

PARTS BOOK

Multi-Head

E-Series Special Type

AFC

E-WS(X)630-68

PME-110426

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.

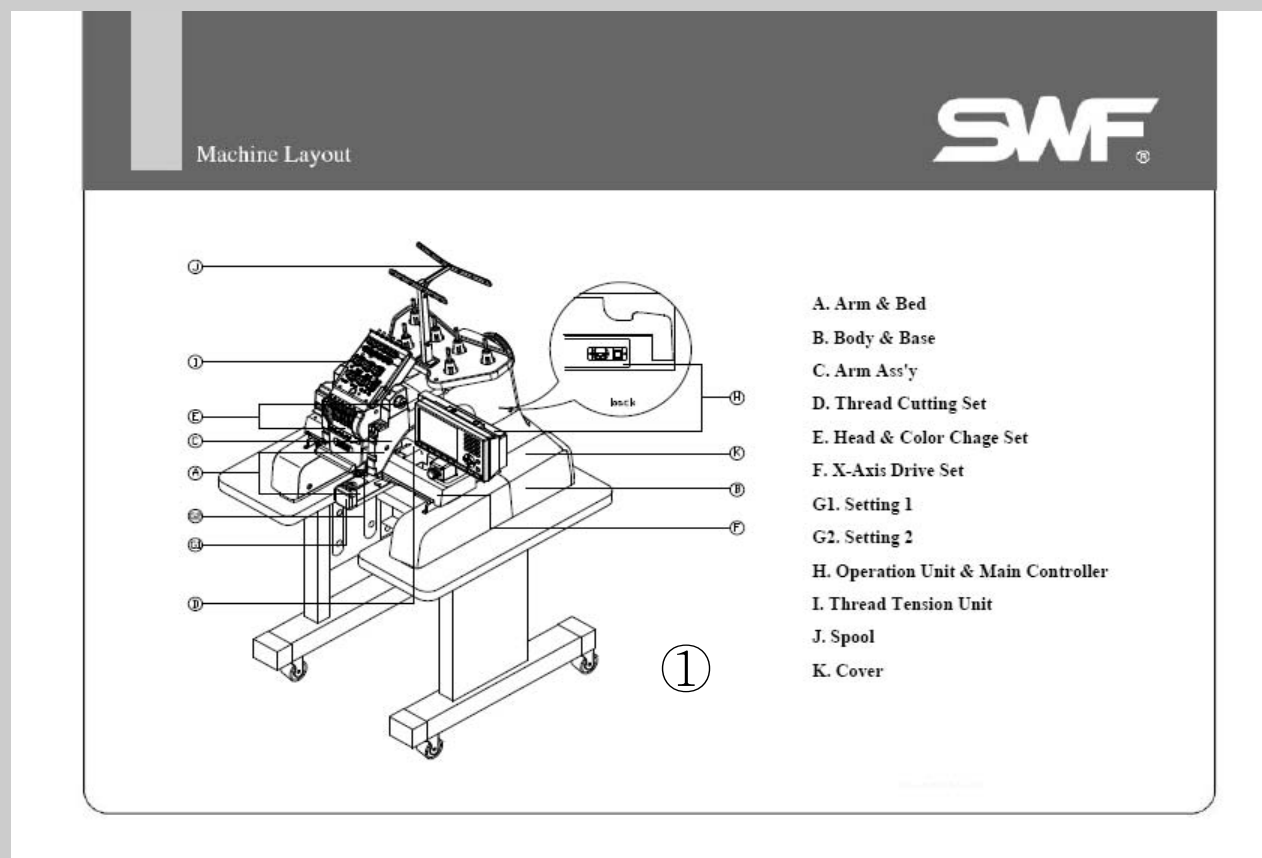
- 1) Machine Layout
- 2) Section
- 3) Part List

※Consumable parts shall not be guaranteed even in warranty period.

