-1-9	GP-016008-00	IO MC Bracket	Mar,02,06 ~	X		1	
	GP-016008-01		Jun,19,06 ~	△			
M-1-10	SC-000406-00	IO MC Bracket Screw(캠터브)	Aug,18,05 ~	X		2	
M-1-11	GP-016007-00	DDC Bracket	Mar,02,06 ~	X		1	
	GP-016007-01		Jun,19,06 ~	△			
M-1-12	GP-017703-00	DDC Radiator	May,15,06 ~	X		1	
	GP-017703-01		Jun,19,06 ~	△			
M-1-13	BD-000803-00	DDC Board	Oct,06,08 ~	X		1	
	BD-000803-01		Apr,14,10 ~	△			

M-1

[illegible]

M

M-2



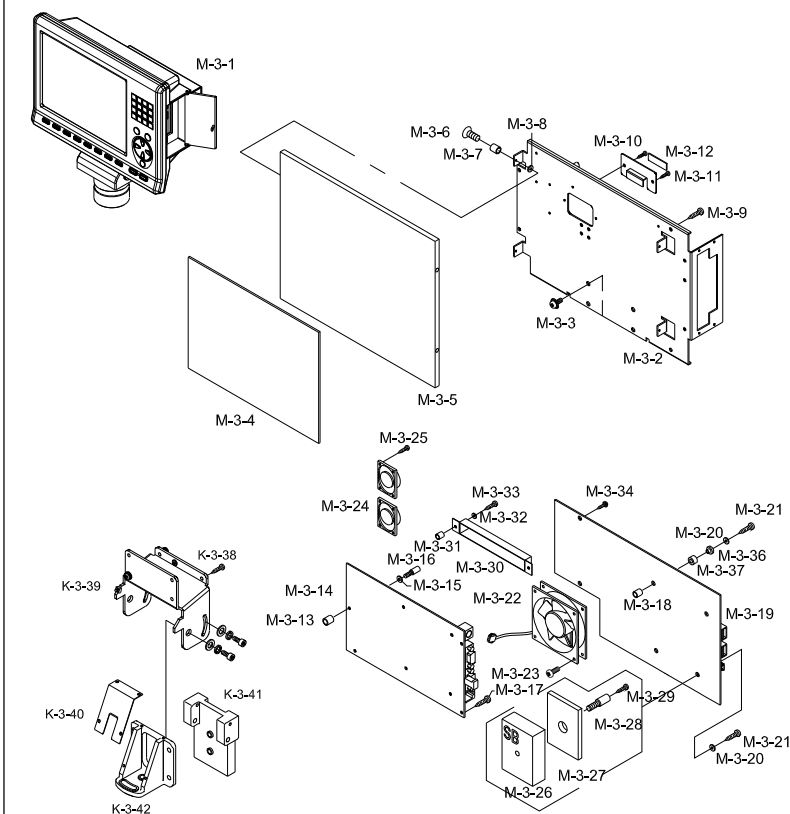
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
M-2-1	GP-016016-00	Control Box	Mar,02,06 ~	X		1	
	GP-016016-01		Jun,23,06 ~	△			
	GP-016016-02		Sep,01,06 ~	△			
	GP-016016-03		Feb,02,07 ~	△			
	GP-016016-04		May,11,07 ~	△			
M-2-2	GP-016015-00	Side Cover	Mar,02,06 ~	X		1	
M-2-3	10-003M-PT01	Side Cover Screw (M4xL8)			○	5	
M-2-4	01-002A-AT01	COOLING FAN				1	
M-2-5	01-002B-AU12	FAN Cover				1	
M-2-6	01-002M-AU12	FAN Screw (M4xL35)			○	4	
M-2-7	BD-000389-00	Back plane Board	Feb,24,06 ~	X		1	
	BD-000389-01		Jul,12,06 ~	△			
	BD-000389-02		Sep,18,08 ~	△			
	BD-000389-03		Des,01,08 ~	△			
M-2-8	07-004S-SM5S	Back plane Board Screw (Set) (M4xL10)			○	1	
M-2-9	GP-016012-00	Connector PCB Cover		X		1	
	GP-016012-01			△			
	GP-016012-02			△			
	GP-016012-03			△			
M-2-10	GP-029667-00	Encoder Fixed Bracket	Apr,30,07 ~	X		1	
M-2-11	GP-030369-00	Sponge	May,15,07 ~	X		1	
M-2-12	07-004S-SM5S	Connector PCB Cover Screw (set)				4	
M-2-13	GP-016014,00	Harness Cover	Mar,02,06 ~	X		1	
M-2-14	07-004S-SM5S	Harness Cover Screw (set)				3	
M-2-15	GP-016011-00	Front Cover (L)	Mar,02,06 ~	X		1	
M-2-16	10-003M-PT01	Front Cover(L) Screw (M4xL8)			○	5	
M-2-17	02-001B-SW67	Switch Cover				2	
M-2-18	13054SC-3123	Switch Cover Screw (set) (M3xL8)			○	4	
M-2-19	10-005A-DU33	Earth Plate				1	
M-2-20	07-004S-SM5S	Earth Plate Screw(set) (M4xL10)			○	2	
M-2-21	01-037S-2070	Earth Screw (M4xL8)			○	4	
M-2-22	09-025R-SC53	Rubber Din Cap				1	
M-2-23	GP-017171,00	Rubber	Apr,17,06 ~	X		2	
M-2-24	18047SC-7113	Control Box Screw (M5xL15)			○	8	
M-2-25	16019SW-4115	Control Box Spring Washer				8	
M-2-26	16018SW-1111	Control Box Washer				8	
M-2-27	09-023C-SC53	QC Passed Sticker				1	
M-2-28	04-003S-AU10	Warning Sticker				1	

