

PARTS BOOK

E-Series Tubular-small

E-UK-1204-45

PME-120509

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.

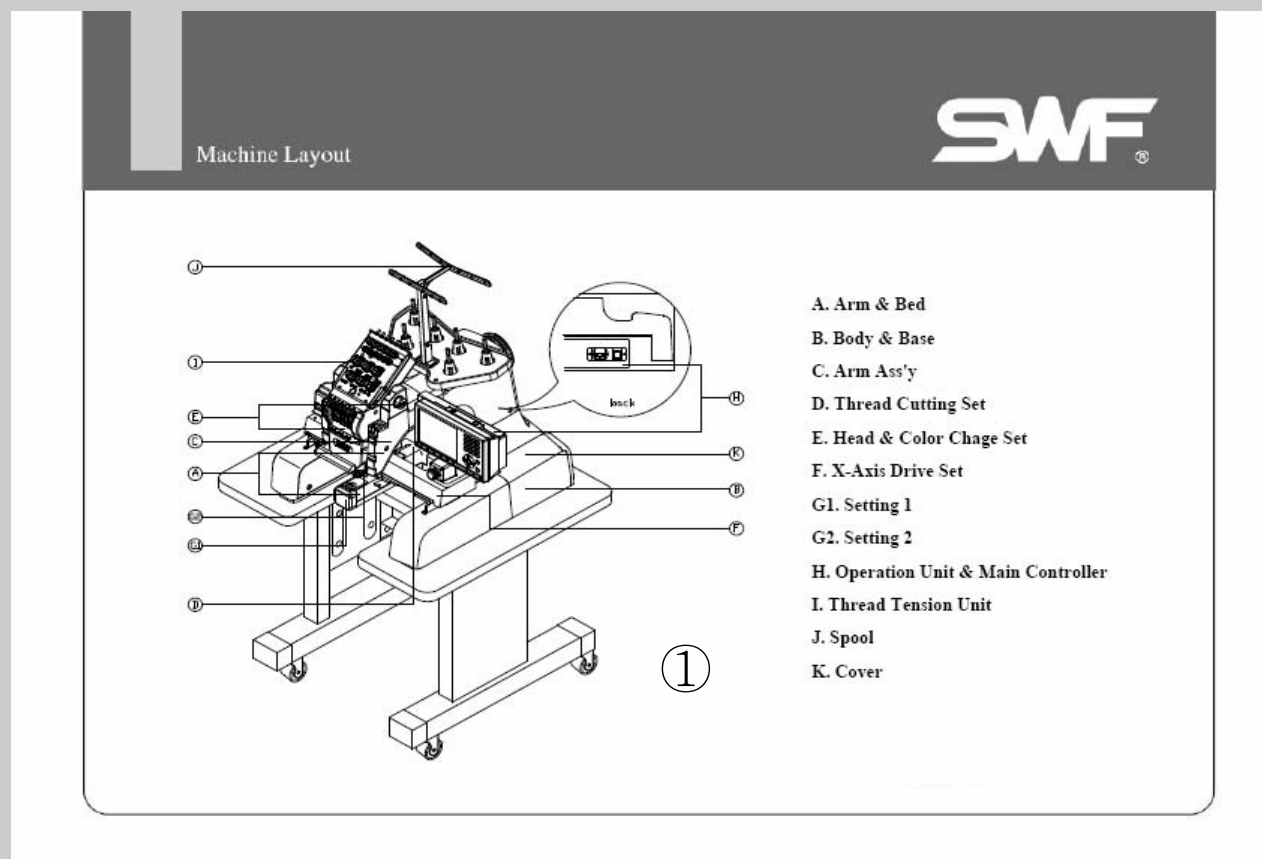
- 1) Machine Layout
- 2) Section
- 3) Part List

※Consumable parts shall not be guaranteed even in warranty period

Information

A. Structure of Part Book

1. Machine Layout

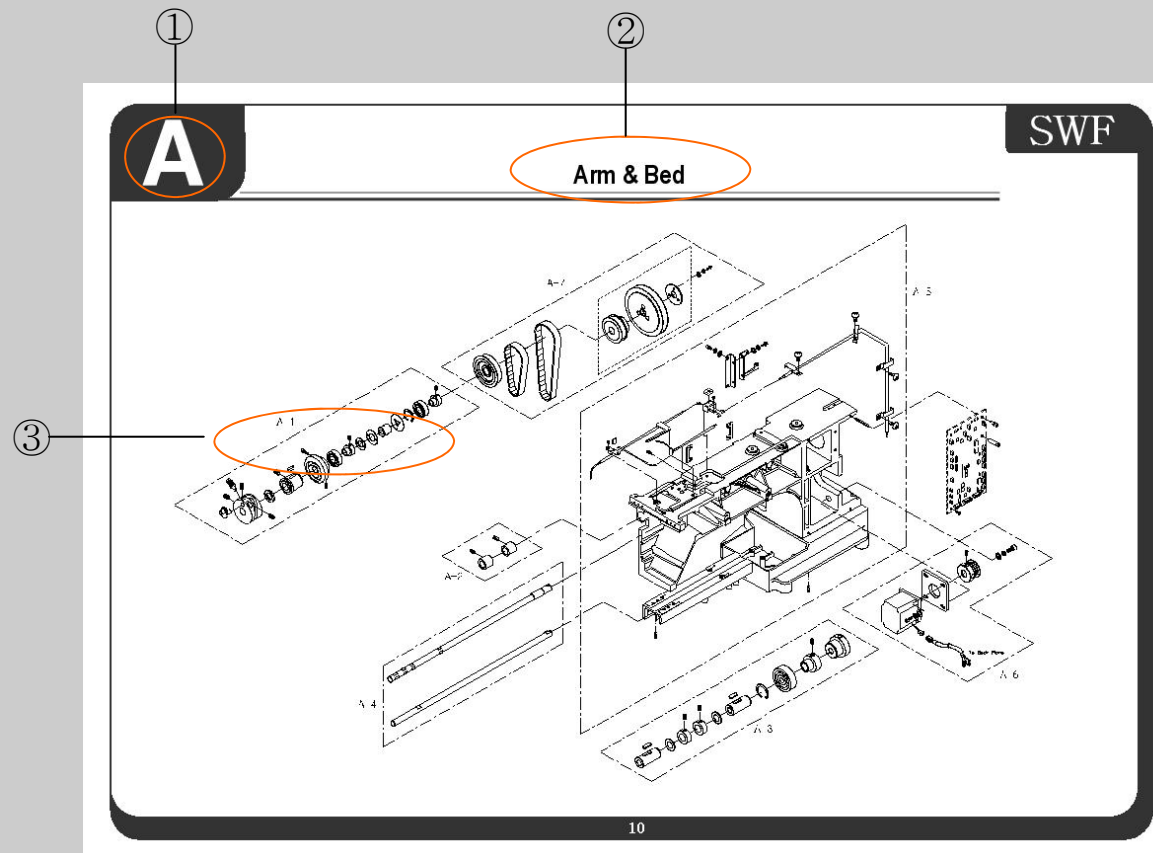


Information

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	④	⑤	⑥	⑦	⑧	⑨	⑩
Ref No	Part No	Part Name	Applied Period	Interchangeability	Hardware	Qty	Remark
A-1-1	0101SCM-T900	Twice-up Lever Driving Cam	Oct-08-07			1	
A-1-2	0101SCM-T900	Twice-up Lever Driving Cam	Oct-08-07	X		1	
A-1-3	0101SCM-T121	Cam Screw (8/32x28L=17)				1	
A-1-4	0101SCM-T121	Screw (1/8x28L=7.5)			O	1	
A-1-5	0101SCM-T121	Hex. Socket Set Screw (1/4" 3x40 L=4.5)				1	
A-1-6	0102BHR-A001	Washer				2	
A-1-7	0102BHR-A001	Washer				1	
A-1-8	0102BHR-T900	Needle Bar Crank				1	
A-1-9	0101ZMP-T121	Upper Shaft Bushing (9)				1	
A-1-10	01004SC-A017	Screw (1/8x28, L=14)			O	3	
A-1-11	010149P-T121	Felt				1	
A-1-12	0101SCM-T121	Presser Foot Driving Cam				1	
A-1-13	0401ZAP-A001	Screw (1/8x28)			O	3	
A-1-14	0102BHR-A001	Screw (M4xL20)			O	1	
A-1-15	0102BHR-A001	Rearizer (600422)				1	
A-1-16	010000001000	Rearizer Collar				2	
A-1-17	0401ZAP-A001	Screw (1/8x28)			O	3	
A-1-18	WS-0001BR-00	Washer			O	1	
A-1-19	CL-000097-00	Code Wheel				1	
A-1-20	CL-000097-00	Collar				1	
A-1-21	0101SCM-T121	Technical Piece				1	
A-1-22	0101SCM-T121	C-Ridge (1947)			O	1	
A-1-23	0101SCM-T121	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

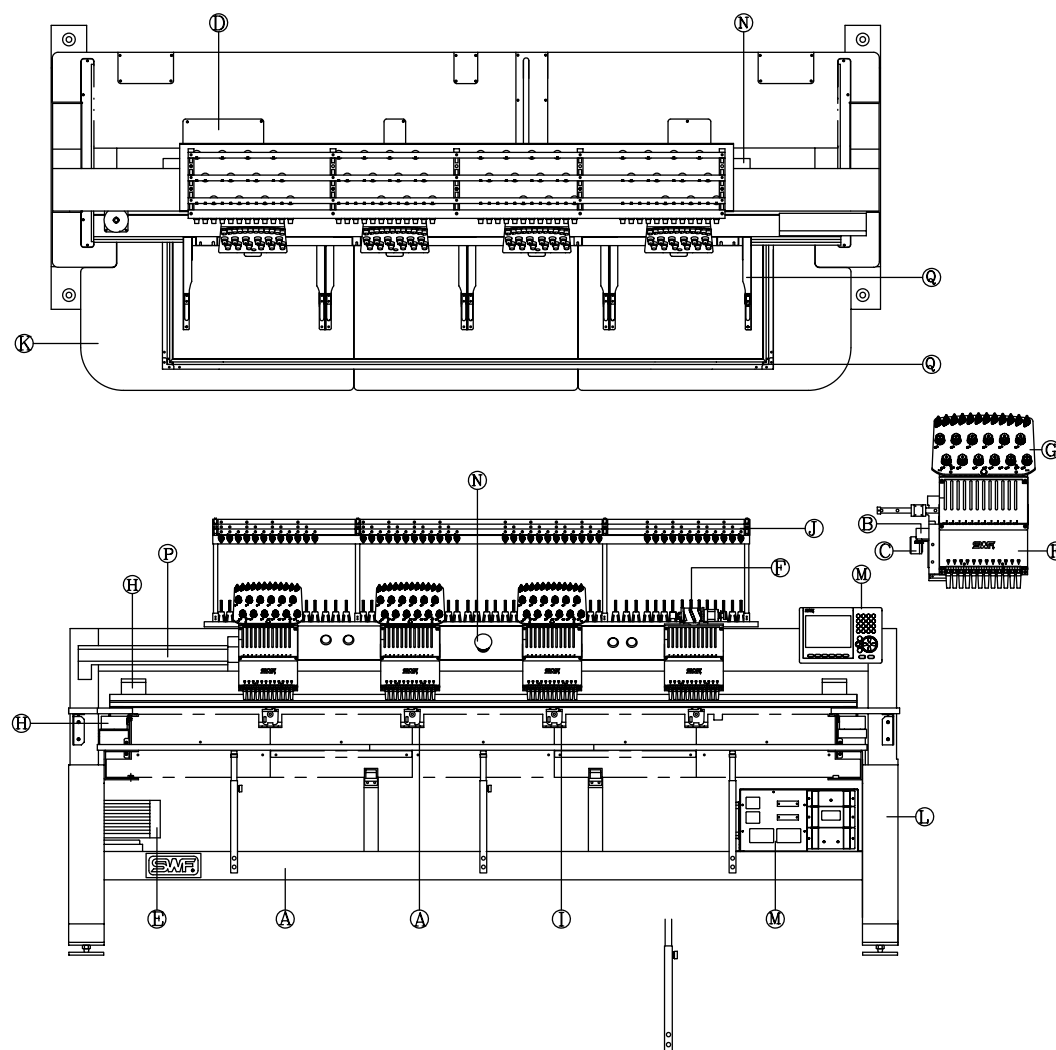
⑨ Q'ty : 사용 파트의 수량을 표기

: 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 (UK1202)
- H2. X-Y Drive Set (UK1204)
- H3. X-Y Drive Set (UK1206)
- H4. X-Y Drive Set (UH1506C)
- H5. X-Y Drive Set (UK1508)
- I. Setting
- J. Spool
- K1. TABLE (UK1202)
- K2. TABLE (UK1204)
- K3. TABLE (UK1206)
- K4. TABLE (UH1506C)
- K5. TABLE (UH1508)
- L. Cable
- M. Con Box & O/P Box
- N. Lamp & Switch
- O. Bobbin Winder
- P. Cover
- Q1. Frame (UK1202)
- Q2. Frame (UK1204)
- Q3. Frame (UK1206)
- Q4. Frame (UH1506C)
- Q5. Frame (UH1508)



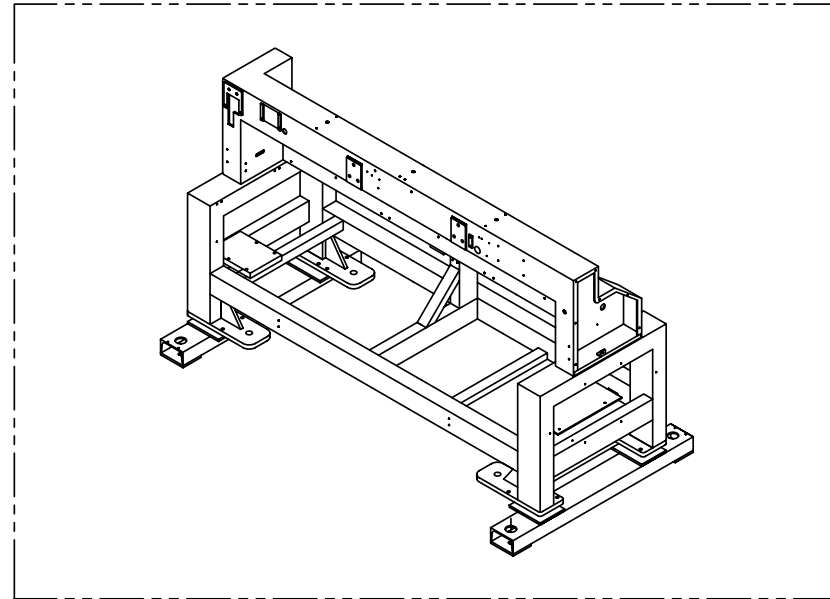
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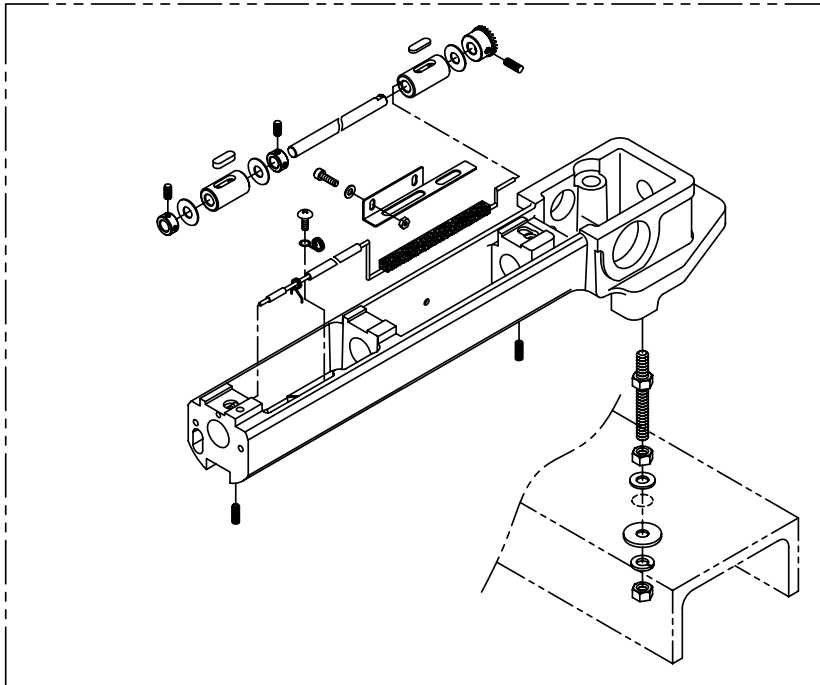
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Beam Body & Bed

A-1



A-2



A-1

A-1-1



A

A-2

This exploded view diagram illustrates the assembly of the A-2 component. The main body is a long, rectangular metal frame (A-2-1) with a complex internal structure. Various parts are shown being assembled onto this frame, including:

- Top Assembly:** A-2-6 (washer), A-2-3 (gear), A-2-4 (washer), A-2-2 (spring), and A-2-19 (cylinder) are shown being assembled onto the top of the frame.
- Internal Components:** A-2-10 (spring), A-2-11 (plate), A-2-8 (spring), A-2-12 (spring), A-2-13 (spring), A-2-14 (spring), A-2-15 (spring), A-2-16 (spring), A-2-17 (spring), A-2-18 (spring), A-2-20 (spring), A-2-21 (spring), A-2-22 (spring), and A-2-23 (spring) are shown being assembled into the internal structure of the frame.
- Bottom Assembly:** A-2-2 (spring), A-2-24 (washer), A-2-25 (washer), A-2-26 (washer), and A-2-27 (washer) are shown being assembled onto the bottom of the frame.

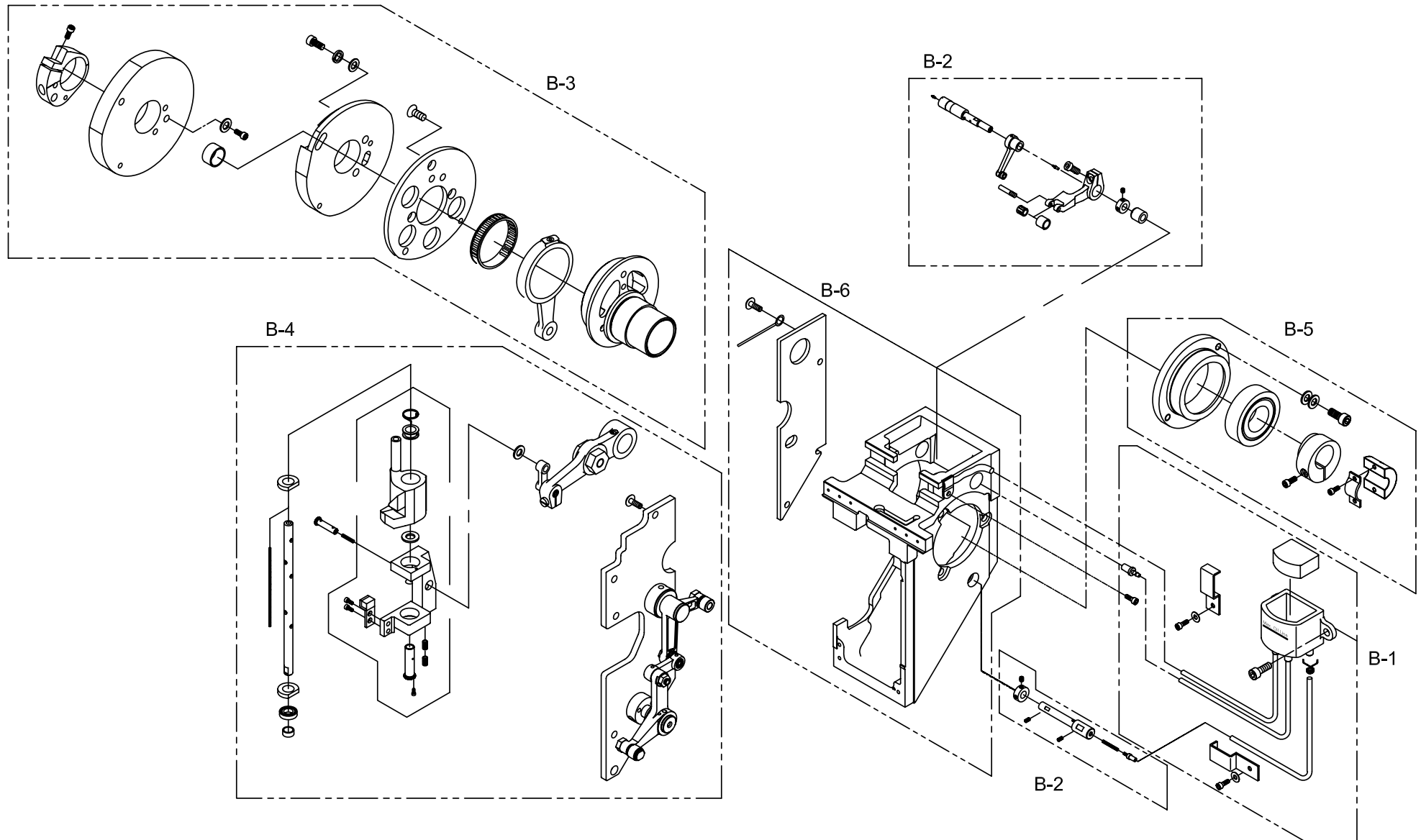
The diagram uses dashed lines to indicate the assembly path and the relative positions of the components. The components are labeled with their respective part numbers, which are listed in the table below.

Part Number	Description
A-2-1	Main Frame
A-2-2	Spring
A-2-3	Gear
A-2-4	Washer
A-2-5	Washer
A-2-6	Washer
A-2-7	Spring
A-2-8	Spring
A-2-9	Spring
A-2-10	Spring
A-2-11	Plate
A-2-12	Spring
A-2-13	Spring
A-2-14	Spring
A-2-15	Spring
A-2-16	Spring
A-2-17	Spring
A-2-18	Spring
A-2-19	Cylinder
A-2-20	Spring
A-2-21	Spring
A-2-22	Spring
A-2-23	Spring
A-2-24	Washer
A-2-25	Washer
A-2-26	Washer
A-2-27	Washer

Note

A

Arm 1



B-1

This exploded view diagram illustrates the assembly of the B-1 unit. The main components and their assembly sequence are as follows:

- B-1-1**: The main rectangular housing, labeled "Multi-Cell Ultra".
- B-1-2**: A square cap that fits onto the top of the main housing.
- B-1-3**: Two screws used to secure the cap and other components.
- B-1-4**: A long, thin component, possibly a filter or a tube, that fits into the side of the main housing.
- B-1-5**: A small connector or plug that fits into the end of the long component.
- B-1-6**: A small rectangular plate or bracket.
- B-1-7**: A small rectangular plate or bracket, similar to B-1-6.
- B-1-8**: A small screw used to secure the main housing.
- A-1-6**: A small screw used to secure the main housing.

The diagram shows the main housing (B-1-1) with various ports and slots. The cap (B-1-2) is shown being placed on top. The long component (B-1-4) is shown being inserted into the side. The small components (B-1-5, B-1-6, B-1-7) are shown being attached to the bottom and side of the main housing. The screws (B-1-3, B-1-6, B-1-7, B-1-8) are shown being used to secure the various parts.

Note



B-2

This exploded view diagram illustrates the assembly of the B-2 door. The main door frame is shown at the bottom. Various components are labeled with part numbers and arrows indicating their assembly sequence:

- B-2-9**: A long cylindrical component, likely a handle or latch, shown at the top left.
- B-2-11**: A small pin or screw.
- B-2-10**: A small pin or screw.
- B-2-2**: A small pin or screw.
- B-2-18**: A small pin or screw.
- B-2-3**: A small pin or screw.
- B-2-5**: A small pin or screw.
- B-2-4**: A small pin or screw.
- B-2-1**: A small pin or screw.
- B-2-7**: A small pin or screw.
- B-2-6**: A small pin or screw.
- B-2-8**: A small pin or screw.
- B-2-17**: A small pin or screw.
- B-2-16**: A small pin or screw.
- B-2-12**: A small pin or screw.
- B-2-15**: A small pin or screw.
- B-2-13**: A small pin or screw.
- B-2-14**: A small pin or screw.

Note



B-3

The diagram illustrates the assembly of the B-3 component. The parts are labeled as follows:

- B-3-15**: A small circular component with a central hole and a small protrusion.
- B-3-14**: A small circular component with a central hole and a small protrusion.
- B-3-6**: A large circular component with a central hole and several smaller holes around the perimeter.
- B-3-8**: A small circular component with a central hole and a small protrusion.
- B-3-9**: A small circular component with a central hole and a small protrusion.
- B-3-13**: A small circular component with a central hole and a small protrusion.
- B-3-12**: A small circular component with a central hole and a small protrusion.
- B-3-11**: A small circular component with a central hole and a small protrusion.
- B-3-7**: A small circular component with a central hole and a small protrusion.
- B-3-10**: A large circular component with a central hole and several smaller holes around the perimeter.
- B-3-2**: A small circular component with a central hole and a small protrusion.
- B-3-1**: A large circular component with a central hole and several smaller holes around the perimeter.
- B-3-3**: A small circular component with a central hole and a small protrusion.
- B-3-4**: A small circular component with a central hole and a small protrusion.
- B-3-5**: A small circular component with a central hole and a small protrusion.

The assembly sequence is indicated by the numbers 1 through 15, showing the order in which the components are added to the assembly.

Note



B-4

B-4-22

B-4-21

B-4-7

B-4-9

B-4-10

B-4-20

B-4-8

B-4-13

B-4-14

B-4-11

B-4-4

B-4-5

B-4-6

B-4-3

B-4-2

B-4-1

B-4-17

B-4-16

B-4-20

B-4-18

B-4-19

B-4-12

B-4-15

Note

B

This diagram shows the exploded view of the B-5-1 component assembly. The main assembly is shown on the left, with a callout line pointing to the exploded view on the right. The exploded view includes the following components:

- B-5-1**: The main cylindrical component.
- B-5-2**: A smaller cylindrical component that fits inside B-5-1.
- B-5-3**: A small screw or bolt.
- B-5-4**: A small washer or spacer.
- B-5-5**: A small cylindrical component.
- B-5-6**: A small screw or bolt.
- B-5-7**: A small cylindrical component.
- B-5-8**: A small screw or bolt.
- B-5-9**: A small cylindrical component.

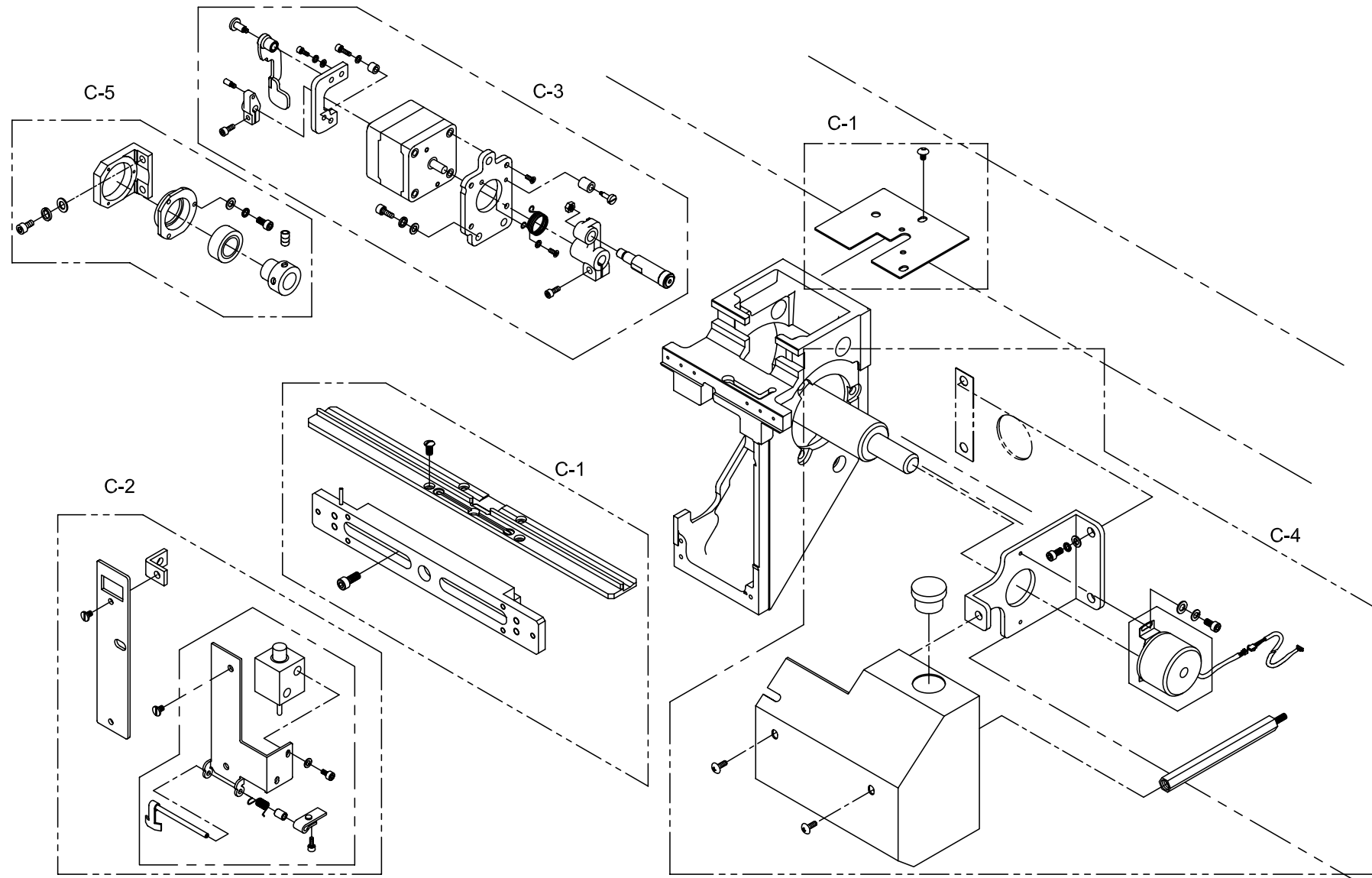
Note	
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B

Note

B

Arm 2



C-1

Diagram illustrating the assembly of the C-1 component, showing the main unit and various sub-components labeled C-1-1 through C-1-6.

- C-1-1**: The main rectangular base unit.
- C-1-2**: A long horizontal bar with multiple mounting holes, shown being inserted into the side of the main unit.
- C-1-3**: A long horizontal bar with a central slot, shown being inserted into the top of the main unit.
- C-1-4**: A small screw used to secure the C-1-3 bar to the main unit.
- C-1-5**: A small rectangular plate with mounting holes, shown being inserted into the side of the main unit.
- C-1-6**: A small screw used to secure the C-1-5 plate to the main unit.

Note



C-2

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

- C-2-1**: Main vertical plate.
- C-2-2**: Small L-shaped bracket.
- C-2-3**: Screw for C-2-2.
- C-2-4**: Vertical plate with a hole.
- C-2-5**: Screw for C-2-4.
- C-2-6**: Horizontal plate.
- C-2-7**: Screw for C-2-6.
- C-2-8**: Small bracket.
- C-2-9**: Screw for C-2-8.
- C-2-10**: Small bracket.
- C-2-11**: Small bracket.
- C-2-12**: Screw for C-2-10.
- C-2-13**: Screw for C-2-12.
- C-2-14**: Horizontal plate.

The diagram shows the assembly sequence: C-2-2 is attached to C-2-1 with C-2-3. C-2-4 is attached to C-2-1 with C-2-5. C-2-6 is attached to C-2-4 with C-2-7. C-2-8 is attached to C-2-6 with C-2-9. C-2-10 is attached to C-2-8 with C-2-10. C-2-11 is attached to C-2-4 with C-2-11. C-2-12 is attached to C-2-10 with C-2-12. C-2-13 is attached to C-2-12 with C-2-13. C-2-14 is attached to C-2-13 with C-2-14.

Note



C-3

This diagram illustrates the exploded view of the C-3 assembly. The components are labeled as follows:

- C-3-1: Main rectangular body
- C-3-2: Flange with central hole
- C-3-3: Bolt for flange
- C-3-4: Bolt for main body
- C-3-5: Washer for main body
- C-3-6: Nut for main body
- C-3-7: Bolt for flange
- C-3-8: Nut for flange
- C-3-9: Bolt for flange
- C-3-10: Washer for flange
- C-3-11: Long shaft or pin
- C-3-12: Bolt for flange
- C-3-13: Bolt for flange
- C-3-14: Bolt for flange
- C-3-15: Bolt for flange
- C-3-16: Bolt for flange
- C-3-17: Bolt for flange
- C-3-18: Bolt for flange
- C-3-19: Bolt for flange
- C-3-20: Bolt for flange
- C-3-21: Bolt for flange
- C-3-22: Bolt for flange
- C-3-23: Bolt for flange
- C-3-24: Bolt for flange
- C-3-25: Bolt for flange
- C-3-26: Bolt for flange
- C-3-27: Bolt for flange
- C-3-28: Bolt for flange

Note

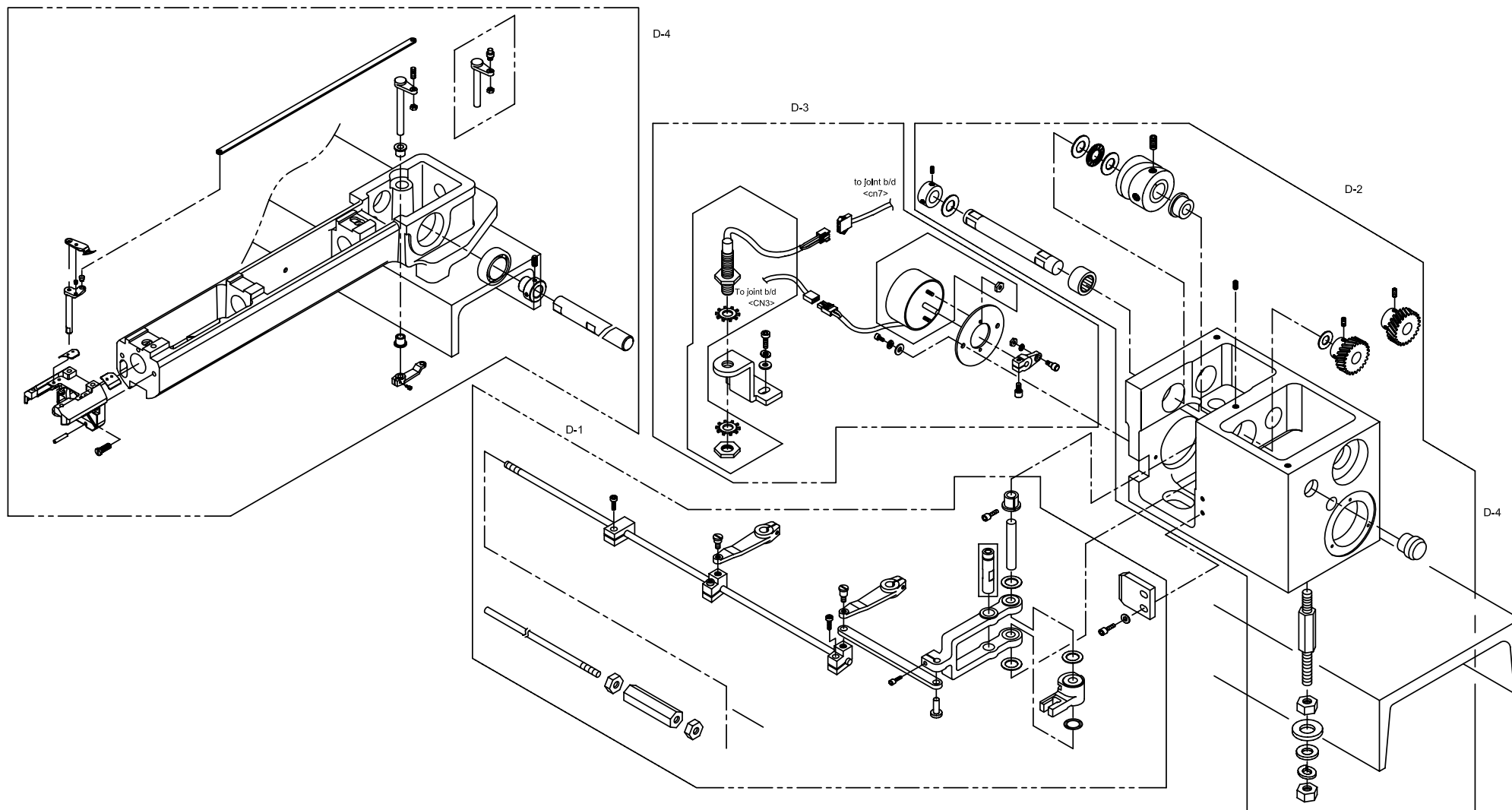


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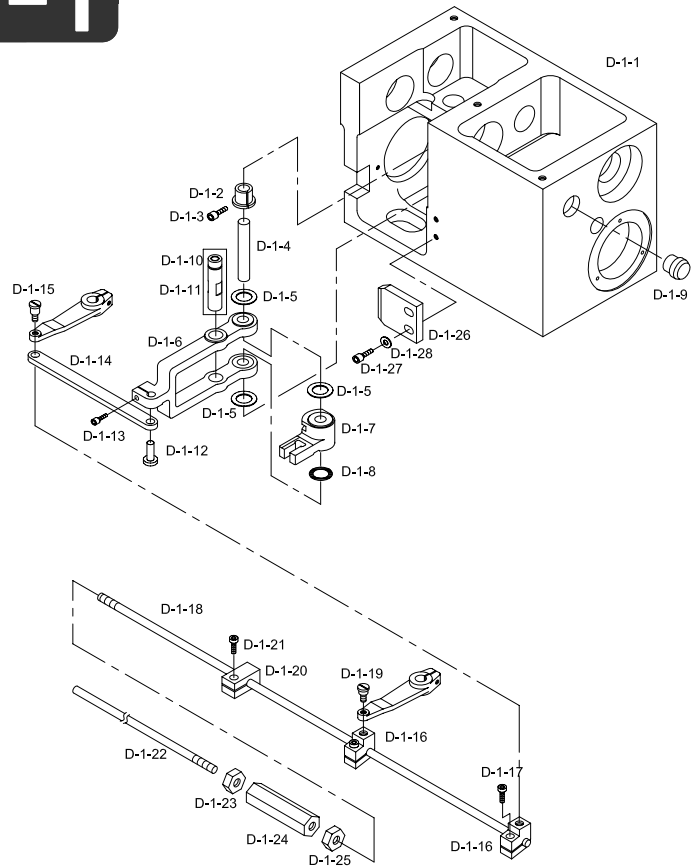
Note

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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				1	
D-1-2	08203000A000	Take-Up Lever Shaft Bush(L)				1	
D-1-3	02014SC-7113	Hex. Socket Bolt (M4*L5)			O	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 Ruber				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)			O	1	
D-1-14	03000700TH00	Thread Lever Connect Link				1	
D-1-15	08016CW-UK01	Link Stud Bolt				1	
D-1-16	08023CL-UK01	Mes Shaft Cramp				4	
D-1-17	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	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	08019CW-UK01	Clamp Stud Bolt				3	
D-1-20	08023CW-A001	Mes Shaft Cramp				1	
D-1-21	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	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)			O	1	
D-1-25	17053SN-1111	Hex. Nut(L) (M6*T5-L)			O	1	
D-1-26	08021PM-UK01	Lever Stopper				1	
D-1-27	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	2	
D-1-28	18015SW-3111	Washer (4@)			O	2	

D-2

The diagram illustrates the assembly of the D-2 component, showing the main housing and various sub-assemblies. The components are labeled as follows:

- 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.

The diagram shows the main housing with various ports and openings. The components are shown in their relative positions, with dashed lines indicating the assembly path. The components are arranged in a way that shows the internal structure of the housing and the placement of the various sub-assemblies.

Note



D-3

The diagram illustrates the assembly of the D-3 unit. Key components and their connections are as follows:

- Top Section:** A cable labeled "to joint b/d <cn7>" connects to component D-3-17, which is then connected to D-3-18.
- Left Section:** Component D-3-12 is a large threaded fitting. A cable labeled "To joint b/d <CN3>" connects to D-3-17. Below D-3-12 is a gear-like component.
- Bottom Section:** A bracket (D-3-13) is shown with several screws (D-3-14, D-3-15, D-3-16) and a gear-like component at the bottom.
- Right Section:** A large circular component (D-3-1) is shown with various screws (D-3-2, D-3-3, D-3-4) and a cable (D-3-5) connected to it. A smaller circular component (D-3-6) is also shown.
- Far Right Section:** A bracket (D-3-7) is shown with screws (D-3-8, D-3-9, D-3-10) and a cable (D-3-11) connected to it.