Information

A. Structure of Part Book

1. Machine Layout

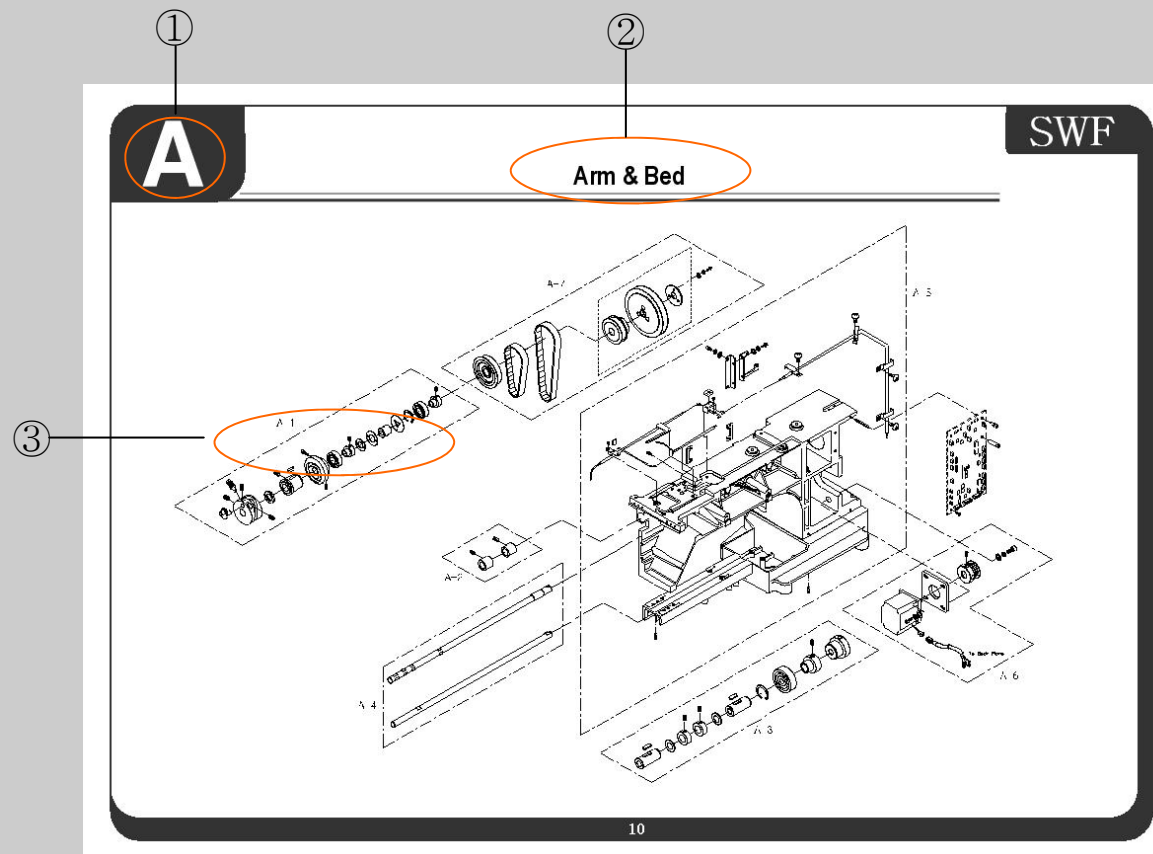


Information

A. Structure of Part Book

2. Section

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



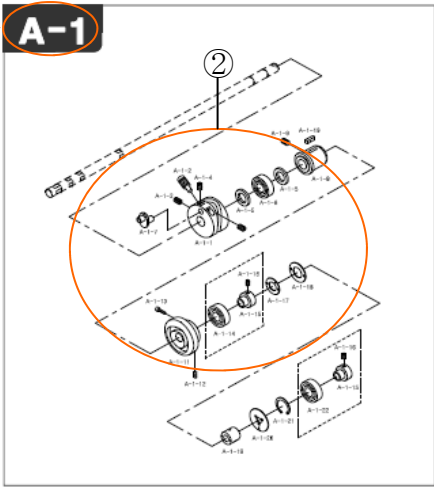
Information

A. Structure of Part Book

3. Part List

①

A-1



Note

②

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 ~ 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 (8/32x20L=17)				1	
A-1-4	0101SCM-T121	Cam Screw (8/32x20L=17)			O	1	
A-1-5	0101SCM-T121	Hex. Socket Set Screw (1/4" 20x40 L=4.5)				1	
A-1-6	0102PWR-A001	Washer				2	
A-1-7	0102PWR-A001	Washer				1	
A-1-8	0102PWR-T900	Needle Bar Crank				1	
A-1-9	0101SCM-T121	Upper Shaft Bushing (H)				1	
A-1-10	0101SCM-T121	Screw (1/2x5/8-28, L=1.4)			O	3	
A-1-11	0101SCM-T121	Felt				1	
A-1-12	0101SCM-T121	Presser Foot Driving Cam				1	
A-1-13	0401ZAP-A001	Screw (1/2x5/8-28)			O	3	
A-1-14	1109BSC-A113	Screw (M4xL20)			O	1	
A-1-15	0102PWR-A001	Washer (600422)				1	
A-1-16	010000000000	Washer Collar				2	
A-1-17	0401ZAP-A001	Screw (1/2x5/8-28)			O	3	
A-1-18	WS-00018R-00	Washer				1	
A-1-19	CL-000097-00	Code Wheel				1	
A-1-20	CL-000097-00	Collar				1	
A-1-21	0101SCM-T121	Residual Piece				1	
A-1-22	0101SCM-T121	C-Roller (H477)			O	1	
A-1-23	0101SCM-T121	Washer (600422)			O	1	

Note) * : Checks the timing of application.

⑪

① Index Number
Ex) A-1, A-2...

② Parts 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.