Note



M-3

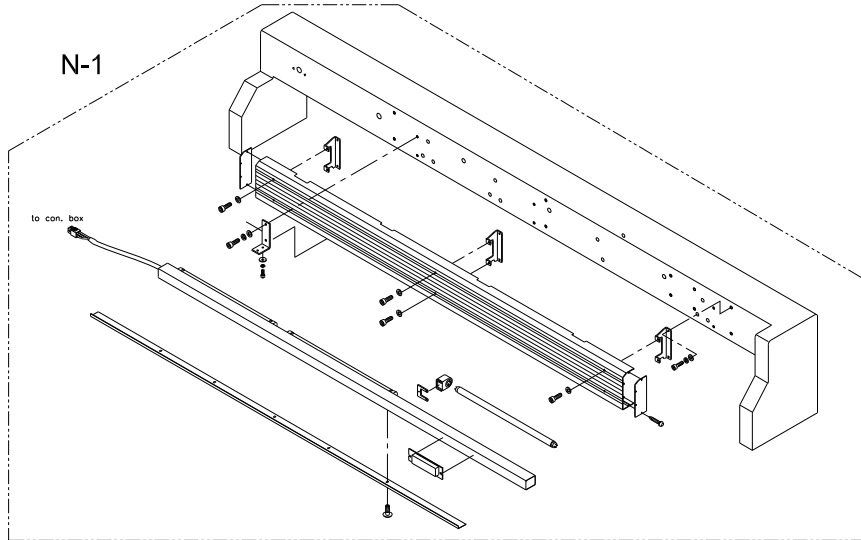


Note

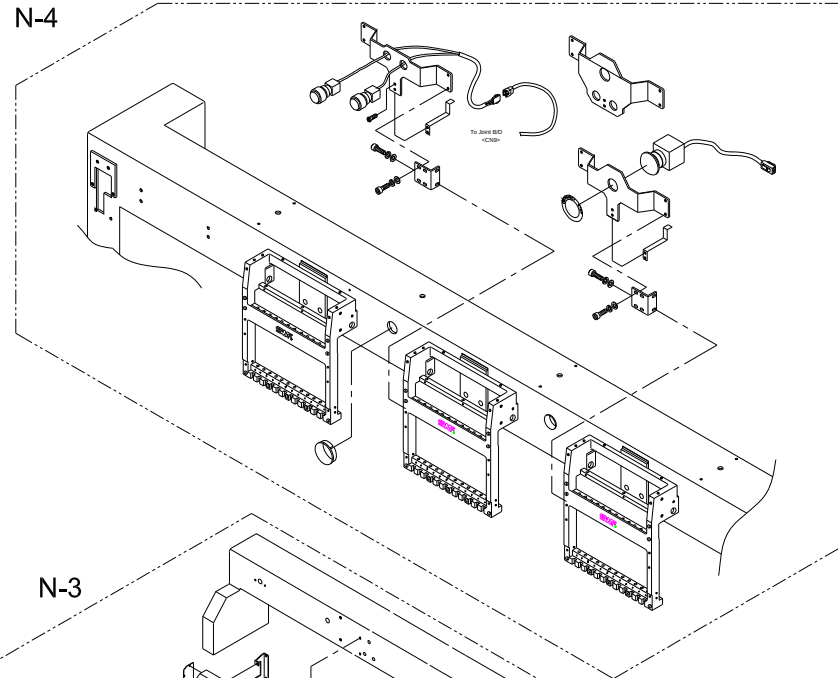
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
M-3-1	SWF-00000734	Operation Box Ass'y		X		1	
M-3-2	GP-014345-03	Base Plate				1	
	07-004S-SM5S	Screw for Fixing Bracket for				4	
M-3-4	GP-014350-03	LCD Cover				1	
M-3-5	20-006A-SW70	LCD				1	
M-3-6	SC-000629-00	Screw for LCD (M2xL8)				4	
M-3-7	GP-019021-00	Insulation Bush(A)				4	
	GP-019022-00	Insulation Bush(B)				4	
M-3-9	SC-000460-00	Screw for Base Plate				4	
M-3-10	01-002B-OT10	Pressing Plate for LCD				1	
M-3-11	20-002B-SW70	Connecting Pressing Plate				2	
M-3-12	10-028S-SC53	Screw for Pressing Plate				2	
M-3-13	GP-014361-00	Insulation Bush(A)				6	
M-3-14	BD-000806-04	CPU Board				1	
M-3-15	GP-014362-00	Insulation Bush(B)				6	
M-3-16	GP-014341-03	CPU Board Fixing Stud				4	
M-3-17	07-005S-SM5S	CPU Board Screw (SET)				2	
M-3-18	GP-014361-00	Insulation Bush(A)				6	
M-3-19	BD-000364-22	IO Board				1	
M-3-20	GP-014362-00	Insulation Bush(B) (Polyacetal)				13	
M-3-21	07-005S-SM5S	IO Board Fixing Screw (SET)				4	
M-3-22	EP-000030-00	FAN				1	
M-3-23	SC-000392-00	FAN Fixing Screw				3	
M-3-23	GP-043287-00	Speaker				2	
M-3-25	10-028S-SC53	Speaker Fixing Screw				4	
M-3-26	GP-017235-00	SB DDC Radiator				1	
M-3-27	EP-000548-00	SB DDC Radiator Sheet				1	
M-3-28	GP-010656-00	Fixing Stud for SB DDC Radiator				1	
M-3-29	10-028S-SC53	Fixing Screw for SB DDC Radiator(SET)				1	
M-3-30	BD-000916-00	Inverter				1	
M-3-31	10-001C-AT10	Insulation Bush(A)				2	
M-3-32	01-102B-OT10	Insulation Bush(B)				2	
M-3-33	10-028S-SC53	Inverter Fixing Plate				2	
M-3-34	10-002S-SW66	IO Board 접지나사 (SET)				2	
M-3-36	01-102B-OT10	Insulation Bush(B) (Male)				2	
M-3-37	10-001C-AT10	Insulation Bush(C)				2	
M-3-38	10-003M-PT01	Fixing Screw (M4xL8)				2	
M-3-39	GP-014343-00	Fixing Bracket for OP				1	
M-3-40	GP-024895-00	Operation Box Holder Cover				1	
M-3-41	GP-024895-00	Operation Box Holder Cover				1	
M-3-42	GP-024894-00	Hinge Block				1	