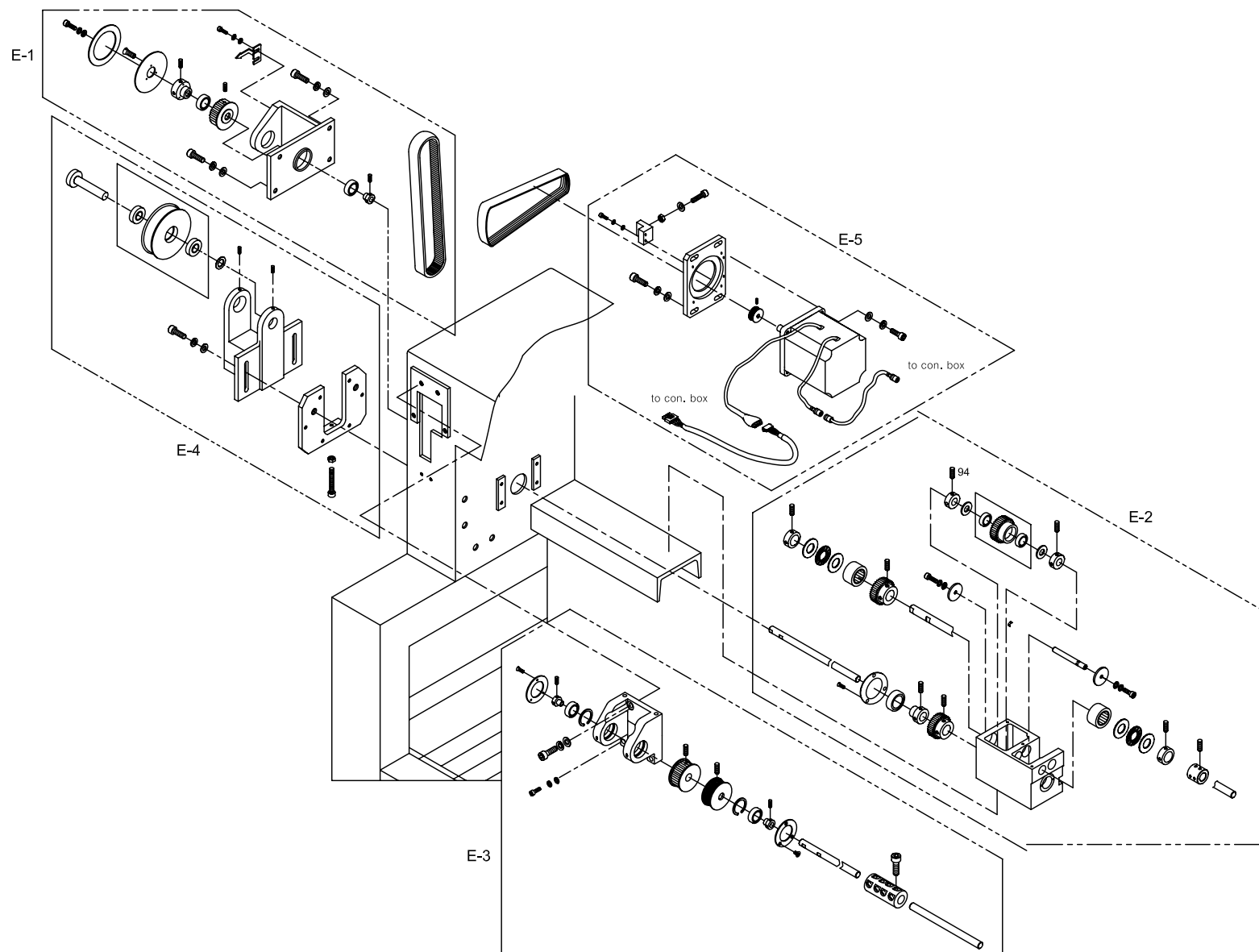
Note

D

D-4-10

D

Main Drive System



E-1

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

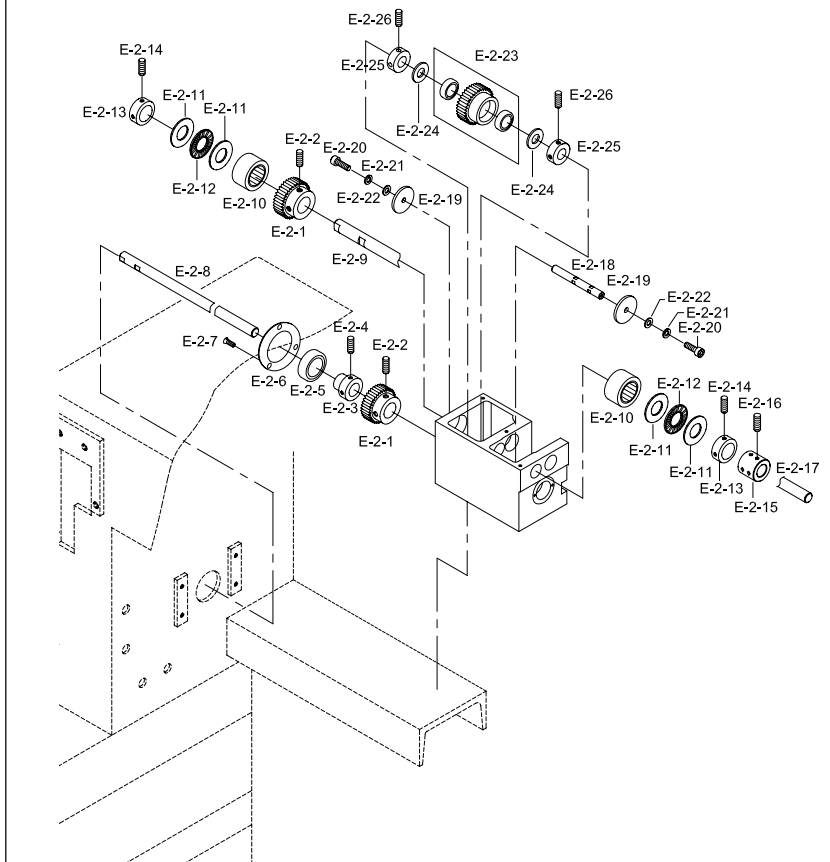
- E-1-1:** A large, U-shaped metal bracket.
- E-1-2:** A rectangular metal plate with two circular cutouts.
- E-1-3:** A small screw.
- E-1-4:** A small washer or spacer.
- E-1-5:** A small screw.
- E-1-6:** A small screw.
- E-1-7:** A small circular component, possibly a bush or washer.
- E-1-8:** A small pin or clip.
- E-1-9:** A small circular component, possibly a bush or washer.
- E-1-10:** A small circular component, possibly a bush or washer.
- E-1-11:** A small screw.
- E-1-12:** A small circular component, possibly a bush or washer.
- E-1-13:** A small circular component, possibly a bush or washer.
- E-1-14:** A small circular component, possibly a bush or washer.
- E-1-15:** A small screw.
- E-1-16:** A small washer or spacer.
- E-1-17:** A small washer or spacer.
- E-1-18:** A small screw.
- E-1-19:** A small metal bracket or clip.
- E-1-20:** A small screw.
- E-1-21:** A small washer or spacer.
- E-1-22:** A small screw.

The diagram shows the assembly sequence, with components E-1-1 and E-1-2 forming the main structure. Various screws (E-1-3, E-1-5, E-1-6, E-1-11, E-1-15, E-1-18, E-1-20, E-1-22) and washers/spacers (E-1-4, E-1-7, E-1-9, E-1-10, E-1-12, E-1-13, E-1-14, E-1-16, E-1-17) are used to secure the components. The final assembly is shown on the right, with dashed lines indicating the alignment of the parts.

Note

E

E-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
E-2-1	13032GA-UK06	Index Shaft Gear Uk06				2	
E-2-2	04012AF-A001	Hook Shaft Bush Screw				11	
E-2-3	01102000B000	Bearing Bushing				1	
E-2-4	14060AF-4517	Hex.Socket Screw (M6*L6)			O	2	
E-2-5	04026BR-A001	Ball Bearing 6003Z				1	
E-2-6	04039PR-A001	Bearing Cover				1	
E-2-7	21002SC-8119	PLUS SCREW (M3*L8)			O	3	
E-2-8	03100600UK40	INDEX SHAFT				1	
E-2-9	03000200UK20	Low Shaft (L=804) (UK1202)				1	
	03000200UK40	Low Shaft (UK1204)					
	23003SH-UK06	Low Shaft "A" @15 L=1418 (UK1206)					
	02000110UH60	Low Shaft L2303 (UH1506C)					
	02000100UH80	Low Shaft A 1650 (UH1508)					
E-2-10	04027BR-A001	Needle Bearing (Hmk1515)				2	
E-2-11	08028BR-A001	Thrust Washer (As 1528)				4	
E-2-12	08027BR-A001	Thrust Bearing (Ntb 1528)				2	
E-2-13	03704900A000	Cam Shaft Collar				2	
E-2-14	04016AF-A001	Cam Collar Screw				4	
E-2-15	14079CW-UK06	Lower Shaft Coupling (UK1206)				1	
E-2-16	14060AF-4517	Hex.Socket Screw (M6*L6) (UK1206)			O	4	
E-2-17	03000300UK60	Low Shaft B (@15, L1385) (UK1206)				1	
	02000200UH80	Low Shaft B 1448 (UH1508)					
E-2-18	13041SH-UK01	Middle Shaft				1	
E-2-19	08053PR-A001	Lever Washer				2	
E-2-20	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	2	
E-2-21	02028SW-9115	Spring Washer (@4)			O	2	
E-2-22	05009SW-1111	Washer (@4-L)			O	2	
E-2-23	13036BR-UK01	Needle Bearing (63800Zz)				2	
E-2-24	12019BR-T121	Fiber Washer R-Tw1020				2	
E-2-25	13038CW-UK01	Collar "C"				2	
E-2-26	03022SC-4517	Hex. Socket Set Screw (M4*L5)			O	4	

E-3

E-3-1

E-3-2

E-3-3

E-3-4

E-3-5

E-3-6

E-3-7

E-3-8

E-3-9

E-3-10

E-3-11

E-3-12

E-3-13

E-3-14

E-3-15

E-3-16

E-3-17

E-3-18

E-3-19

E-3-20

Note



E-4

This exploded view diagram illustrates the assembly of the E-4 component. The parts are labeled as follows:

- E-4-10**: A long screw with a washer, shown being inserted into a plate.
- E-4-9**: A plate with two circular holes.
- E-4-11**: A small circular washer or spacer.
- E-4-8**: Two small pins or spacers.
- E-4-6**: A small circular washer or spacer.
- E-4-7**: A small circular washer or spacer.
- E-4-5**: A small screw.
- E-4-4**: A U-shaped bracket or support.
- E-4-3**: A screw.
- E-4-2**: A long screw.
- E-4-1**: A U-shaped bracket or support.

The diagram shows the assembly sequence: E-4-10 is inserted into E-4-9. E-4-11 and E-4-8 are then added. E-4-6 and E-4-7 are added to the assembly. E-4-5 is added to the assembly. E-4-4 is added to the assembly. E-4-3 is added to the assembly. E-4-2 is added to the assembly. E-4-1 is added to the assembly.

Note



E-5

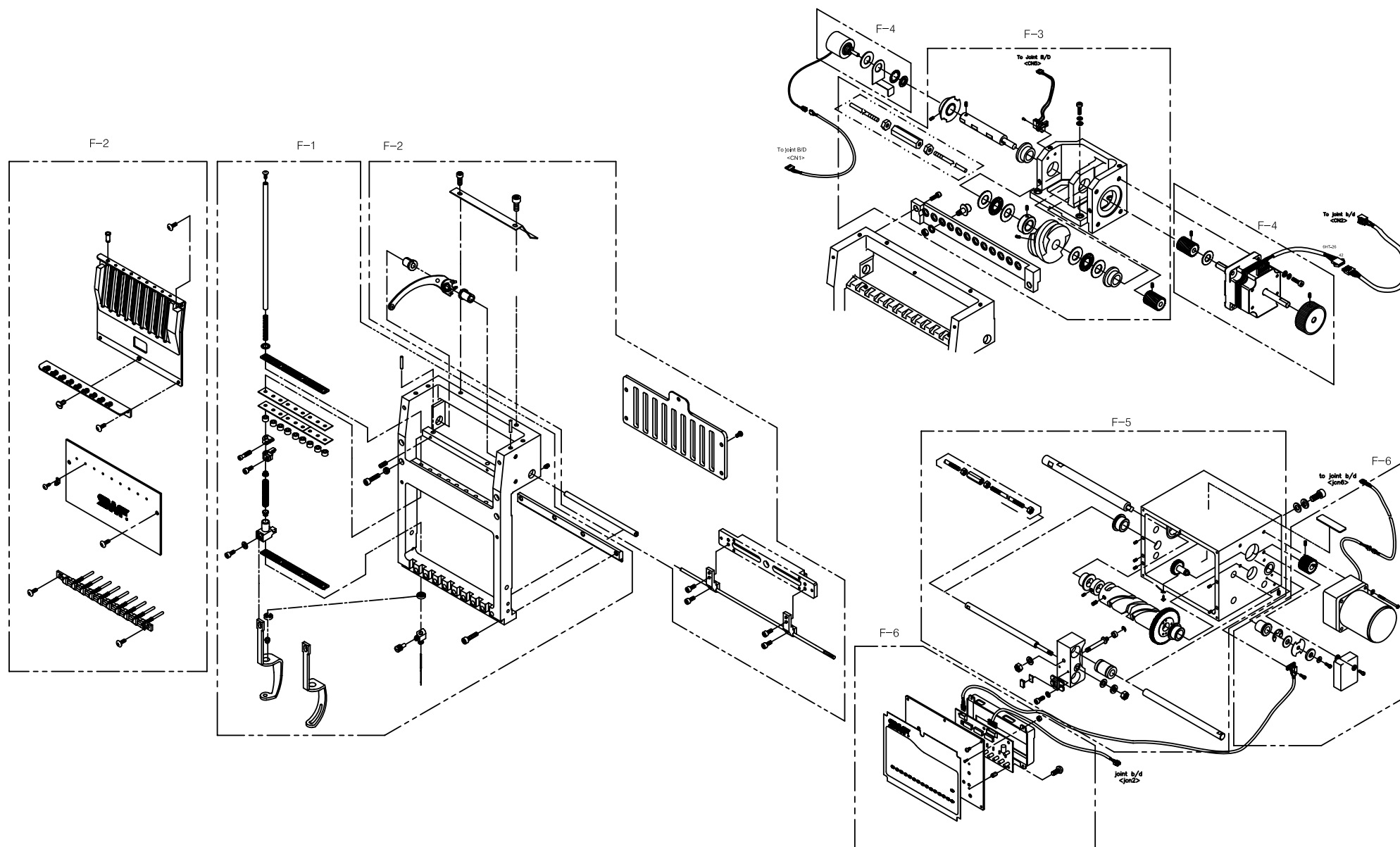
This diagram illustrates the assembly of the E-5 control unit. The main components and their assembly sequence are as follows:

- E-5-1**: The main control unit housing.
- E-5-2**: A screw used to secure the top cover.
- E-5-3**: A screw used to secure the top cover.
- E-5-4**: A screw used to secure the top cover.
- E-5-5**: A cable with a multi-pin connector, labeled "to con. box".
- E-5-6**: A cable with a multi-pin connector, labeled "to con. box".
- E-5-7**: A small circular component, likely a filter or cap, mounted on the side of the unit.
- E-5-8**: A small circular component, likely a filter or cap, mounted on the side of the unit.
- E-5-9**: A square mounting plate with a central circular opening.
- E-5-10**: A screw used to secure the mounting plate.
- E-5-11**: A screw used to secure the mounting plate.
- E-5-12**: A screw used to secure the mounting plate.
- E-5-13**: A small rectangular component, likely a switch or sensor, mounted on the side of the unit.
- E-5-14**: A screw used to secure the mounting plate.
- E-5-15**: A screw used to secure the mounting plate.
- E-5-16**: A screw used to secure the mounting plate.
- E-5-17**: A screw used to secure the mounting plate.
- E-5-18**: A screw used to secure the mounting plate.
- E-5-19**: A screw used to secure the mounting plate.

Note	
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Head & Color Change



F-1

The diagram illustrates the assembly of the F-1 unit, showing the main frame and various internal components. The components are labeled as follows:

- F-1-9: A long vertical rod.
- F-1-8: A long vertical rod.
- F-1-18: A small cylindrical component.
- F-1-34: A small cylindrical component.
- F-1-10: A long horizontal rod.
- F-1-11: A long horizontal rod.
- F-1-12: A small cylindrical component.
- F-1-13: A small cylindrical component.
- F-1-14: A small cylindrical component.
- F-1-15: A small cylindrical component.
- F-1-16: A small cylindrical component.
- F-1-17: A small cylindrical component.
- F-1-22: A small cylindrical component.
- F-1-20: A small cylindrical component.
- F-1-21: A small cylindrical component.
- F-1-28: A small cylindrical component.
- F-1-19: A small cylindrical component.
- F-1-29: A small cylindrical component.
- F-1-23: A small cylindrical component.
- F-1-24: A small cylindrical component.
- F-1-25: A small cylindrical component.
- F-1-26: A small cylindrical component.
- F-1-6: A small cylindrical component.
- F-1-30: A small cylindrical component.
- F-1-1: A small cylindrical component.
- F-1-27: A small cylindrical component.
- F-1-4: A small cylindrical component.
- F-1-5: A small cylindrical component.

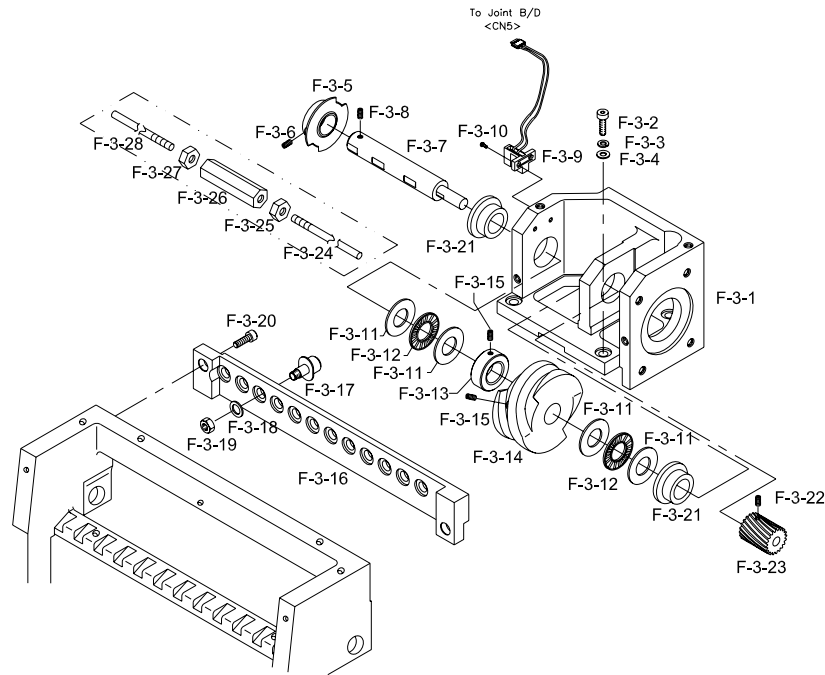
Note	
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F

[illegible][illegible]

F

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)			O	4	
F-3-3	18014SW-3115	Spring Washer (@4-No2)			O	4	
F-3-4	18015SW-3111	Washer (4@)			O	4	
F-3-5	13032AD-UK06	Color Change Film Set				1	
F-3-6	04014SC-4517	Hex.Socket Set Screw (M5*L5)			O	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)			O	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)			O	12	
F-3-19	12010SN-1211	Hex.Nut (M5)			O	12	
F-3-20	18047SC-7113	Hex/ Socket Bolt (M5*L15)			O	2	
F-3-21	GP-006252-00	Color Change Bushing				2	
F-3-22	08113SC-A001	Collar Screw			O	4	
F-3-23	13021GA-UK06	Color Change Gear (R)				1	
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)			O	1	
F-3-26	17051SN-A001	Mes Priving Shaft Joint (UK1206)				1	
F-3-27	13042SN-1111	Hex.Nut (M6*T5-R) (UK1206)			O	1	
F-3-28	06000202UK60	Color Change Shaft "B" (UK606) (UK906) (UK1206)				1	
	23013SH-UK06	Color Change Shaft "B" (UK1206)					
	23013SH-UK16	Color Change Shaft "B" (UK1506)					

F-4

F-4-1

F-4-2

F-4-3

To joint B/D
<CN1>

F-4-4

F-4-5

F-4-12

F-4-6

F-4-9

F-4-8

F-4-7

F-4-11

F-4-10

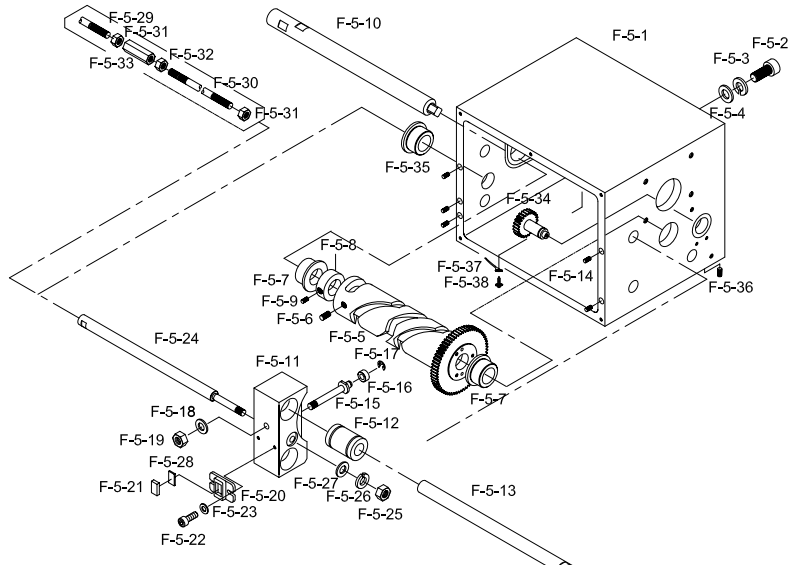
F-4-13

To joint b/d
<CN2>

Note

F

F-5



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-5-1	GP-017008-00	COLOR CHANGE BOX (12C)				1	
	GP-017009-00	COLOR CHANGE BOX (15C)					
F-5-2	03003SC-4113	HEX. SOCKET BOLT "B"(M8*L35)			O	4	
F-5-3	15095SW-3115	SPRING WASHER (@8)			O	4	
F-5-4	04029SW-A001	STUD BOLT WASHER(S) (@8)			O	4	
F-5-5	08110005B000	COLOR CHANGE CAM ASS'Y (15C)				1	
F-5-6	08037AF-4517	HEX. SOCKET SET SCREW M6*L10			O	2	
F-5-7	08101100B000	CAM BUSHING				2	
F-5-8	13012CW-A001	CAM COLLAR				1	
F-5-9	04016AF-A001	CAM COLLAR SCREW			O	2	
F-5-10	13009SF-AB00	CAM SHAFT (12C)				1	
	08100305B000	CAM SHAFT (15C)					
F-5-11	13034AD-A001	COLOR CHANGE BLOCK				1	
F-5-12	13035BR-A001	GUIDE BUSHING				2	
F-5-13	13031SH-AB00	GUIDE SHAFT (12C)				2	
	08100405B000	GUIDE SHAFT (15C)					
F-5-14	03020SC-A001	DRIVE PIN SCREW 11/64,N40,L8			O	5	
F-5-15	ST-000013-00	ROLLER SHAFT	Dec,18,08 ~	X		1	
F-5-16	RL-000001-00	ROLLER	Dec,18,08 ~	X		1	
F-5-17	13044SR-4013	E-RING (@4)				1	
F-5-18	08057SW-1111	WASHER (@6)			O	1	
F-5-19	13042SN-1111	HEX.NUT (M6*T5-R)			O	1	
F-5-20	13036PR-A001	MAGNET HOLDER				1	
F-5-21	10-027C-SC53	MAGNET				1	
F-5-22	22006SC-7113	HEX. SOCKET BOLT (M3*L8)			O	2	
F-5-23	06011SW-2111	WASHER (@3)			O	2	
F-5-24	17054SH-AB00	COLOR CHANGE SHAFT "A" (12C)				1	
	08000205B000	COLOR CHANGE SHAFT "A" (15C)					
F-5-25	13042SN-1111	HEX.NUT (M6*T5-R)			O	1	
F-5-26	03026SW-9115	SPRING WASHER (@6)			O	1	
F-5-27	03025SW-1211	WASHER (@6)			O	1	
F-5-28	08106200B000	MAGNET HOLDER SPACER				1	
F-5-29	06000205UH80	COLOR CHANGE SHAFT C L=1535.5				1	
F-5-30	06000105UH80	COLOR CHANGE SHAFT B L=1555				1	
F-5-31	13042SN-1111	HEX.NUT (M6*T5-R)			O	3	

F-5

This exploded view diagram illustrates the assembly of the F-5 unit. The components are labeled as follows:

- F-5-1**: Main rectangular housing.
- F-5-2**: Cable with connector.
- F-5-3**: Small connector or plug.
- F-5-4**: Small connector or plug.
- F-5-5**: Small connector or plug.
- F-5-6**: Small connector or plug.
- F-5-7**: Small connector or plug.
- F-5-8**: Small connector or plug.
- F-5-9**: Small connector or plug.
- F-5-10**: Long cylindrical component.
- F-5-11**: Small rectangular component.
- F-5-12**: Small connector or plug.
- F-5-13**: Long cylindrical component.
- F-5-14**: Small connector or plug.
- F-5-15**: Small connector or plug.
- F-5-16**: Small connector or plug.
- F-5-17**: Small connector or plug.
- F-5-18**: Small connector or plug.
- F-5-19**: Small connector or plug.
- F-5-20**: Small connector or plug.
- F-5-21**: Small connector or plug.
- F-5-22**: Small connector or plug.
- F-5-23**: Small connector or plug.
- F-5-24**: Long cylindrical component.
- F-5-25**: Small connector or plug.
- F-5-26**: Small connector or plug.
- F-5-27**: Small connector or plug.
- F-5-28**: Small connector or plug.
- F-5-29**: Small connector or plug.
- F-5-30**: Small connector or plug.
- F-5-31**: Small connector or plug.
- F-5-32**: Small connector or plug.
- F-5-33**: Small connector or plug.
- F-5-34**: Small connector or plug.
- F-5-35**: Small connector or plug.
- F-5-36**: Small connector or plug.
- F-5-37**: Small connector or plug.
- F-5-38**: Small connector or plug.

Note

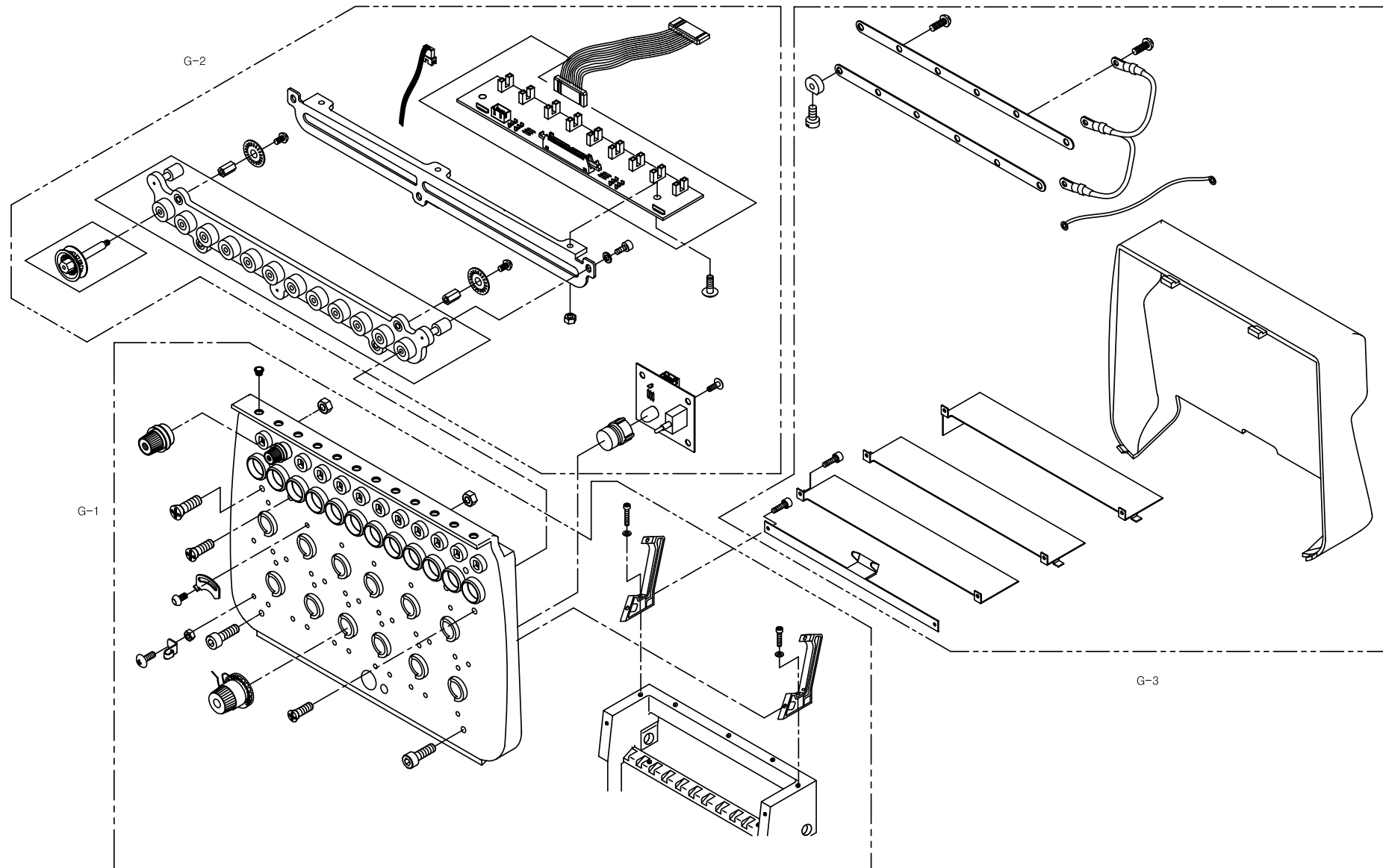
F

[illegible]

Note

F

Thread Tension Unit



G-1

This diagram illustrates the assembly of the G-1 control panel. The main panel, labeled G-1-1, is shown with various components being installed. The components and their assembly points are as follows:

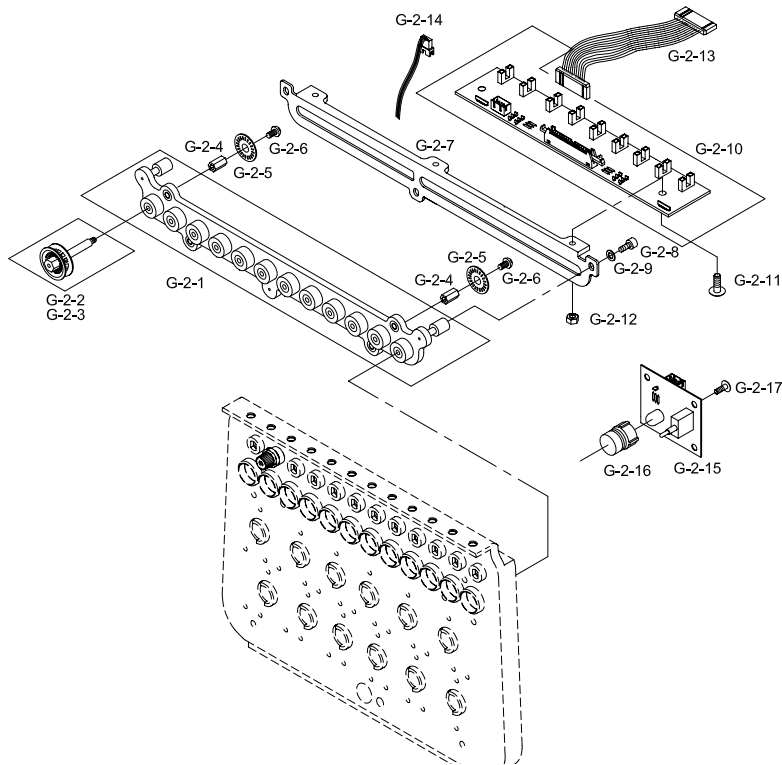
- G-1-13**: A screw for the top edge of the panel.
- G-1-4**: A screw for the top edge of the panel.
- G-1-5**: A knob for the top-left button.
- G-1-2**: A screw for the top-left button.
- G-1-3**: A screw for the top-left button.
- G-1-7**: A switch for the top-left button.
- G-1-8**: A screw for the top-left button.
- G-1-9**: A screw for the top-left button.
- G-1-10**: A screw for the top-left button.
- G-1-11**: A screw for the top-left button.
- G-1-12**: A screw for the top-left button.
- G-1-6**: A knob for the top-left button.
- G-1-2**: A screw for the top-left button.
- G-1-12**: A screw for the top-left button.
- G-1-15**: A screw for the bottom edge of the panel.
- G-1-16**: A screw for the bottom edge of the panel.
- G-1-14**: A screw for the bottom edge of the panel.

The diagram also shows a side view of the panel with a dashed line indicating the location of the bottom edge components.

Note

G

G-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G-2-1	08300702I000	ROLLER BASE (6C)				4	
	08300703I000	ROLLER BASE (9C)					
	08300704I000	ROLLER BASE (12C)					
	08300705I000	ROLLER BASE (15C)					
G-2-2	11075PM-B001	Thread Sensor Roller(B1)Set (6C)				24	
	11075PM-B001	Thread Sensor Roller(B1)Set (12C)				48	
	11075PM-B001	Thread Sensor Roller(B1)Set (15C)				28	
G-2-3	11076PM-B001	Thread Sensor Roller(B2)Set (15C)				32	
G-2-4	08308300B000	THREAD DETECTING WHEEL STUD (6C)				24	
	11083CW-B001	THREAD DETECTING WHEEL STUD (9C)				36	
	08308300B000	THREAD DETECTING WHEEL STUD (12C)				48	
	11083CW-B001	THREAD DETECTING WHEEL STUD (15C)				60	
G-2-5	GP-005179-00	THREAD BREAKAGE DETECTING WHEEL				48	
G-2-6	08011SC-8118	Screw (M2*L4)			O	48	
G-2-7	08300202I000	BOARD BASE (6C)				4	
	08300203I000	BOARD BASE (9C)					
	08300204I000	BOARD BASE (12C)					
	08300205I000	BOARD BASE (15C)					
G-2-8	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	12	
G-2-9	06003SW-2111	Washer (@4)			O	12	
G-2-10	18009EL-WH06	WHEEL SENSOR BOARD (6C)				4	
	20009EL-WH09	WHEEL SENSOR BOARD (9C)					
	20009EL-WH12	WHEEL SENSOR BOARD (12C)					
	20009EL-WH15	WHEEL SENSOR BOARD (15C)					
G-2-11	02010SC-3123	Truss Screw (M4*L8)			O	12	
G-2-12	05016SN-1211	Hex.Nut (M4)			O	12	
G-2-13	02102200U000	Plate To B/B Cable				4	
G-2-14	02101800B000	Plate Led S/W Board Cable				4	
G-2-15	03-0000-EMB1	Head On/Off S/W Board 6C,12C				4	
	02-0000-EMB1	Head On/Off S/W Board 9C,15C					
G-2-16	08300400A000	Lamp Cover				4	
G-2-17	09005SC-3123	Truss Screw (M3*L6)			O	48	

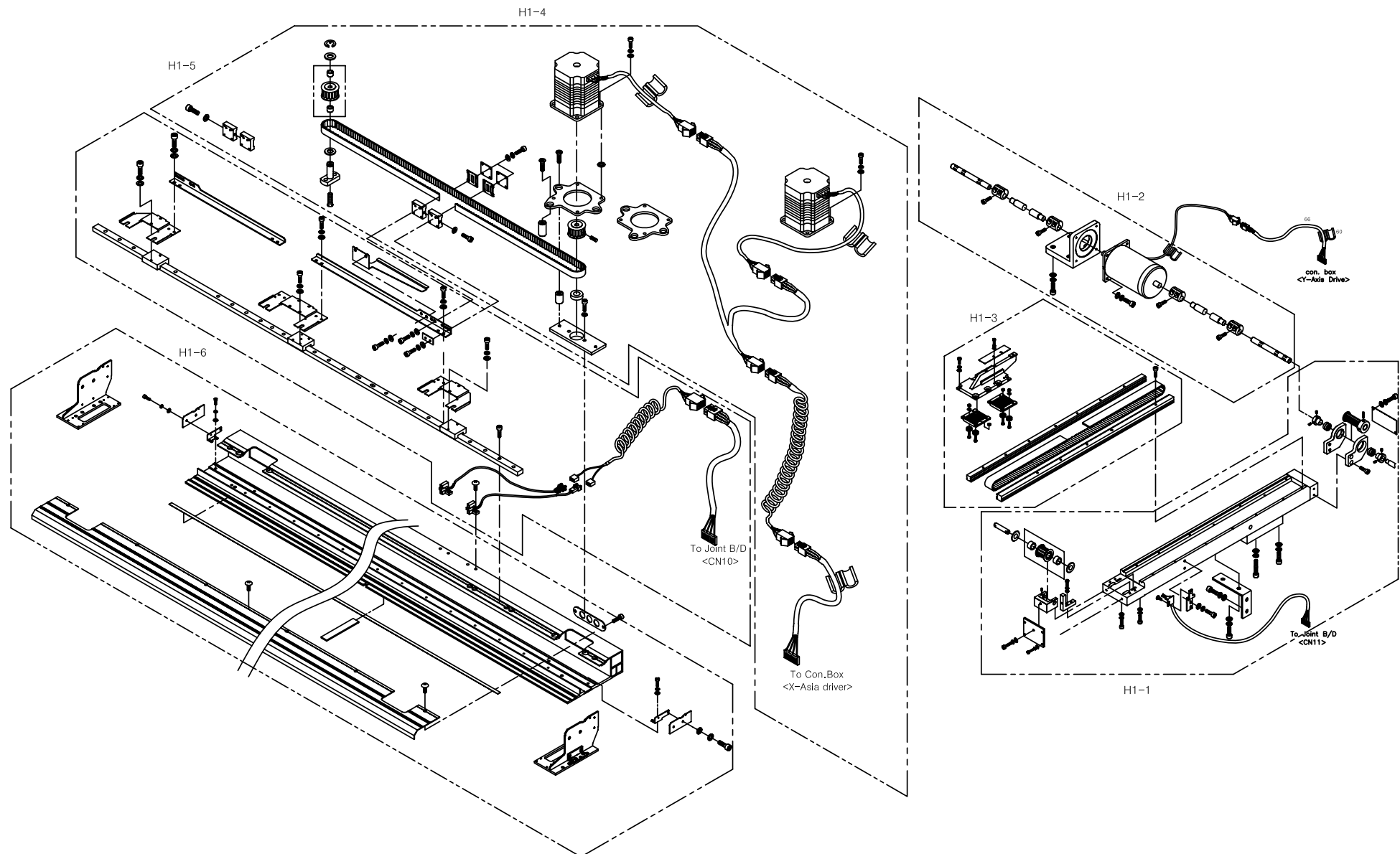
This exploded view diagram illustrates the assembly of the rear seat. The components are labeled as follows:

- G-3-1:** The main seat base frame.
- G-3-2:** Two vertical support rails connecting the base to the backrest.
- G-3-3:** A horizontal rail connecting the two vertical supports.
- G-3-4:** A horizontal rail connecting the vertical supports to the backrest.
- G-3-5:** A horizontal rail connecting the vertical supports to the backrest.
- G-3-6:** The rear seat backrest.
- G-3-7:** A long cable or hose running along the top of the seat base.
- G-3-8:** Two electrical connectors or cables.
- G-3-9:** A cable or hose with a connector.
- G-3-10:** A cable or hose with a connector.
- G-3-11:** A small electrical connector or plug.