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 Drive System

E. Main Drive System

F. Head

G. Thread Tension Unit

H. X-Y Axis Drive System

I. Setting

J. Thread Stand

K. Work Table

L. Cable

M. Con box & OP box

N. Lamp & Switch

O. Bobin Winder

P. Cover

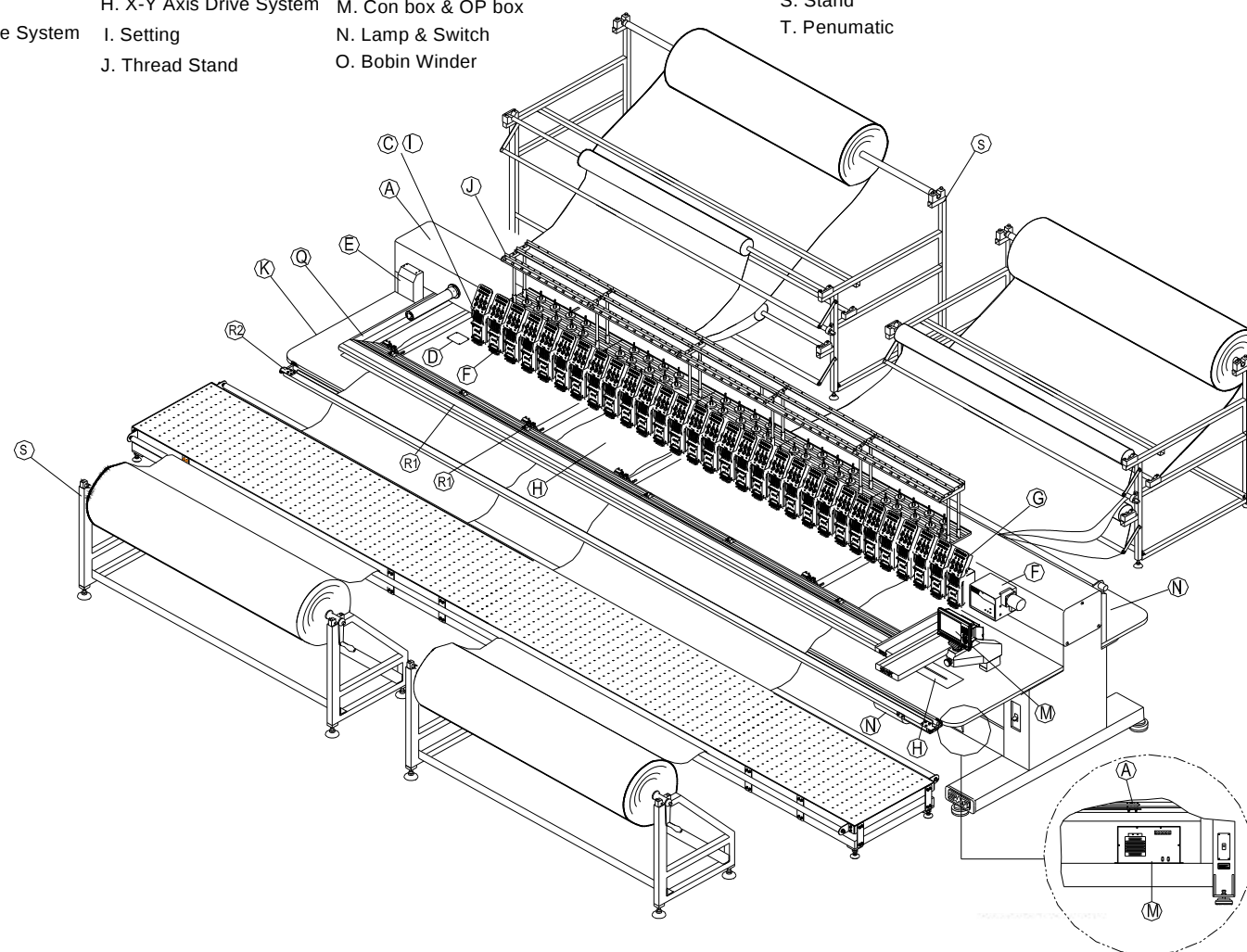
Q. Embroidery Frame

R1. X-Y Clamp

R2. Front-Rear Clamp

S. Stand

T. Penumatic