LAMP & SWITCH

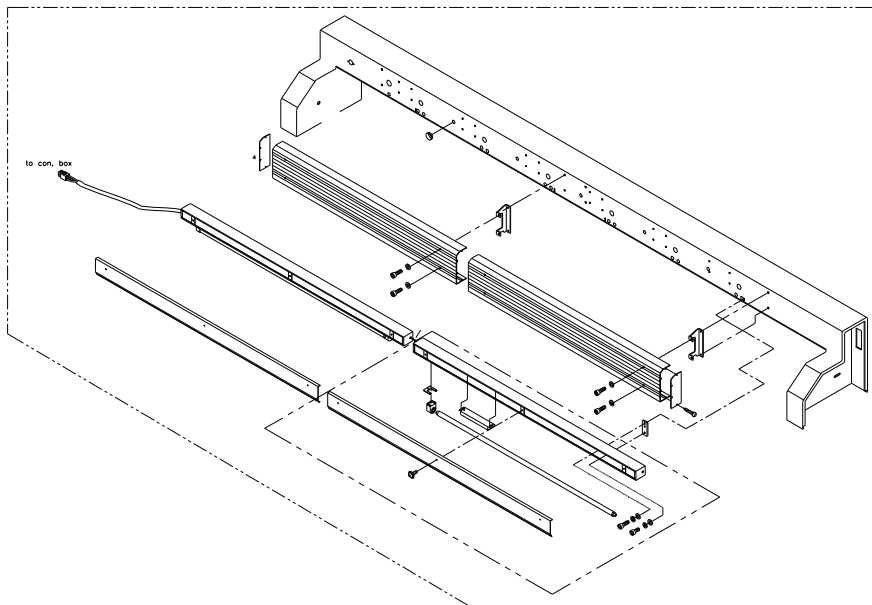
N-1



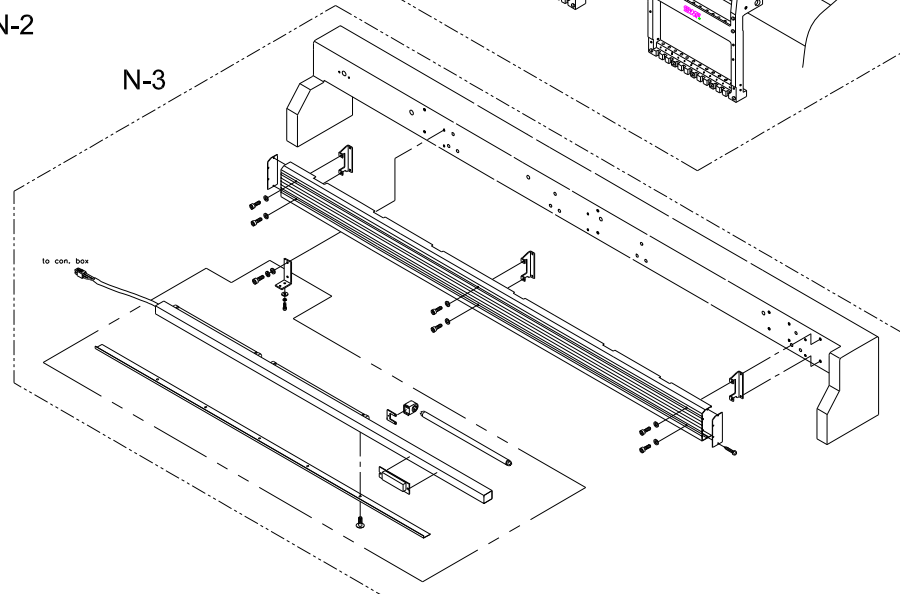
N-4



N-2



N-3



N-1

This exploded view diagram illustrates the assembly of the N-1 cable tray system. The components are labeled with part numbers and their assembly sequence:

- N-1-1**: Main cable tray body.
- N-1-2**: End cap or support bracket.
- N-1-3**: Fasteners or screws.
- N-1-4**: Support bracket or hanger.
- N-1-5**: Fasteners or screws.
- N-1-6**: Fasteners or screws.
- N-1-7**: Fasteners or screws.
- N-1-8**: Fasteners or screws.
- N-1-9**: Fasteners or screws.
- N-1-10**: Fasteners or screws.
- N-1-11**: Fasteners or screws.
- N-1-12**: Fasteners or screws.
- N-1-13**: Support bracket or hanger.
- N-1-14**: Support bracket or hanger.
- N-1-15**: Fasteners or screws.
- N-1-16**: Fasteners or screws.
- N-1-17**: Fasteners or screws.
- N-1-18**: Fasteners or screws.
- N-1-19**: Fasteners or screws.
- N-1-20**: Cable or conduit, labeled "to con. box".

The diagram shows the cable tray being assembled onto a support structure, with various brackets and fasteners used to secure it. Dashed lines indicate the assembly path and the final position of the components.

Note

N

This exploded view diagram illustrates the assembly of the N-2000 series lighting fixture. The components are labeled as follows:

- N-2-1:** Main fixture body.
- N-2-2:** Mounting bracket.
- N-2-3:** Mounting bracket.
- N-2-4:** Mounting bracket.
- N-2-5:** Mounting bracket.
- N-2-6:** Mounting bracket.
- N-2-7:** Mounting bracket.
- N-2-8:** Mounting bracket.
- N-2-9:** Mounting bracket.
- N-2-10:** Mounting bracket.
- N-2-11:** Mounting bracket.
- N-2-12:** Mounting bracket.
- N-2-13:** Mounting bracket.
- N-2-14:** Mounting bracket.
- N-2-15:** Mounting bracket.
- N-2-16:** Mounting bracket.
- N-2-17:** Mounting bracket.
- N-2-18:** Mounting bracket.
- N-2-19:** Mounting bracket.
- N-2-20:** Mounting bracket.
- N-2-21:** Mounting bracket.

The diagram shows the assembly sequence, with components N-2-1 through N-2-19 being installed into the main fixture body (N-2-1). Component N-2-20 is shown being installed into the main fixture body. Component N-2-21 is shown being installed into the main fixture body. The diagram also shows the connection of the main fixture body to the control box (N-2-21).

Note

[illegible]

N-3

This exploded view diagram illustrates the assembly of the N-3 component. The main structure consists of a long horizontal rail (N-3-1) and a base plate (N-3-6). Various sub-components are shown in their relative positions for assembly:

- Top Rail Assembly:** Includes N-3-4 (top bracket), N-3-3 (top rail), N-3-2 (top rail pins), N-3-10 (top rail pins), N-3-11 (top rail bracket), N-3-12 (top rail pins), N-3-13 (top rail pins), N-3-14 (top rail pins), N-3-15 (top rail pins), N-3-16 (top rail pins), N-3-17 (top rail pins), N-3-18 (top rail pins), N-3-19 (top rail pins), N-3-20 (top rail pins), N-3-21 (top rail pins), and N-3-22 (top rail pins).
- Bottom Rail Assembly:** Includes N-3-5 (bottom bracket), N-3-3 (bottom rail), N-3-2 (bottom rail pins), N-3-4 (bottom rail pins), N-3-5 (bottom rail pins), N-3-6 (bottom rail pins), N-3-7 (bottom rail pins), N-3-8 (bottom rail pins), N-3-9 (bottom rail pins), N-3-10 (bottom rail pins), N-3-11 (bottom rail pins), N-3-12 (bottom rail pins), N-3-13 (bottom rail pins), N-3-14 (bottom rail pins), N-3-15 (bottom rail pins), N-3-16 (bottom rail pins), N-3-17 (bottom rail pins), N-3-18 (bottom rail pins), N-3-19 (bottom rail pins), N-3-20 (bottom rail pins), N-3-21 (bottom rail pins), and N-3-22 (bottom rail pins).
- Other Components:** N-3-1 (main rail), N-3-2 (rail pins), N-3-3 (rail pins), N-3-4 (rail pins), N-3-5 (rail pins), N-3-6 (rail pins), N-3-7 (rail pins), N-3-8 (rail pins), N-3-9 (rail pins), N-3-10 (rail pins), N-3-11 (rail pins), N-3-12 (rail pins), N-3-13 (rail pins), N-3-14 (rail pins), N-3-15 (rail pins), N-3-16 (rail pins), N-3-17 (rail pins), N-3-18 (rail pins), N-3-19 (rail pins), N-3-20 (rail pins), N-3-21 (rail pins), and N-3-22 (rail pins).

The diagram uses dashed lines to indicate the alignment and assembly path of the components. A note "to con. box" is present near the top left corner.

Note

N

N-4

This exploded view diagram illustrates the assembly of the N-4 unit. The components are labeled as follows:

- N-4-1**: Main mounting bracket.
- N-4-2**: Mounting plate with a circular cutout.
- N-4-3**: L-shaped mounting bracket.
- N-4-4**: Cable connector.
- N-4-5**: Cable connector.
- N-4-6**: Small mounting plate.
- N-4-7**: Small mounting plate.
- N-4-8**: Mounting plate with a circular cutout.
- N-4-9**: Mounting plate with a circular cutout.
- N-4-10**: Mounting plate with a circular cutout.
- N-4-11**: Mounting plate with a circular cutout.
- N-4-12**: Mounting plate with a circular cutout.
- N-4-13**: Mounting plate with a circular cutout.
- N-4-14**: Mounting plate with a circular cutout.
- N-4-15**: Mounting plate with a circular cutout.
- N-4-16**: Cable connector.
- N-4-17**: Cable connector.