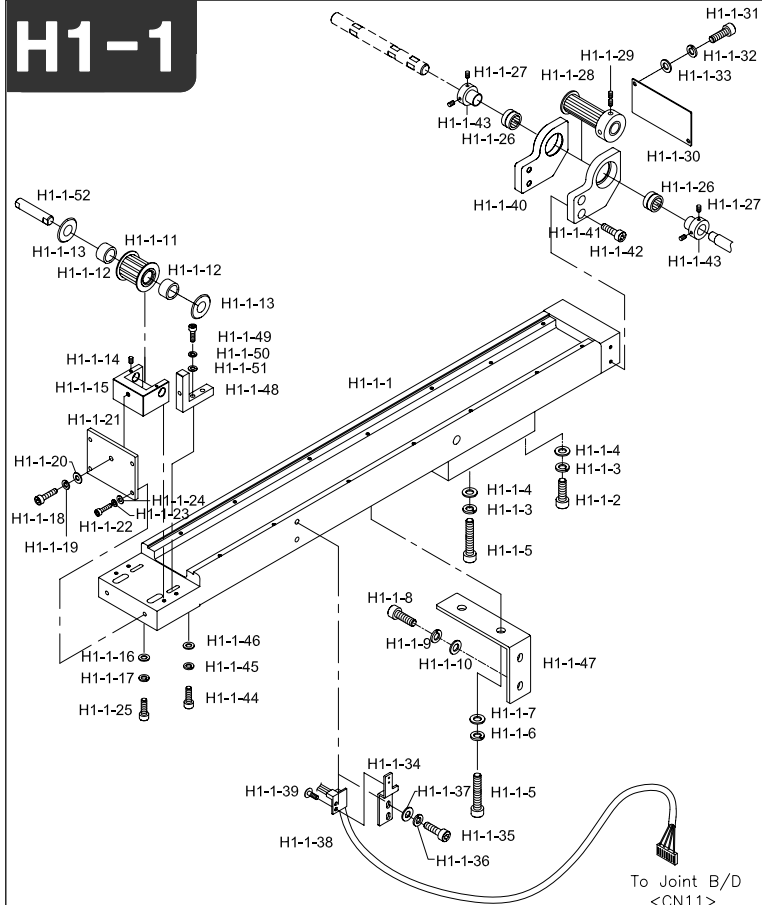
The diagram shows how these components are assembled together to form the rear seat structure.



X-Y Drive (UK1202-45)



H1-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-1-1	GP-004930-00	X-Cam Roller Guide Rail Frame	Sep.02,04 ~ Mar,12,06			1	
	GP-004930-01		Mar,13,06 ~			1	
H1-1-2	15017SC-4113	Hex. Socket Bolt (M8*L45)			O	4	
H1-1-3	04029SW-A001	Stud Bolt Washer(S) (@8)			O	8	
H1-1-4	15020SC-4113	Hex.Socket Bolt (M8*L50)			O	4	
H1-1-5	14002SC-7113	Hex.Socket Bolt (M6*L15)			O	4	
H1-1-6	16014SW-4115	Spring Washer (@6)			O	4	
H1-1-7	08057SW-1111	Washer (@6)			O	4	
H1-1-8	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	8	
H1-1-9	18048SW-3115	Spring Washer (@5)			O	8	
H1-1-10	16018SW-1111	Washer (@5)			O	8	
H1-1-11	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
H1-1-12	15001PU-UK01	Timing Pulley "A"				2	
H1-1-13	12019BR-T121	Fiber Washer R-Tw1020				4	
H1-1-14	08007SC-4517	Hex. Socket Set Screw (M3*L5)			O	4	
H1-1-15	03100500UH00	Y-Tension Adjusting Bracket				2	
H1-1-16	16014SW-4115	Spring Washer (@6)			O	4	
H1-1-17	08057SW-1111	Washer (@6)			O	4	
H1-1-18	16028SC-7113	Hex. Socket Bolt (M5*L25)			O	2	
H1-1-19	18048SW-3115	Spring Washer (@5)			O	2	
H1-1-20	16018SW-1111	Washer (@5)			O	2	
H1-1-21	03100600UH00	Tension Adjust Plate				2	
H1-1-22	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	6	
H1-1-23	02028SW-9115	Spring Washer (@4)			O	6	
H1-1-24	05009SW-1111	Washer (@4-L)			O	6	
H1-1-25	08062SC-7113	HEX. SOCKET BOLT (M5*L20)			O	4	
H1-1-26	13026BR-T121	Needle Bearing (6002Z)				4	
H1-1-27	04012AF-A001	Hook Shaft Bush Screw				8	
H1-1-28	04001000U000	Trimming Pulley				2	
H1-1-29	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	8	
H1-1-30	03101100UH00	Y-Bearing Bracket Cover				2	
H1-1-31	07035SC-7113	Hex. Socket Bolt (M3*L6)			O	4	
H1-1-32	11019SW-9115	Spring Washer (@3)			O	4	
H1-1-33	06011SW-2111	Washer (@3)			O	4	
H1-1-34	03101300UH00	Sensor Bracket				1	
H1-1-35	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	1	
H1-1-36	02028SW-9115	Spring Washer (@4)			O	2	

H1-1

Exploded view diagram of the H1-1 assembly, showing various components and their assembly points. The diagram includes a main frame (H1-1-1) and numerous sub-components like rollers, guides, and fasteners, each labeled with a part number. A cable is shown connected to the bottom of the frame, leading to a joint labeled "To Joint B/D <CN11>".

Key components and part numbers shown:

- Main Frame:** H1-1-1
- Rollers/Idlers:** H1-1-11, H1-1-12, H1-1-13, H1-1-14, H1-1-15, H1-1-16, H1-1-17, H1-1-25
- Guides/Supports:** H1-1-18, H1-1-19, H1-1-20, H1-1-21, H1-1-22, H1-1-23, H1-1-24, H1-1-26, H1-1-27, H1-1-28, H1-1-29, H1-1-30, H1-1-31, H1-1-32, H1-1-33, H1-1-34, H1-1-35, H1-1-36, H1-1-37, H1-1-38, H1-1-39
- Fasteners:** H1-1-40, H1-1-41, H1-1-42, H1-1-43, H1-1-44, H1-1-45, H1-1-46, H1-1-47, H1-1-48, H1-1-49, H1-1-50, H1-1-51, H1-1-52
- Cable:** Connected to Joint B/D <CN11>

Note

H1

H1-2

This exploded view diagram illustrates the assembly of the H1-2 unit. The components are labeled as follows:

- H1-2-1**: Main housing or base plate.
- H1-2-2**, **H1-2-3**, **H1-2-4**: Screws used for mounting the housing.
- H1-2-5**: A cylindrical component, likely a motor or actuator, mounted to the housing.
- H1-2-6**, **H1-2-7**, **H1-2-8**: Screws and washers for securing the cylindrical component.
- H1-2-9**: A small cylindrical component, possibly a bearing or bush, located at both ends of the main assembly.
- H1-2-10**, **H1-2-11**: Screws and washers for the end components.
- H1-2-12**: A long, thin cylindrical component, likely a shaft or rod, passing through the assembly.
- H1-2-13**: A long, thin cylindrical component, likely a shaft or rod, at the opposite end.
- H1-2-14**: A cable with a connector, labeled with the number **60**.

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

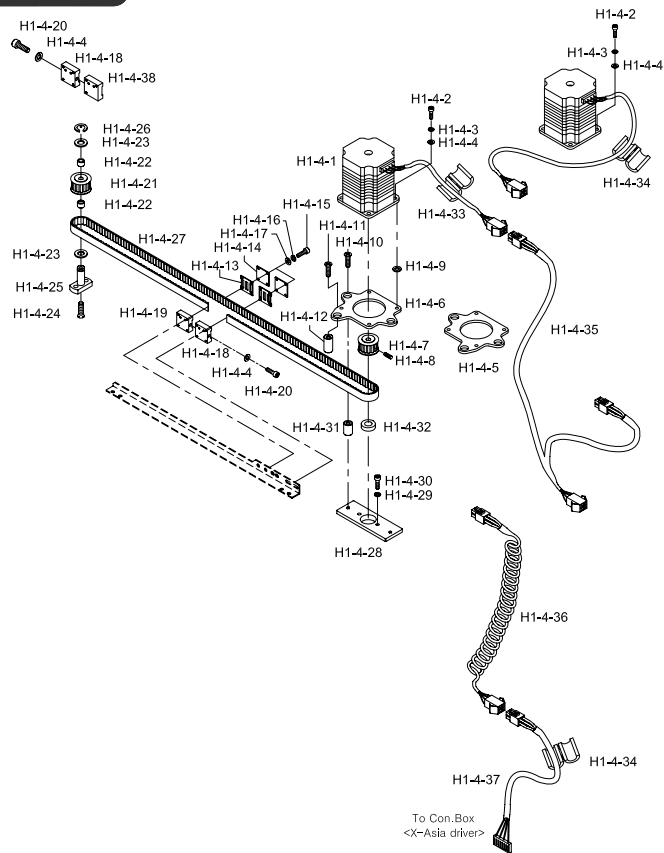
Note

H1

Note

H1

H1-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H1-4-1	05100100T000	X-Motor (103H7126-2851)				2	
H1-4-2	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H1-4-3	18048SW-3115	Spring Washer (@5)			O	12	
H1-4-4	16018SW-1111	Washer (@5)			O	8	
H1-4-5	15060PR-UK02	X-Motor Base(L)				1	
H1-4-6	15061PR-UK02	X-Motor Base(R)				1	
H1-4-7	14063PU-UK01	Timing Pulley "B"				2	
H1-4-8	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	4	
H1-4-9	15059PR-UK02	X-Motor Space				8	
H1-4-10	15053SC-4119	Plus Screw (M5*L30)			O	4	
H1-4-11	15055SC-4119	Plus Screw (M5*L35)			O	2	
H1-4-12	14067AD-UK01	Motor Fixing Shaft (B)				2	
H1-4-13	14051PR-UK01	Fixing Plate				4	
H1-4-14	14052PR-UK01	Fixing Plate Holder				4	
H1-4-15	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			O	16	
H1-4-16	11019SW-9115	Spring Washer (3@)			O	16	
H1-4-17	08011SW-1111	Spring Washer (@3-S)			O	16	
H1-4-18	14045AD-UK01	Belt Bracket (B)				2	
H1-4-19	14049AD-UK01	Belt Bracket (C)				1	
H1-4-20	15034SC-4113	Hex. Socket Boit (M4*L45)			O	2	
H1-4-21	12017PU-T121	Timing Pulley "A"				2	
H1-4-22	12018BR-T121	Nedle Bearing Hk1010(Ina)				4	
H1-4-23	12019BR-T121	Fiber Washer R-Tw1020				4	
H1-4-24	15048SC-4119	Plus Screw (M5*L12)			O	2	
H1-4-25	03106000U000	Timing Pulley Driving Pin				2	
H1-4-26	08044SR-4013	E-Ring (@8)				2	
H1-4-27	12048BT-T121	X-Axis Timing Belt				1	
H1-4-28	03000100U020	X-Motor Fixing Block				2	
H1-4-29	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H1-4-30	18048SW-3115	Spring Washer (@5)			O	12	
H1-4-31	14065AD-UK01	Motor Fixing Shaft (A)				4	
H1-4-32	15077BR-A001	Ball Bearing (698Zz)				2	
H1-4-33	15044EL-T121	Bid (S)				2	
H1-4-34	15045EL-UK01	Bid (L)				1	
H1-4-35	25013EL-UK02	X-Step Motor Driving Power 3				1	
H1-4-36	25019EL-T121	Power Cable 2 (1Ht-19)				1	
H1-4-37	02101300U040	X-Step Motor Driving Power				1	
H1-4-38	14049AD-UK01	Belt Bracket (C)				1	

H1-5

The diagram illustrates the assembly of the H1-5 unit. It shows a long main rail (H1-5-1) with various components being attached. The components and their assembly order are as follows:

- H1-5-1**: Main rail assembly.
- H1-5-3**: Bracket attached to the main rail.
- H1-5-6**: Screws used to secure components.
- H1-5-7**: Screws used to secure components.
- H1-5-8**: Screws used to secure components.
- H1-5-9**: Long bracket attached to the main rail.
- H1-5-10**: Bracket attached to the main rail.
- H1-5-11**: Screws used to secure components.
- H1-5-12**: Screws used to secure components.
- H1-5-13**: Screws used to secure components.
- H1-5-14**: Bracket attached to the main rail.
- H1-5-15**: Cable connector attached to the main rail.
- H1-5-16**: Cable connector attached to the main rail.
- H1-5-17**: Cable connector attached to the main rail.
- H1-5-18**: Cable connector attached to the main rail.
- H1-5-19**: Cable connector attached to the main rail.
- H1-5-20**: Cable connector attached to the main rail.
- H1-5-21**: Cable connector attached to the main rail.

The diagram also shows the connection of the main rail to the joint B/D <CN10>.

Note

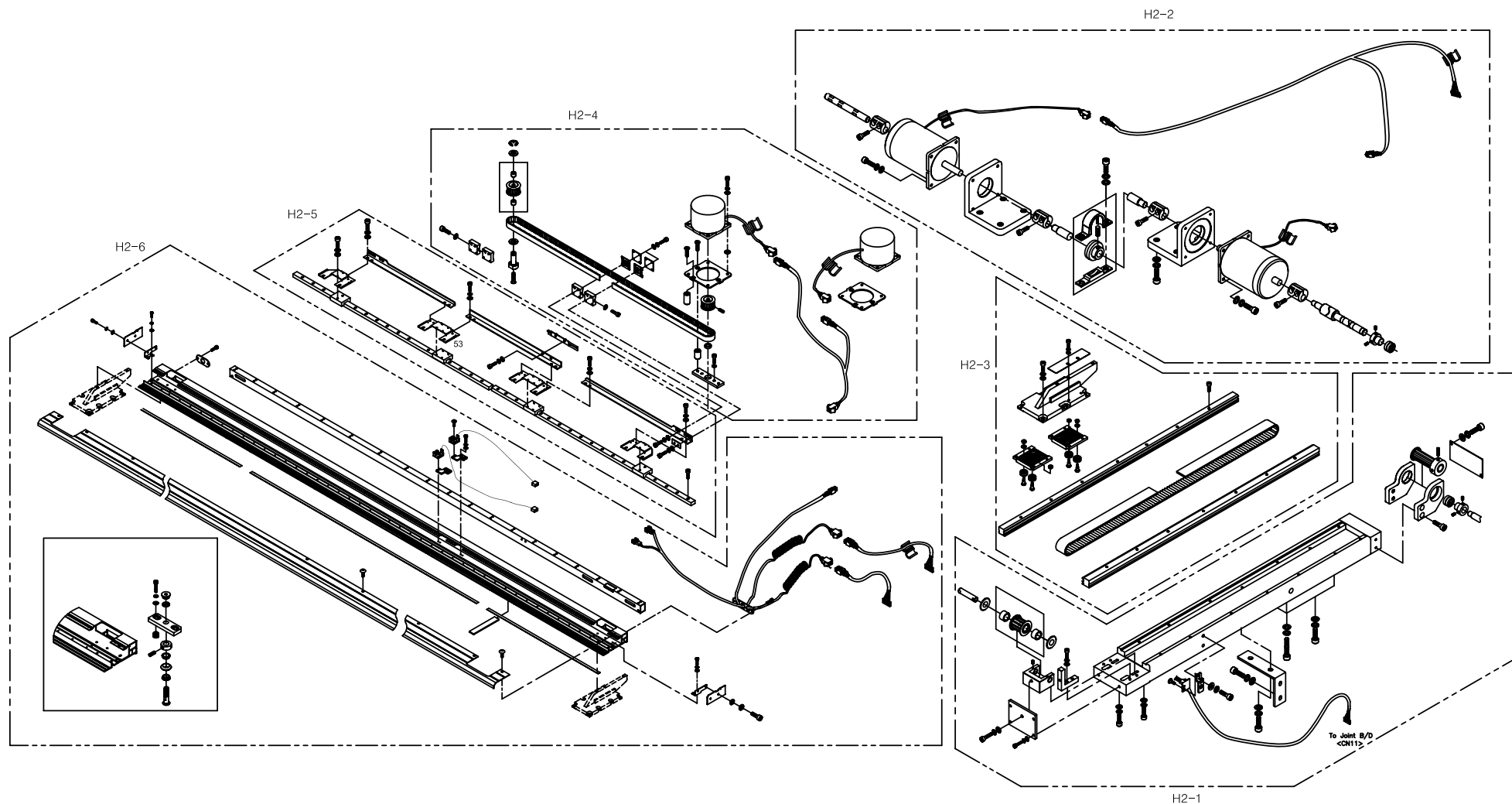
H1

This diagram illustrates the exploded view of the H1-6-1 assembly. The main components shown are:

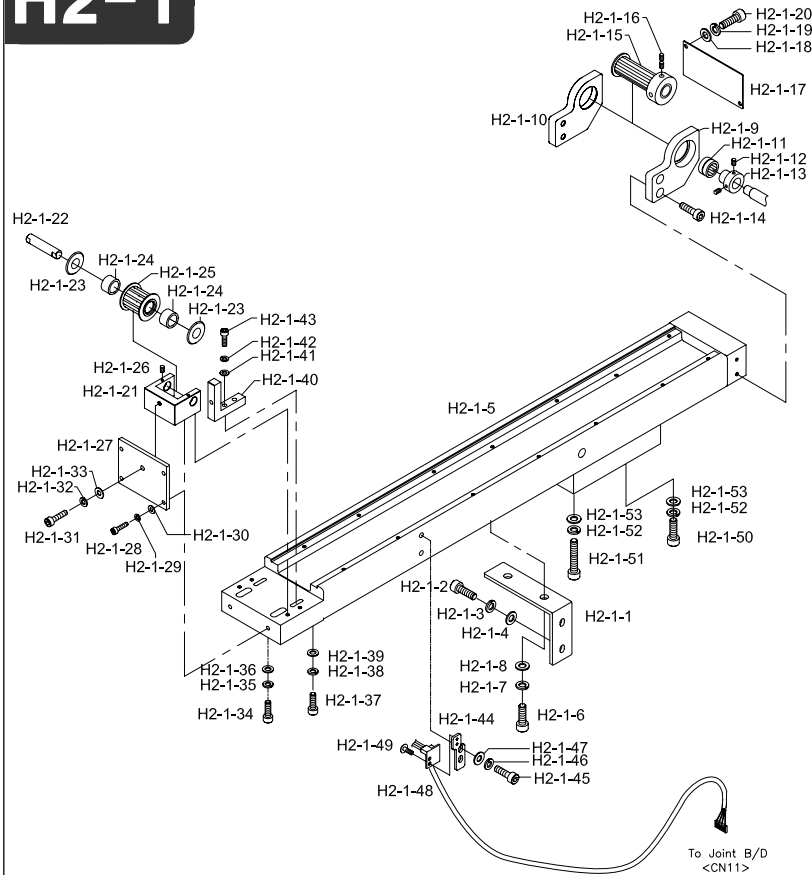
- H1-6-1**: The main horizontal assembly rail.
- H1-6-2**: A long vertical support rail.
- H1-6-3**: A small vertical support pin.
- H1-6-4**: A small vertical support pin.
- H1-6-5**: A horizontal support rail.
- H1-6-6**: A horizontal support rail.
- H1-6-7**: A small vertical support pin.
- H1-6-8**: A small vertical support pin.
- H1-6-9**: A small vertical support pin.
- H1-6-10**: A small vertical support pin.
- H1-6-11**: A small vertical support pin.
- H1-6-12**: A small vertical support pin.
- H1-6-13**: A small vertical support pin.
- H1-6-14**: A small vertical support pin.
- H1-6-15**: A small vertical support pin.
- H1-6-16**: A small vertical support pin.
- H1-6-17**: A small vertical support pin.
- H1-6-18**: A small vertical support pin.

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

X-Y Drive (UK1204-45)



H2-1



Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-1-1	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H2-1-2	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	4	
H2-1-3	18048SW-3115	Spring Washer (@5)			O	4	
H2-1-4	16018SW-1111	Washer (@5)			O	4	
H2-1-5	03100200UH01	Y-Lm Guide Frame (L650)				2	
H2-1-6	14006SC-7113	HEX.SOCKET SET SCREW(M8*L15)			O	4	
H2-1-7	15095SW-3115	SPRING WASHER (@8)			O	4	
H2-1-8	08041SW-1111	WASHER (@8-S)			O	4	
H2-1-9	03100900UH00	Y-Bearing Bracket (L)				2	
H2-1-10	03101000UH00	Y-Bearing Bracket (R)				2	
H2-1-11	13026BR-T121	Needle Bearing (6002Z)				4	
H2-1-12	04012AF-A001	Hook Shaft Bush Screw				8	
H2-1-13	03002700T000	Bearing Collar				4	
H2-1-14	16059SC-7113	HEX.SOCKET BOLT (M6*L12)			O	8	
H2-1-15	04001000U000	TIMING PULLEY(16-S5M-32F)				2	
H2-1-16	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	8	
H2-1-17	03101100UH00	Y-Bearing Bracket Cover				2	
H2-1-18	06011SW-2111	WASHER (@3)			O	4	
H2-1-19	11019SW-9115	Spring Washer (3@)			O	4	
H2-1-20	07035SC-7113	Bracket Screw (M3*L6)			O	4	
H2-1-21	03100500UH00	Y-Tension Adjusting Bracket				2	
H2-1-22	16100CW-UK06	Timing Pulley Shaft (Y)				2	
H2-1-23	15046RB-A001	Driving Pin Washer (Tw1225)				4	
H2-1-24	15042BR-A001	Needle Bearing (1210Zz)				4	
H2-1-25	04500100U000	TIMING PULLEY(16-S5M-32F)				2	
H2-1-26	08007SC-4517	Hex. Socket Set Screw (M3*L5)			O	4	
H2-1-27	03100600UH00	Tension Adjusting Plate				2	
H2-1-28	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	6	
H2-1-29	02028SW-9115	Spring Washer (@4)			O	6	
H2-1-30	05009SW-1111	Washer (@4-L)			O	6	
H2-1-31	16028SC-7113	HEX. SOCKET BOLT (M5*L25)			O	2	
H2-1-32	18048SW-3115	Spring Washer (5@)			O	2	
H2-1-33	18049SW-3111	Washer (@5)			O	2	
H2-1-34	08062SC-7113	Hex. Socket Bolt (M5*L20)			O	4	
H2-1-35	18048SW-3115	Spring Washer (5@)			O	4	
H2-1-36	18049SW-3111	Washer (@5)			O	4	
H2-1-37	11029SC-4113	HEX. SOCKET BOLT (M4*L20)			O	2	

Note

H2-1

Diagram illustrating the assembly of the H2-1 component, showing various parts and their assembly sequence:

- H2-1-1: Main assembly frame.
- H2-1-2, H2-1-3, H2-1-4, H2-1-7, H2-1-8, 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, H2-1-40, H2-1-41, H2-1-42, H2-1-43, H2-1-44, H2-1-45, H2-1-46, H2-1-47, H2-1-48, H2-1-49, H2-1-50, H2-1-51, H2-1-52, H2-1-53.

To Joint B/D <CN11>

Note

H2

This exploded view diagram illustrates the assembly of the H2-2-19 unit. The components are labeled as follows:

- H2-2-14**: A long, thin cylindrical component with a flange at one end.
- H2-2-6**: A small cylindrical component with a flange.
- H2-2-13**: A small cylindrical component with a flange.
- H2-2-3**: A small cylindrical component with a flange.
- H2-2-4**: A small cylindrical component with a flange.
- H2-2-5**: A small cylindrical component with a flange.
- H2-2-18**: A cable with a connector at one end.
- H2-2-2**: A cylindrical component with a flange.
- H2-2-1**: A square plate with a central circular opening and four mounting holes.
- H2-2-6**: A small cylindrical component with a flange.
- H2-2-7**: A small cylindrical component with a flange.
- H2-2-8**: A small cylindrical component with a flange.
- H2-2-10**: A small cylindrical component with a flange.
- H2-2-11**: A small cylindrical component with a flange.
- H2-2-12**: A small cylindrical component with a flange.
- H2-2-9**: A small cylindrical component with a flange.
- H2-2-8**: A small cylindrical component with a flange.
- H2-2-13**: A small cylindrical component with a flange.
- H2-2-22**: A small cylindrical component with a flange.
- H2-2-21**: A small cylindrical component with a flange.
- H2-2-20**: A small cylindrical component with a flange.
- H2-2-1**: A square plate with a central circular opening and four mounting holes.
- H2-2-2**: A cylindrical component with a flange.
- H2-2-18**: A cable with a connector at one end.
- H2-2-6**: A small cylindrical component with a flange.
- H2-2-5**: A small cylindrical component with a flange.
- H2-2-4**: A small cylindrical component with a flange.
- H2-2-3**: A small cylindrical component with a flange.
- H2-2-7**: A small cylindrical component with a flange.
- H2-2-16**: A small cylindrical component with a flange.
- H2-2-15**: A small cylindrical component with a flange.
- H2-2-17**: A small cylindrical component with a flange.

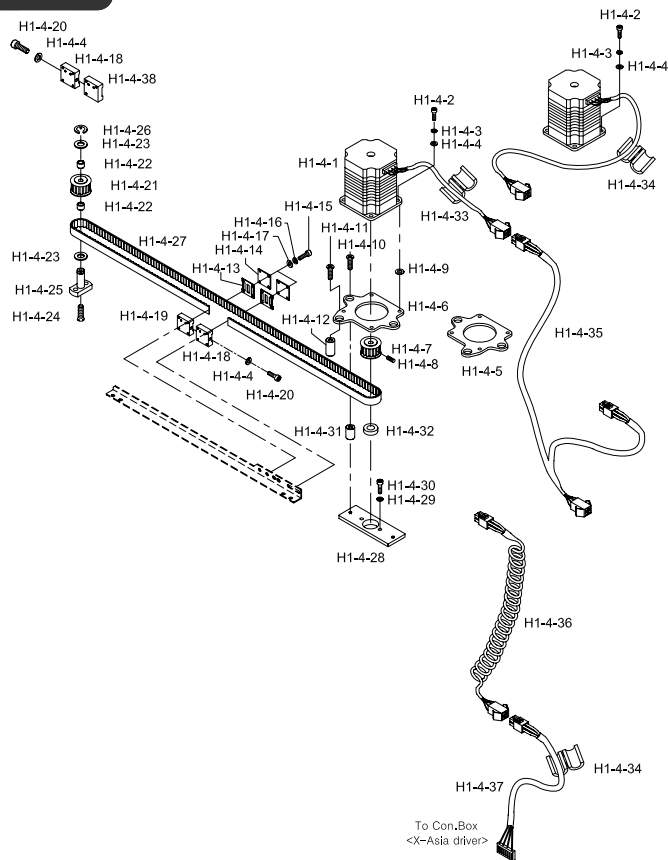
Note	
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H2

Diagram illustrating the assembly of the H2-3-1 component, showing various sub-components and their assembly order:

- H2-3-16
- H2-3-17
- H2-3-18
- H2-3-15
- H2-3-5
- H2-3-6
- H2-3-7
- H2-3-4
- H2-3-13
- H2-3-10
- H2-3-11
- H2-3-8
- H2-3-14
- H2-3-12
- H2-3-9
- H2-3-2
- H2-3-10
- H2-3-11
- H2-3-8
- H2-3-14
- H2-3-9
- H2-3-12
- H2-3-13
- H2-3-1
- H2-3-3
- H2-3-1

H2-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-4-1	15076AF-UK01	X-Motor (103H8221-5044)				2	
H2-4-2	14075PR-UK01	Motor Base (R)				1	
H2-4-3	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H2-4-4	18048SW-3115	Spring Washer (@5)			O	12	
H2-4-5	16018SW-1111	Washer (@5)			O	8	
H2-4-6	15061PR-UK01	Motor Space (@5*@11*2T)				8	
H2-4-7	14065AD-UK01	Motor Fixing Shaft (A)				4	
H2-4-8	15053SC-4119	Plus Screw (M5*L30)			O	4	
H2-4-9	14067AD-UK01	Motor Fixing Shaft (B)				2	
H2-4-10	15055SC-4119	Plus Screw (M5*L35)			O	2	
H2-4-11	14069AD-UK01	Motor Block				2	
H2-4-12	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H2-4-13	18048SW-3115	Spring Washer (@5)			O	12	
H2-4-14	14071BR-UK01	Bearing Bc616Zz				2	
H2-4-15	14063PU-UK01	Timing Pulley "B"				2	
H2-4-16	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	4	
H2-4-17	12048BT-T121	X-Axis Timing Belt				2	
H2-4-18	14049AD-UK01	Belt Bracket (C)				1	
H2-4-19	14048AD-UK01	Belt Bracket (A)				1	
H2-4-20	14045AD-UK01	Belt Bracket (B)				2	
H2-4-21	15034SC-4113	Hex. Socket Boit (M4*L45)			O	2	
H2-4-22	18015SW-3111	Washer (4@)			O	2	
H2-4-23	14051PR-UK01	Fixing Plate				4	
H2-4-24	14052PR-UK01	Fixing Plate Holder				4	
H2-4-25	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	4	
H2-4-26	18014SW-3115	Spring Washer (@4-No2)			O	12	
H2-4-27	18015SW-3111	Washer (4@)			O	12	
H2-4-28	12017PU-T121	Timing Pulley "A"				2	
H2-4-29	12018BR-T121	Neddle Bearing Hk1010(Ina)				4	
H2-4-30	12019BR-T121	Fiber Washer R-Tw1020				4	
H2-4-31	08044SR-4013	E-Ring (@8)				2	
H2-4-32	03106000U000	Timing Pulley Driving Pin				2	
H2-4-33	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	4	
H2-4-34	15044EL-T121	Bid (S)				2	
H2-4-35	14074PR-UK01	Motor Base (L)				1	
H2-4-36	25014EL-UK01	Calble (4Ht-14)				1	

H2-5

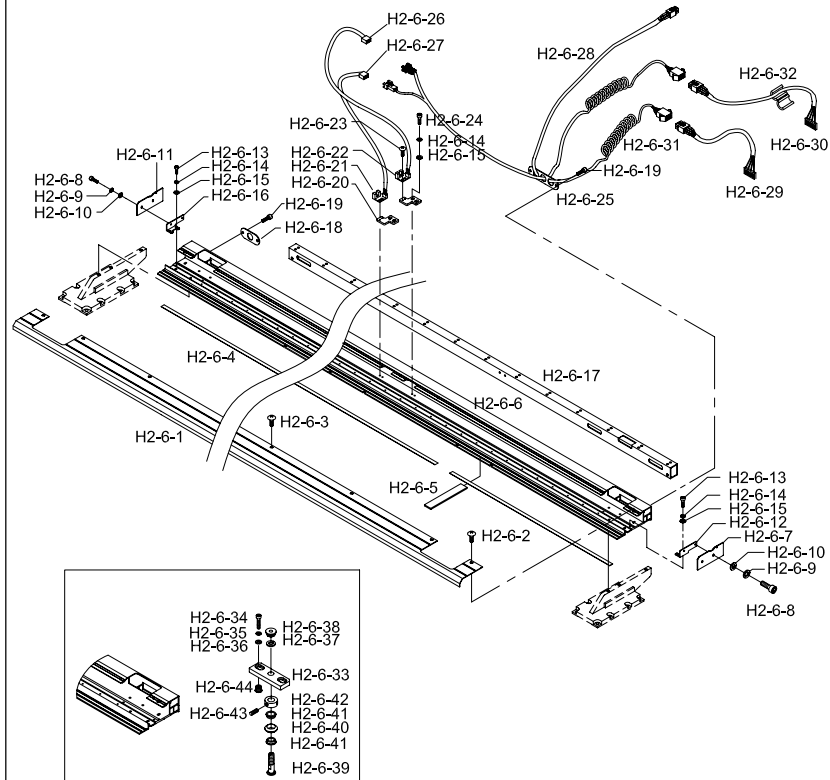
The diagram illustrates the assembly of the H2-5 system. The main component is a long, narrow base rail (H2-5-1) with a series of mounting slots. Various brackets and rails are attached to this base rail using screws and bolts. The components are labeled as follows:

- H2-5-1: Main base rail
- H2-5-2: End bracket
- H2-5-3: Mounting bracket
- H2-5-4: Mounting bracket
- H2-5-5: Mounting bracket
- H2-5-6: Screw
- H2-5-7: Screw
- H2-5-8: Screw
- H2-5-9: Rail
- H2-5-10: Rail
- H2-5-11: Rail
- H2-5-12: Screw
- H2-5-13: Screw
- H2-5-14: Screw
- H2-5-15: Mounting bracket
- H2-5-16: End bracket

The assembly is shown in a perspective view, with the base rail (H2-5-1) running horizontally. The components are arranged in a line, with the end bracket (H2-5-2) at the right end. The mounting brackets (H2-5-3, H2-5-4, H2-5-5) are attached to the base rail using screws (H2-5-6, H2-5-7, H2-5-8). The rails (H2-5-9, H2-5-10, H2-5-11) are attached to the mounting brackets using screws (H2-5-12, H2-5-13, H2-5-14). The end bracket (H2-5-16) is attached to the base rail using a screw (H2-5-15).

Note

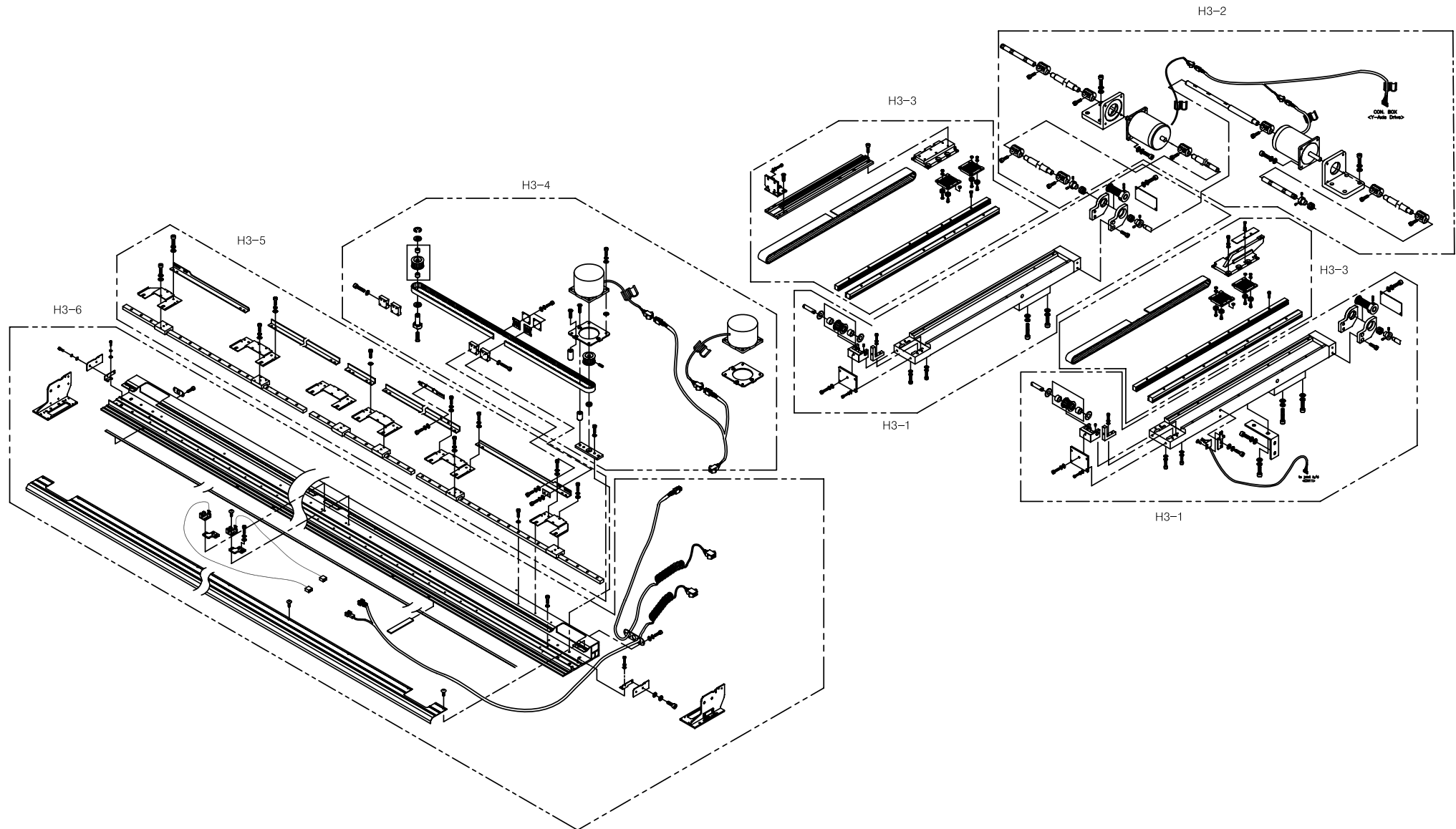
H2-6



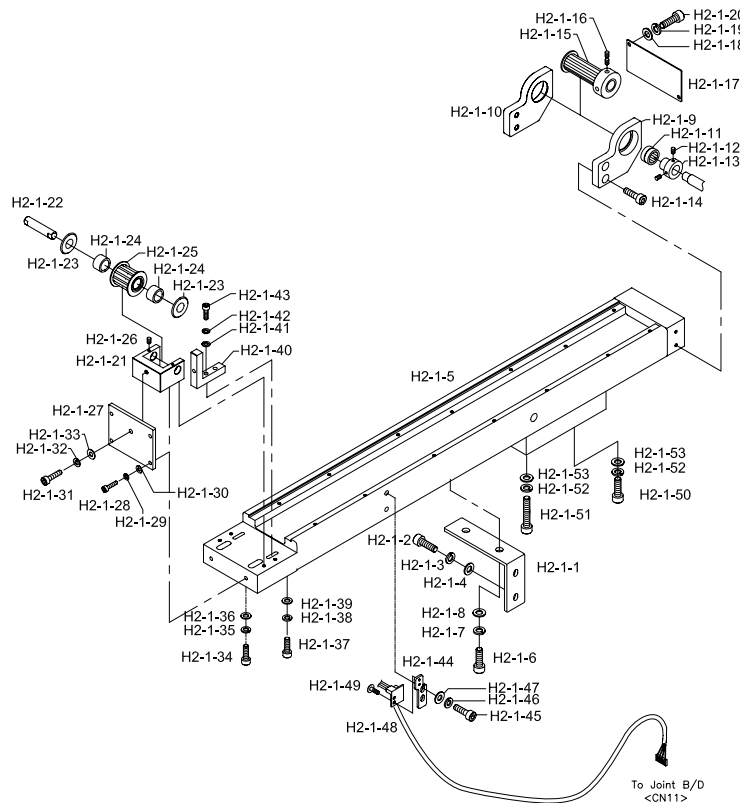
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H2-6-1	03201300UK40	X-Cover (L=2635)				1	
H2-6-2	15042SC-3123	Truss Screw (M4*L6)			O	12	
H2-6-3	18153SC-3123	Plus Screw (M4*L10)			O	2	
H2-6-4	03200700UK40	Tubular Frame Rail Plate				1	
H2-6-5	03201800UH00	Felt (190*30*1.5T)				4	
H2-6-6	GP-014076-00	X-LM GUIDE FRAME L2635				1	
H2-6-7	GP-005107-00	X-AXIS FRAME SIDE COVER (R)				1	
H2-6-8	15042SC-3123	Truss Screw (M4*L6)			O	4	
H2-6-9	18015SW-3111	WASHER (4@)			O	4	
H2-6-10	18014SW-3115	SPRING WASHER (@4-NO2)			O	4	
H2-6-11	GP-005106-00	X-AXIS FRAME SIDE COVER (L)				1	
H2-6-12	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)				1	
H2-6-13	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	8	
H2-6-14	18014SW-3115	Spring Washer (@4-No2)			O	8	
H2-6-15	05009SW-1111	Washer (@4-L)			O	8	
H2-6-16	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)				1	
H2-6-17	GP-012663-00	X-Frame Support Bar				1	
H2-6-18	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H2-6-19	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			O	4	
H2-6-20	15067PR-UK01	Sensor Plate				2	
H2-6-21	03201700UH00	X-Positioning Sensor				1	
H2-6-22	03201600UH00	X-Positioning Sensor				1	
H2-6-23	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	8	
H2-6-24	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			O	4	
H2-6-25	15087PR-UK02	Cable Plate For Bushing				1	
H2-6-26	25052EL-UK01	LAST-SENSOR (BLACK) 4HT-52				1	
H2-6-27	25053EL-UK01	LAST-SENSOR (WHITE) 4HT-53				1	
H2-6-28	25019EL-T121	Power Cable 2 (1Ht-19)				1	
H2-6-29	25041EL-UK01	X Original In (4Ht-41)				1	
H2-6-30	15045EL-UK01	Bid (L)				1	
H2-6-31	25038EL-UK06	Cable (25-38)				1	
H2-6-32	02101300U040	Cable (Sh-13-1)				1	
H2-6-33	15100CL-UK01	Roller Fixed Plate				2	
H2-6-34	03006MC-8118	PLUS SCREW (M3*L6)			O	4	
H2-6-35	18014SW-3115	Spring Washer (@4-No2)			O	4	
H2-6-36	18015SW-3111	Washer (4@)			O	4	
H2-6-37	15095SW-3115	Spring Washer (@8)			O	2	

Note

X-Y Drive (UK1206-45)



H3-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-1-1	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H3-1-2	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	4	
H3-1-3	18048SW-3115	Spring Washer (@5)			O	52	
H3-1-4	16018SW-1111	Washer (@5)			O	52	
H3-1-5	14002SC-7113	Hex.Socket Bolt (M6*L15)			O	4	
H3-1-6	16014SW-4115	Spring Washer (@6)			O	4	
H3-1-7	08057SW-1111	Washer (@6)			O	12	
H3-1-8	03100200UH81	Y-Lm Guide Support "A" (L)				1	
H3-1-9	03100900UH00	Y-Bearing Bracket(L)				2	
H3-1-10	03101000UH00	Y-Bearing Bracket(R)				2	
H3-1-11	16059SC-7113	Hex. Socket Bolt (M6*L12)			O	8	
H3-1-12	13026BR-T121	Needle Bearing (6002Z)				8	
H3-1-13	04012AF-A001	Hook Shaft Bush Screw			O	16	
H3-1-14	03002700T000	Bearing Collar				8	
H3-1-15	04001000U000	Timing Pulley "B"				2	
H3-1-16	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	8	
H3-1-17	03101100UH00	Y-Bearing Bracket Cover				2	
H3-1-18	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	8	
H3-1-19	02028SW-9115	Spring Washer (@4)			O	22	
H3-1-20	05009SW-1111	Washer (@4-L)			O	22	
H3-1-21	16122PR-UK06	Y-Lm Guide Support Cover (B)				2	
H3-1-22	04001000U000	TIMING PULLEY(16-S5M-32F)				1	
H3-1-23	14060AF-4517	Hex.Socket Screw(M6*L6)			O	8	
H3-1-24	03100500UH00	Y-Tension Adjusting Bracket				2	
H3-1-25	08007SC-4517	Hex. Socket Set Screw (M3*L5)			O	8	
H3-1-26	03100700UH90	Plate for Y-Sensor				4	
H3-1-27	11029SC-4113	Hex. Socket Bolt (M4*L20)			O	8	
H3-1-28	18014SW-3115	Spring Washer (@4)			O	8	
H3-1-29	18015SW-3111	Washer (@4)			O	8	
H3-1-30	12019BR-T121	Fiber Washer R-Tw1020				4	
H3-1-31	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
H3-1-32	04500100U000	Timing Pulley "A"				2	
H3-1-33	03004200U000	Timing Pulley Pin (Y)				2	
H3-1-34	03100600UH00	Tension Adjusting Plate				2	
H3-1-35	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	6	
H3-1-36	02028SW-9115	Spring Washer (@4)			O	22	
H3-1-37	05009SW-1111	Washer (@4-L)			O	22	

H3-2

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

- CON. BOX <Y-Axis Drive>**: The central control unit.
- H3-2-1**: Motor assembly.
- H3-2-2**: Mounting plate for the motor.
- H3-2-3**: Coupling or connector.
- H3-2-4**: Coupling or connector.
- H3-2-5**: Coupling or connector.
- H3-2-6**: Coupling or connector.
- H3-2-7**: Coupling or connector.
- H3-2-8**: Coupling or connector.
- H3-2-9**: Coupling or connector.
- H3-2-10**: Coupling or connector.
- H3-2-11**: Coupling or connector.
- H3-2-12**: Coupling or connector.
- H3-2-13**: Coupling or connector.
- H3-2-14**: Coupling or connector.
- H3-2-15**: Coupling or connector.
- H3-2-16**: Coupling or connector.
- H3-2-17**: Coupling or connector.
- H3-2-18**: Cable or hose.