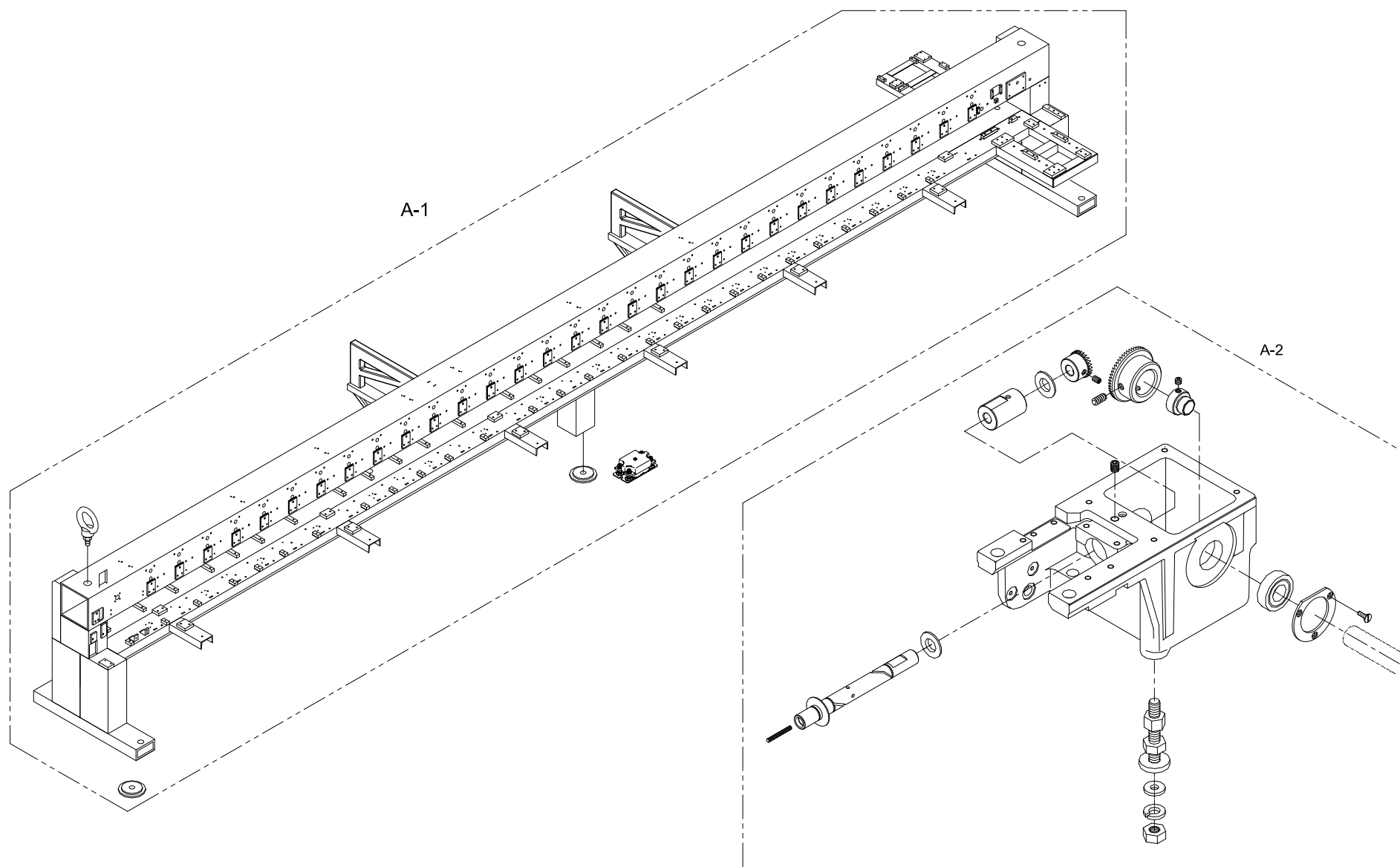


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Beam Body & Bed



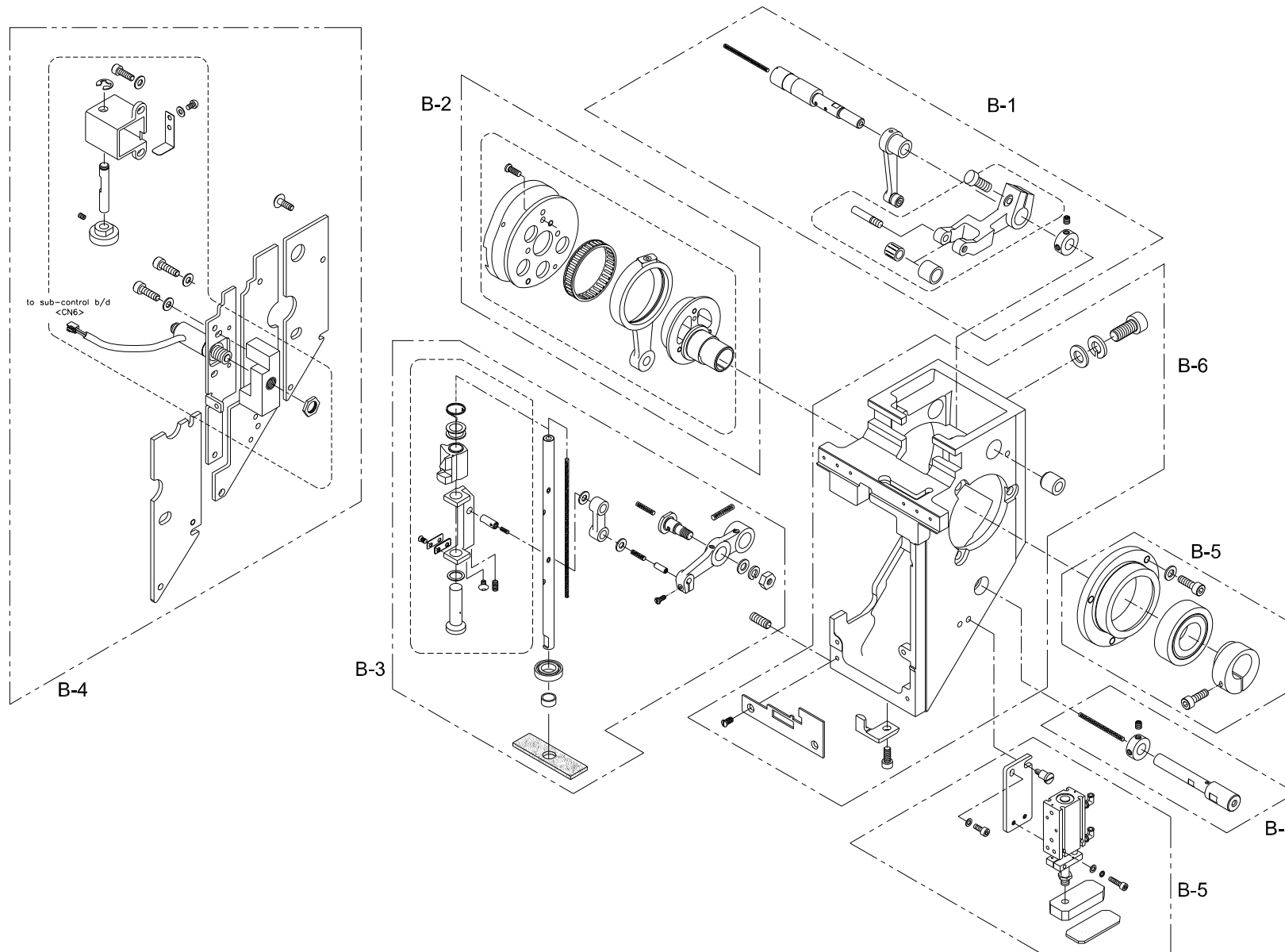
A

11

A

[illegible]

Arm 1



B-1

Exploded view diagram of a mechanical assembly, labeled B-1. The diagram shows various components and their assembly sequence. The main assembly is shown in a dashed outline. Components are labeled with part numbers:

- B-1-1: Main shaft assembly