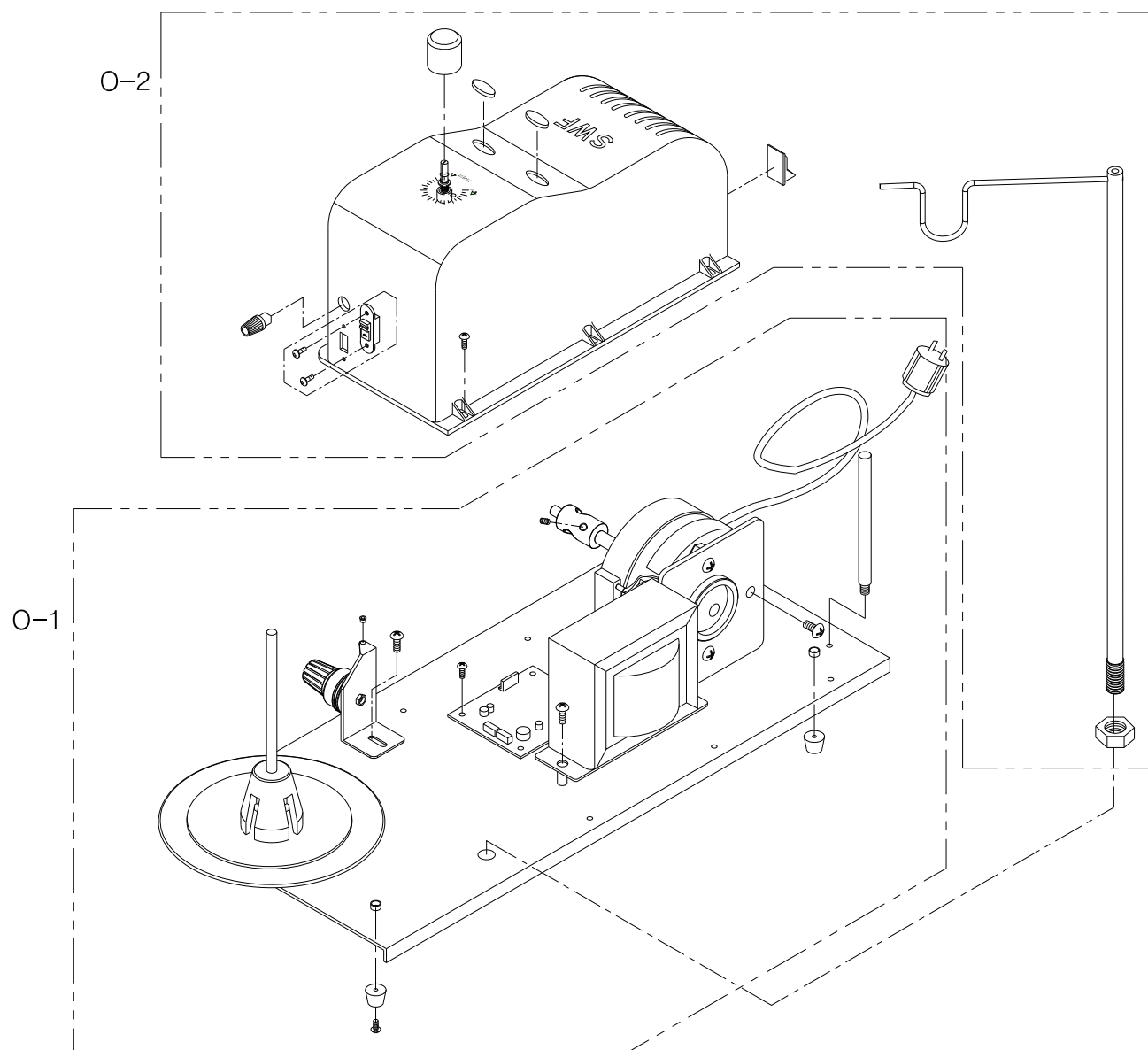
The diagram shows the assembly sequence for the N-4 unit, including the main mounting bracket (N-4-1), the mounting plate (N-4-2), and the cable connectors (N-4-4, N-4-5, N-4-6, N-4-7, N-4-16, N-4-17). The assembly is shown in an exploded view, indicating the relative positions of the components.

To Joint B/D
<CNS>

Note

N

Bobbin Winder



0-1

This diagram illustrates the assembly of a mechanical device, likely a pump or motor, with various components labeled with part numbers. The main assembly is mounted on a base plate (0-1-1). Key components include a motor unit (0-1-6) with a fan (0-1-13) and a pump head (0-1-4). A drive shaft (0-1-2) is connected to the pump head via a coupling (0-1-5). A control valve (0-1-11) is mounted on the side. A cable (0-1-17) is connected to the motor unit. The assembly is secured with various screws (0-1-9, 0-1-10, 0-1-12, 0-1-15, 0-1-16, 0-1-18, 0-1-19) and a nut (0-1-7). A small electronic control unit (0-1-8) is also shown. The diagram is a technical drawing showing the exploded view of the assembly.