The assembly sequence is indicated by the numbers in the diagram, showing the progression from the motor and control box to the final assembly of the various couplings and connectors.

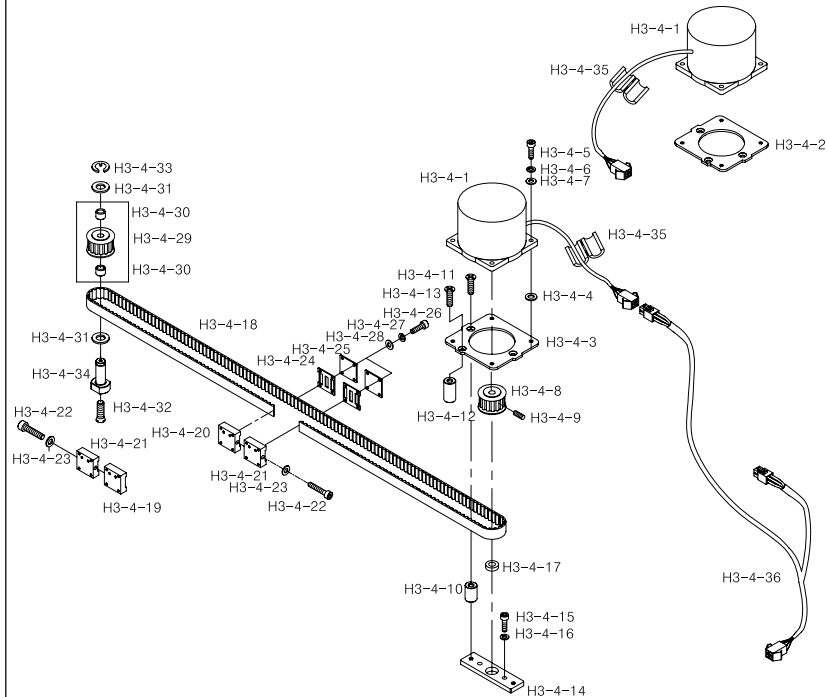
Note

H3

Note

H3

H3-4



Note

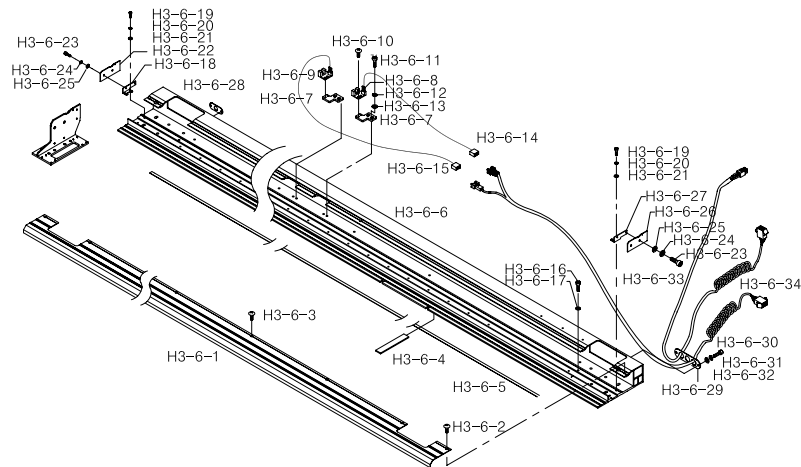
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-4-1	15076AF-UK01	X-MOTOR (103H8221-5044)				2	
H3-4-2	14074PR-UK01	Motor Base (L)				1	
H3-4-3	14075PR-UK01	Motor Base (R)				1	
H3-4-4	15061PR-UK01	Motor Space (@5*11*2T)				8	
H3-4-5	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H3-4-6	18048SW-3115	Spring Washer (@5)			O	12	
H3-4-7	16018SW-1111	Washer (@5)			O	8	
H3-4-8	14063PU-UK01	Timing Pulley "B"				2	
H3-4-9	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	4	
H3-4-10	14065AD-UK01	Motor Fixing Shaft (A)				4	
H3-4-11	15053SC-4119	Plus Screw (M5*L30)			O	4	
H3-4-12	14067AD-UK01	Motor Fixing Shaft (B)				2	
H3-4-13	15055SC-4119	Plus Screw (M5*L35)			O	2	
H3-4-14	14069AD-UK01	Motor Block				2	
H3-4-15	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H3-4-16	18048SW-3115	Spring Washer (@5)			O	12	
H3-4-17	14071BR-UK01	Bearing Bc616Zz				2	
H3-4-18	12048BT-T121	X-Axis Timing Belt				2	
H3-4-19	14049AD-UK01	Belt Bracket (C)				1	
H3-4-20	14048AD-UK01	Belt Bracket (A)				1	
H3-4-21	14045AD-UK01	Belt Bracket (B)				2	
H3-4-22	15034SC-4113	Hex. Socket Boit (M4*L45)			O	2	
H3-4-23	05009SW-1111	Washer (@4-L)			O	2	
H3-4-24	14051PR-UK01	Fixing Plate				4	
H3-4-25	14052PR-UK01	Fixing Plate Holder				4	
H3-4-26	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			O	16	
H3-4-27	11019SW-9115	Spring Washer (3@)			O	40	
H3-4-28	08011SW-1111	Spring Washer (@3-S)			O	40	
H3-4-29	12017PU-T121	Timing Pulley "A"				2	
H3-4-30	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
H3-4-31	12019BR-T121	Fiber Washer R-Tw1020				4	
H3-4-32	15048SC-4119	Plus Screw (M5*L12)			O	2	
H3-4-33	08044SR-4013	E-Ring (@8)				2	
H3-4-34	03106000U000	Timing Pulley Driving Pin				2	
H3-4-35	15044EL-T121	Bid (S)				2	
H3-4-36	25010EL-UK06	Cable (25-10)				1	

H3

Note	
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H3

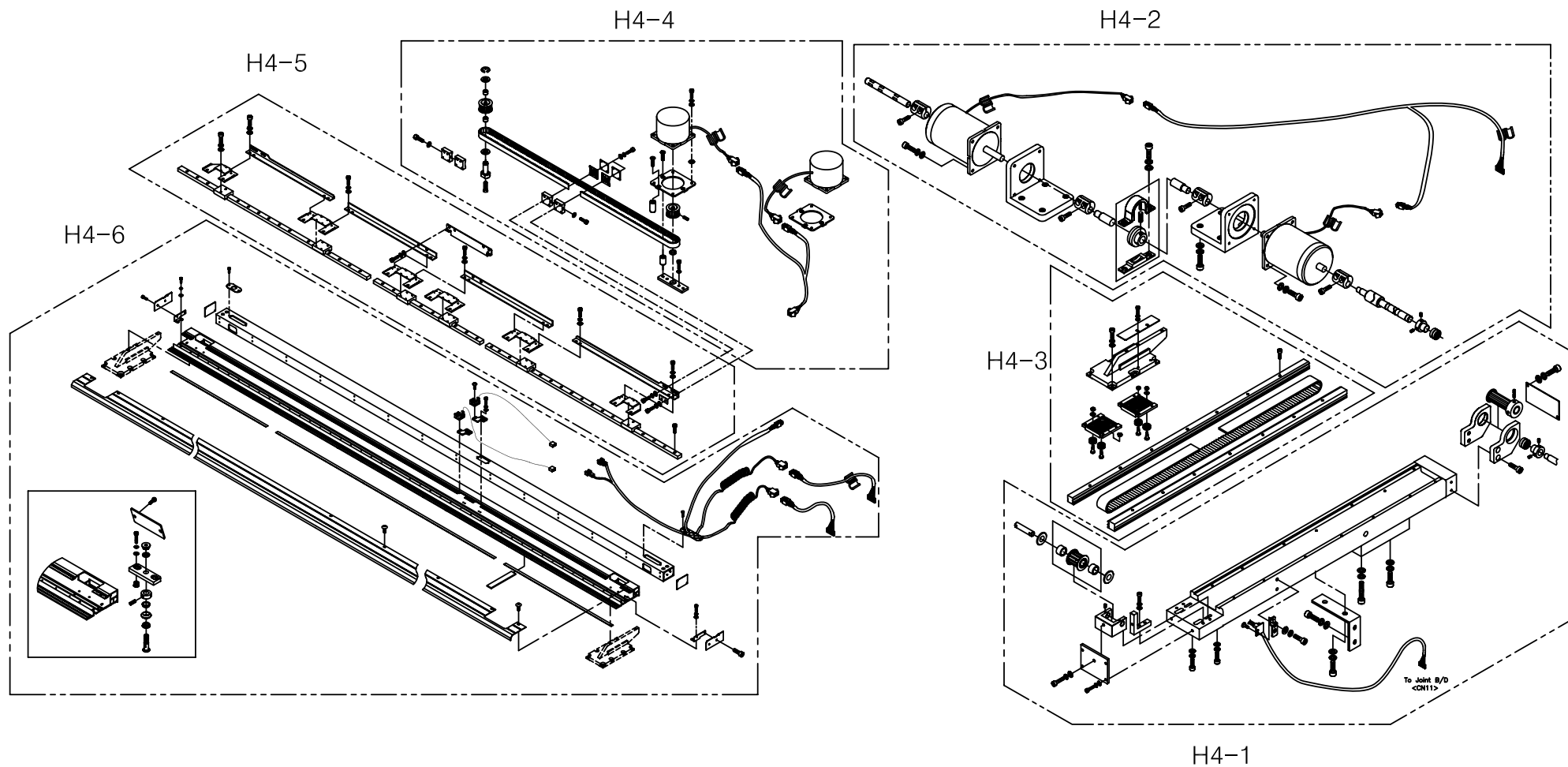
H3-6



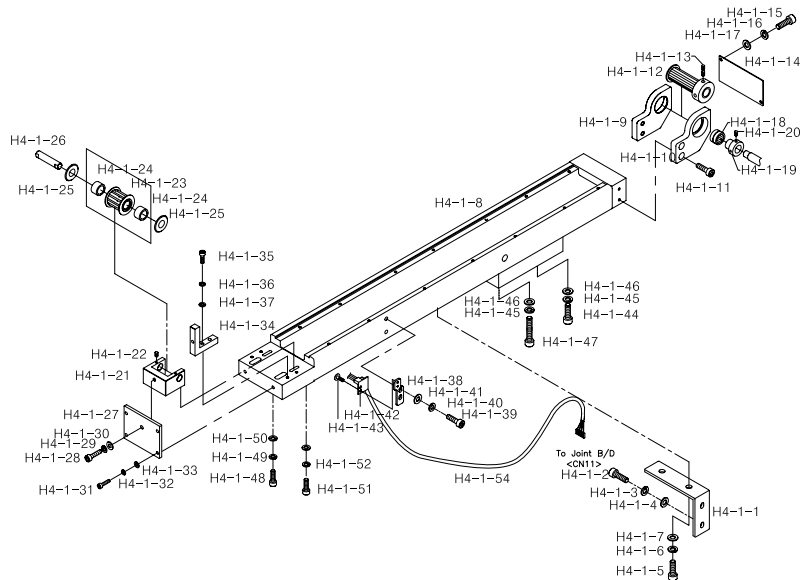
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H3-6-1	GP-008150-00	X-Frame Cover L=3639	Mar,22,05 ~ May,17,05			1	
	GP-008150-01		May,18,05 ~			1	
H3-6-2	15042SC-3123	Truss Screw (M4*L6)			O	17	
H3-6-3	18153SC-3123	Plus Screw (M4*L10)			O	2	
H3-6-4	15062SF-T121	Felt				6	
H3-6-5	03200600UK60	TUBULAR FRAME RAIL PLATE (L3630)				1	
H3-6-6	GP-008149-00	X-FRAME (L3661)	Mar,22,05 ~ Jun,01,05			1	
	GP-008149-01		Jun,02,05 ~			1	
H3-6-7	15067PR-UK01	Sensor Plate				2	
H3-6-8	15043EL-UK01	X-Positioning Sensor				1	
H3-6-9	15044EL-UK01	X-Positioning Sensor				1	
H3-6-10	03006MC-8118	PLUS SCREW (M3*L6)			O	4	
H3-6-11	02015SC-7113	HEX.SOCKET BOLT (M4*L10)			O	4	
H3-6-12	02028SW-9115	Spring Washer (@4)			O	28	
H3-6-13	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	26	
H3-6-14	25052EL-UK01	Last-Sensor (Black) 4Ht-52				1	
H3-6-15	25053EL-UK01	Last-Sensor (White) 4Ht-53				1	
H3-6-16	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			O	94	
H3-6-17	08011SW-1111	Spring Washer (@3-S)			O	40	
H3-6-18	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)				1	
H3-6-19	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	8	
H3-6-20	18014SW-3115	Spring Washer (@4-No2)			O	8	
H3-6-21	05009SW-1111	Washer (@4-L)			O	8	
H3-6-22	GP-005106-00	X-AXIS FRAME SIDE COVER (L)				1	
H3-6-23	15042SC-3123	Truss Screw (M4*L6)			O	4	
H3-6-24	18015SW-3111	WASHER (4@)			O	4	
H3-6-25	18014SW-3115	SPRING WASHER (@4-NO2)			O	4	
H3-6-26	GP-005107-00	X-AXIS FRAME SIDE COVER (R)				1	
H3-6-27	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)				1	
H3-6-28	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H3-6-29	15087PR-UK02	Cable Plate For Bushing				1	
H3-6-30	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	4	
H3-6-31	18014SW-3115	Spring Washer (@4-No2)			O	2	
H3-6-32	18015SW-3111	Washer (4@)			O	2	
H3-6-33	25009EL-UK06	Cable (25-09)				1	
H3-6-34	25038EL-UK06	Cable (25-38)				1	
H3-6-35	25041EL-UK01	X Original In (4Ht-41)				1	
H3-6-36	15045EL-UK01	Bid (L)				1	

X-Y Drive (UH1506C-45)



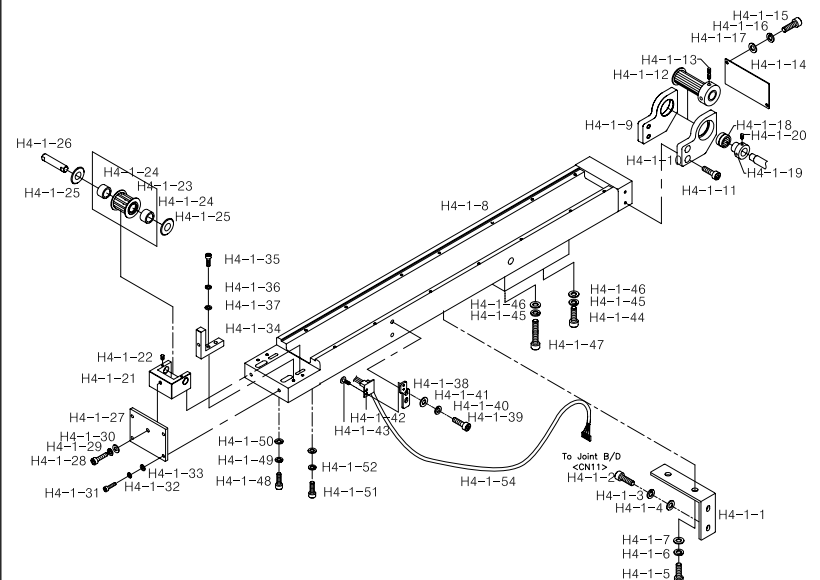
H4-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H4-1-1	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H4-1-2	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	4	
H4-1-3	18048SW-3115	Spring Washer (@5)			O	4	
H4-1-4	16018SW-1111	Washer (@5)			O	4	
H4-1-5	14002SC-7113	Hex.Socket Bolt (M6*L15)			O	4	
H4-1-6	16014SW-4115	Spring Washer (@6)			O	4	
H4-1-7	08057SW-1111	Washer (@6)			O	4	
H4-1-8	03100200UH01	Y-Lm Guide Frame (L650)				2	
H4-1-9	03100900UH00	Y-Bearing Bracket (L)				2	
H4-1-10	03101000UH00	Y-Bearing Bracket (R)				2	
H4-1-11	08091SC-7113	Hex. Socket Bolt (M6*L20)			O	8	
H4-1-12	04001000U000	TIMING PULLEY(16-S5M-32F)				2	
H4-1-13	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	8	
H4-1-14	03101100UH00	Y-Bearing Bracket Cover				2	
H4-1-15	07035SC-7113	Bracket Screw (M3*L6)			O	4	
H4-1-16	11019SW-9115	Spring Washer (3@)			O	4	
H4-1-17	08011SW-1111	Spring Washer (@3-S)			O	4	
H4-1-18	13026BR-T121	Needle Bearing (6002Z)				4	
H4-1-19	03002700T000	Bearing Collar				4	
H4-1-20	04012AF-A001	Hook Shaft Bush Screw			O	8	
H4-1-21	03100500UH00	Y-Tension Adjusting Bracket				2	
H4-1-22	08007SC-4517	Hex. Socket Set Screw (M3*L5)			O	4	
H4-1-23	04500100U000	TIMING PULLEY(16-S5M-32F)				2	
H4-1-24	15042BR-A001	Needle Bearing (1210Zz)				4	
H4-1-25	15046RB-A001	Driving Pin Washer (Tw1225)				4	
H4-1-26	16100CW-UK06	Timing Pulley Shaft (Y)				2	
H4-1-27	03100600UH00	Tension Adjusting Plate				2	
H4-1-28	15030SC-7113	Hex. Socket Bolt (M5*L30)			O	2	
H4-1-29	18048SW-3115	Spring Washer (5@)			O	2	
H4-1-30	18049SW-3111	Washer (@5)			O	2	
H4-1-31	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	8	
H4-1-32	02028SW-9115	Spring Washer (@4)			O	8	
H4-1-33	05009SW-1111	Washer (@4-L)			O	8	
H4-1-34	03100700UH00	Fixed Block				4	
H4-1-35	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	4	
H4-1-36	18014SW-3115	Spring Washer (@4-No2)			O	4	
H4-1-37	18015SW-3111	Washer (4@)			O	4	

H4-1



Note

[illegible]

H4

H4-2

The diagram illustrates the assembly of the H4-2 motor. Key components and their assembly sequence are as follows:

- Motor Assembly (H4-2-1):** The central component, a cylindrical motor with a square mounting flange.
- Mounting Flange (H4-2-2):** A square plate that fits onto the motor's flange, secured by screws H4-2-9, H4-2-10, and H4-2-11.
- Terminal Block (H4-2-3):** A component that connects to the motor's wiring, secured by screws H4-2-4 and H4-2-5.
- Wiring (H4-2-20, H4-2-21):** Two cables with connectors that plug into the terminal block and the motor's internal wiring.
- Mounting Bracket (H4-2-6):** A U-shaped bracket that secures the motor assembly to a surface, using screws H4-2-12, H4-2-13, and H4-2-14.
- Adjustment Screws (H4-2-15, H4-2-16):** Two screws used to adjust the tension of the mounting bracket.
- Internal Components (H4-2-17, H4-2-18, H4-2-19):** A series of small components, including a spring and a pin, that are part of the motor's internal mechanism.

Note

H4

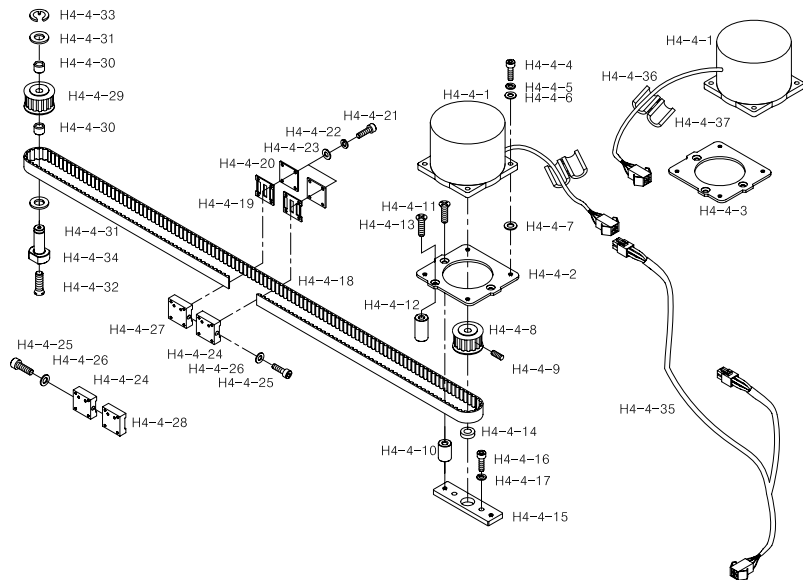
H4-3

The diagram illustrates the assembly of the H4-3 component. The main assembly sequence is as follows:

- H4-3-1** (Base Rail) and **H4-3-2** (Cover Rail) are the primary structural components.
- H4-3-3** (Screw) is used to secure the cover rail to the base rail.
- H4-3-4** (Bracket) is attached to the base rail using **H4-3-5** (Screw), **H4-3-6** (Washer), and **H4-3-7** (Nut).
- H4-3-8** (Bracket) is attached to the base rail using **H4-3-9** (Screw), **H4-3-10** (Washer), and **H4-3-11** (Nut).
- H4-3-12** (Screw) and **H4-3-13** (Washer) are used to secure the **H4-3-8** bracket.
- H4-3-14** (Screw) is used to secure the **H4-3-8** bracket.
- H4-3-15** (Bracket) is attached to the base rail using **H4-3-16** (Screw), **H4-3-17** (Washer), and **H4-3-18** (Nut).

Note

H4-4



Note

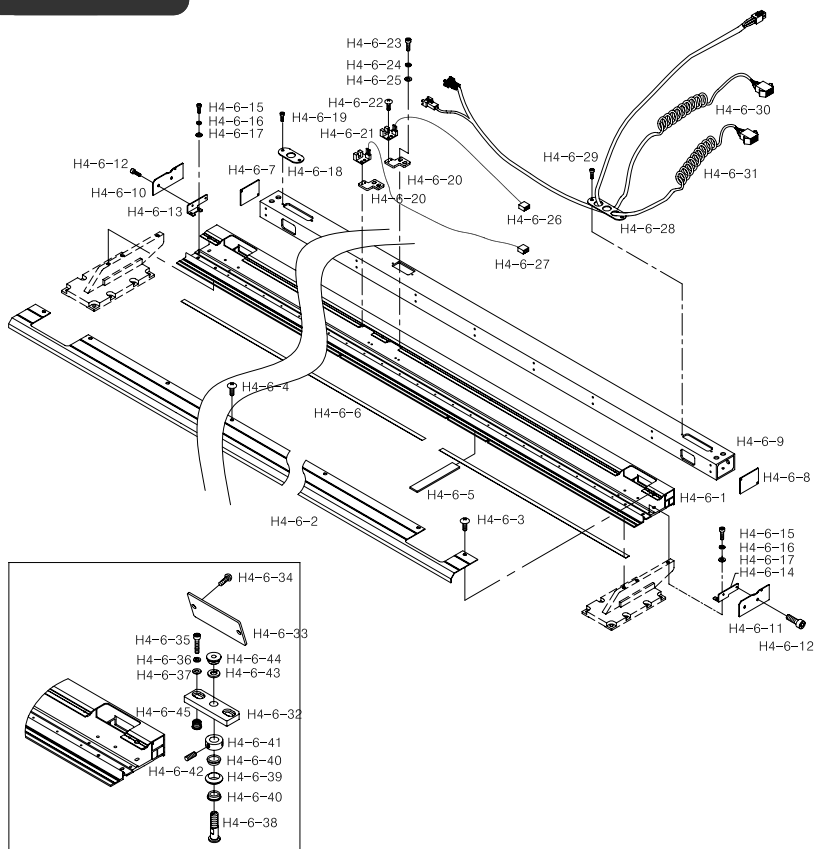
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H4-4-1	15076AF-UK01	X-Motor				2	
H4-4-2	14074PR-UK01	Motor Base (L)				1	
H4-4-3	14075PR-UK01	Motor Base (R)				1	
H4-4-4	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	12	
H4-4-5	18048SW-3115	Spring Washer (@5)			O	12	
H4-4-6	16018SW-1111	Washer (@5)			O	8	
H4-4-7	15061PR-UK01	Motor Space (@5*@11*2T)				8	
H4-4-8	14063PU-UK01	Timing Pulley "B"				2	
H4-4-9	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	4	
H4-4-10	14065AD-UK01	Motor Fixing Shaft (A)				4	
H4-4-11	15053SC-4119	Plus Screw (M5*L30)			O	4	
H4-4-12	14067AD-UK01	Motor Fixing Shaft (B)				2	
H4-4-13	15055SC-4119	Plus Screw (M5*L35)			O	2	
H4-4-14	14071BR-UK01	Bearing Bc616Zz				2	
H4-4-15	14069AD-UK01	Motor Block				2	
H4-4-16	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	20	
H4-4-17	18048SW-3115	Spring Washer (@5)			O	20	
H4-4-18	03201100UH00	X-Timing Belt (L=1260)				2	
H4-4-19	14051PR-UK01	Fixing Plate				4	
H4-4-20	14052PR-UK01	Fixing Plate Holder				4	
H4-4-21	03071SC-A001	Hex.Socket Bolt (M3*L15)			O	16	
H4-4-22	11019SW-9115	Spring Washer (3@)			O	16	
H4-4-23	08011SW-1111	Spring Washer (@3-S)			O	16	
H4-4-24	14045AD-UK01	Belt Bracket (B)				2	
H4-4-25	15034SC-4113	Hex. Socket Bolt (M4*L45)			O	2	
H4-4-26	05009SW-1111	Washer (@4-L)			O	2	
H4-4-27	14049AD-UK01	Belt Bracket (C)				1	
H4-4-28	14048AD-UK01	Belt Bracket (A)				1	
H4-4-29	12017PU-T121	Timing Pulley "A"				2	
H4-4-30	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
H4-4-31	12019BR-T121	Fiber Washer R-Tw1020				4	
H4-4-32	15048SC-4119	Plus Screw (M5*L12)			O	2	
H4-4-33	08044SR-4013	E-Ring (@8)				2	
H4-4-34	03106000U000	Timing Pulley Driving Pin				2	
H4-4-35	02101000UH60	Cable (25-10)				1	
H4-4-36	15044EL-T121	Bid (S)				2	
H4-4-37	15045EL-UK01	Bid (L)				1	

The diagram illustrates the assembly of the H4-5 system. The main components and their assembly sequence are as follows:

- H4-5-1**: The base rail, which is the first component to be installed.
- H4-5-2**: A bracket that is attached to the base rail.
- H4-5-3**: A bracket that is attached to the base rail.
- H4-5-4**: A bracket that is attached to the base rail.
- H4-5-5**: A bracket that is attached to the base rail.
- H4-5-6**: A bracket that is attached to the base rail.
- H4-5-6'**: A bracket that is attached to the base rail.
- H4-5-7**: A bracket that is attached to the base rail.
- H4-5-8**: A bracket that is attached to the base rail.
- H4-5-9**: A bracket that is attached to the base rail.
- H4-5-10**: A bracket that is attached to the base rail.
- H4-5-11**: A bracket that is attached to the base rail.
- H4-5-12**: A bracket that is attached to the base rail.
- H4-5-13**: A bracket that is attached to the base rail.
- H4-5-14**: A bracket that is attached to the base rail.
- H4-5-15**: A bracket that is attached to the base rail.
- H4-5-16**: A bracket that is attached to the base rail.
- H4-5-17**: A bracket that is attached to the base rail.
- H4-5-18**: A bracket that is attached to the base rail.
- H4-5-19**: A bracket that is attached to the base rail.
- H4-5-20**: A bracket that is attached to the base rail.

Note	
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H4-6



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H4-6-1	GP-005120-00	X-LM GUIDE FRAME L2935	Oct,07,04 ~ Jun,01,05			1	
	GP-005120-01		Jun,02,05 ~			1	
H4-6-2	03201300UH00	X-Cover (L=2931)				1	
H4-6-3	15042SC-3123	Truss Screw (M4*L6)			O	12	
H4-6-4	18153SC-3123	Plus Screw (M4*L10)			O	2	
H4-6-5	15062SF-T121	Felt				8	
H4-6-6	03200700UH00	Tubular Frame Rail Plate				1	
H4-6-7	GP-005108-00	X-FRAME SUPPORT BAR COVER(L)				1	
H4-6-8	GP-005109-00	X-FRAME SUPPORT BAR COVER(R)				1	
H4-6-9	GP-005121-00	X-FRAME SUPPORT BAR L2931	Oct,07,04 ~ May,17,05			1	
	GP-005121-01		May,18,05 ~			1	
H4-6-10	GP-005106-00	X-AXIS FRAME SIDE COVER (L)				1	
H4-6-11	GP-005107-00	X-AXIS FRAME SIDE COVER (R)				1	
H4-6-12	15042SC-3123	Truss Screw (M4*L6)			O	4	
H4-6-13	GP-005104-00	X-FRAME SIDE COVER HOLDER (L)				1	
H4-6-14	GP-005105-00	X-FRAME SIDE COVER HOLDER (R)				1	
H4-6-15	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	8	
H4-6-16	02028SW-9115	Spring Washer (@4)			O	8	
H4-6-17	05009SW-1111	Washer (@4-L)			O	8	
H4-6-18	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H4-6-19	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			O	4	
H4-6-20	15067PR-UK01	Sensor Plate				2	
H4-6-21	15043EL-UK01	X-Positioning Sensor				2	
H4-6-22	06010AF-8118	Plus Screw(M3*L4)			O	4	
H4-6-23	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	4	
H4-6-24	02028SW-9115	Spring Washer (@4)			O	28	
H4-6-25	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	26	
H4-6-26	25052EL-UK01	Last-Sensor (Black) 4Ht-52				1	
H4-6-27	25053EL-UK01	Last-Sensor (White) 4Ht-53				1	
H4-6-28	15087PR-UK02	Cable Plate For Bushing				1	
H4-6-29	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	4	
H4-6-30	25009EL-UK06	Cable (25-09)				1	
H4-6-31	25041EL-UK01	X Original In (4Ht-41)				1	
H4-6-32	15100CL-UK01	Roller Fixed Plate				2	
H4-6-33	03000100UH00	Roller Plate Cover				2	
H4-6-34	22006SC-7113	Hex. Socket Bolt (M3*L8)			O	2	
H4-6-35	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	4	

H4-6

This diagram illustrates the exploded view of the H4-6 assembly. The main components are labeled as follows:

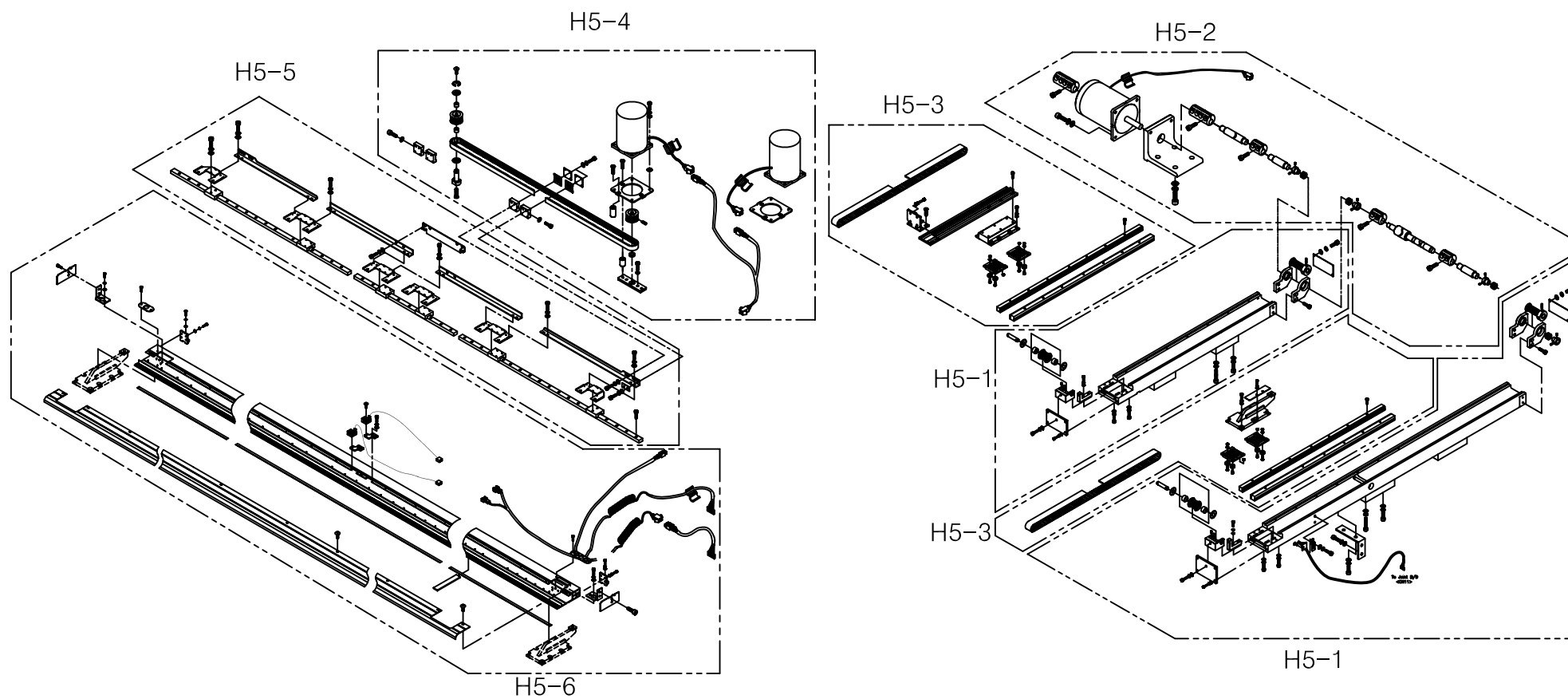
- H4-6-1, H4-6-2, H4-6-3, H4-6-4, H4-6-5, H4-6-6, H4-6-7, H4-6-8, H4-6-9, H4-6-10, H4-6-11, H4-6-12, H4-6-13, H4-6-14, H4-6-15, H4-6-16, H4-6-17, H4-6-18, H4-6-19, H4-6-20, H4-6-21, H4-6-22, H4-6-23, H4-6-24, H4-6-25, H4-6-26, H4-6-27, H4-6-28, H4-6-29, H4-6-30, H4-6-31, H4-6-32, H4-6-33, H4-6-34, H4-6-35, H4-6-36, H4-6-37, H4-6-38, H4-6-39, H4-6-40, H4-6-41, H4-6-42, H4-6-43, H4-6-44, H4-6-45.

The diagram shows the assembly of the H4-6 unit, including the main body, mounting brackets, and various fasteners. A detailed inset shows the assembly of the H4-6-38 component, which is a small metal plate with a central hole, secured by a screw (H4-6-42) and a washer (H4-6-40).