- B-1-2: Bolt
- B-1-3: Nut
- B-1-4: Flange
- B-1-5: Washer
- B-1-6: Housing
- B-1-7: Bracket
- B-1-8: Bolt
- B-1-9: Nut
- B-1-10: Bolt
- B-1-11: Bolt
- B-1-12: Bolt
- B-1-13: Nut
- B-1-14: Flange
- B-1-15: Bolt
- B-1-16: Bolt
- B-1-17: Bolt

Note

B

B-2

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

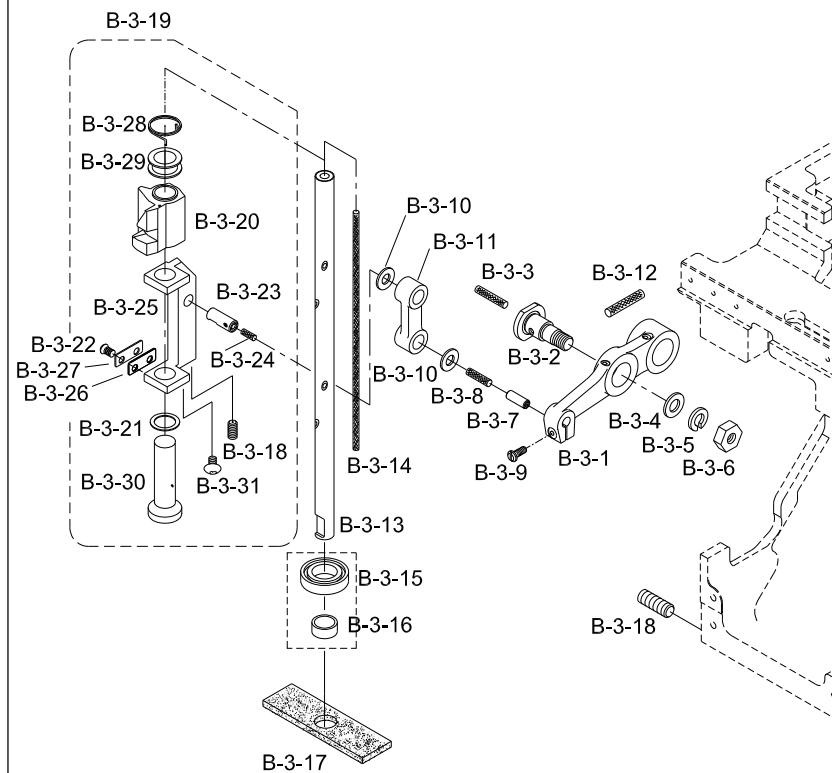
- B-2-1**: The main rectangular housing or frame.
- B-2-2**: A cylindrical component with a flange, positioned to be inserted into the housing.
- B-2-3**: A small, circular, ring-like component.
- B-2-4**: A larger, circular, ring-like component.
- B-2-5**: A circular plate with multiple holes, positioned to be inserted into the housing.
- B-2-6**: A small screw or fastener used to secure the plate.
- B-2-7**: A small, circular, ring-like component.