Note



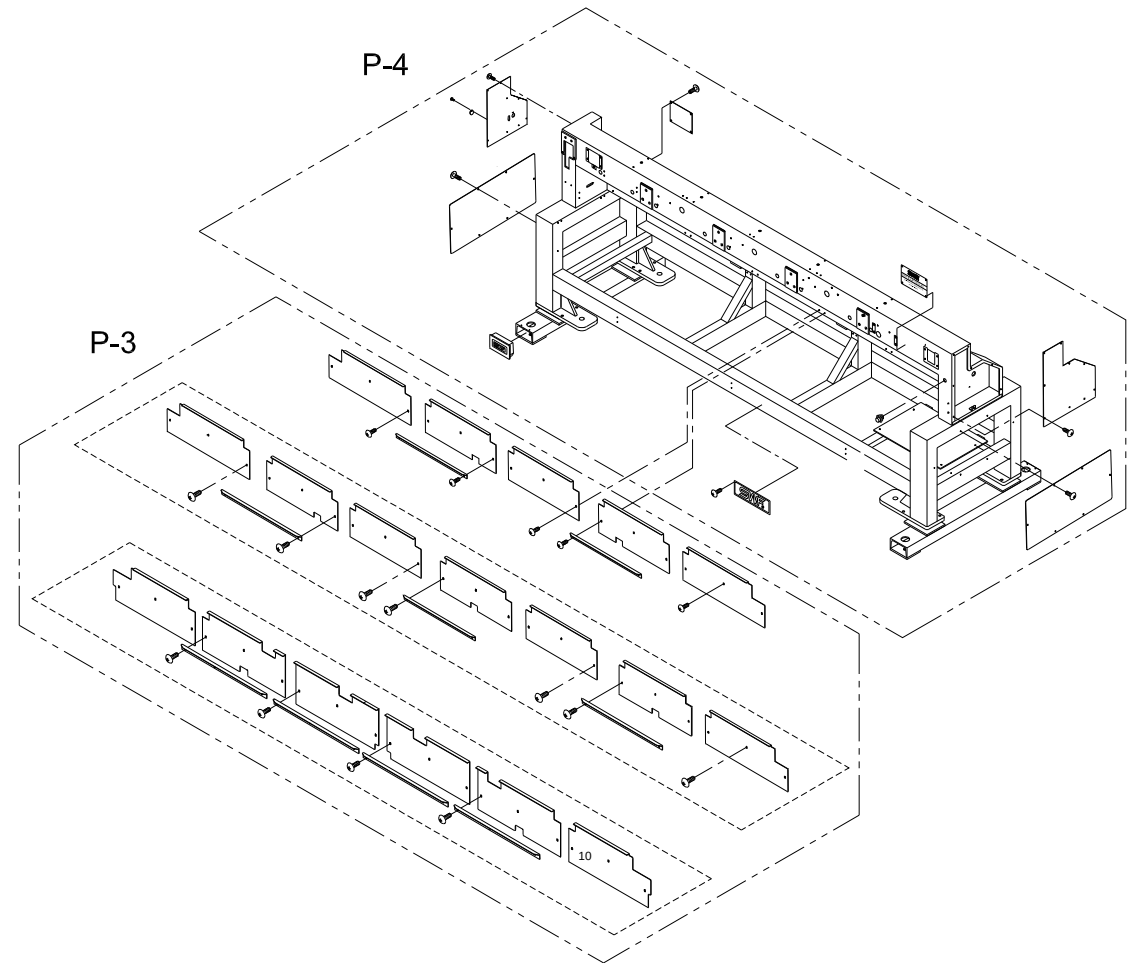
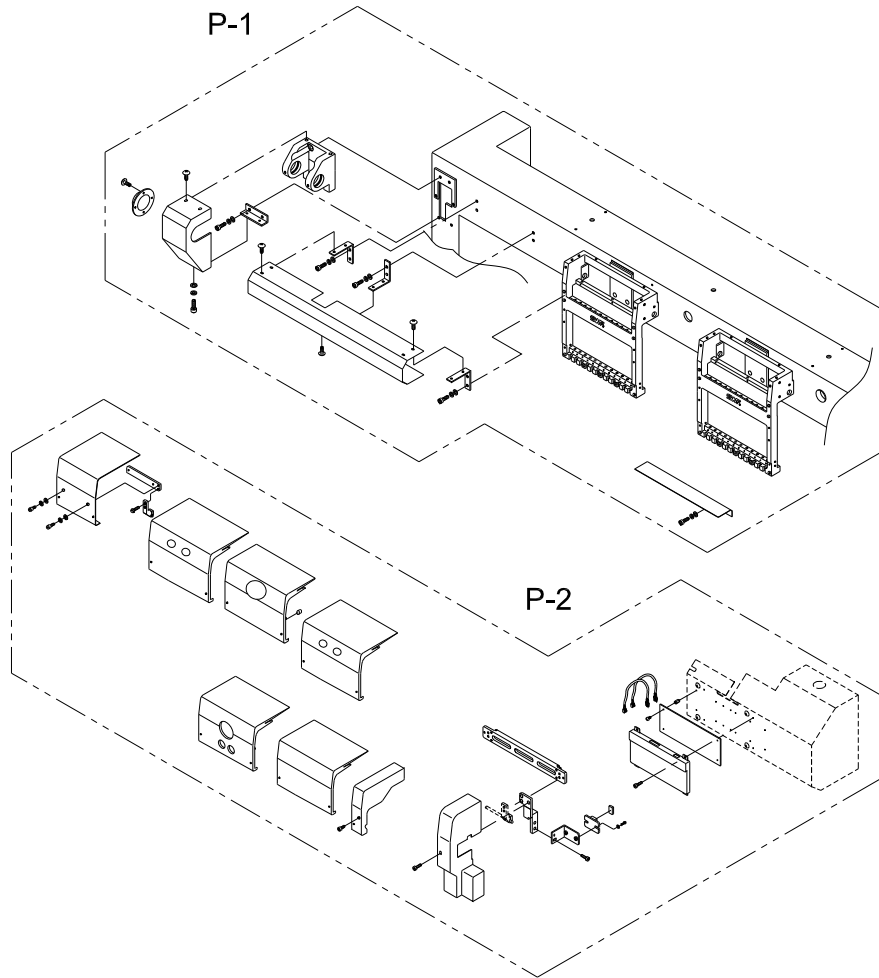
O-2

This diagram illustrates the assembly of a mechanical device, likely a pump or motor, with various components labeled O-2-1 through O-2-11. The main body is a rectangular housing with a curved top and a base. The top surface features a circular opening with a central bolt (O-2-6) and a surrounding flange (O-2-7). A curved duct (O-2-10) is attached to the top. The base is mounted on a long, thin support (O-2-1) with two mounting brackets (O-2-2). A vertical rod (O-2-11) is attached to the side of the housing (O-2-3) and extends downwards, ending in a hex nut. A small, rectangular component (O-2-5) is mounted on the side of the housing, with a bolt (O-2-4) and a nut (O-2-5) securing it. A small, circular component (O-2-8) is located near the top of the housing. A small, rectangular component (O-2-9) is located near the top of the housing. A small, rectangular component (O-2-10) is located near the top of the housing.

Note



COVER



P-1

This exploded view diagram illustrates the assembly of the P-1 unit. The main components shown are:

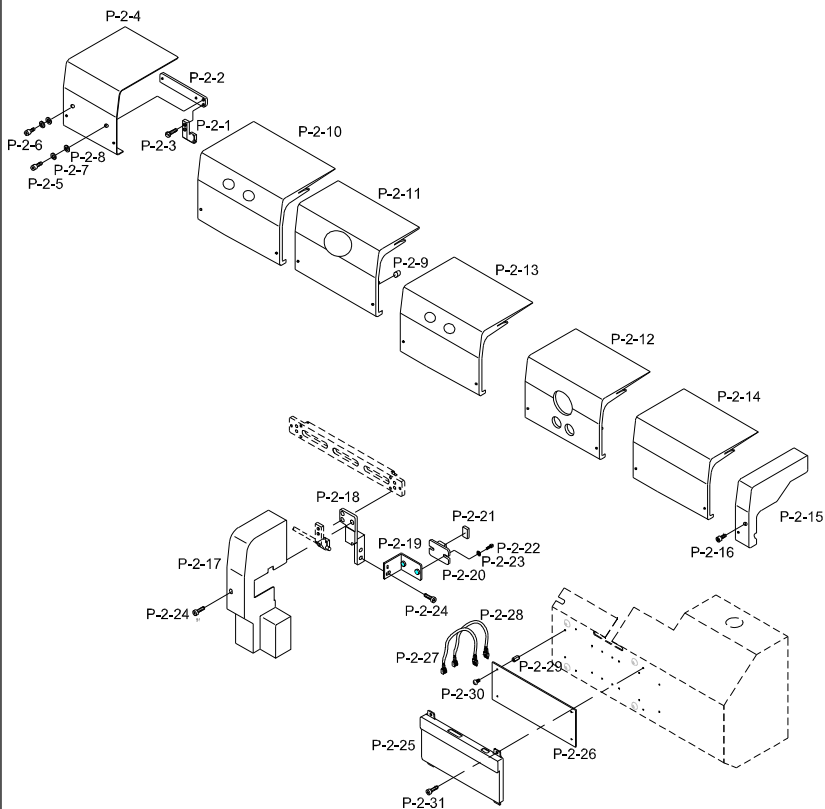
- P-1-1:** A long horizontal base plate.
- P-1-2:** A small screw used to secure the base plate.
- P-1-3:** A small screw used to secure the base plate.
- P-1-4:** A small screw used to secure the base plate.
- P-1-5:** A vertical support plate.
- P-1-6:** A small bracket or plate.
- P-1-7:** A small bracket or plate.
- P-1-8:** A small screw.
- P-1-9:** A small screw.
- P-1-10:** A small screw.
- P-1-11:** A vertical support plate.
- P-1-12:** A small screw.
- P-1-13:** A small screw.
- P-1-14:** A small screw.
- P-1-15:** A small screw.
- P-1-16:** A small screw.
- P-1-17:** A small screw.

The diagram shows the relative positions and assembly sequence of these parts, with dashed lines indicating the alignment and path of assembly.

Note

P

P-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
P-2-1	GP-011945-00	Color Change Bracket "B"	Sep,14,05 ~	X		39	
P-2-2	09000200H000	Top Shaft Cover (L) Bracket				1	
P-2-3	13048SC-A001	Bracket "A" Screw				2	
P-2-4	01001400UK00	Top Shaft Cover (L)				1	
P-2-5	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	1	
P-2-6	02023SC-7113	HEX. SOCKET BOLT (M4*L8)			O	1	
P-2-7	18014SW-3115	SPRING WASHER (@4-NO2)			O	2	
P-2-8	18015SW-3111	WASHER (4@)			O	2	
P-2-9	02023ET-A001	Top Shaft Cover Magnet				6	
P-2-10	09000102UK00	Top Shaft Cover "A" (6C)				1	
	09000103UK00	Top Shaft Cover "A" (9C)				1	
	09000104UK00	Top Shaft Cover "A" (12C)				1	
	02001PM-UK14	Top Shaft Cover "A" (15C)				1	
	09000104UH00	Top Shaft Cover "A" (L191) (UH1206C)				1	
	09000105UH00	Top Shaft Cover "A" (L146) (UH1506C)				1	
P-2-11	09000202UK00	Top Shaft Cover "B" (6C)				2	
	09000203UK00	Top Shaft Cover "B" (9C)				2	
	09000204UK00	Top Shaft Cover "B" (12C)				2	
	02005PM-UK14	Top Shaft Cover "B" (15C)				2	
	09000204UH00	Top Shaft Cover "B" (L191) (UH1206C)				2	
	09000205UH00	Top Shaft Cover "B" (L146) (UH1506C)				2	
	09000205UH00	Top Shaft Cover "B" (UH1508)				2	
	09000104UK20	Top Shaft Cover (L=291) (UK1202)				1	
P-2-13	09000302UK00	Top Shaft Cover "C" (UK606)				2	
	09000303UK00	Top Shaft Cover "C" (UK906)				2	
	09000304UK00	Top Shaft Cover "C" (UK1206)				2	
	02036PM-UK14	Top Shaft Cover Uk1504-45 (UK1506)				2	
	09000304UH00	Top Shaft Cover "C" (L191) (UH1206C)				2	
	09000305UH00	Top Shaft Cover "C" (L146) (UH1506C)				2	
P-2-14	09000305UH00	TOP SHAFT COVER "C" (L146) (UH1508)				2	
P-2-15	AS-001504-00	TOP SHAFT COVER(R)SET	Nov,18,04 ~	X		1	
	AS-001504-01		Apr,04,07 ~	△			
P-2-16	02014SC-7113	Hex. Socket Bolt (M4*L5)			O	1	
P-2-17	AS-015267-00	Upper Shaft Cover (R) Ass'y	Nov,18,08 ~	X		1	
	AS-015267-01		Des,17,08 ~	△			
	AS-015267-02		Des,26,08 ~	△			
	AS-015267-03		Jan,05,09 ~	△			
P-2-18	GP-044170-00	Upper Shaft Cover(R) Bracket	Nov,18,08 ~	X		1	
P-2-19	GP-044171-00	Upper Shaft Cover(R) Bracket	Nov,18,08 ~	X		1	

This exploded view diagram illustrates the assembly of the P-2 system. The components are labeled as follows:

- P-2-4**: Main housing unit.
- P-2-1**: Small rectangular component.
- P-2-2**: Small rectangular component.
- P-2-3**: Small rectangular component.
- P-2-5**: Small rectangular component.
- P-2-6**: Small rectangular component.
- P-2-7**: Small rectangular component.
- P-2-8**: Small rectangular component.
- P-2-10**: Large rectangular component.
- P-2-11**: Large rectangular component.
- P-2-9**: Small rectangular component.
- P-2-13**: Large rectangular component.
- P-2-12**: Large rectangular component.
- P-2-14**: Large rectangular component.
- P-2-15**: Small rectangular component.
- P-2-16**: Small rectangular component.
- P-2-17**: Large rectangular component.
- P-2-18**: Small rectangular component.
- P-2-19**: Small rectangular component.
- P-2-20**: Small rectangular component.
- P-2-21**: Small rectangular component.
- P-2-22**: Small rectangular component.
- P-2-23**: Small rectangular component.
- P-2-24**: Small rectangular component.
- P-2-25**: Small rectangular component.
- P-2-26**: Small rectangular component.
- P-2-27**: Small rectangular component.
- P-2-28**: Small rectangular component.
- P-2-29**: Small rectangular component.
- P-2-30**: Small rectangular component.
- P-2-31**: Small rectangular component.

P

[illegible]

P-3

This exploded view diagram illustrates the assembly of the P-3 system. The components are numbered 1 through 22. The assembly is organized into three main sections, each enclosed in a dashed-line box. The top section contains components 1 through 11, the middle section contains 12 through 16, and the bottom section contains 17 through 22. Arrows indicate the assembly sequence and the placement of each part. Key components include various panels (e.g., 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22), rails (e.g., 6, 7, 8, 16), and fasteners (e.g., 15, 16, 23, 24). The diagram shows how these parts interlock to form a complete assembly.