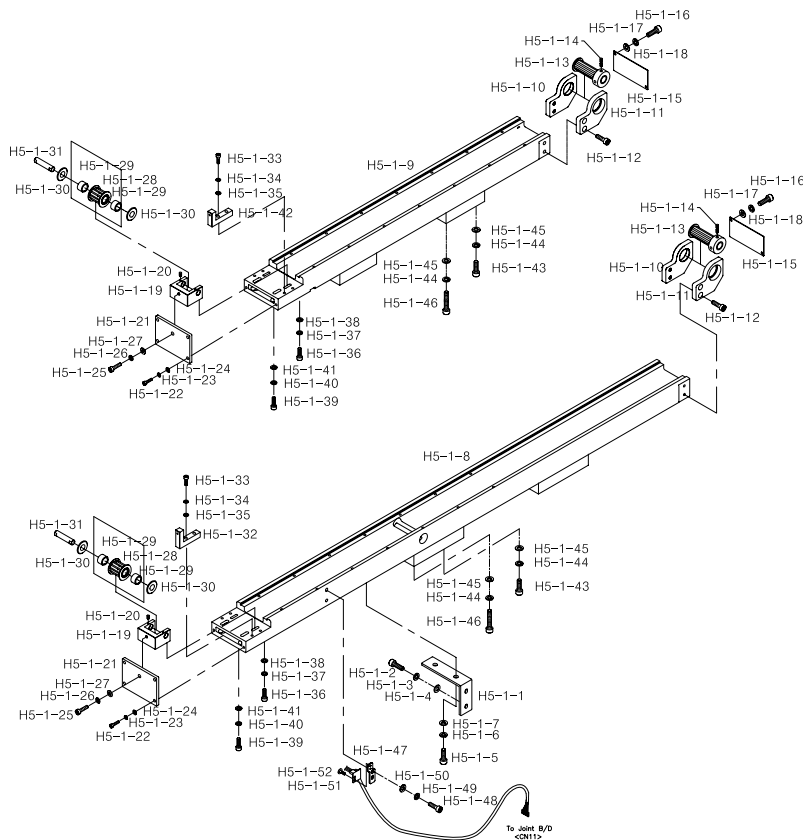
Note

H4

X-Y Drive (UH1508-45)



H5-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H5-1-1	16074PR-UK06	Y-Lm Support Fixing Plate				2	
H5-1-2	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	4	
H5-1-3	18048SW-3115	Spring Washer (@5)			O	4	
H5-1-4	16018SW-1111	Washer (@5)			O	4	
H5-1-5	14002SC-7113	Hex.Socket Bolt (M6*L15)			O	4	
H5-1-6	16014SW-4115	Spring Washer (@6)			O	4	
H5-1-7	08057SW-1111	Washer (@6)			O	4	
H5-1-8	03100200UH81	Y-Lm Guide Frame A L1070				2	
H5-1-9	03100300UH81	Y-Lm Guide Frame A L658				2	
H5-1-10	03100900UH00	Y-Bearing Bracket (L)				4	
H5-1-11	03101000UH00	Y-Bearing Bracket (R)				4	
H5-1-12	08091SC-7113	Hex. Socket Bolt (M6*L20)			O	16	
H5-1-13	04001000U000	TIMING PULLEY(16-S5M-32F)				4	
H5-1-14	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	16	
H5-1-15	03101100UH00	Y-Bearing Bracket Cover				4	
H5-1-16	07035SC-7113	Bracket Screw (M3*L6)			O	16	
H5-1-17	08011SW-1111	Spring Washer (@3-S)			O	16	
H5-1-18	11019SW-9115	Washer (3@)			O	16	
H5-1-19	03100500UH00	Y-Tension Adjusting Bracket				4	
H5-1-20	03100600UH00	Tension Adjusting Plate				4	
H5-1-21	03100900UH80	Fixed Block B				4	
H5-1-22	07016SC-7113	Hex.Socket Bolt (M4*L12)			O	16	
H5-1-23	18014SW-3115	Spring Washer (@4-No2)			O	16	
H5-1-24	18015SW-3111	Washer (4@)			O	16	
H5-1-25	15030SC-7113	Hex. Socket Bolt (M5*L30)			O	4	
H5-1-26	18048SW-3115	Spring Washer (@5)			O	4	
H5-1-27	16018SW-1111	Washer (@5)			O	4	
H5-1-28	04500100U000	TIMING PULLEY(16-S5M-32F)				4	
H5-1-29	12018BR-T121	Neddle Bearing Hk1010(Ina)				8	
H5-1-30	12019BR-T121	Fiber Washer R-Tw1020				8	
H5-1-31	16100CW-UK06	Timing Pulley Shaft (Y)				4	
H5-1-32	03100700UH00	Fixed Block				4	
H5-1-33	11029SC-4113	Hex. Socket Bolt (M4*L20)			O	8	
H5-1-34	18014SW-3115	Spring Washer (@4-No2)			O	8	
H5-1-35	18015SW-3111	Washer (4@)			O	8	
H5-1-36	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	4	
H5-1-37	18014SW-3115	Spring Washer (@4-No2)			O	4	

H5-1

This diagram illustrates the exploded view of the H5-1 LED strip light assembly. The main components shown are:

- LED Strip Light:** Labeled H5-1-9, H5-1-8, and H5-1-6.
- Mounting Brackets:** H5-1-10, H5-1-11, H5-1-12, H5-1-13, H5-1-14, H5-1-15, H5-1-16, H5-1-17, H5-1-18, H5-1-19, H5-1-20, H5-1-21, H5-1-22, H5-1-23, H5-1-24, H5-1-25, H5-1-26, H5-1-27, H5-1-28, H5-1-29, H5-1-30, H5-1-31, H5-1-32, H5-1-33, H5-1-34, H5-1-35, H5-1-36, H5-1-37, H5-1-38, H5-1-39, H5-1-40, H5-1-41, H5-1-42, H5-1-43, H5-1-44, H5-1-45, H5-1-46, H5-1-47, H5-1-48, H5-1-49, H5-1-50, H5-1-51, H5-1-52.
- Connectors and Wires:** H5-1-1, H5-1-2, H5-1-3, H5-1-4, H5-1-5, H5-1-6, H5-1-7, H5-1-8, H5-1-9, H5-1-10, H5-1-11, H5-1-12, H5-1-13, H5-1-14, H5-1-15, H5-1-16, H5-1-17, H5-1-18, H5-1-19, H5-1-20, H5-1-21, H5-1-22, H5-1-23, H5-1-24, H5-1-25, H5-1-26, H5-1-27, H5-1-28, H5-1-29, H5-1-30, H5-1-31, H5-1-32, H5-1-33, H5-1-34, H5-1-35, H5-1-36, H5-1-37, H5-1-38, H5-1-39, H5-1-40, H5-1-41, H5-1-42, H5-1-43, H5-1-44, H5-1-45, H5-1-46, H5-1-47, H5-1-48, H5-1-49, H5-1-50, H5-1-51, H5-1-52.

The diagram shows the assembly process, including the connection of the LED strip to the power source and the mounting of the brackets. A note at the bottom right indicates: "To Jone B/D <CN11>".

Note

H5

H5-2

This exploded view diagram illustrates the assembly of the H5-2 motor. The components are labeled as follows:

- H5-2-1**: Motor housing
- H5-2-2**: Motor base plate
- H5-2-3**: Bolt
- H5-2-4**: Washer
- H5-2-5**: Nut
- H5-2-6**: Bolt
- H5-2-7**: Washer
- H5-2-8**: Nut
- H5-2-9**: Motor cable
- H5-2-10**: Cable connector
- H5-2-11**: Cable connector
- H5-2-12**: Cable connector
- H5-2-13**: Cable connector
- H5-2-14**: Cable connector
- H5-2-15**: Cable connector
- H5-2-16**: Cable connector
- H5-2-17**: Cable connector
- H5-2-18**: Cable connector
- H5-2-19**: Cable connector

The diagram shows the motor housing (H5-2-1) being mounted to the base plate (H5-2-2) using bolts (H5-2-3, H5-2-4, H5-2-5, H5-2-6, H5-2-7, H5-2-8) and nuts (H5-2-8). The motor cable (H5-2-9) is connected to the cable connector (H5-2-10). The cable connector (H5-2-11) is then connected to the cable connector (H5-2-12), which is connected to the cable connector (H5-2-13), which is connected to the cable connector (H5-2-14), which is connected to the cable connector (H5-2-15), which is connected to the cable connector (H5-2-16), which is connected to the cable connector (H5-2-17), which is connected to the cable connector (H5-2-18), which is connected to the cable connector (H5-2-19).

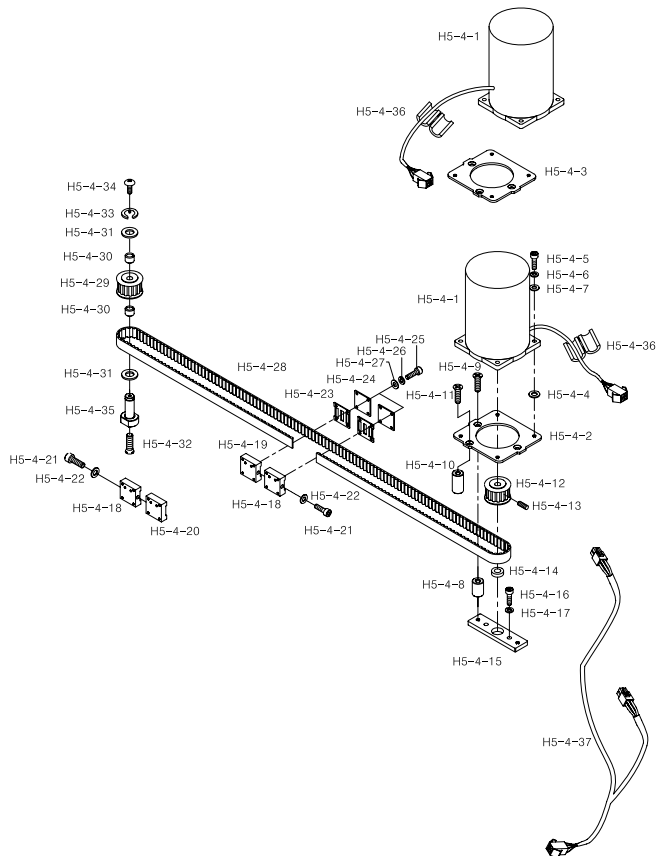
H5-3

The diagram illustrates the assembly of the H5-3 unit, showing the following components and their assembly sequence:

- Components:** H5-3-1, H5-3-2, H5-3-3, H5-3-4, H5-3-5, H5-3-6, H5-3-7, H5-3-8, H5-3-9, H5-3-10, H5-3-11, H5-3-12, H5-3-13, H5-3-14, H5-3-15, H5-3-16, H5-3-17, H5-3-18, H5-3-19, H5-3-20, H5-3-21, H5-3-22, H5-3-23, H5-3-24, H5-3-25, H5-3-26, H5-3-27.
- Assembly Sequence:** 1. H5-3-1, 2. H5-3-2, 3. H5-3-3, 4. H5-3-4, 5. H5-3-5, 6. H5-3-6, 7. H5-3-7, 8. H5-3-8, 9. H5-3-9, 10. H5-3-10, 11. H5-3-11, 12. H5-3-12, 13. H5-3-13, 14. H5-3-14, 15. H5-3-15, 16. H5-3-16, 17. H5-3-17, 18. H5-3-18, 19. H5-3-19, 20. H5-3-20, 21. H5-3-21, 22. H5-3-22, 23. H5-3-23, 24. H5-3-24, 25. H5-3-25, 26. H5-3-26, 27. H5-3-27.

Note

H5-4



Note

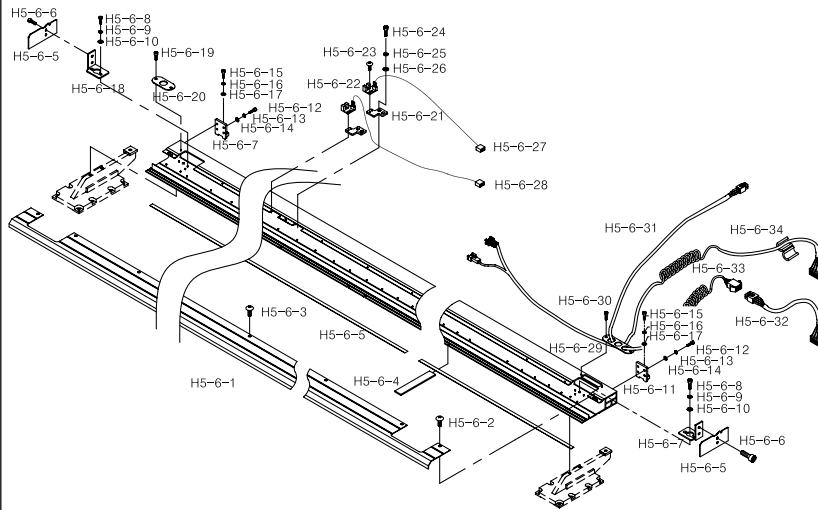
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H5-4-1	03202100UH80	X MOTOR (103H8223-5043)				2	
H5-4-2	14074PR-UK01	Motor Base (L)				1	
H5-4-3	14075PR-UK01	Motor Base (R)				1	
H5-4-4	15061PR-UK01	Motor Space (@5*@11*2T)				8	
H5-4-5	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	20	
H5-4-6	18048SW-3115	Spring Washer (@5)			O	20	
H5-4-7	16018SW-1111	Washer (@5)			O	8	
H5-4-8	14065AD-UK01	Motor Fixing Shaft (A)				4	
H5-4-9	15053SC-4119	Plus Screw (M5*L30)			O	4	
H5-4-10	14067AD-UK01	Motor Fixing Shaft (B)				2	
H5-4-11	15055SC-4119	Plus Screw (M5*L35)			O	2	
H5-4-12	03201800UH80	Timing Pulley "B"				2	
H5-4-13	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	4	
H5-4-14	14071BR-UK01	Bearing Bc616Zz				2	
H5-4-15	03201600UH80	Motor Block				2	
H5-4-16	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	20	
H5-4-17	18048SW-3115	Spring Washer (@5)			O	20	
H5-4-18	14045AD-UK01	Belt Bracket (B)				2	
H5-4-19	14049AD-UK01	Belt Bracket (C)				1	
H5-4-20	14048AD-UK01	Belt Bracket (A)				1	
H5-4-21	15034SC-4113	Hex. Socket Boit (M4*L45)			O	2	
H5-4-22	05009SW-1111	Washer (@4-L)			O	2	
H5-4-23	14051PR-UK01	Fixing Plate				4	
H5-4-24	14052PR-UK01	Fixing Plate Holder				4	
H5-4-25	03071SC-A001	Hex.Socket Bolt (M3*L15)			O	16	
H5-4-26	11019SW-9115	Spring Washer (3@)			O	16	
H5-4-27	08011SW-1111	Spring Washer (@3-S)			O	16	
H5-4-28	03201100UH80	X-Timmming Belt (L=1420)				2	
H5-4-29	12017PU-T121	Timing Pulley16At5-015-Af-Ae				2	
H5-4-30	12018BR-T121	Timing Pulley Baring 6901				4	
H5-4-31	12019BR-T121	Fiber Washer R-Tw1020				4	
H5-4-32	15048SC-4119	Plus Screw (M5*L12)			O	2	
H5-4-33	08044SR-4013	E-Ring (@8)				2	
H5-4-34	15042SC-3123	Truss Screw (M4*L6)			O	4	
H5-4-35	03106000U000	Timing Pulley Driving Pin				2	
H5-4-36	15044EL-T121	Bid (S)				2	
H5-4-37	02101500UH80	Cable (Sh-15-5)				1	

This diagram illustrates the exploded view of the H5-5 series lighting fixture assembly. The components are labeled as follows:

- H5-5-13: Main body (top)
- H5-5-14: Reflector (top)
- H5-5-15: Mounting bracket (top)
- H5-5-7: Mounting bracket (middle)
- H5-5-8: Mounting bracket (middle)
- H5-5-9: Mounting bracket (middle)
- H5-5-4: Mounting bracket (middle)
- H5-5-10: Mounting bracket (middle)
- H5-5-12: Mounting bracket (middle)
- H5-5-18: Mounting bracket (middle)
- H5-5-17: Mounting bracket (middle)
- H5-5-16: Mounting bracket (middle)
- H5-5-19: Mounting bracket (middle)
- H5-5-1: Main body (bottom)
- H5-5-6: Mounting bracket (bottom)
- H5-5-12: Mounting bracket (bottom)
- H5-5-11: Mounting bracket (bottom)
- H5-5-20: Mounting bracket (bottom)
- H5-5-2: Main body (bottom)
- H5-5-6: Mounting bracket (bottom)
- H5-5-6: Mounting bracket (bottom)
- H5-5-1: Main body (bottom)
- H5-5-5: Mounting bracket (bottom)
- H5-5-3: Mounting bracket (bottom)

H5

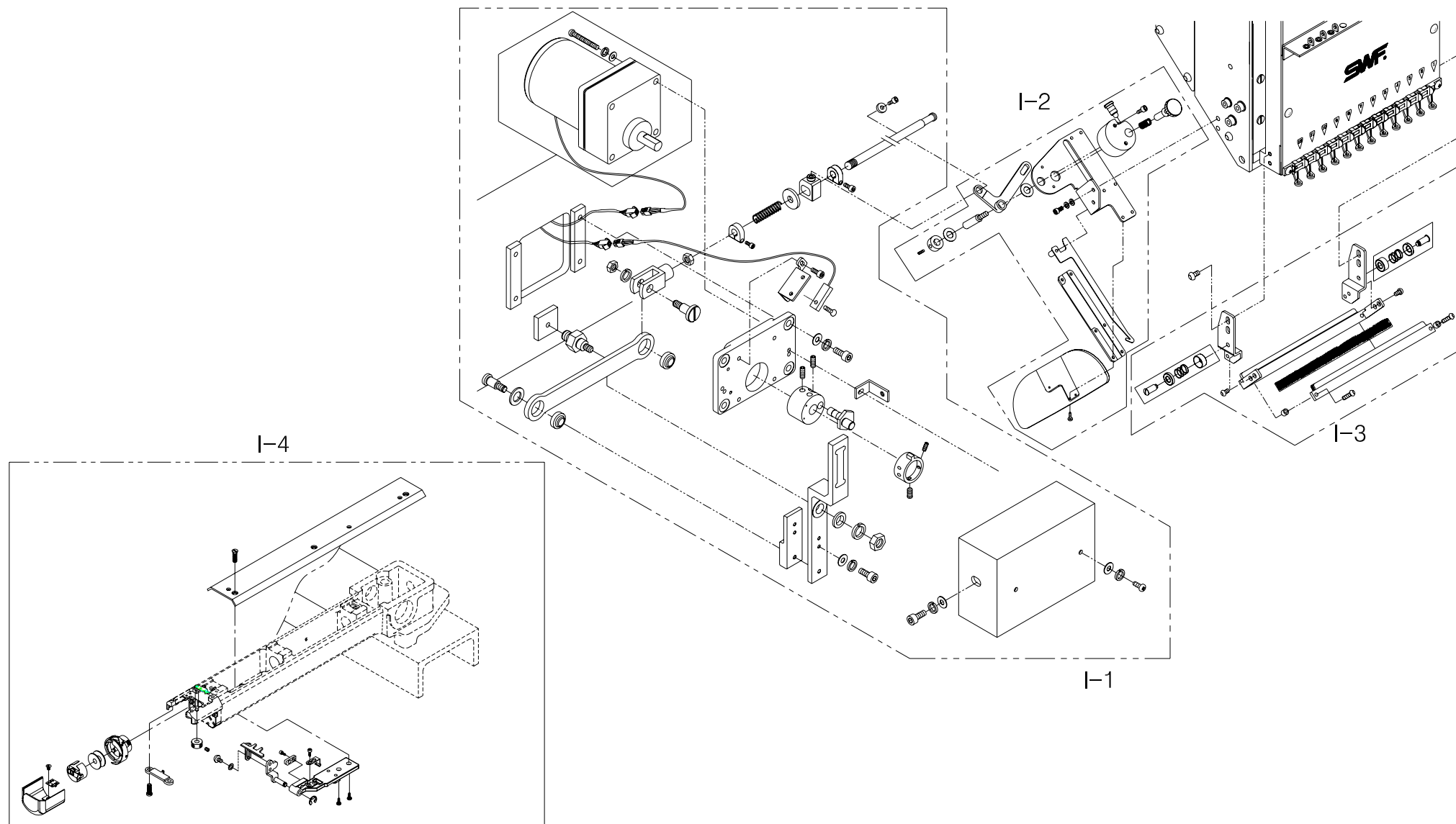
H5-6



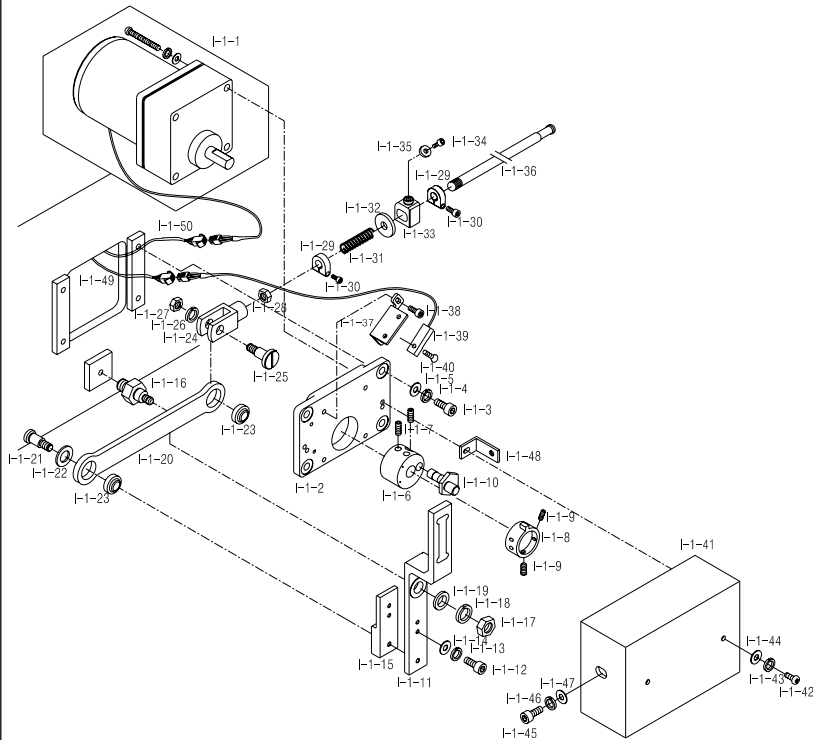
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H5-6-1	03201300UH80	X-Cover (L=3845.6)				1	
H5-6-2	15042SC-3123	Truss Screw (M4*L6)			O	12	
H5-6-3	18153SC-3123	Plus Screw (M4*L10)			O	2	
H5-6-4	15062SF-T121	Felt				8	
H5-6-5	03000200UH80	X-Axis Frame Side Cover				2	
H5-6-6	15042SC-3123	Truss Screw (M4*L6)			O	4	
H5-6-7	03200700UH80	Tubular Frame Rail Plate				1	
H5-6-8	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	8	
H5-6-9	02028SW-9115	Spring Washer (@4)			O	8	
H5-6-10	05009SW-1111	Washer (@4-L)			O	8	
H5-6-11	03101500UH00	Bracket For X-Y Sub Connector				2	
H5-6-12	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	8	
H5-6-13	18015SW-3111	Washer (4@)			O	8	
H5-6-14	18014SW-3115	Spring Washer (@4-No2)			O	8	
H5-6-15	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	2	
H5-6-16	18015SW-3111	Washer (4@)			O	2	
H5-6-17	18014SW-3115	Spring Washer (@4-No2)				2	
H5-6-18	03201400UH80	X-Frame Side Cover Holder (L)				1	
H5-6-19	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			O	4	
H5-6-20	15082PR-W121	FIXING PLATE FOR BUSHING				1	
H5-6-21	15067PR-UK01	Sensor Plate				2	
H5-6-22	15043EL-UK01	X-Positioning Sensor				2	
H5-6-23	06010AF-8118	Plus Screw(M3*L4)			O	4	
H5-6-24	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	4	
H5-6-25	02028SW-9115	Spring Washer (@4)			O	28	
H5-6-26	02023SC-7113	Hex. Socket Bolt (M4*L8)			O	26	
H5-6-27	02104800UH60	Last-Sensor (Black) 4Ht-48				1	
H5-6-28	02104900UH60	Last-Sensor (White) 4Ht-49				1	
H5-6-29	14014PR-UK01	BUSHING PLATE				1	
H5-6-30	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			O	4	
H5-6-31	25009EL-UK06	Cable (25-09)				1	
H5-6-32	25038EL-UK06	Cable (25-38)				1	
H5-6-33	25041EL-UK01	X Original In (4Ht-41)				1	
H5-6-34	15045EL-UK01	Bid (L)				1	

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				1	
I-1-2	GP-015086-00	MOTOR BASE				1	
I-1-3	06025MC-7113	Hex.Socket Bolt (M6*L25)			O	4	
I-1-4	16014SW-4115	Spring Washer (@6)			O	4	
I-1-5	08057SW-1111	Washer (@6)			O	4	
I-1-6	03003300H000	Cam Shaft Fixing Block				1	
I-1-7	05008MC-4517	Hex.Socket Bolt (M5*L8)			O	2	
I-1-8	GP-005184-00	SENSOR SENSING ADJUSTING RING	Oct,14,04 ~ May,18,05			1	
	GP-005184-01		May,19,05 ~			1	
I-1-9	04014SC-4517	Hex.Socket Set Screw (M5*L5)			O	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)			O	2	
I-1-13	18048SW-3115	Spring Washer (5@)			O	2	
I-1-14	18049SW-3111	Washer (@5)			O	2	
I-1-15	03004100H000	Driving Plate Block				1	
I-1-16	03003810H000	Stud Bolt For Driving Plate				1	
I-1-17	04032SN-A001	Hex. Nut (M8-No2)				1	
I-1-18	15095SW-3115	Spring Washer (@8)			O	1	
I-1-19	WS-000549-00	Stud Bolt Washer				1	
	WS-000549-01						
I-1-20	03004200HH00	MOTOR DRIVING CONNECT PLATE				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	03004700H000	Connecting Plate Stud Screw				1	
I-1-26	16014SW-4115	SPRING WASHER (@6)			O	1	
I-1-27	13042SN-1111	Hex.Nut (M6*T5-R)			O	1	
I-1-28	04032SN-A001	Hex. Nut (M8-No2)			O	1	
I-1-29	LWP-BK0003-00	Return Spring Stopper	Dec,28,10 ~	X		8	
	LWP-BK0003-01		Jul,01,11 ~	△			
I-1-30	05008SC-4113	Hex.Socket Bolt (M4*L16)			O	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)			O	4	
I-1-35	03002900H000	Return Spring Fix Pin Washer				4	

This exploded view diagram illustrates the assembly of the front panel. The components are labeled with part numbers and assembly order indicators (I-1-1 through I-1-50). The assembly process begins with the front panel (I-1-1) and the main housing (I-1-41). Key components include the front panel (I-1-1), the main housing (I-1-41), the front panel bezel (I-1-2), the front panel bezel cover (I-1-3), the front panel bezel cover (I-1-4), the front panel bezel cover (I-1-5), the front panel bezel cover (I-1-6), the front panel bezel cover (I-1-7), the front panel bezel cover (I-1-8), the front panel bezel cover (I-1-9), the front panel bezel cover (I-1-10), the front panel bezel cover (I-1-11), the front panel bezel cover (I-1-12), the front panel bezel cover (I-1-13), the front panel bezel cover (I-1-14), the front panel bezel cover (I-1-15), the front panel bezel cover (I-1-16), the front panel bezel cover (I-1-17), the front panel bezel cover (I-1-18), the front panel bezel cover (I-1-19), the front panel bezel cover (I-1-20), the front panel bezel cover (I-1-21), the front panel bezel cover (I-1-22), the front panel bezel cover (I-1-23), the front panel bezel cover (I-1-24), the front panel bezel cover (I-1-25), the front panel bezel cover (I-1-26), the front panel bezel cover (I-1-27), the front panel bezel cover (I-1-28), the front panel bezel cover (I-1-29), the front panel bezel cover (I-1-30), the front panel bezel cover (I-1-31), the front panel bezel cover (I-1-32), the front panel bezel cover (I-1-33), the front panel bezel cover (I-1-34), the front panel bezel cover (I-1-35), the front panel bezel cover (I-1-36), the front panel bezel cover (I-1-37), the front panel bezel cover (I-1-38), the front panel bezel cover (I-1-39), the front panel bezel cover (I-1-40), the front panel bezel cover (I-1-42), the front panel bezel cover (I-1-43), the front panel bezel cover (I-1-44), the front panel bezel cover (I-1-45), the front panel bezel cover (I-1-46), the front panel bezel cover (I-1-47), the front panel bezel cover (I-1-48), the front panel bezel cover (I-1-49), the front panel bezel cover (I-1-50).

1

1-2

This diagram illustrates the assembly of a mechanical device, likely a door latch or handle. The components are numbered 1-2-1 through 1-2-18. The assembly includes a main body (1-2-1) with a handle (1-2-15) and a latch mechanism (1-2-16). A spring (1-2-10) is used to return the handle to its original position. The handle is connected to the latch via a linkage (1-2-11). The latch is mounted on a plate (1-2-17) which is secured with screws (1-2-18). The main body is secured with screws (1-2-2, 1-2-3, 1-2-4, 1-2-14). A separate plate (1-2-5) is attached to the main body with screws (1-2-6, 1-2-7, 1-2-8, 1-2-9). A small pin (1-2-12) is used to secure the handle to the linkage. A small screw (1-2-13) is used to secure the handle to the main body.

Note

I-3

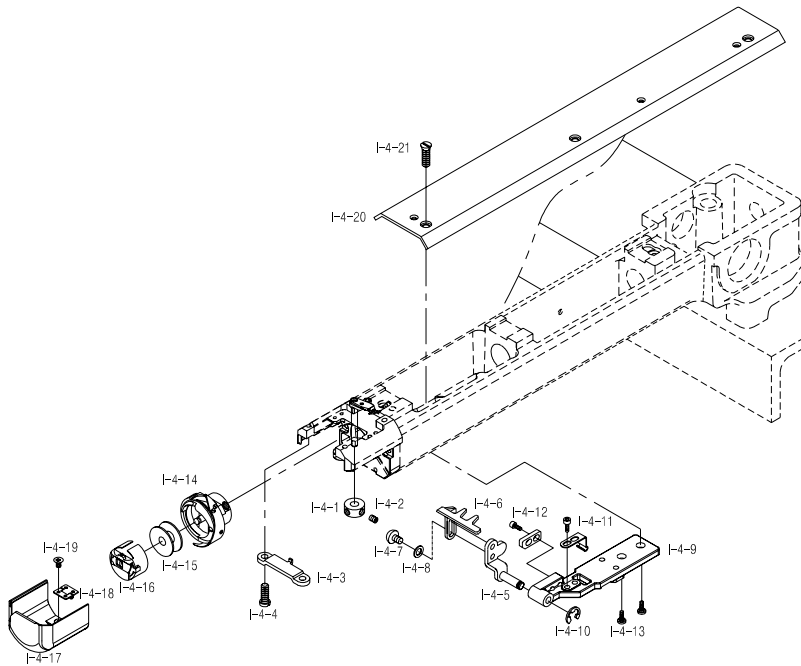
This exploded view diagram illustrates the components of the I-3 door hinge assembly. The main assembly is shown at the top, featuring a vertical hinge plate with 11 numbered callouts (1-11) pointing to specific parts. Below this, the individual components are shown in an exploded state, with dashed lines indicating their assembly paths. The components include:

- I-3-1:** A vertical hinge plate with a mounting bracket.
- I-3-2:** A horizontal hinge plate with a mounting bracket.
- I-3-3:** A small screw.
- I-3-4:** A horizontal hinge plate with a mounting bracket.
- I-3-5:** A long horizontal hinge plate with a mounting bracket.
- I-3-6:** A long horizontal hinge plate with a mounting bracket.
- I-3-7:** A long horizontal hinge plate with a mounting bracket.
- I-3-8:** A long horizontal hinge plate with a mounting bracket.
- I-3-9:** A small screw.
- I-3-10:** A small screw.
- I-3-11:** A small screw.
- I-3-12:** A small screw.

The diagram also shows the **SMF** logo on the main assembly.

Note

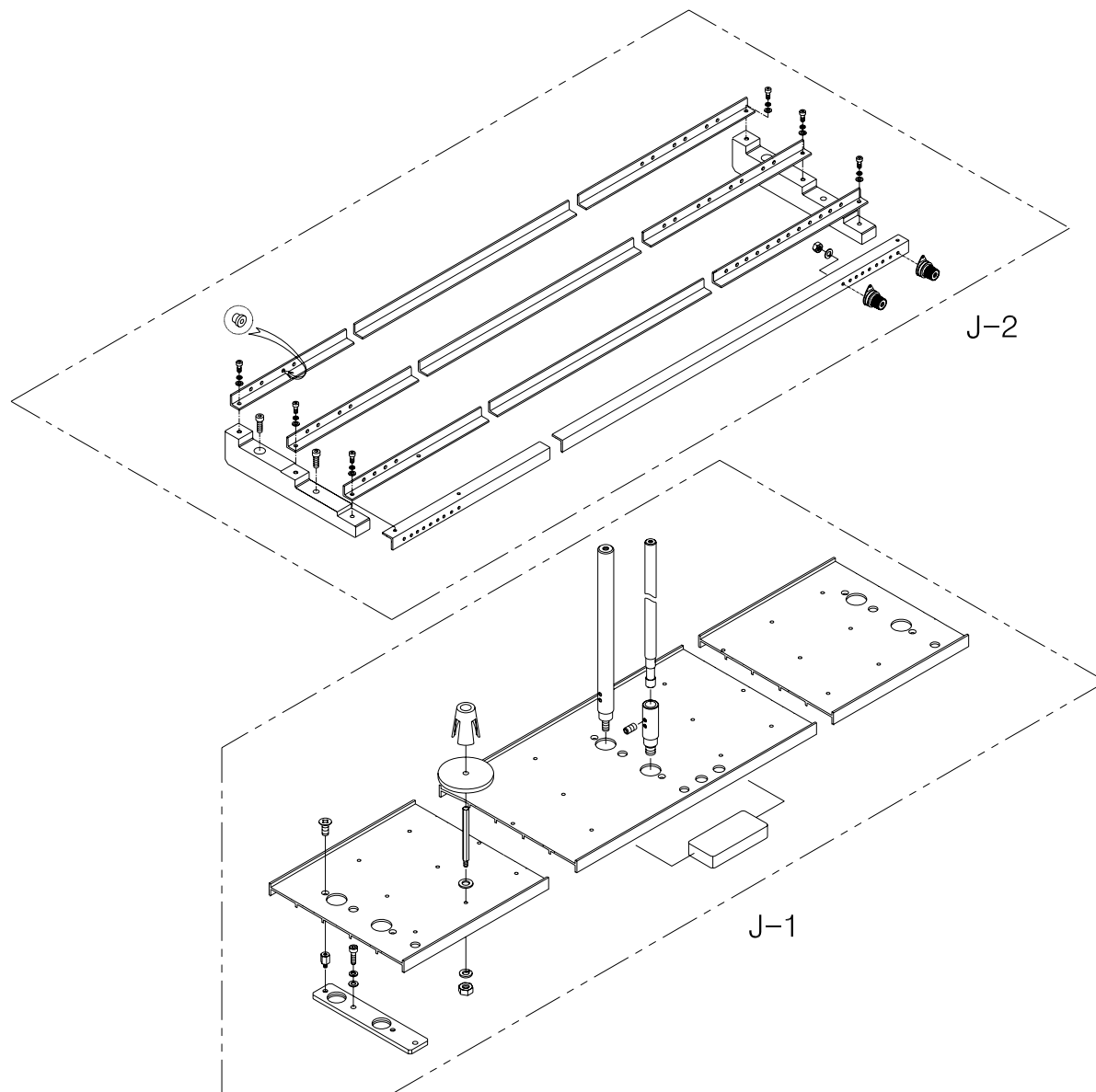
I-4



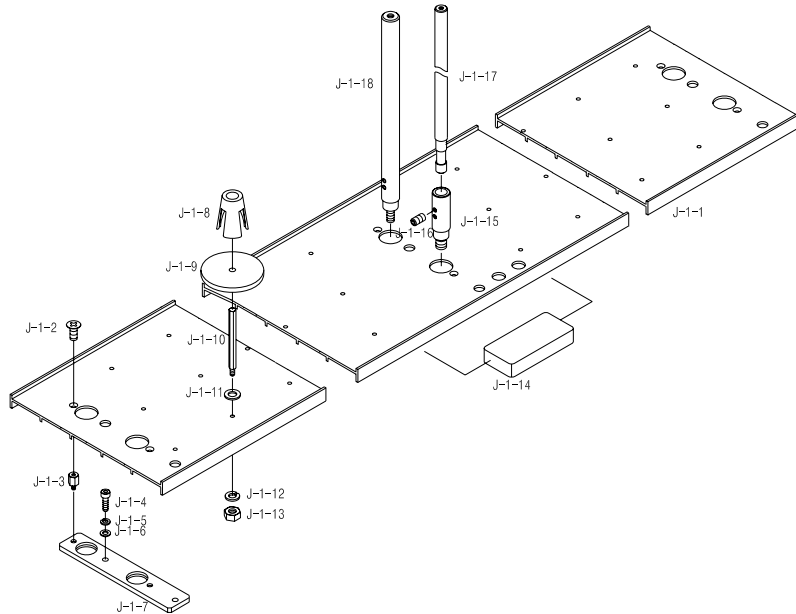
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-4-1	13003000T000	Mes Shaft Collar				4	
I-4-2	03022SC-4517	Hex. Socket Set Screw(M4*L5)			O	8	
I-4-3	GP-005358-00	Rotary Hook Support	Nov,01,04 ~ Jul,12,05			4	
	GP-005358-01		Jul,13,05 ~			4	
I-4-4	02011SC-3125	Rotary Hook Support Screw				8	
I-4-5	AS-001429-00	Picker Base Ass'Y	Nov,01,04 ~ May,29,06			4	
	AS-001429-01		May,30,06 ~ Dec,03,08			4	
	AS-001429-02		Dec,04,08 ~			4	
I-4-5	AS-001429-00	Picker Base Ass'Y				4	
I-4-6	GP-005368-00	Picker				4	
I-4-7	07018SC-8118	Plus Screw (M3*L8)			O	8	
I-4-8	WS-000085-00	Washer for Picker Base				4	
I-4-9	GP-005366-00	Picker Bracket				4	
I-4-10	15159SR-4013	E-Ring (3@)				4	
I-4-11	GP-005362-00	Hook Cover Holder				4	
I-4-12	GP-005369-00	Picker Stopper	Nov,01,04 ~ May,18,05			4	
	GP-005369-01		May,19,05 ~			4	
I-4-13	116410S-8118	Driver Screw 11/64-40,L10				4	
I-4-14	04033AF-D002	Rotary Hook Set				4	
I-4-15	04034AF-A001	Bobbin Case Set				4	
I-4-16	04035AF-A001	Bobbin				4	
I-4-17	GP-005360-00	Hook Cover	Nov,01,04 ~ Oct,19,05			4	
	GP-005360-01		Oct,20,05 ~ May,24,06			4	
	GP-005360-02		May,25,06 ~			4	
I-4-18	HG-000001-00	Hook Cover Hinge				4	
I-4-19	08014AF-A001	Plus Screw (M3*L8)			O	8	
I-4-20	GP-005359-00	Bed Cover	Nov,01,04 ~ May,12,05			3	
	GP-005359-01		May,13,05 ~ Aug,24,05			3	
	GP-005359-02		Aug,25,05 ~			3	
I-4-21	02030SC-T121	Bed Cover Screw(9/64" 40)				12	

SPOOL



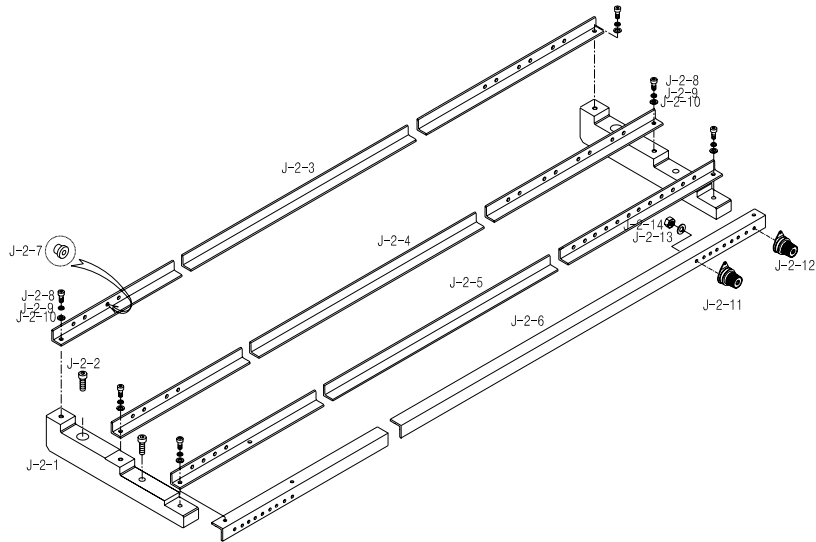
J-1



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)					
	11000102UK00	Spool Plate(L=2080) (UK604)					
	11001AD-UK01	Spool Plate(L=2080) (UK1204)					
	11001AD-UK14	Spool Plate(L=2080) (UK1504)					
	05100102UK00	Spool Plate (L=3020) (UK606)					
	05100103UK00	Spool Plate (L=2950) (UK906)					
	12001AD-UK06	Spool Plate (L=2950) (UK1206)					
	12001AD-UK16	Spool Plate (L=2950) (UK1506)					
	05100104UH00	Spool Plate L=2480 (UH1206C)					
	05100105UH00	Spool Plate L=2480 (UH1506C)					
	05100104UH08	SPOOL PLATE L=3280 (UH1208)					
	05100105UH80	SPOOL PLATE L=3280 (UH1508)					
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)			O	8	
J-1-5	18048SW-3115	Spring Washer (@5)			O	8	
J-1-6	18049SW-3111	Washer (@5)			O	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)			O	48	
J-1-12	18048SW-3115	Spring Washer (@5)			O	48	
J-1-13	12010SN-1211	Hex.Nut (M5)			O	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)			O	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 (UH1206C) (UH1506C)					