Note

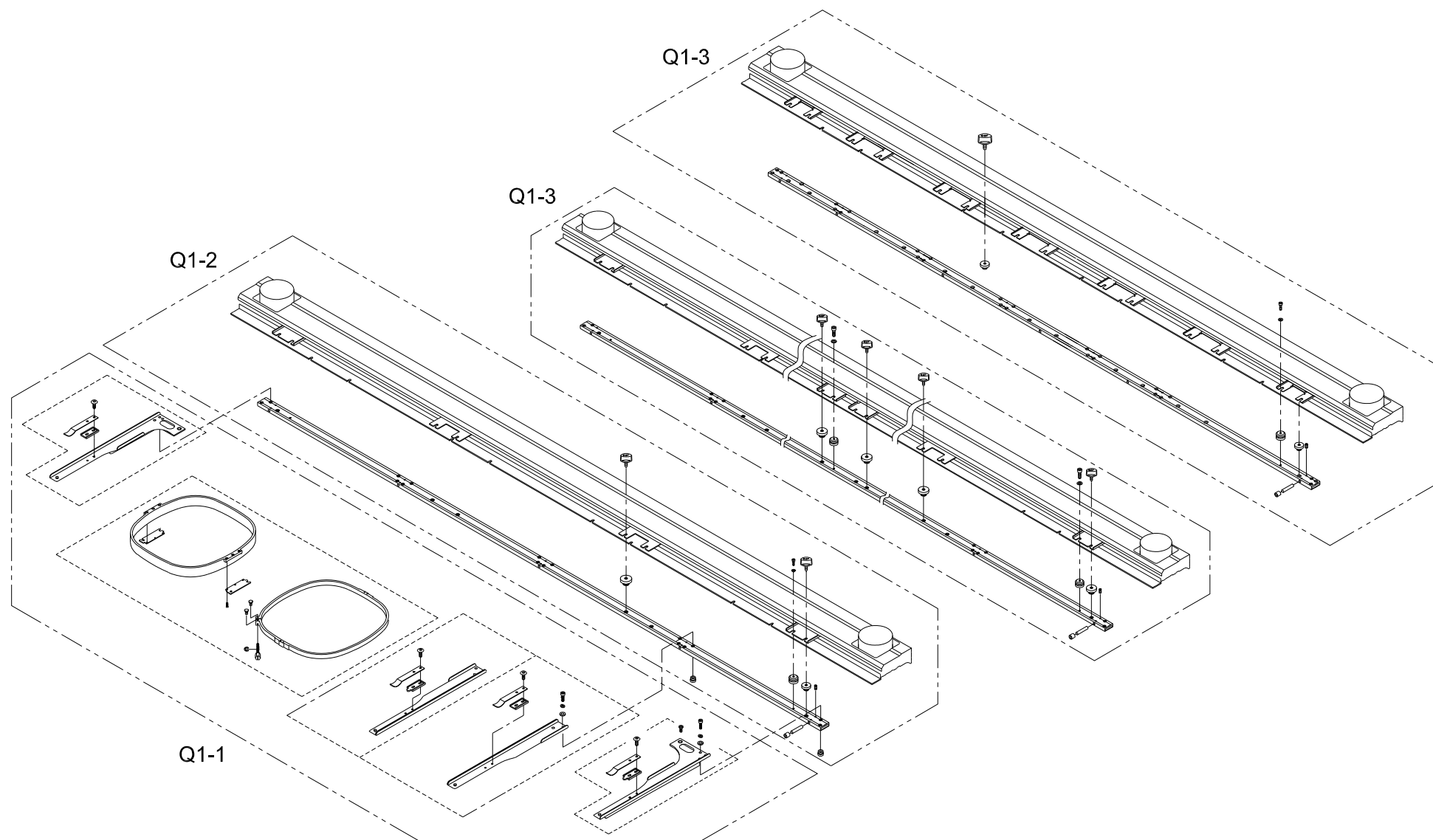
P

Exploded view diagram of the P4 assembly. The diagram shows the main frame and various components being installed. Key components and their assembly points are labeled:

- P-4-1**: Top panel component.
- P-4-2**: Right side panel component.
- P-4-3**: Small rectangular component, shown in two locations.
- P-4-4**: Small rectangular component.
- P-4-5**: Small rectangular component.
- P-4-6**: Small rectangular component with a label.
- P-4-7**: Small rectangular component.
- P-4-8**: Large rectangular component, shown in two locations.
- P-4-9**: Small rectangular component, shown in two locations.
- P-4-10**: Small rectangular component.
- P-4-11**, **P-4-12**, **P-4-13**: Small rectangular components.
- P-4-14**: Small rectangular component.
- P-4-15**, **P-4-16**, **P-4-17**, **P-4-18**: Small rectangular components.

P

Tubular Frame



Q1-1

This exploded view diagram illustrates the assembly of the Q1-1 unit. The components are organized into several sub-assemblies, each enclosed in a dashed rectangular box:

- Top Left Sub-assembly:** Includes parts Q1-1-11, Q1-1-4, Q1-1-3, and Q1-1-7.
- Central Sub-assembly:** Features a large oval component Q1-1-20, a smaller oval component Q1-1-21, and several connecting parts: Q1-1-17, Q1-1-18, Q1-1-19, Q1-1-23, Q1-1-24, Q1-1-25, Q1-1-16, and Q1-1-22.
- Bottom Left Sub-assembly:** Contains parts Q1-1-14, Q1-1-15, Q1-1-11, Q1-1-4, and Q1-1-3.
- Bottom Right Sub-assembly:** Includes parts Q1-1-11, Q1-1-3, Q1-1-13, Q1-1-12, Q1-1-8, Q1-1-9, Q1-1-10, Q1-1-1, Q1-1-4, Q1-1-5, Q1-1-6, and Q1-1-13.

The main assembly structure is represented by a long, horizontal rail or track. Various components are shown being attached to this rail using screws and brackets. The diagram uses standard engineering notation, with dashed lines indicating the assembly path and alignment of the parts.

Note

Q1

Q1-2

This diagram illustrates the exploded view of the Q1-2 assembly. The main components are the upper and lower rails, which are connected by a series of pins and washers. The assembly is shown in a perspective view, with the upper rail at the top and the lower rail at the bottom. A white curved line indicates the path of a cable or hose. The components are labeled with part numbers: Q1-2-1 (lower rail), Q1-2-2 (pin), Q1-2-3 (washer), Q1-2-4 (pin), Q1-2-5 (washer), Q1-2-6 (pin), Q1-2-7 (washer), Q1-2-8 (pin), Q1-2-9 (washer), and Q1-2-10 (pin). The diagram shows the relative positions of these components and how they fit together to form the complete assembly.

Note

Q1

Q1-3

This diagram illustrates the exploded view of the Q1-3 assembly. The main components are shown in a perspective view, with various parts labeled with callouts and leader lines. The callouts include:

- Q1-3-1: A long, thin metal rail or track.
- Q1-3-2: A small, cylindrical component, likely a pin or bush.
- Q1-3-3: A small, cylindrical component, likely a pin or bush.
- Q1-3-4: A small, cylindrical component, likely a pin or bush.
- Q1-3-5: A small, cylindrical component, likely a pin or bush.
- Q1-3-6: A small, cylindrical component, likely a pin or bush.
- Q1-3-7: A small, cylindrical component, likely a pin or bush.
- Q1-3-8: A small, cylindrical component, likely a pin or bush.
- Q1-3-9: A small, cylindrical component, likely a pin or bush.