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)			O	5	
J-2-3	12019AD-UK02	Angle "A" L=890 (UK1202)				1	
	12019AD-UK12	Angle "A" L=1020 (UK1502)					
	05200304UK24	Angle "A" L=2020 (UK604)					
	11022AD-UK01	Angle "A" L=2020 (UK1204)					
	11022AD-UK14	Angle "A" L=2020 (UK1504)					
	05200102UK00	Angle (A) L=3020 (UK606)					
	05200103UK00	Angle (A) L=3020 (UK906)					
	12019AD-UK06	Angle (A) L=3020 (UK1206)					
	12019AD-UK16	Angle (A) L=3020 (UK1506)					
J-2-4	05200104UH00	Angle "A" L=2420 (UH1206C)				1	
	05200105UH00	Angle "A" L=2420 (UH1506C)					
	05200104UH08	Angle "A" L=3220 (UH1208)					
J-2-5	05200105UH80	Angle "A" L=3220 (UH1508)				1	
	12020AD-UK02	Angle "B" L=890 (UK1202)					
	12020AD-UK12	Angle "B" L=1020 (UK1502)					
	05200404UK24	Angle "B" L=2020 (UK604)					
	11023AD-UK01	Angle "B" L=2020 (UK1204)					
	11023AD-UK14	Angle "B" L=2020 (UK1504)					
	05200202UK00	Angle (B) L=3020 (UK606)					
	05200203UK00	Angle (B) L=3020 (UK906)					
	12020AD-UK06	Angle (B) L=3020 (UK1206)					
	12020AD-UK16	Angle (B) L=3020 (UK1506)					
	05200204UH00	Angle "B" L=2420 (UH1206C)					
	05200205UH00	Angle "B" L=2420 (UH1506C)					
	05200204UH08	Angle "B" L=3220 (UH1208)					
	05200205UH80	Angle "B" L=3220 (UH1508)					
J-2-6	05200104UK20	Angle "C" L=890 (UK1202)				1	
	05200105UK20	Angle "C" L=1020 (UK1502)					
	05200104UK24	Angle "C" L=2020 (UK604)					
	05200104UK40	Angle "C" L=2020 (UK1204)					
	05200105UK40	Angle "C" L=2020 (UK1504)					
	05200104UK60	Angle "C" (L=3020) (UK606)					
	05200303UK00	Angle "C" (L=3020) (UK906)					
	05200105UK60	Angle "C" (L=3020) (UK1206)					
	05200312UK00	Angle "C" (L=3020) (UK1506)					

J-2

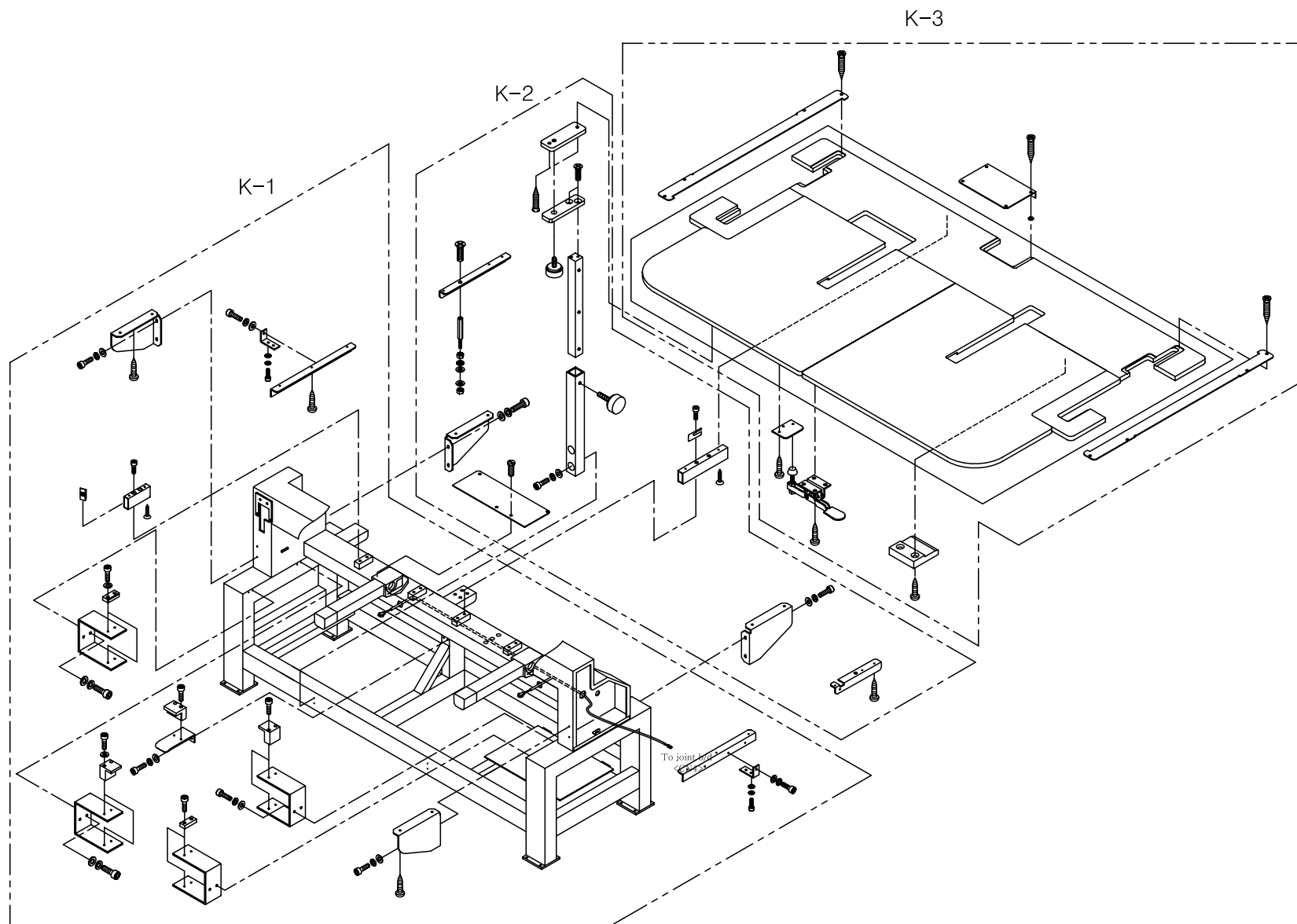
This exploded view diagram illustrates the assembly of the J-2 component. The parts are labeled as follows:

- J-2-1: Base plate
- J-2-2: Screws
- J-2-3: Longitudinal rail
- J-2-4: Intermediate rail
- J-2-5: Short rail
- J-2-6: Longitudinal rail
- J-2-7: Screws
- J-2-8: Screws
- J-2-9: Screws
- J-2-10: Screws
- J-2-11: Screws
- J-2-12: End cap

The diagram shows the assembly sequence with arrows indicating the direction of assembly. The components are arranged in a linear fashion, with the base plate (J-2-1) at the bottom and the rails (J-2-3, J-2-4, J-2-5, J-2-6) stacked on top. The screws (J-2-2, J-2-7, J-2-8, J-2-9, J-2-10, J-2-11) are used to secure the rails to the base plate. The end cap (J-2-12) is shown at the right end of the assembly.

Note

Table (UK1202-45)



K1-1

This exploded view diagram illustrates the assembly of the K1-1 machine frame. The central component is the main frame, which includes a base, a vertical support, and a horizontal beam. Various sub-assemblies and components are shown in their relative positions, with dashed lines indicating the assembly path. The components are labeled with part numbers:

- Top Assembly:** K1-1-1 (Bracket), K1-1-2 (Bracket), K1-1-3 (Bolt), K1-1-4 (Nut), K1-1-5 (Washer), K1-1-6 (Screw), K1-1-7 (Bracket), K1-1-8 (Bracket), K1-1-9 (Bracket), K1-1-10 (Bracket), K1-1-11 (Bracket), K1-1-12 (Bracket), K1-1-13 (Bracket), K1-1-14 (Bracket), K1-1-15 (Bracket), K1-1-16 (Bracket), K1-1-17 (Bracket), K1-1-18 (Bracket), K1-1-19 (Bracket), K1-1-20 (Bracket), K1-1-21 (Bracket), K1-1-22 (Bracket), K1-1-23 (Bracket), K1-1-24 (Bracket).
- Bottom Assembly:** K1-1-1 (Bracket), K1-1-2 (Bracket), K1-1-3 (Bolt), K1-1-4 (Nut), K1-1-5 (Washer), K1-1-6 (Screw), K1-1-7 (Bracket), K1-1-8 (Bracket), K1-1-9 (Bracket), K1-1-10 (Bracket), K1-1-11 (Bracket), K1-1-12 (Bracket), K1-1-13 (Bracket), K1-1-14 (Bracket), K1-1-15 (Bracket), K1-1-16 (Bracket), K1-1-17 (Bracket), K1-1-18 (Bracket), K1-1-19 (Bracket), K1-1-20 (Bracket), K1-1-21 (Bracket), K1-1-22 (Bracket), K1-1-23 (Bracket), K1-1-24 (Bracket).

Note

K1

K1-2

This exploded view diagram illustrates the assembly of the K1-2 unit. The components are labeled as follows:

- K1-2-1: Main base plate
- K1-2-2: L-shaped bracket
- K1-2-3: Small vertical plate
- K1-2-4: Small horizontal plate
- K1-2-5: Small vertical plate
- K1-2-6: Small horizontal plate
- K1-2-7: Small vertical plate
- K1-2-8: Small horizontal plate
- K1-2-9: Small vertical plate
- K1-2-10: Small horizontal plate
- K1-2-11: Small vertical plate
- K1-2-12: Small horizontal plate
- K1-2-13: Small vertical plate
- K1-2-14: Small horizontal plate
- K1-2-15: Small vertical plate
- K1-2-16: Small horizontal plate
- K1-2-17: Small vertical plate
- K1-2-18: Small horizontal plate
- K1-2-19: Small vertical plate
- K1-2-20: Small horizontal plate
- K1-2-21: Small vertical plate
- K1-2-22: Small horizontal plate
- K1-2-23: Small vertical plate
- K1-2-24: Small horizontal plate
- K1-2-25: Small vertical plate
- K1-2-26: Small horizontal plate
- K1-2-27: Small vertical plate
- K1-2-28: Small horizontal plate
- K1-2-29: Small vertical plate
- K1-2-30: Small horizontal plate
- K1-2-31: Small vertical plate

The diagram shows the assembly sequence from the main base plate (K1-2-1) up to the final assembly (K1-2-31). Dashed lines indicate the assembly path and alignment of the components.

Note

K1

K1-3

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

- K1-3-1**: The central rectangular panel.
- K1-3-2**: The front panel with a handle cutout.
- K1-3-3**: A small rectangular component on the top left.
- K1-3-4**: A small rectangular component on the bottom right.
- K1-3-5**: A small rectangular component on the right side.
- K1-3-6**: A small rectangular component on the top right.
- K1-3-7**: A long, thin rectangular component on the top left.
- K1-3-8**: A long, thin rectangular component on the bottom right.
- K1-3-9**: Screws used for securing components K1-3-3, K1-3-6, K1-3-7, and K1-3-8.
- K1-3-10**: A small rectangular component at the bottom center.
- K1-3-11**: Screws used for securing components K1-3-10 and K1-3-12.
- K1-3-12**: A small rectangular component on the left side.
- K1-3-13**: A small rectangular component on the left side.
- K1-3-14**: A small rectangular component on the left side.
- K1-3-15**: A small rectangular component on the right side.

The diagram shows the relative positions and assembly points for these components, with dashed lines indicating the alignment and placement of each part.

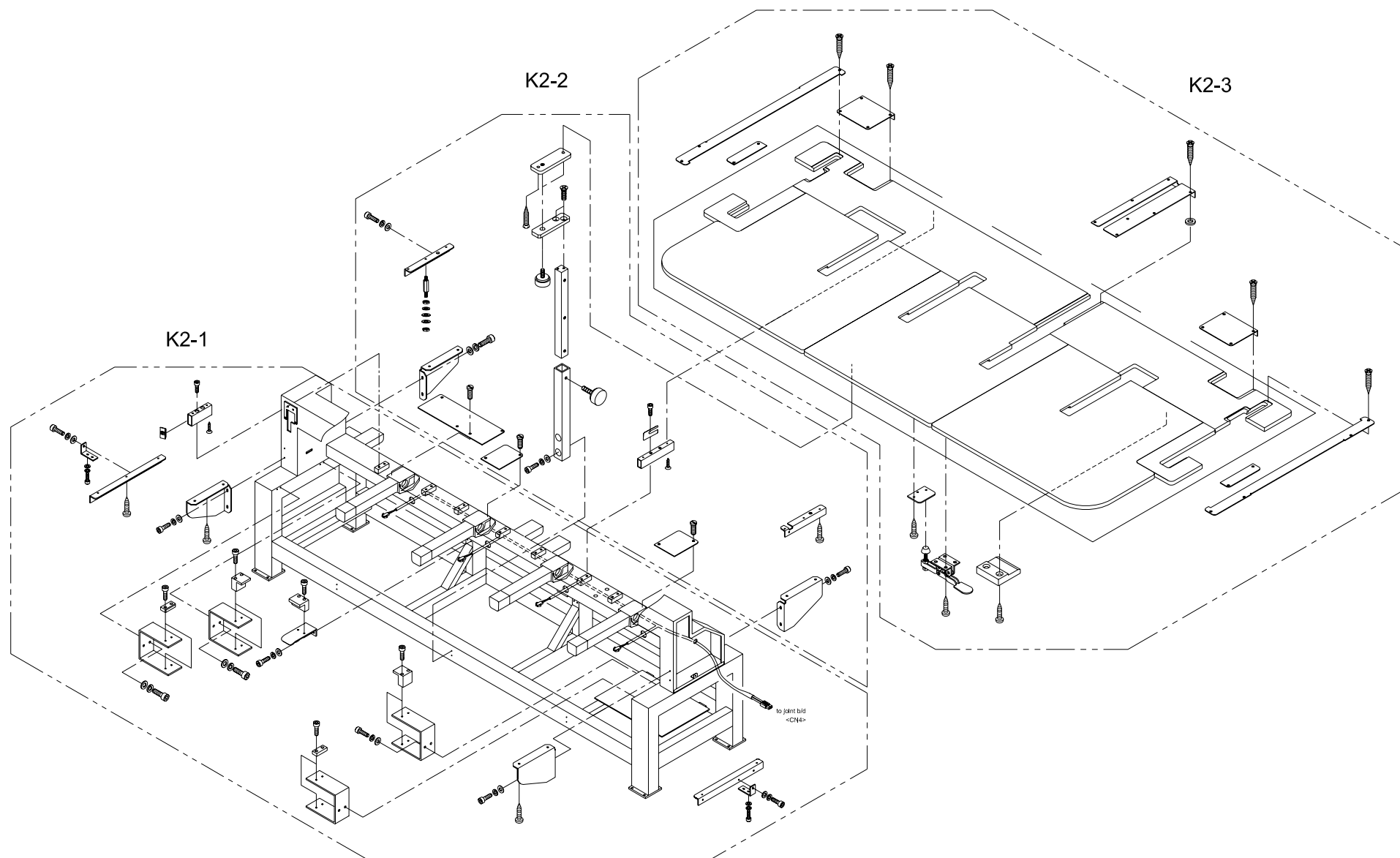
Note



K2

SWF

Table (UK1204-45)



This exploded view diagram illustrates the assembly of the K2-2 system. The main structure consists of a base frame with multiple horizontal and vertical beams. Key components and their assembly points are labeled as follows:

- Top Assembly:** Includes components K2-2-18, K2-2-20, K2-2-21, K2-2-19, K2-2-25, and K2-2-22.
- Left Side Assembly:** Features K2-2-11, K2-2-13, K2-2-14, K2-2-15, K2-2-16, K2-2-17, and K2-2-14.
- Central Vertical Assembly:** Includes K2-2-3, K2-2-4, K2-2-8, K2-2-10, K2-2-9, K2-2-28, K2-2-26, and K2-2-27.
- Right Side Assembly:** Includes K2-2-31, K2-2-32, K2-2-29, K2-2-30, K2-2-7, K2-2-8, K2-2-12, K2-2-6, K2-2-3, K2-2-4, K2-2-5, and K2-2-1.
- Base Assembly:** Includes K2-2-2, K2-2-23, and K2-2-24.

The diagram shows the relative positions and assembly sequence of these components, with dashed lines indicating the path of assembly. A cable is shown extending from the base assembly towards the right, labeled "to joint bld <CN4>".

K2

K2-3

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

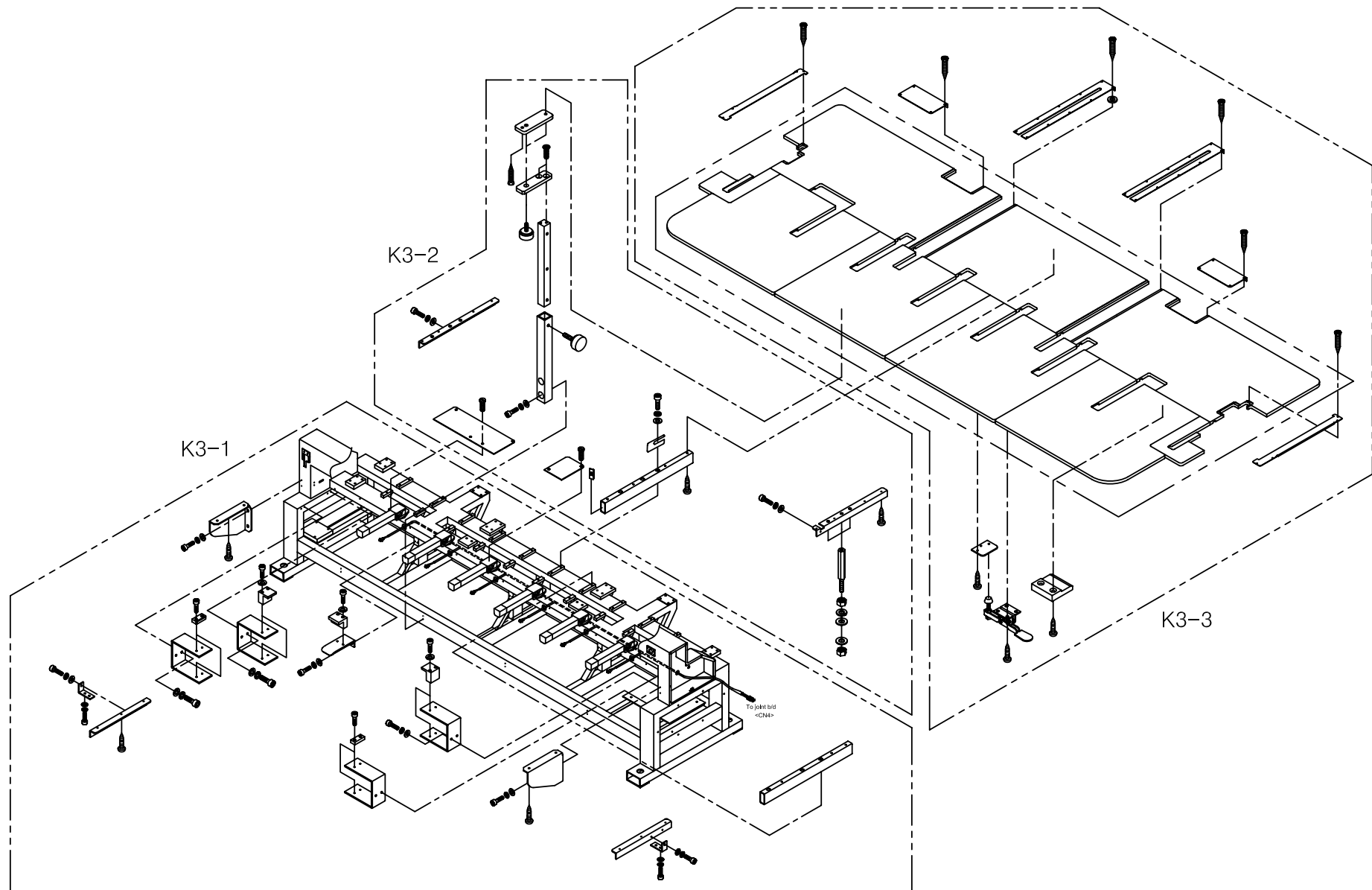
- K2-3-1**: Main base plate.
- K2-3-2**: Long horizontal support rail.
- K2-3-3**: Small rectangular plate.
- K2-3-4**: Small rectangular plate.
- K2-3-5**: Small rectangular plate.
- K2-3-6**: Small rectangular plate.
- K2-3-7**: Small rectangular plate.
- K2-3-8**: Long horizontal support rail.
- K2-3-9**: Long horizontal support rail.
- K2-3-10**: Small rectangular plate.
- K2-3-11**: Screws used for assembly.
- K2-3-12**: Small circular component.
- K2-3-13**: Small rectangular plate.
- K2-3-14**: Small rectangular plate.
- K2-3-15**: Small rectangular plate.
- K2-3-16**: Screws used for assembly.
- K2-3-17**: Small rectangular plate.
- K2-3-18**: Small rectangular plate.
- K2-3-19**: Small rectangular plate.

The diagram shows the relative positions and assembly points for these components, with dashed lines indicating the alignment and placement of parts.

Note

K2

Table (UK1206-45)



[illegible]

108

Note

K3

K3-3

This exploded view diagram illustrates the assembly of the K3-3 unit. The main components are labeled as follows:

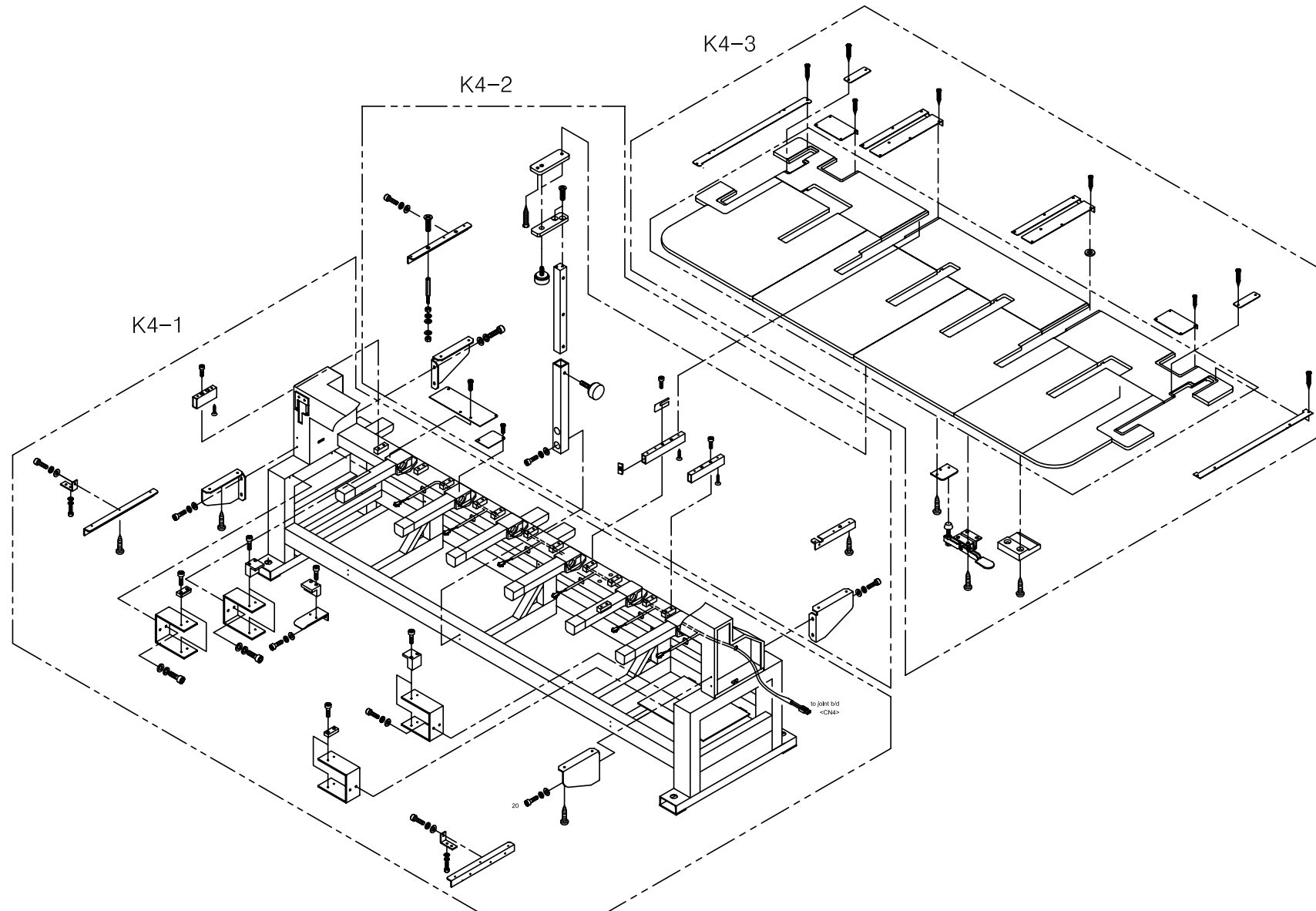
- K3-3-1**: Main rectangular base plate.
- K3-3-2**: Longitudinal support rail.
- K3-3-3**: Central rectangular panel.
- K3-3-4**: Bottom support rail.
- K3-3-5**: Side support rail.
- K3-3-6**: Longitudinal support rail.
- K3-3-7**: Side support rail.
- K3-3-8**: Small rectangular plate.
- K3-3-9**: Small rectangular plate.
- K3-3-10**: Small rectangular plate.
- K3-3-11**: Small rectangular plate.
- K3-3-12**: Longitudinal support rail.
- K3-3-13**: Longitudinal support rail.
- K3-3-14**: Small rectangular plate.
- K3-3-15**: Screws used for assembly.
- K3-3-16**: Small rectangular plate.
- K3-3-17**: Small rectangular plate.
- K3-3-18**: Small rectangular plate.
- K3-3-19**: Small rectangular plate.
- K3-3-20**: Small rectangular plate.

The diagram shows the relative positions and assembly points for these components, with dashed lines indicating the alignment and placement of parts.

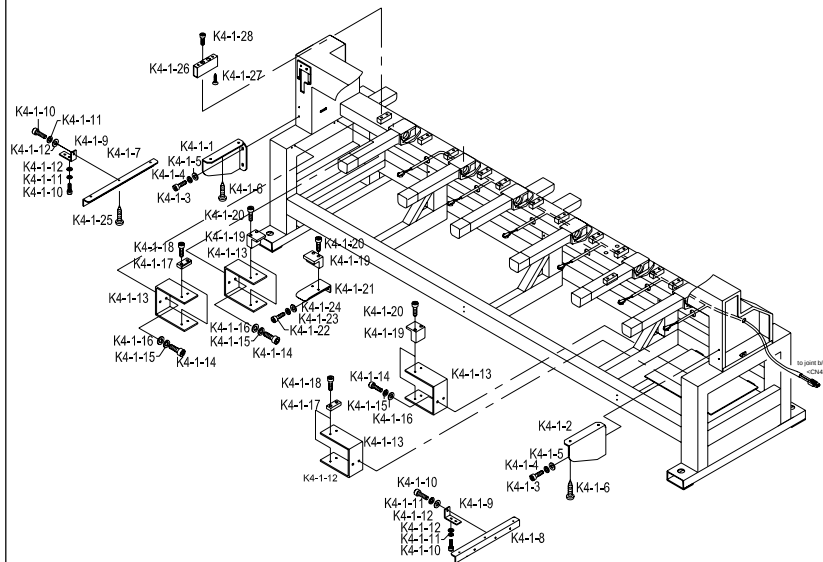
Note

K3

Table (UH1506C-45)



K4-1

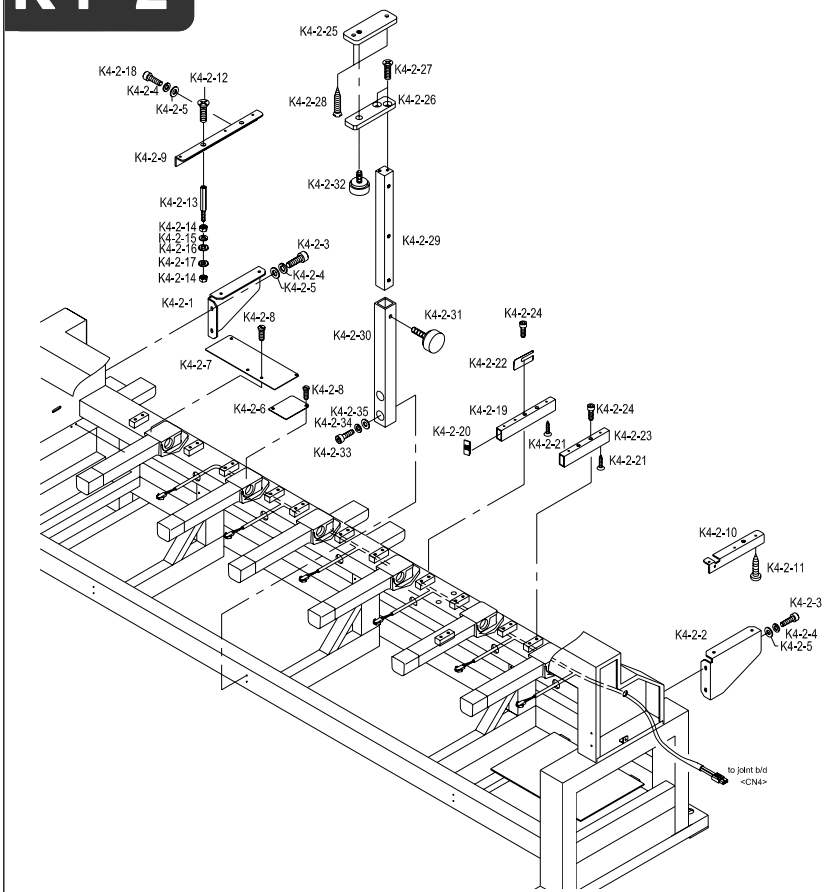


Note

[illegible]

K4

K4-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
K4-2-1	16020PR-UK01	Front Table Support (L)				2	
K4-2-2	16025PR-UK01	Front Table Support (R)				2	
K4-2-3	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	42	
K4-2-4	18048SW-3115	Spring Washer (@5)			O	42	
K4-2-5	16018SW-1111	Washer (@5)			O	50	
K4-2-6	16016PR-UK01	Gear Cover				2	
K4-2-7	16018PR-UK01	Mes Cam Driving Box Cover				1	
K4-2-8	02030SC-T121	Bed Cover Screw(9/64" 40)				10	
K4-2-9	05000920UH01	TABLE SUPPORT ANGLE (A)L250				1	
K4-2-10	05001120UH01	TABLE SUPPORT ANGLE (D)L250				1	
K4-2-11	16009SC-8330	Tapping Screw (M6*L20)			O	93	
K4-2-12	04054SC-8119	Plus Screw(M6*L15)			O	1	
K4-2-13	05001600U000	Table Support Stud				4	
K4-2-14	04032SN-A001	Hex. Nut (M8-No2)			O	4	
K4-2-15	15095SW-3115	Spring Washer (@8)			O	2	
K4-2-16	04029SW-A001	Stud Bolt Washer(S) (@8)			O	2	
K4-2-17	04030SW-A001	Stud Bolt Washer(L) (@8)			O	2	
K4-2-18	08062SC-7113	Hex. Socket Bolt (M5*L20)			O	8	
K4-2-19	GP-008797-00	Table Support Angle (C)L197.5	Apr,26,05 ~ Aug,10,06			8	
	GP-008797-01		Aug,11,06 ~			8	
K4-2-20	GP-003757-00	TABLE SUPPORT END CAP				20	
K4-2-21	16009SC-8330	Tapping Screw (M6*L20)			O	18	
K4-2-22	05001700U000	Table Support Plate				46	
K4-2-23	05001100UK40	Table Support Angle (B) L160				1	
K4-2-24	14002SC-7113	Hex.Socket Bolt (M6*L15)			O	18	
K4-2-25	16061PR-UK01	Table Support Plate (A)				4	
K4-2-26	16058AD-UK01	Table Support Plate (B)				4	
K4-2-27	08101SC-8329	Tapping Screw (M3*L16)			O	30	
K4-2-28	16009SC-8330	Tapping Screw (M6*L20)			O	4	
K4-2-29	05001300U000	Table Support L=263				4	
K4-2-30	GP-008798-00	Table Support Guide				4	
K4-2-31	17062SC-UK01	Table Support Stopper Screw				2	
K4-2-32	17063SC-UK01	Table Support Stopper Screw				2	
K4-2-33	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	24	
K4-2-34	02028SW-9115	Spring Washer (@4)			O	8	
K4-2-35	05009SW-1111	Washer (@4-L)			O	8	

K4-3

This exploded view diagram illustrates the assembly of the K4-3 unit. The main components are labeled as follows:

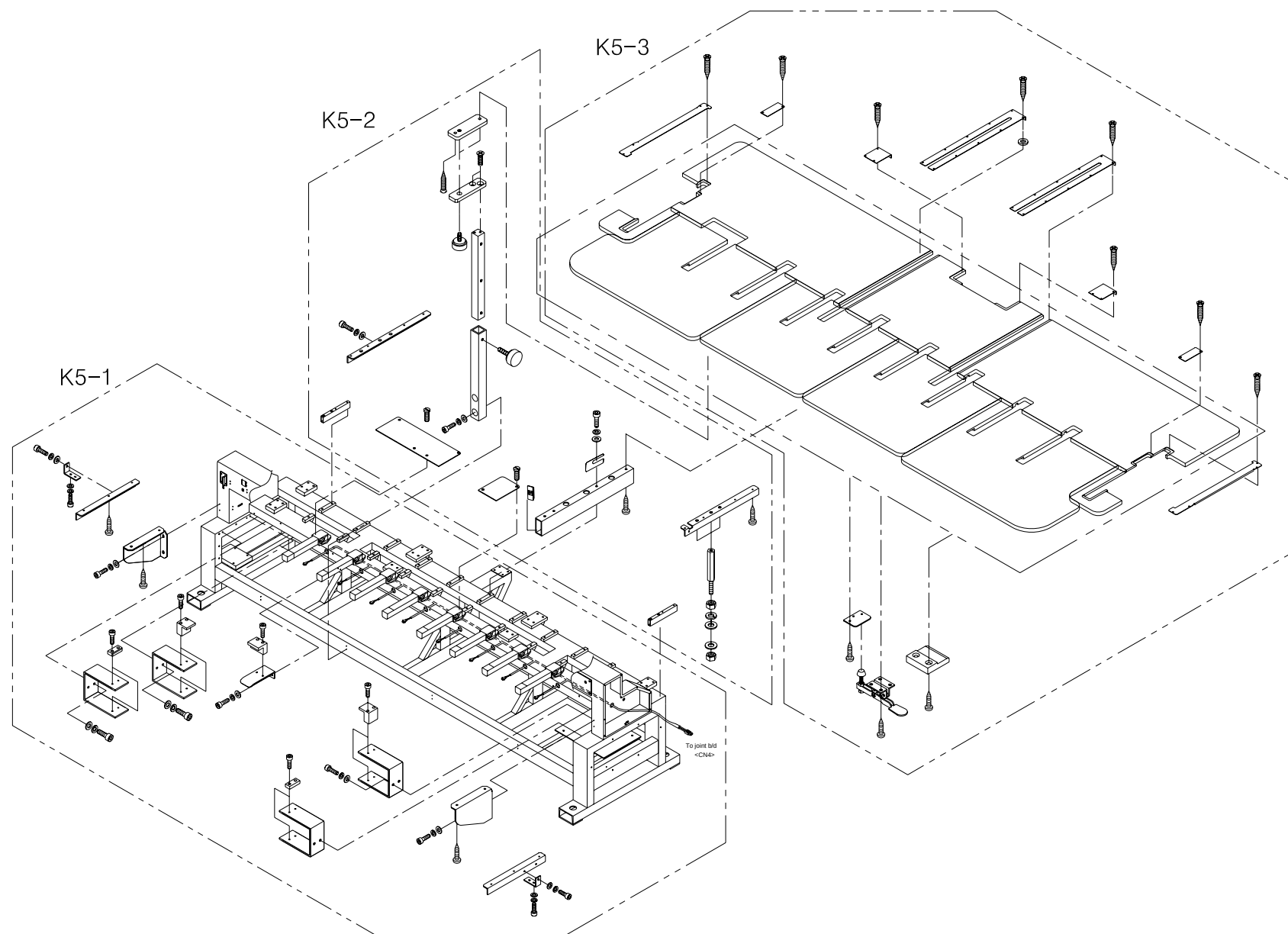
- Top Panel:** K4-3-1
- Internal Components:** K4-3-2, K4-3-3, K4-3-4, K4-3-5, K4-3-6, K4-3-7, K4-3-8, K4-3-9, K4-3-10, K4-3-11, K4-3-12, K4-3-13, K4-3-14, K4-3-15, K4-3-16, K4-3-17, K4-3-18, K4-3-19, K4-3-20, K4-3-21, K4-3-22, K4-3-23
- Fasteners:** K4-3-14, K4-3-16, K4-3-17, K4-3-18, K4-3-19, K4-3-20, K4-3-21, K4-3-22, K4-3-23

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

Note

K4

Table (UH1508-45)



K5-1

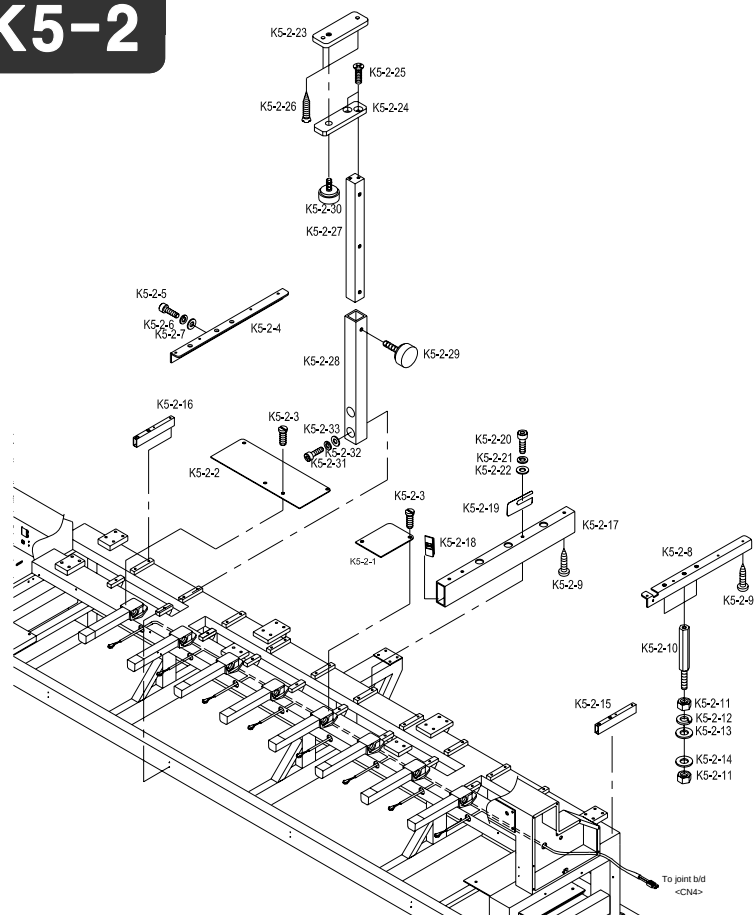
This exploded view diagram illustrates the assembly of the K5-1 machine frame. The main structure consists of a long horizontal base beam with various mounting points. Key components shown include:

- Top Mounting:** A vertical support structure on the left side, which includes a bracket (K5-1-1) and a horizontal arm (K5-1-17) secured with bolts (K5-1-3, K5-1-5, K5-1-6).
- Internal Bracing:** A series of diagonal and horizontal bracing beams (K5-1-2, K5-1-3, K5-1-4, K5-1-5, K5-1-6, K5-1-7, K5-1-8, K5-1-9, K5-1-10, K5-1-11, K5-1-12, K5-1-13, K5-1-14, K5-1-15, K5-1-16, K5-1-17, K5-1-18, K5-1-19, K5-1-20, K5-1-21, K5-1-22, K5-1-23, K5-1-24, K5-1-25, K5-1-26, K5-1-27, K5-1-28, K5-1-29, K5-1-30, K5-1-31, K5-1-32, K5-1-33, K5-1-34, K5-1-35, K5-1-36, K5-1-37, K5-1-38, K5-1-39, K5-1-40, K5-1-41, K5-1-42, K5-1-43, K5-1-44, K5-1-45, K5-1-46, K5-1-47, K5-1-48, K5-1-49, K5-1-50, K5-1-51, K5-1-52, K5-1-53, K5-1-54, K5-1-55, K5-1-56, K5-1-57, K5-1-58, K5-1-59, K5-1-60, K5-1-61, K5-1-62, K5-1-63, K5-1-64, K5-1-65, K5-1-66, K5-1-67, K5-1-68, K5-1-69, K5-1-70, K5-1-71, K5-1-72, K5-1-73, K5-1-74, K5-1-75, K5-1-76, K5-1-77, K5-1-78, K5-1-79, K5-1-80, K5-1-81, K5-1-82, K5-1-83, K5-1-84, K5-1-85, K5-1-86, K5-1-87, K5-1-88, K5-1-89, K5-1-90, K5-1-91, K5-1-92, K5-1-93, K5-1-94, K5-1-95, K5-1-96, K5-1-97, K5-1-98, K5-1-99, K5-1-100, K5-1-101, K5-1-102, K5-1-103, K5-1-104, K5-1-105, K5-1-106, K5-1-107, K5-1-108, K5-1-109, K5-1-110, K5-1-111, K5-1-112, K5-1-113, K5-1-114, K5-1-115, K5-1-116, K5-1-117, K5-1-118, K5-1-119, K5-1-120, K5-1-121, K5-1-122, K5-1-123, K5-1-124, K5-1-125, K5-1-126, K5-1-127, K5-1-128, K5-1-129, K5-1-130, K5-1-131, K5-1-132, K5-1-133, K5-1-134, K5-1-135, K5-1-136, K5-1-137, K5-1-138, K5-1-139, K5-1-140, K5-1-141, K5-1-142, K5-1-143, K5-1-144, K5-1-145, K5-1-146, K5-1-147, K5-1-148, K5-1-149, K5-1-150, K5-1-151, K5-1-152, K5-1-153, K5-1-154, K5-1-155, K5-1-156, K5-1-157, K5-1-158, K5-1-159, K5-1-160, K5-1-161, K5-1-162, K5-1-163, K5-1-164, K5-1-165, K5-1-166, K5-1-167, K5-1-168, K5-1-169, K5-1-170, K5-1-171, K5-1-172, K5-1-173, K5-1-174, K5-1-175, K5-1-176, K5-1-177, K5-1-178, K5-1-179, K5-1-180, K5-1-181, K5-1-182, K5-1-183, K5-1-184, K5-1-185, K5-1-186, K5-1-187, K5-1-188, K5-1-189, K5-1-190, K5-1-191, K5-1-192, K5-1-193, K5-1-194, K5-1-195, K5-1-196, K5-1-197, K5-1-198, K5-1-199, K5-1-200, K5-1-201, K5-1-202, K5-1-203, K5-1-204, K5-1-205, K5-1-206, K5-1-207, K5-1-208, K5-1-209, K5-1-210, K5-1-211, K5-1-212, K5-1-213, K5-1-214, K5-1-215, K5-1-216, K5-1-217, K5-1-218, K5-1-219, K5-1-220, K5-1-221, K5-1-222, K5-1-223, K5-1-224, K5-1-225, K5-1-226, K5-1-227, K5-1-228, K5-1-229, K5-1-230, K5-1-231, K5-1-232, K5-1-233, K5-1-234, K5-1-235, K5-1-236, K5-1-237, K5-1-238, K5-1-239, K5-1-240, K5-1-241, K5-1-242, K5-1-243, K5-1-244, K5-1-245, K5-1-246, K5-1-247, K5-1-248, K5-1-249, K5-1-250, K5-1-251, K5-1-252, K5-1-253, K5-1-254, K5-1-255, K5-1-256, K5-1-257, K5-1-258, K5-1-259, K5-1-260, K5-1-261, K5-1-262, K5-1-263, K5-1-264, K5-1-265, K5-1-266, K5-1-267, K5-1-268, K5-1-269, K5-1-270, K5-1-271, K5-1-272, K5-1-273, K5-1-274, K5-1-275, K5-1-276, K5-1-277, K5-1-278, K5-1-279, K5-1-280, K5-1-281, K5-1-282, K5-1-283, K5-1-284, K5-1-285, K5-1-286, K5-1-287, K5-1-288, K5-1-289, K5-1-290, K5-1-291, K5-1-292, K5-1-293, K5-1-294, K5-1-295, K5-1-296, K5-1-297, K5-1-298, K5-1-299, K5-1-300, K5-1-301, K5-1-302, K5-1-303, K5-1-304, K5-1-305, K5-1-306, K5-1-307, K5-1-308, K5-1-309, K5-1-310, K5-1-311, K5-1-312, K5-1-313, K5-1-314, K5-1-315, K5-1-316, K5-1-317, K5-1-318, K5-1-319, K5-1-320, K5-1-321, K5-1-322, K5-1-323, K5-1-324, K5-1-325, K5-1-326, K5-1-327, K5-1-328, K5-1-329, K5-1-330, K5-1-331, K5-1-332, K5-1-333, K5-1-334, K5-1-335, K5-1-336, K5-1-337, K5-1-338, K5-1-339, K5-1-340, K5-1-341, K5-1-342, K5-1-343, K5-1-344, K5-1-345, K5-1-346, K5-1-347, K5-1-348, K5-1-349, K5-1-350, K5-1-351, K5-1-352, K5-1-353, K5-1-354, K5-1-355, K5-1-356, K5-1-357, K5-1-358, K5-1-359, K5-1-360, K5-1-361, K5-1-362, K5-1-363, K5-1-364, K5-1-365, K5-1-366, K5-1-367, K5-1-368, K5-1-369, K5-1-370, K5-1-371, K5-1-372, K5-1-373, K5-1-374, K5-1-375, K5-1-376, K5-1-377, K5-1-378, K5-1-379, K5-1-380, K5-1-381, K5-1-382, K5-1-383, K5-1-384, K5-1-385, K5-1-386, K5-1-387, K5-1-388, K5-1-389, K5-1-390, K5-1-391, K5-1-392, K5-1-393, K5-1-394, K5-1-395, K5-1-396, K5-1-397, K5-1-398, K5-1-399, K5-1-400, K5-1-401, K5-1-402, K5-1-403, K5-1-404, K5-1-405, K5-1-406, K5-1-407, K5-1-408, K5-1-409, K5-1-410, K5-1-411, K5-1-412, K5-1-413, K5-1-414, K5-1-415, K5-1-416, K5-1-417, K5-1-418, K5-1-419, K5-1-420, K5-1-421, K5-1-422, K5-1-423, K5-1-424, K5-1-425, K5-1-426, K5-1-427, K5-1-428, K5-1-429, K5-1-430, K5-1-431, K5-1-432, K5-1-433, K5-1-434, K5-1-435, K5-1-436, K5-1-437, K5-1-438, K5-1-439, K5-1-440, K5-1-441, K5-1-442, K5-1-443, K5-1-444, K5-1-445, K5-1-446, K5-1-447, K5-1-448, K5-1-449, K5-1-450, K

Note

K5

K5-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
K5-2-1	16016PR-UK01	Gear Cover				4	
K5-2-2	16018PR-UK01	Mes Cam Driving Box Cover				1	
K5-2-3	02030SC-T121	Bed Cover Screw(9/64" 40)				14	
K5-2-4	05010100U000	TABLE SUPPORTER (A1) L=628				1	
K5-2-5	08076SC-7113	Hex. Socket Bolt (M5*L12)			O	26	
K5-2-6	18048SW-3115	Spring Washer (@5)			O	34	
K5-2-7	16018SW-1111	Washer (@5)			O	34	
K5-2-8	05010300U000	TABLE SUPPORTER (B1) L=628				1	
K5-2-9	16009SC-8330	Tapping Screw (M6*L20)			O	83	
K5-2-10	16021CW-A001	Table Support Stud				6	
K5-2-11	04032SN-A001	Hex. Nut (M8-No2)			O	12	
K5-2-12	15095SW-3115	Spring Washer (@8)			O	6	
K5-2-13	04030SW-A001	Stud Bolt Washer(L) (@8)			O	6	
K5-2-14	04029SW-A001	Stud Bolt Washer(S) (@8)			O	6	
K5-2-15	05001200UH80	Table Support Angle (E) L337				2	
K5-2-16	05001100UH80	Table Support Angle (B) L452				1	
K5-2-17	GP-008148-00	Table Supporter (C)L547	Mar,22,05 ~ Aug,22,06			10	
	GP-008148-01		Aug,23,06 ~			10	
K5-2-18	GP-003757-00	TABLE SUPPORT END CAP				20	
K5-2-19	05001700U000	Table Support Plate				46	
K5-2-20	16009SC-4113	Hex.Socket Bolt(M10*L25)			O	40	
K5-2-21	16029SW-3115	Spring Washer (10@)			O	40	
K5-2-22	01007SW-1111	Washer (10@)			O	40	
K5-2-23	16061PR-UK01	Table Support Plate (A)				4	
K5-2-24	16058AD-UK01	Table Support Plate (B)				4	
K5-2-25	15089SC-7119	C.S Screw (M4*L12)			O	8	
K5-2-26	08101SC-8329	Tapping Screw (M3*L16)			O	8	
K5-2-27	05001300U000	Table Support L=263				4	
K5-2-28	GP-008798-00	Table Support Guide				4	
K5-2-29	17062SC-UK01	Table Support Stopper Screw				2	
K5-2-30	17063SC-UK01	Table Support Stopper Screw				2	
K5-2-31	02015SC-7113	Hex.Socket Bolt(M4*L10)			O	8	
K5-2-32	02028SW-9115	Spring Washer (@4)			O	8	
K5-2-33	05009SW-1111	Washer (@4-L)			O	8	

K5

K5-3

This diagram illustrates the exploded view of the K5-3 assembly. The main components are labeled as follows:

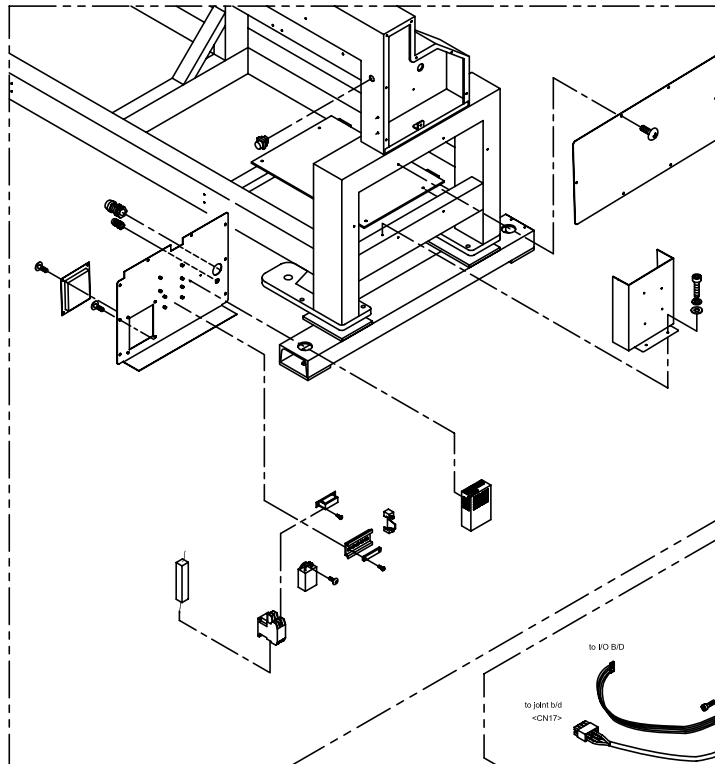
- K5-3-1** through **K5-3-12**: Various structural rails and brackets forming the main frame.
- K5-3-13** through **K5-3-27**: Smaller components, including a central plate, a base plate, and various fasteners.
- K5-3-28** through **K5-3-30**: Additional structural elements and fasteners.
- K5-3-31** through **K5-3-36**: Final assembly components, including a top plate and various fasteners.

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

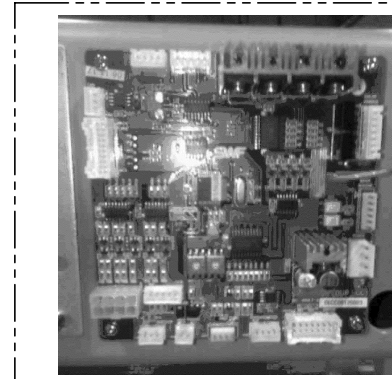
Note

K5

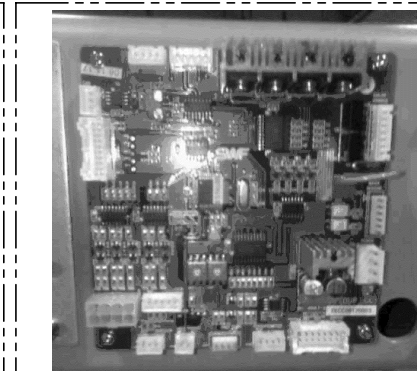
Cable



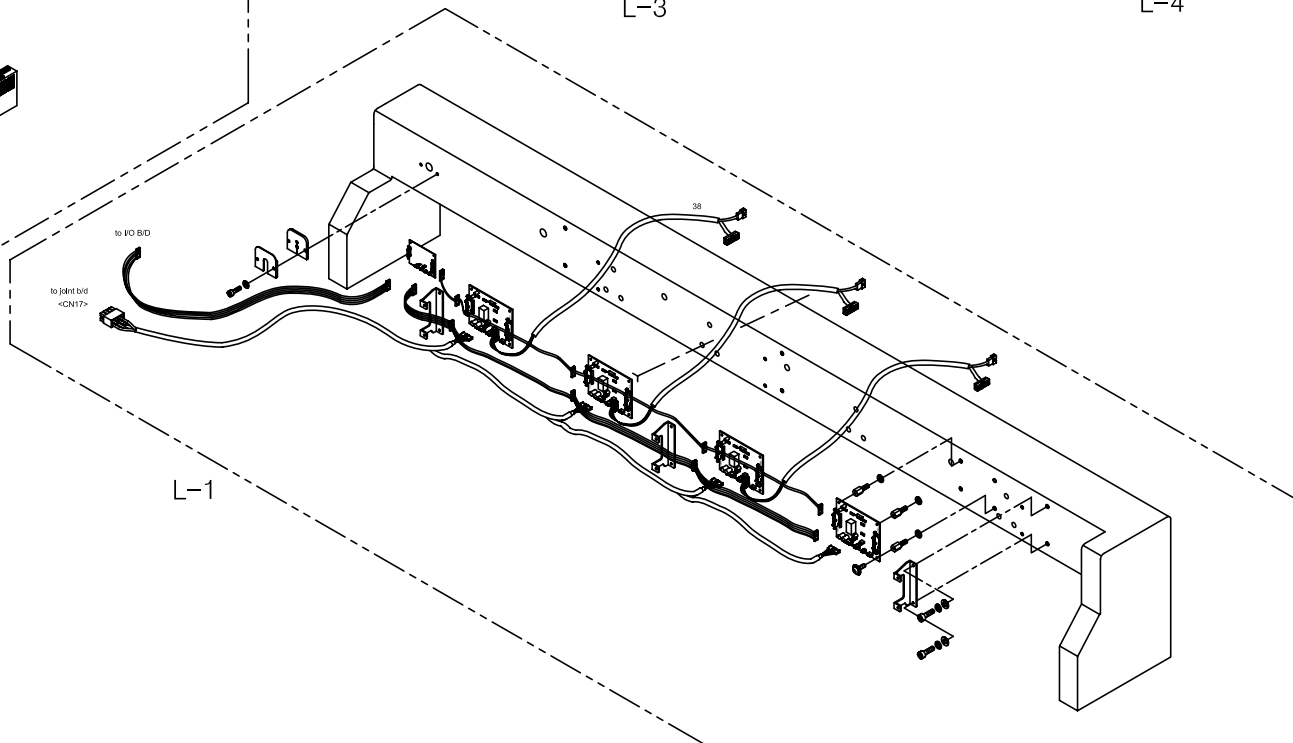
L-2



L-3



L-4

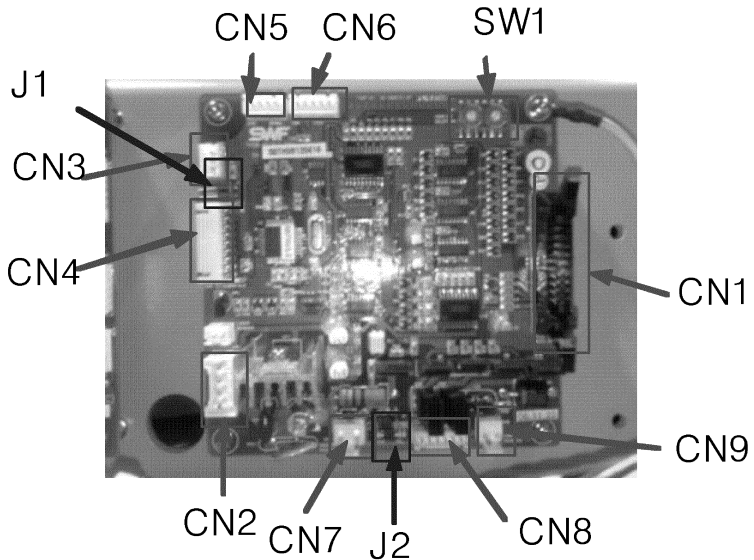


L-1



Note

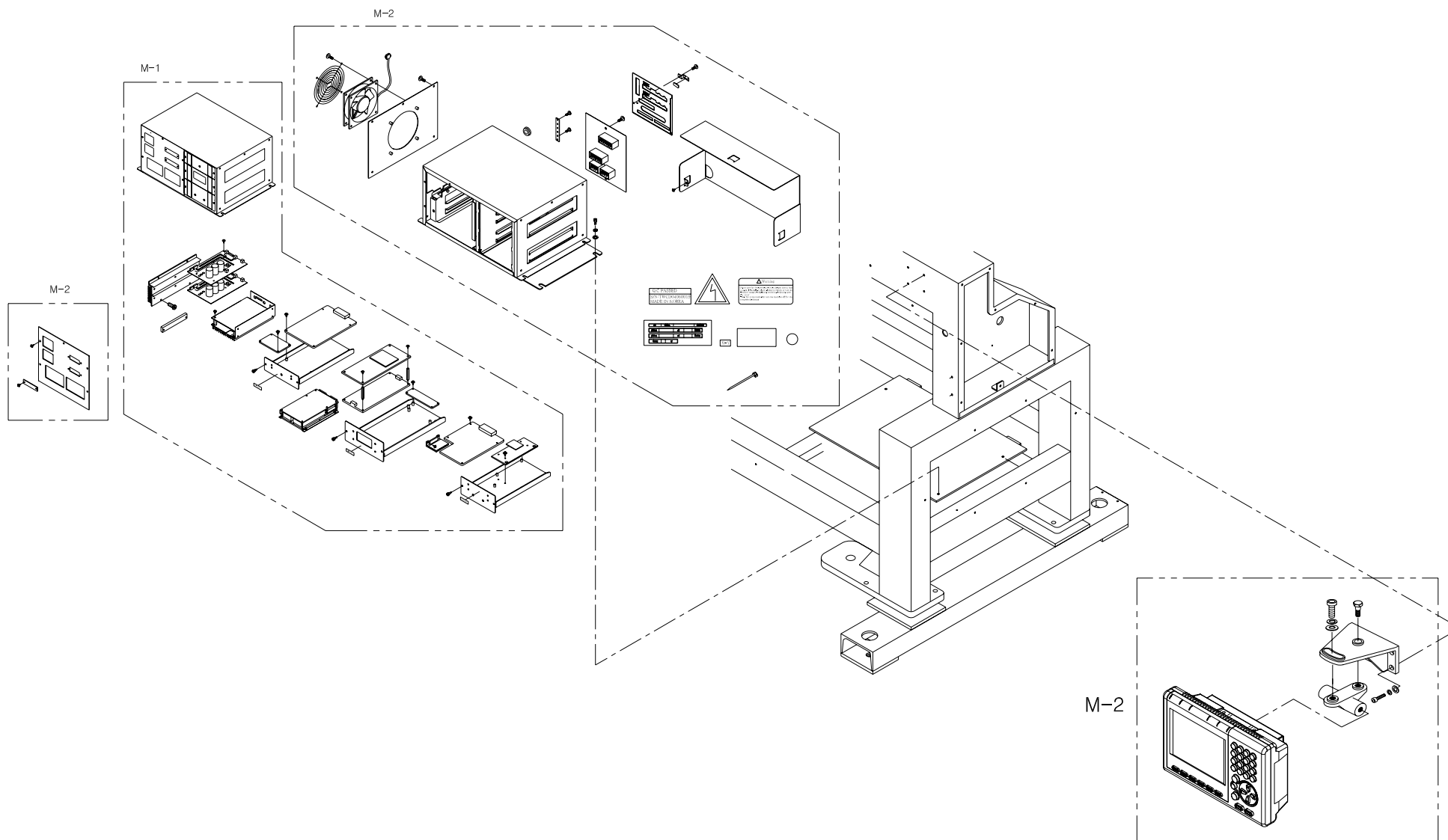
L-4



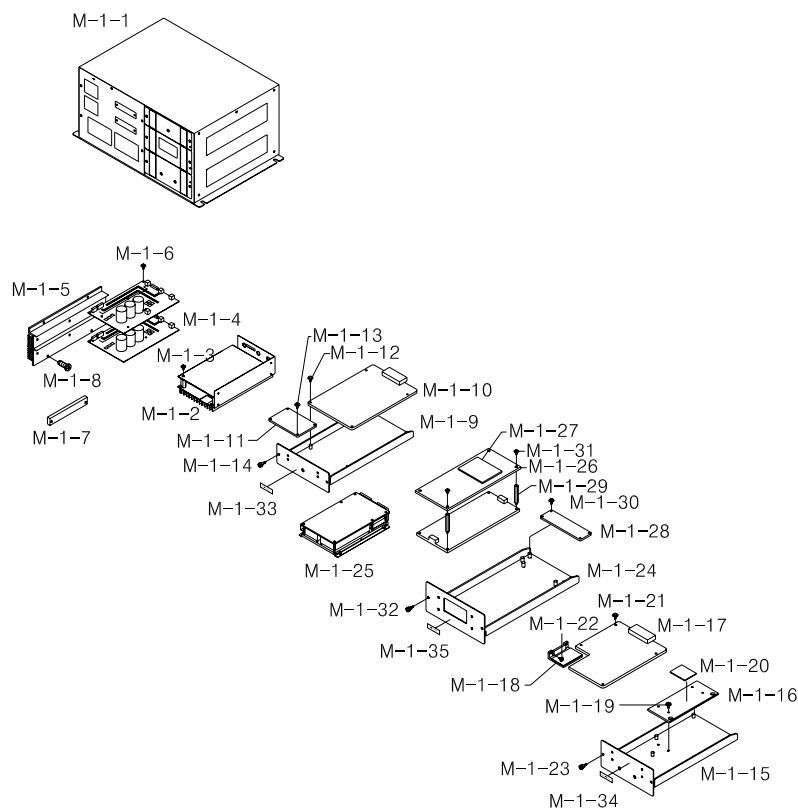
Note

[illegible]

CON Box & OP Box



M-1



Note

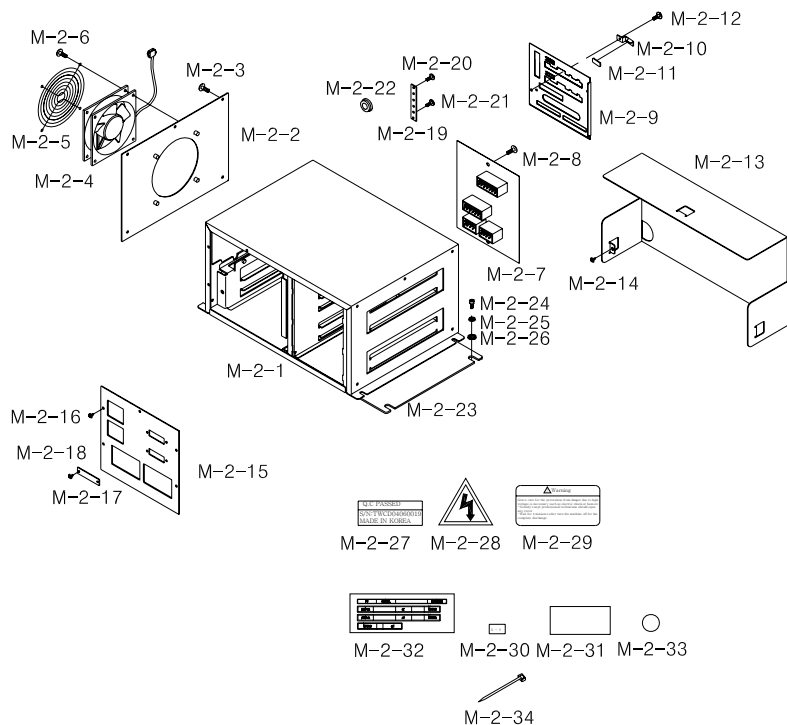
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
M-1-1	SWF-00000457	Control Box Assy(BD-000542-00 , 110V/2.0A)				1	
	SWF-00000461	Control Box Assy(BD-000543-00 , 220V/2.0A)					
	SWF-00000484	Control Box Assy(BD-000544-00 , 110V/2.5A)					
	SWF-00000485	Control Box Assy(BD-000545-00 , 220V/2.5A)					
	SWF-00000486	Control Box Assy(BD-000146-03 , 110V/3.5A)					
	SWF-00000487	Control Box Assy(BD-000044-03 , 220V/3.5A)					
M-1-2	BD-000311-00	Main Drive (ASSY) (220V)//BD-000312-00(110V)				1	
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)				2	
M-1-5	GP-015921-00	Driver Radiator				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-016008-01	IO MC Bracket				1	
M-1-10	BD-000306-00	IO MC Board				1	
	BD-000779-00	IO MC Board (E_PLUS)				1	
M-1-11	BD-000423-00	IO LED Board				1	
M-1-12	10-028S-SC53	IO MC Board Screw (M3xL7)				4	
M-1-13	10-028S-SC53	IO LED Board Screw(set) (M3xL7)				4	
M-1-14	SC-000406-00	IO MC Bracket Screw				2	
M-1-15	GP-016007-01	DDC Bracket				1	
M-1-16	GP-017703-01	DDC Radiator				1	
M-1-17	BD-000387-00	DDC Board				1	
M-1-18	EP-000149-00	Wiper Motor Driver				1	
M-1-19	10-028S-SC53	DDC Radiator Screw(set) (M3xL7)				4	
M-1-20	GP-015654.00	DDC Radiator Sheet				1	
M-1-21	10-028S-SC53	DDC Board Screw(set) (M3xL7)				4	
M-1-22	10-028S-SC53	Wiper Motor Drive Screw(set) (M3xL7)				2	
M-1-23	SC-000406-00	DDC Bracket Screw				2	
M-1-24	GP-016009-00	SMPS Bracket				1	
M-1-25	EP-000029-00	SMPS				1	
M-1-26	GP-015653,00	SMPS Radiator				1	
M-1-27	GP-012118,00	SMPS Radiator Sheet				1	
M-1-28	BD-000392-00	UNIT Board				1	
M-1-29	GP-010543,01	SMPS Fixing Stud (3-5-45)				4	
M-1-30	10-028S-SC53	UNIT Board Screw(set) (M3xL7)				4	

M-1

The diagram illustrates the assembly of the M-1 server chassis. It begins with the main chassis unit (M-1-1) and proceeds through various internal components including the power supply (M-1-2), cooling fans (M-1-3, M-1-4), and the mainboard (M-1-5). The diagram also shows the installation of the hard drive (M-1-6), the front panel (M-1-7), and the rear panel (M-1-8). The final assembly steps involve the installation of the top cover (M-1-9) and the bottom cover (M-1-10). The diagram is labeled with various part numbers such as M-1-1, M-1-2, M-1-3, M-1-4, M-1-5, M-1-6, M-1-7, M-1-8, M-1-9, M-1-10, M-1-11, M-1-12, M-1-13, M-1-14, M-1-15, M-1-16, M-1-17, M-1-18, M-1-19, M-1-20, M-1-21, M-1-22, M-1-23, M-1-24, M-1-25, M-1-26, M-1-27, M-1-28, M-1-29, M-1-30, M-1-31, M-1-32, M-1-33, M-1-34, M-1-35, M-1-36, M-1-37, M-1-38, M-1-39, M-1-40, M-1-41, M-1-42, M-1-43, M-1-44, M-1-45, M-1-46, M-1-47, M-1-48, M-1-49, M-1-50, M-1-51, M-1-52, M-1-53, M-1-54, M-1-55, M-1-56, M-1-57, M-1-58, M-1-59, M-1-60, M-1-61, M-1-62, M-1-63, M-1-64, M-1-65, M-1-66, M-1-67, M-1-68, M-1-69, M-1-70, M-1-71, M-1-72, M-1-73, M-1-74, M-1-75, M-1-76, M-1-77, M-1-78, M-1-79, M-1-80, M-1-81, M-1-82, M-1-83, M-1-84, M-1-85, M-1-86, M-1-87, M-1-88, M-1-89, M-1-90, M-1-91, M-1-92, M-1-93, M-1-94, M-1-95, M-1-96, M-1-97, M-1-98, M-1-99, M-1-100.

Note

M-2



Note

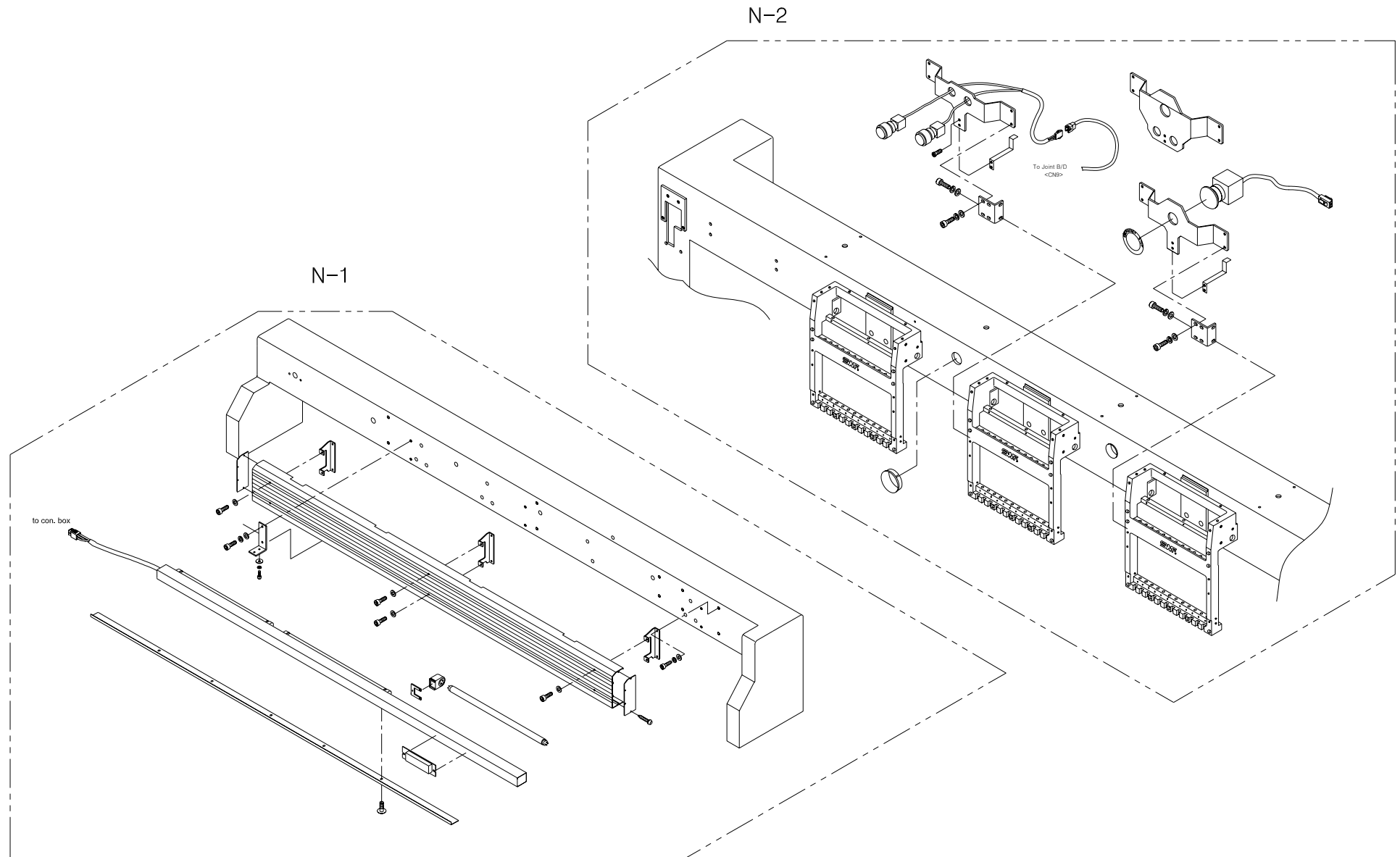
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
M-2-1	GP-016016-00	Cotrol Box					
M-2-2	GP-016015-00	Side Cover					
M-2-3	10-003M-PT01	Side Cover Screw (M4xL8)					
M-2-4	01-002A-AT01	COOLING FAN					
M-2-5	01-002B-AU12	FAN Cover					
M-2-6	01-002M-AU12	FAN Screw (M4xL35)					
M-2-7	BD-000389-00	Back plane Board					
M-2-8	07-004S-SM5S	Back plane Board Screw (Set) (M4xL10)					
M-2-9	GP-016016-04	Connector PCB Cover					
M-2-10	GP-029667-00	Encoder Fixed Bracket					
M-2-11	GP-030369-00	Sponge					
M-2-12	07-004S-SM5S	Connector PCB Cover Screw (set) (M4xL10)					
M-2-13	GP-016014,00	Harness Cover					
M-2-14	07-004S-SM5S	Harness Cover Screw(set)					
M-2-15	GP-016011-00	Front Cover (L)					
M-2-16	10-003M-PT01	Front Cover(L) Screw (M4xL8)					
M-2-17	02-001B-SW67	Switch Cover					
M-2-18	13054SC-3123	Switch Cover Screw(set) (M3xL8)					
M-2-19	10-005A-DU33	Earth Plate					
M-2-20	07-004S-SM5S	Earth Plate Screw(set) (M4xL10)					
M-2-21	01-037S-2070	Earth Screw (M4xL8)					
M-2-22	09-025R-SC53	Rubber Din Cap					
M-2-23	GP-017171,00	Rubeer					
M-2-24	18047SC-7113	Control Box Screw (M5xL15)					
M-2-25	16019SW-4115	Control Box Spring Washer					
M-2-26	16018SW-1111	Control Box Washer					
M-2-27	09-023C-SC53	QC Passed Sticker					
M-2-28	04-003S-AU10	Warning Sticker					
M-2-29	04-004S-AU10	Warning Sticker					
M-2-30	04-001S-AU10	X.Y Sticker					
M-2-31	04-002S-AU10	Current Setting Sticker					
M-2-32	GP-017710-00	Signal Sticker					
M-2-33	09-012S-CE53	Earth Sticker					
M-2-34	15-025M-1000	Cable tie					

M-3

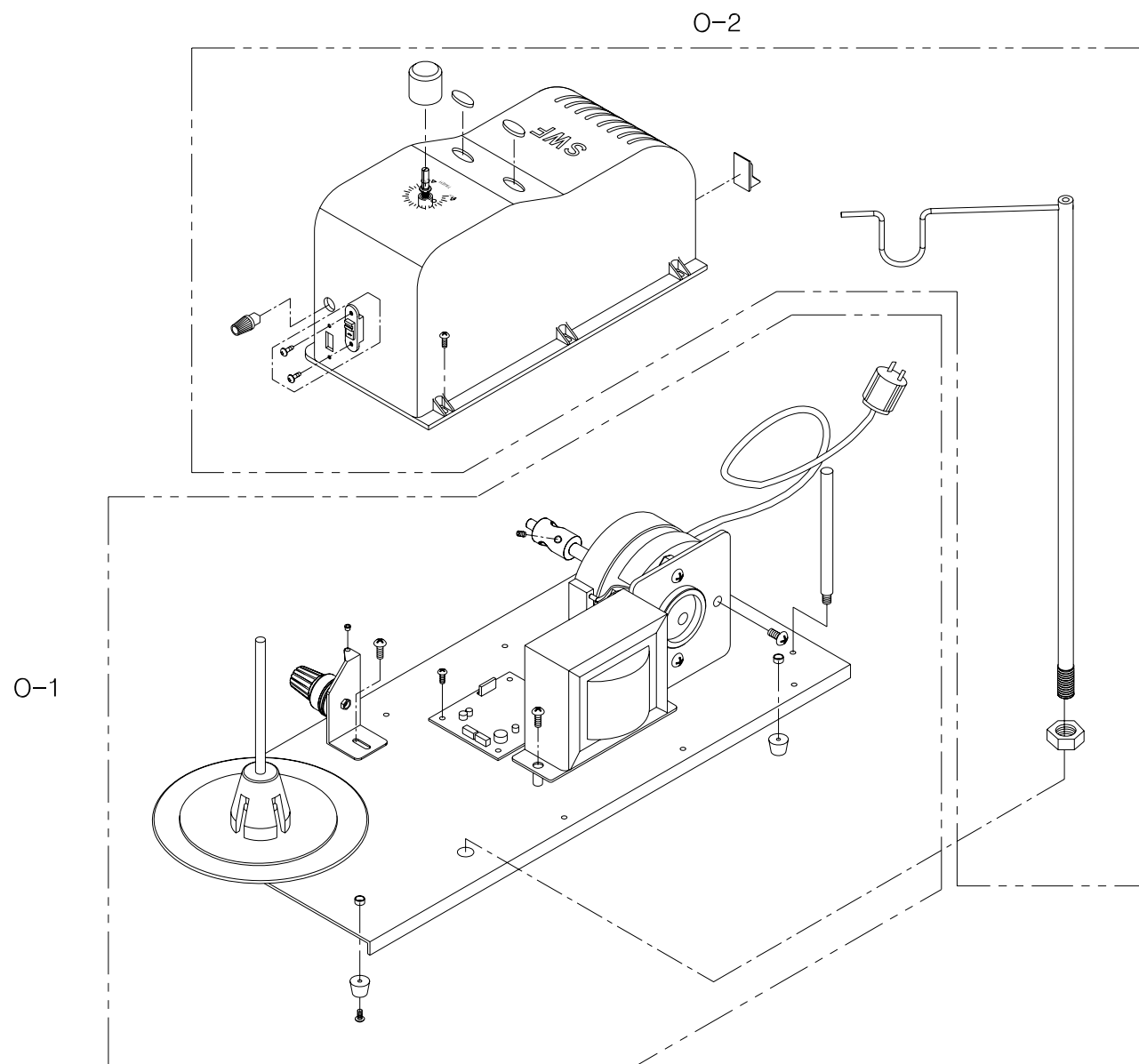
The diagram illustrates the assembly of the M-3 component. On the left, the M-3-1 unit is shown, which is a rectangular device with a screen and a keypad. To its right, a bracket assembly is shown being attached to a vertical structure. The bracket assembly consists of a main bracket (M-3-2) and a smaller sub-bracket (M-3-6). The main bracket is secured with a screw (M-3-7), a washer (M-3-8), and a nut (M-3-9). The sub-bracket is secured with a screw (M-3-10). The sub-bracket is also secured with a screw (M-3-3) and a nut (M-3-4). The main bracket is secured with a screw (M-3-5) and a nut (M-3-6). The diagram shows the M-3-1 unit being attached to the bracket assembly.

Note

LAMP & SWITCH



Bobbin Winder



0

133

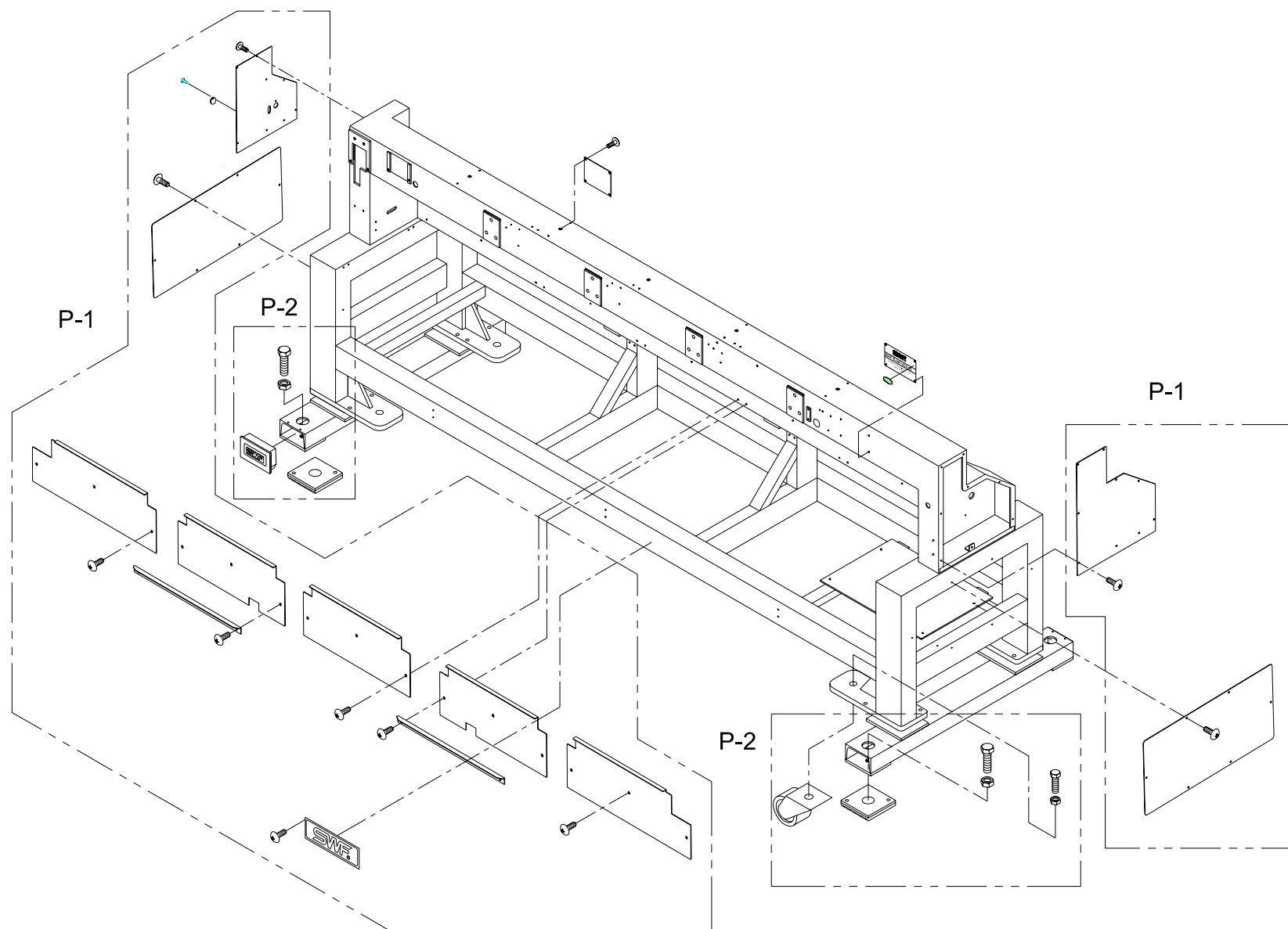
O

134

P

SWF

COVER



P

136

P-2

This exploded view diagram illustrates the assembly of the P-2 unit. The main structure is a large, curved metal frame. Various components are shown being attached to this frame:

- P-2-1:** A rectangular plate with a central hole, shown being attached to the bottom right of the frame.
- P-2-2:** A square plate with a central hole, shown being attached to the bottom left of the frame.
- P-2-3:** A screw, shown being inserted into the top of the P-2-1 plate.
- P-2-4:** A screw, shown being inserted into the top of the P-2-2 plate.
- P-2-5:** A small rectangular component, shown being attached to the bottom left of the frame.

The diagram uses dashed lines to indicate the alignment and assembly path for each component.

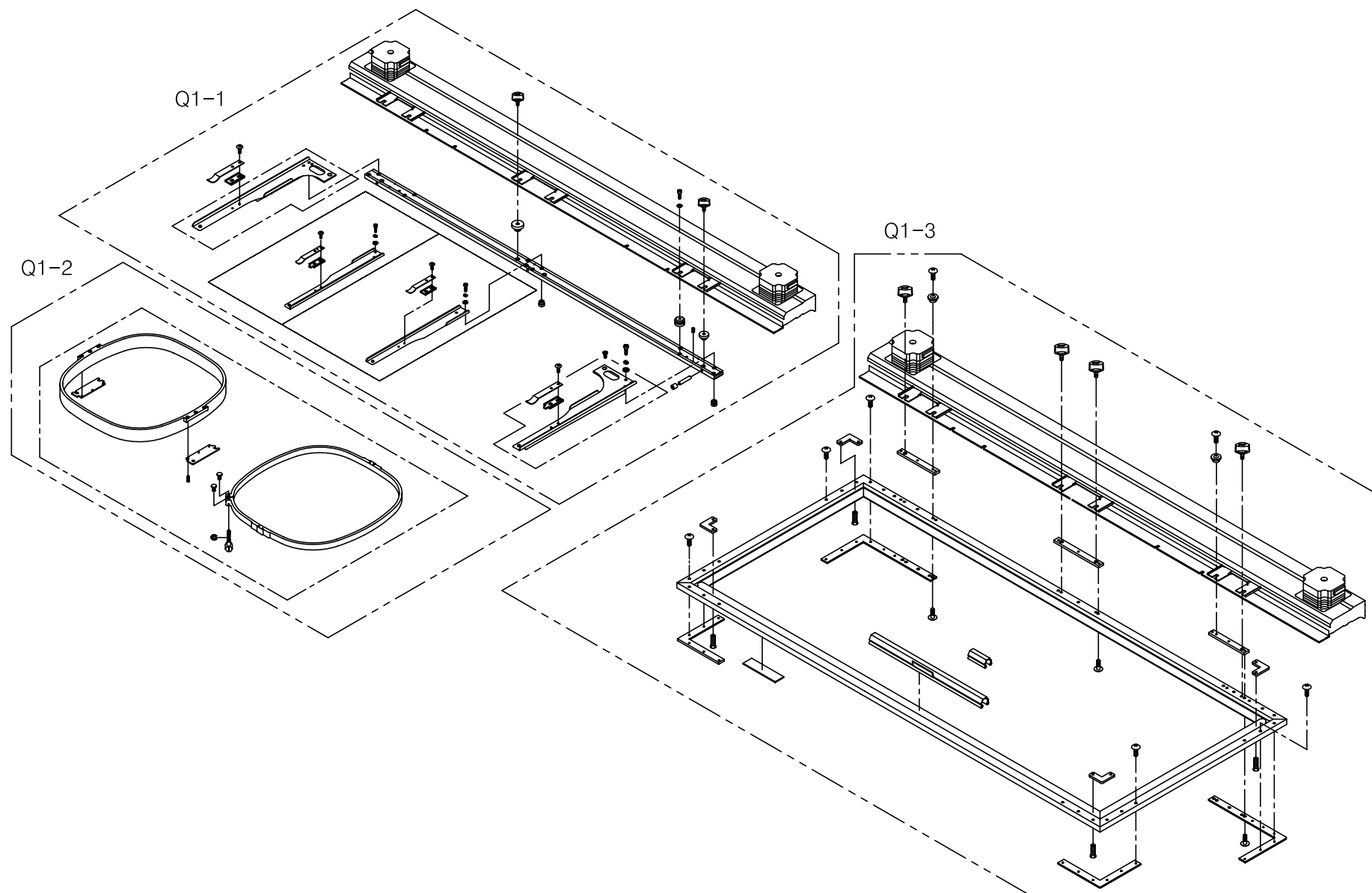
Note

P

Q1

SWF

FRAME (1202-45)



Q1-1

This exploded view diagram illustrates the assembly of the Q1-1 unit. The components are labeled with part numbers and callouts indicating their assembly sequence:

- Q1-1-1**: Main horizontal rail assembly.
- Q1-1-2**: Small circular component, likely a pin or washer.
- Q1-1-3**: Small circular component, likely a pin or washer.
- Q1-1-4**: Small circular component, likely a pin or washer.
- Q1-1-5**: Small circular component, likely a pin or washer.
- Q1-1-6**: Small circular component, likely a pin or washer.
- Q1-1-7**: Small circular component, likely a pin or washer.
- Q1-1-8**: Small circular component, likely a pin or washer.
- Q1-1-9**: Small circular component, likely a pin or washer.
- Q1-1-10**: Small circular component, likely a pin or washer.
- Q1-1-11**: Small circular component, likely a pin or washer.
- Q1-1-12**: Small circular component, likely a pin or washer.
- Q1-1-13**: Small circular component, likely a pin or washer.
- Q1-1-14**: Small circular component, likely a pin or washer.
- Q1-1-15**: Small circular component, likely a pin or washer.
- Q1-1-16**: Small circular component, likely a pin or washer.
- Q1-1-17**: Small circular component, likely a pin or washer.
- Q1-1-18**: Small circular component, likely a pin or washer.
- Q1-1-19**: Small circular component, likely a pin or washer.
- Q1-1-20**: Small circular component, likely a pin or washer.
- Q1-1-21**: Small circular component, likely a pin or washer.
- Q1-1-22**: Small circular component, likely a pin or washer.
- Q1-1-23**: Small circular component, likely a pin or washer.
- Q1-1-24**: Small circular component, likely a pin or washer.

Note

Q1

Q1-2

The diagram illustrates the exploded view of the Q1-2 assembly. It features two main rectangular frames, Q1-2-1 and Q1-2-5, which are connected by a central assembly of components. A small rectangular plate, Q1-2-4, is shown attached to the inner side of frame Q1-2-1. The central assembly includes a long rectangular plate, Q1-2-2, which is secured by a screw, Q1-2-8. A small pin, Q1-2-3, is shown near the bottom of frame Q1-2-1. A small screw, Q1-2-7, is shown near the bottom of frame Q1-2-5. A small screw, Q1-2-9, is shown near the bottom of frame Q1-2-5. A small screw, Q1-2-6, is shown near the bottom of frame Q1-2-5.

Note

Q1

Q1-3

This diagram illustrates the exploded view of the Q1-3 assembly. The main structure consists of a rectangular frame formed by two long side rails (Q1-3-1, Q1-3-2) and two shorter end rails (Q1-3-3, Q1-3-4). A central horizontal rail (Q1-3-5) is positioned between the side rails. Various components are shown being attached to these rails using screws (Q1-3-6, Q1-3-7, Q1-3-8, Q1-3-9, Q1-3-10, Q1-3-11, Q1-3-12, Q1-3-13, Q1-3-14, Q1-3-15, Q1-3-16, Q1-3-17, Q1-3-18) and brackets (Q1-3-19, Q1-3-20, Q1-3-21, Q1-3-22, Q1-3-23, Q1-3-24, Q1-3-25, Q1-3-26, Q1-3-27, Q1-3-28, Q1-3-29, Q1-3-30, Q1-3-31, Q1-3-32, Q1-3-33, Q1-3-34, Q1-3-35, Q1-3-36, Q1-3-37, Q1-3-38, Q1-3-39, Q1-3-40, Q1-3-41, Q1-3-42, Q1-3-43, Q1-3-44, Q1-3-45, Q1-3-46, Q1-3-47, Q1-3-48, Q1-3-49, Q1-3-50, Q1-3-51, Q1-3-52, Q1-3-53, Q1-3-54, Q1-3-55, Q1-3-56, Q1-3-57, Q1-3-58, Q1-3-59, Q1-3-60, Q1-3-61, Q1-3-62, Q1-3-63, Q1-3-64, Q1-3-65, Q1-3-66, Q1-3-67, Q1-3-68, Q1-3-69, Q1-3-70, Q1-3-71, Q1-3-72, Q1-3-73, Q1-3-74, Q1-3-75, Q1-3-76, Q1-3-77, Q1-3-78, Q1-3-79, Q1-3-80, Q1-3-81, Q1-3-82, Q1-3-83, Q1-3-84, Q1-3-85, Q1-3-86, Q1-3-87, Q1-3-88, Q1-3-89, Q1-3-90, Q1-3-91, Q1-3-92, Q1-3-93, Q1-3-94, Q1-3-95, Q1-3-96, Q1-3-97, Q1-3-98, Q1-3-99, Q1-3-100). The diagram also shows the installation of two motorized units (Q1-3-1, Q1-3-2) at the ends of the assembly. The components are labeled with their respective part numbers, and the diagram is titled 'Q1-3'.

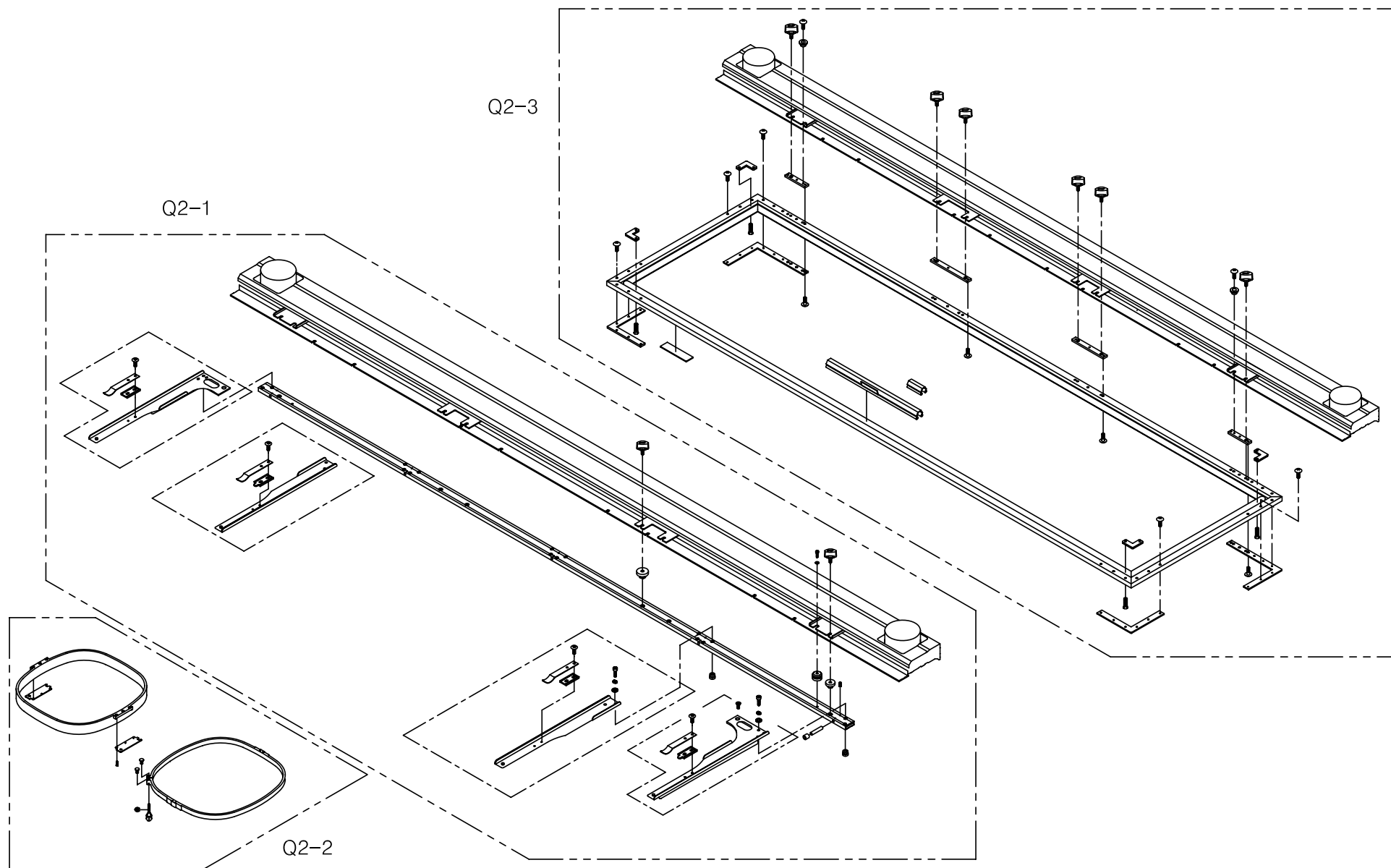
Note

Q1

Q2

SWF

FRAME (1204-45)



Q2-1

This exploded view diagram illustrates the assembly of the Q2-1 sliding door system. The main components shown include:

- Q2-1-1**: The main door profile.
- Q2-1-2**: A roller or guide component.
- Q2-1-3**: A bracket or support component.
- Q2-1-4**: A small pin or screw.
- Q2-1-5**: A small pin or screw.
- Q2-1-6**: A bracket or support component.
- Q2-1-7**: A small pin or screw.
- Q2-1-8**: A small pin or screw.
- Q2-1-9**: A bracket or support component.
- Q2-1-10**: A roller or guide component.
- Q2-1-11**: A bracket or support component.
- Q2-1-12**: A small pin or screw.
- Q2-1-13**: A small pin or screw.
- Q2-1-14**: A bracket or support component.
- Q2-1-15**: A bracket or support component.
- Q2-1-16**: A small pin or screw.
- Q2-1-17**: A small pin or screw.
- Q2-1-18**: A small pin or screw.
- Q2-1-19**: A bracket or support component.
- Q2-1-20**: A bracket or support component.
- Q2-1-21**: A bracket or support component.
- Q2-1-22**: A bracket or support component.
- Q2-1-23**: A bracket or support component.
- Q2-1-24**: A bracket or support component.

The diagram shows how these components are assembled onto the main door profile (Q2-1-1) to create a functional sliding door system. Dashed lines indicate the alignment and assembly path for each part.

Note

Q2

Q2-2

Q2-2-1

Q2-2-4

Q2-2-2

Q2-2-3

Q2-2-8

Q2-2-7

Q2-2-9

Q2-2-6

Q2-2-5

This exploded view diagram illustrates the assembly of the Q2-2 door. The components are labeled as follows:

- Q2-2-1**: The main door frame, shown as a large rectangular outline.
- Q2-2-2**: A small rectangular plate with two mounting holes, positioned to be attached to the frame.
- Q2-2-3**: A small cylindrical pin or bolt, shown below the plate.
- Q2-2-4**: A small rectangular plate with two mounting holes, positioned to be attached to the frame.
- Q2-2-5**: The main door panel, shown as a large rectangular outline.
- Q2-2-6**: A small cylindrical pin or bolt, shown below the panel.
- Q2-2-7**: A small cylindrical pin or bolt, shown below the panel.
- Q2-2-8**: A small cylindrical pin or bolt, shown below the panel.
- Q2-2-9**: A small cylindrical pin or bolt, shown below the panel.

Note

Q2

[illegible]

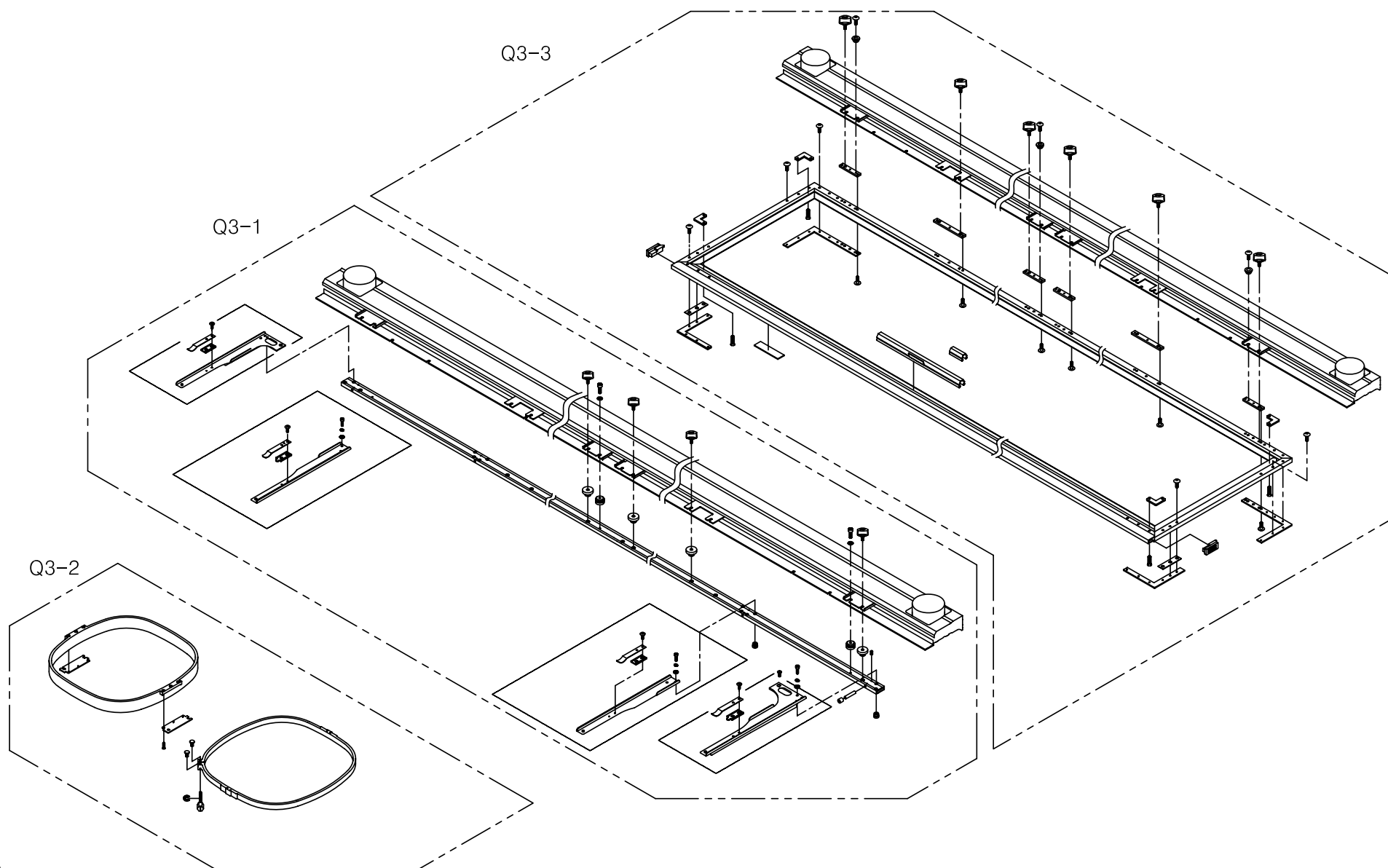
Note

Q2

Q3

SWF

FRAME (1206-45)



Q3-1

This exploded view diagram illustrates the assembly of the Q3-1 LED track lighting system. The main components and their assembly points are labeled as follows:

- Track Rail:** The central component, labeled Q3-1-1.
- End Cap:** Labeled Q3-1-21, shown at the left end of the track.
- Mounting Bracket:** Labeled Q3-1-11, shown at the bottom left.
- Mounting Arm:** Labeled Q3-1-12, Q3-1-13, Q3-1-14, Q3-1-15, Q3-1-16, Q3-1-17, Q3-1-18, Q3-1-19, Q3-1-20, Q3-1-22, Q3-1-23, Q3-1-24, Q3-1-25, Q3-1-26, Q3-1-27, Q3-1-28, Q3-1-29, Q3-1-30, Q3-1-31, Q3-1-32, Q3-1-33, Q3-1-34, Q3-1-35, Q3-1-36, Q3-1-37, Q3-1-38, Q3-1-39, Q3-1-40, Q3-1-41, Q3-1-42, Q3-1-43, Q3-1-44, Q3-1-45, Q3-1-46, Q3-1-47, Q3-1-48, Q3-1-49, Q3-1-50, Q3-1-51, Q3-1-52, Q3-1-53, Q3-1-54, Q3-1-55, Q3-1-56, Q3-1-57, Q3-1-58, Q3-1-59, Q3-1-60, Q3-1-61, Q3-1-62, Q3-1-63, Q3-1-64, Q3-1-65, Q3-1-66, Q3-1-67, Q3-1-68, Q3-1-69, Q3-1-70, Q3-1-71, Q3-1-72, Q3-1-73, Q3-1-74, Q3-1-75, Q3-1-76, Q3-1-77, Q3-1-78, Q3-1-79, Q3-1-80, Q3-1-81, Q3-1-82, Q3-1-83, Q3-1-84, Q3-1-85, Q3-1-86, Q3-1-87, Q3-1-88, Q3-1-89, Q3-1-90, Q3-1-91, Q3-1-92, Q3-1-93, Q3-1-94, Q3-1-95, Q3-1-96, Q3-1-97, Q3-1-98, Q3-1-99, Q3-1-100.
- LED Module:** Labeled Q3-1-10, shown at the bottom right.
- LED Strip:** Labeled Q3-1-1, shown at the bottom right.
- LED Driver:** Labeled Q3-1-2, Q3-1-3, Q3-1-4, Q3-1-5, Q3-1-6, Q3-1-7, Q3-1-8, Q3-1-9, Q3-1-11, Q3-1-12, Q3-1-13, Q3-1-14, Q3-1-15, Q3-1-16, Q3-1-17, Q3-1-18, Q3-1-19, Q3-1-20, Q3-1-21, Q3-1-22, Q3-1-23, Q3-1-24, Q3-1-25, Q3-1-26, Q3-1-27, Q3-1-28, Q3-1-29, Q3-1-30, Q3-1-31, Q3-1-32, Q3-1-33, Q3-1-34, Q3-1-35, Q3-1-36, Q3-1-37, Q3-1-38, Q3-1-39, Q3-1-40, Q3-1-41, Q3-1-42, Q3-1-43, Q3-1-44, Q3-1-45, Q3-1-46, Q3-1-47, Q3-1-48, Q3-1-49, Q3-1-50, Q3-1-51, Q3-1-52, Q3-1-53, Q3-1-54, Q3-1-55, Q3-1-56, Q3-1-57, Q3-1-58, Q3-1-59, Q3-1-60, Q3-1-61, Q3-1-62, Q3-1-63, Q3-1-64, Q3-1-65, Q3-1-66, Q3-1-67, Q3-1-68, Q3-1-69, Q3-1-70, Q3-1-71, Q3-1-72, Q3-1-73, Q3-1-74, Q3-1-75, Q3-1-76, Q3-1-77, Q3-1-78, Q3-1-79, Q3-1-80, Q3-1-81, Q3-1-82, Q3-1-83, Q3-1-84, Q3-1-85, Q3-1-86, Q3-1-87, Q3-1-88, Q3-1-89, Q3-1-90, Q3-1-91, Q3-1-92, Q3-1-93, Q3-1-94, Q3-1-95, Q3-1-96, Q3-1-97, Q3-1-98, Q3-1-99, Q3-1-100.

Note

Q3

Q3-2

This exploded view diagram illustrates the components of the Q3-2 car stereo unit. The main unit is shown at the top left, with a mounting bracket (Q3-2-1) and a faceplate (Q3-2-4) attached. Below the main unit, the internal components are shown in an exploded view, including the main circuit board (Q3-2-2), a power filter capacitor (Q3-2-3), a fuse (Q3-2-5), a fuse holder (Q3-2-8), a fuse terminal (Q3-2-7), a fuse terminal (Q3-2-9), and a fuse terminal (Q3-2-6). The components are labeled with their respective part numbers and are shown in their relative positions for assembly.

Note

Q3

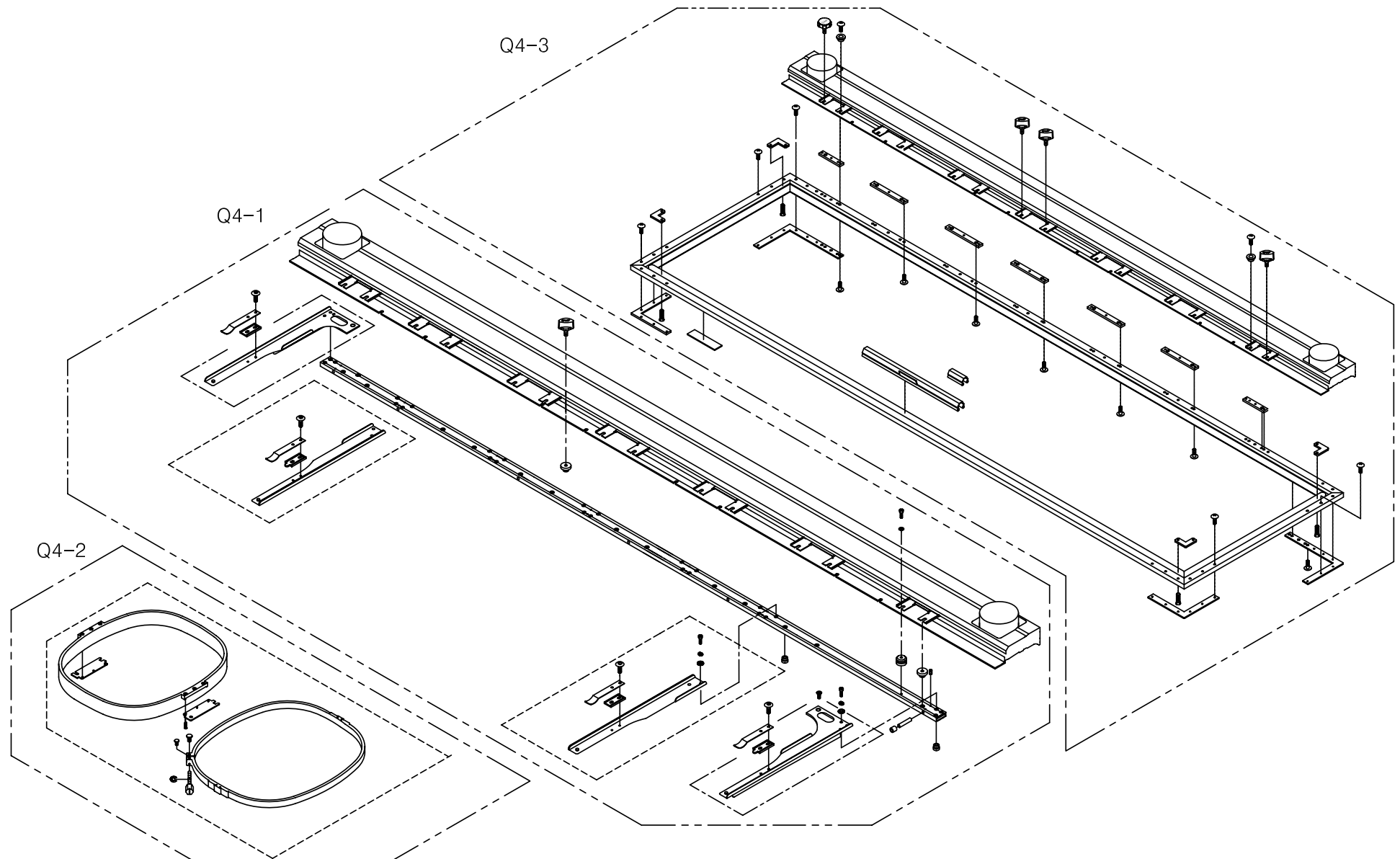
Q3-3

Note

Q4

SWF

FRAME (1506C-45)



Q4-1

The diagram illustrates the assembly of the Q4-1 system, showing the main rail and various mounting brackets and fasteners. The components are labeled as follows:

- Q4-1-1: Main rail assembly
- Q4-1-2: Fastener
- Q4-1-3: Bracket
- Q4-1-4: Fastener
- Q4-1-5: Bracket
- Q4-1-6: Bracket
- Q4-1-7: Fastener
- Q4-1-8: Bracket
- Q4-1-9: Fastener
- Q4-1-10: Fastener
- Q4-1-11: Bracket
- Q4-1-12: Bracket
- Q4-1-13: Fastener
- Q4-1-14: Bracket
- Q4-1-15: Fastener
- Q4-1-16: Bracket
- Q4-1-17: Bracket
- Q4-1-18: Fastener
- Q4-1-19: Fastener
- Q4-1-20: Fastener
- Q4-1-21: Bracket
- Q4-1-22: Bracket
- Q4-1-23: Bracket
- Q4-1-24: Fastener
- Q4-1-25: Fastener
- Q4-1-26: Bracket
- Q4-1-27: Bracket

Note

Q4

Q4-2

This exploded view diagram illustrates the assembly of the Q4-2 carabiner. The components are labeled as follows:

- Q4-2-1**: The main upper frame of the carabiner.
- Q4-2-2**: A rectangular plate that fits into the lower part of the upper frame.
- Q4-2-3**: A small pin or screw used to secure the lower plate.
- Q4-2-4**: A small rectangular component, likely a hinge or connector.
- Q4-2-5**: The main lower frame of the carabiner.
- Q4-2-6**: A small pin or screw used to secure the lower frame.
- Q4-2-7**: A small circular component, possibly a washer or spacer.
- Q4-2-8**: A small circular component, possibly a washer or spacer.
- Q4-2-9**: A small circular component, possibly a washer or spacer.
- Q4-2-10**: A small rectangular component, likely a hinge or connector.
- Q4-2-11**: A small pin or screw used to secure the lower plate.
- Q4-2-12**: A small rectangular component, likely a hinge or connector.
- Q4-2-13**: A small rectangular component, likely a hinge or connector.

Note

[illegible]

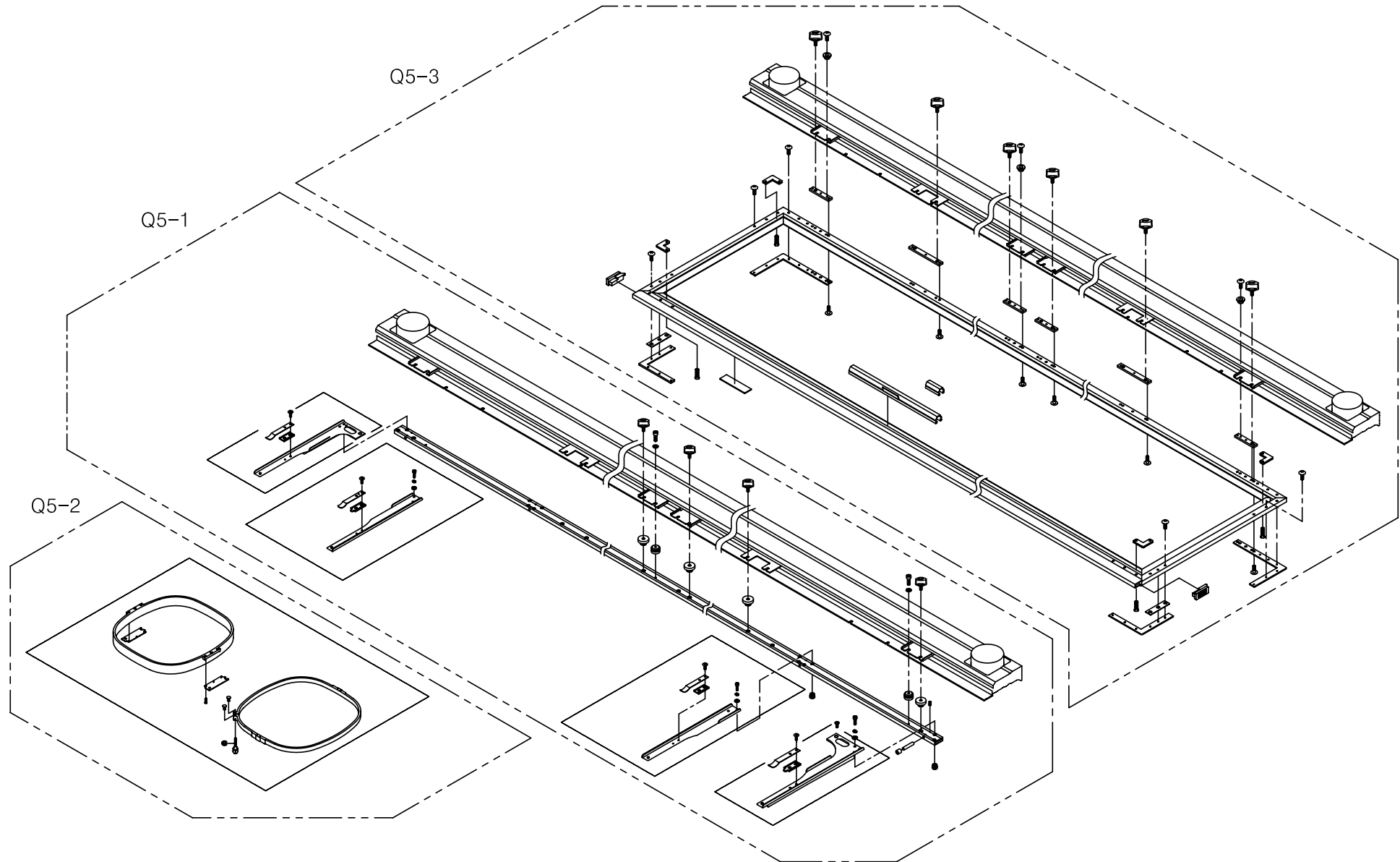
Note

Q4

Q5

SWF

FRAME (1505-45)



Q5-1

This exploded view diagram illustrates the assembly of the Q5-1 sliding door system. The main components shown include:

- Top Rail (Q5-1-1):** The upper track that houses the rollers and guides.
- Bottom Rail (Q5-1-2):** The lower track that houses the rollers and guides.
- Door Panel (Q5-1-3):** The main sliding door.
- Rollers (Q5-1-4, Q5-1-5, Q5-1-6, Q5-1-7, Q5-1-8, Q5-1-9, Q5-1-10, Q5-1-11, Q5-1-12, Q5-1-13, Q5-1-14, Q5-1-15, Q5-1-16, Q5-1-17, Q5-1-18, Q5-1-19, Q5-1-20, Q5-1-21, Q5-1-22, Q5-1-23, Q5-1-24):** Various types of rollers and guides that facilitate smooth movement.
- End Stops (Q5-1-25, Q5-1-26):** Components that prevent the door from moving beyond its intended range.
- Adjusters (Q5-1-27, Q5-1-28):** Components used to fine-tune the door's alignment and balance.

The diagram shows the relative positions and assembly points for these components, ensuring a proper and functional installation.

Note

Q5

Q5-2

The diagram illustrates the assembly of the Q5-2 car stereo unit. It shows the main unit (Q5-2-1) with a faceplate (Q5-2-2) being attached. The faceplate is secured by a screw (Q5-2-3) and a nut (Q5-2-4). The unit is mounted to a bracket (Q5-2-5) using a screw (Q5-2-6) and a nut (Q5-2-7). The bracket is then secured to the car's dashboard using a screw (Q5-2-8) and a nut (Q5-2-9).

Q5-2-1

Q5-2-2

Q5-2-3

Q5-2-4

Q5-2-5

Q5-2-6

Q5-2-7

Q5-2-8

Q5-2-9

Note

Q5-3

This exploded view diagram illustrates the assembly of the Q5-3 ceiling grid. The components are labeled as follows:

- Q5-3-1**: Main longitudinal beam.
- Q5-3-2**: Main transverse beam.
- Q5-3-3**: L-shaped corner connector.
- Q5-3-4**: L-shaped corner connector.
- Q5-3-5**: End cap.
- Q5-3-6**: End cap.
- Q5-3-7**: Small L-shaped connector.
- Q5-3-8**: Small L-shaped connector.
- Q5-3-9**: Small L-shaped connector.
- Q5-3-10**: Small L-shaped connector.
- Q5-3-11**: Small L-shaped connector.
- Q5-3-12**: Small L-shaped connector.
- Q5-3-13**: Small L-shaped connector.
- Q5-3-14**: Small L-shaped connector.
- Q5-3-15**: Small L-shaped connector.
- Q5-3-16**: Small L-shaped connector.
- Q5-3-17**: Small L-shaped connector.
- Q5-3-18**: Small L-shaped connector.
- Q5-3-19**: Small L-shaped connector.
- Q5-3-20**: Small L-shaped connector.
- Q5-3-21**: Small L-shaped connector.
- Q5-3-22**: Small L-shaped connector.
- Q5-3-23**: Small L-shaped connector.

Note

Q5

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