The diagram shows the assembly of these components into a larger structure, which appears to be a metal frame or support. The components are shown in their relative positions, with leader lines indicating their assembly points.

Note

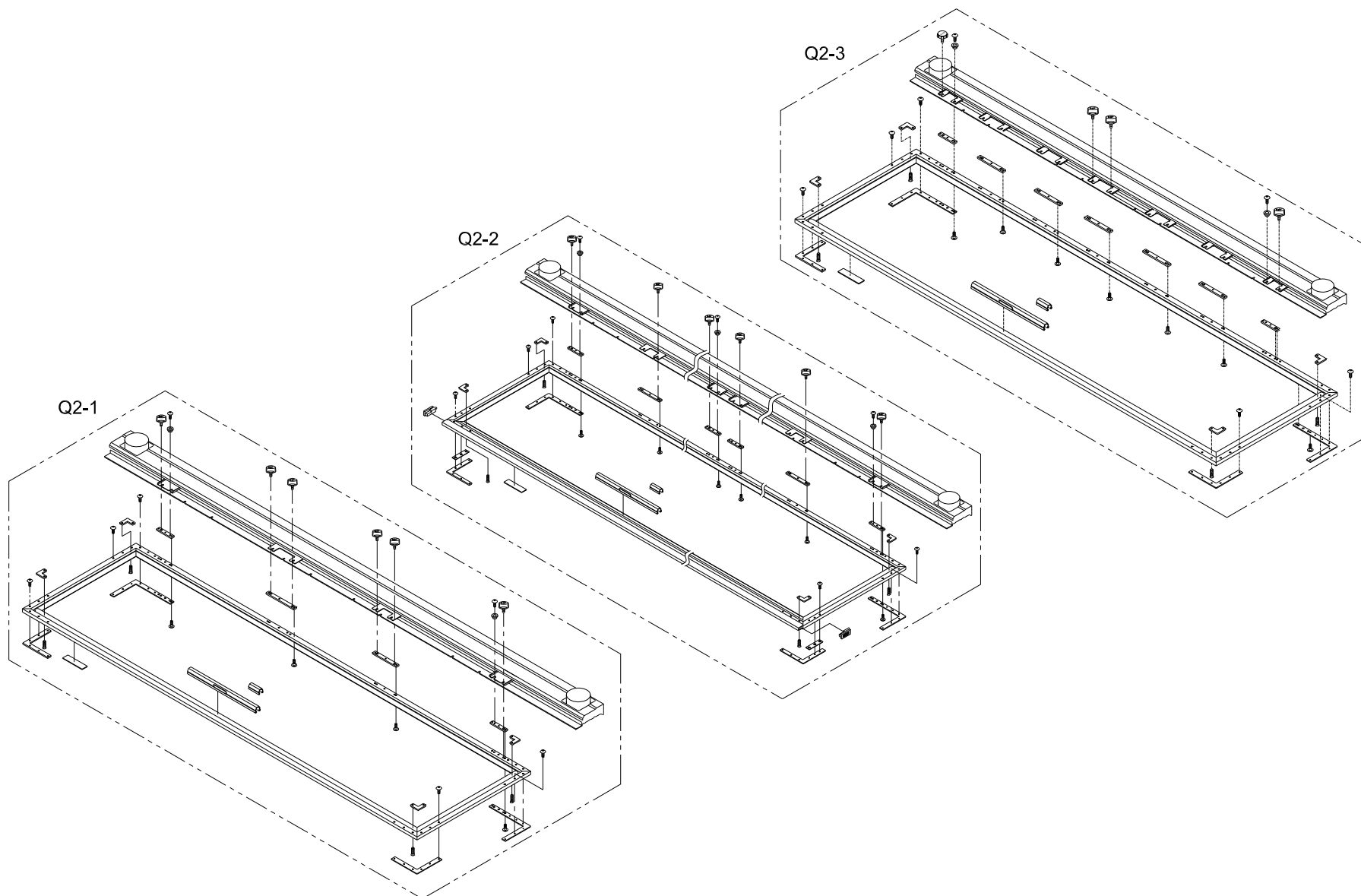
Q1

This diagram illustrates the exploded view of the Q1-4-1 assembly. The main component, Q1-4-1, is a long, narrow metal rail with multiple slots and mounting points. A curved metal bracket is shown attached to the left end of the rail. A cylindrical component, Q1-4-2, is shown being inserted into a hole in the rail. A small, rectangular component, Q1-4-9, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-4, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-5, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-3, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-8, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-6, is shown being inserted into a slot on the rail. A small, rectangular component, Q1-4-7, is shown being inserted into a slot on the rail.

Note

Q1

Border Frame



This diagram illustrates the exploded view of the Q2-1-13 assembly. The components are labeled as follows:

- Q2-1-13 (Main assembly)
- Q2-1-1 (Longitudinal beam)
- Q2-1-2 (Longitudinal beam)
- Q2-1-3 (Transverse beam)
- Q2-1-4 (Transverse beam)
- Q2-1-5 (Bracket)
- Q2-1-6 (Bracket)
- Q2-1-7 (Bracket)
- Q2-1-8 (Bracket)
- Q2-1-9 (Bracket)
- Q2-1-10 (Bracket)
- Q2-1-11 (Bracket)
- Q2-1-12 (Bracket)
- Q2-1-14 (Bracket)
- Q2-1-15 (Bracket)
- Q2-1-16 (Bracket)
- Q2-1-17 (Bracket)
- Q2-1-18 (Bracket)
- Q2-1-19 (Bracket)

Q2

Note

Q2

This diagram illustrates the exploded view of the Q3-2-17, 18, 19 assembly. The main components are labeled as follows:

- Q3-2-1**: The central horizontal rail assembly.
- Q3-2-2**: The left vertical rail assembly.
- Q3-2-3**: The right vertical rail assembly.
- Q3-2-4**: Corner brackets for the left and right rails.
- Q3-2-5**: Screws for the corner brackets.
- Q3-2-6**: L-shaped brackets for the left and right rails.
- Q3-2-7**: Screws for the L-shaped brackets.
- Q3-2-8**: Screws for the corner brackets.
- Q3-2-9**: Screws for the L-shaped brackets.
- Q3-2-10**: A small rectangular plate for the left rail.
- Q3-2-11**: A small rectangular plate for the right rail.
- Q3-2-12**: Small rectangular plates for the central rail.
- Q3-2-13**: Screws for the central rail.
- Q3-2-14**: Screws for the right rail.
- Q3-2-15**: Screws for the right rail.
- Q3-2-16**: Screws for the right rail.
- Q3-2-17, 18, 19**: The main assembly unit, which is a long, narrow, rectangular frame with a central rail.

The diagram shows the assembly points for each component, with dashed lines indicating the alignment and position of the parts. The components are arranged in a way that shows how they fit together to form the final assembly.

Note

Q2

R. Index

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