The diagram shows the components in their relative positions, indicating how they fit together to form the complete assembly.

Note

B

B-3



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
B-3-1	GP-020913-00	Needle Bar Drive Lever	Aug.26.06	X		30	
	GP-020913-01	Needle Bar Drive Lever	Nov.14.06	△		30	
B-3-2	03023SC-A001	Connecting Rod Stud				30	
B-3-3	-	Wick				30	
B-3-4	03025SW-1211	Washer (@6)			○	30	
B-3-5	03026SW-9115	Spring Washer (@6)			○	30	
B-3-6	03027SN-A001	Stud Nut				30	
B-3-7	03303300H000	Lever Pin				30	
B-3-8	-	Wick				30	
B-3-9	02015SC-7113	Driving Lever Pin Screw				30	
B-3-10	03034SW-A001	Reciprocator Washer				60	
B-3-11	03003200A000	Needle Bar Drive Rink				30	
B-3-12	-	Wick				30	
B-3-13	GP-013117-00	Needle Bar Driving Shaft	Nov.07.05	X		30	
B-3-14	-	Wick				30	
B-3-15	03008000H000	Ball Bearing 689 (Ntn)			○	30	
B-3-16	03008100K000	Needle Bar Drive Bearing Bush				30	
B-3-17	03053SF-A001	Felt "B"				30	
B-3-18	03020SC-A001	Drive Pin Screw 11/64,N40,L8				60	
B-3-19	AS-004809-00	Needle Bar Reciprocator Set	Jun,08,06 ~	X		30	
	AS-004809-01		Nov,14,06 ~	△			
	AS-004809-02		Aug,22,08 ~	△			
B-3-20	GP-013756-00	Needle Bar Reciprocator	Dec.14.05	X		30	
B-3-21	03048SW-A001	Reciprocator Washer				30	
B-3-22	03040SC-A001	Stopper Bracket Screw				60	
B-3-23	03033CW-A001	Driver Pin				30	
B-3-24	-	Wick				30	
B-3-25	GP-013762-00	Needle Driving Shaft Driver	Dec.14.05	X		30	
	GP-013762-01	Needle Driving Shaft Driver	Jul.25.08	△		30	
	GP-013762-02	Needle Driving Shaft Driver	Dec.03.08	△		30	
	GP-013762-03	Needle Driving Shaft Driver	Feb.20.09	△		30	
B-3-26	03041PR-B001	Reciprocator Stopper				30	
B-3-27	03039PR-B001	Stopper Bracket				30	
B-3-28	03045SP-B001	Jump Spring				30	
B-3-29	03046CW-B001	Jump Spring Guide				30	
B-3-30	GP-013587-00	Needle Bar Driving Shaft Bush	Dec.05.05	X		30	
	GP-013587-01	Needle Bar Driving Shaft Bush	Feb.20.09	△		30	
B-3-31	03006MC-3123	Truss Screw (M3*L6)			○	30	

B-5

This exploded view diagram illustrates the assembly of the B-5 component. The main assembly is shown on the left, with a dashed box highlighting the internal components. The components are labeled as follows:

- B-5-1: A large circular flange or ring.
- B-5-2: A smaller circular flange or ring.
- B-5-3: A small screw or bolt.
- B-5-4: A small screw or bolt.
- B-5-5: A circular component, possibly a gasket or seal.
- B-5-6: A small screw or bolt.
- B-5-7: A rectangular component, possibly a bracket or plate.
- B-5-8: A small screw or bolt.
- B-5-9: A small screw or bolt.
- B-5-10: A small screw or bolt.
- B-5-11: A small screw or bolt.
- B-5-12: A small screw or bolt.
- B-5-13: A small screw or bolt.
- B-5-14: A small screw or bolt.
- B-5-15: A rectangular component, possibly a bracket or plate.
- B-5-16: A rectangular component, possibly a bracket or plate.

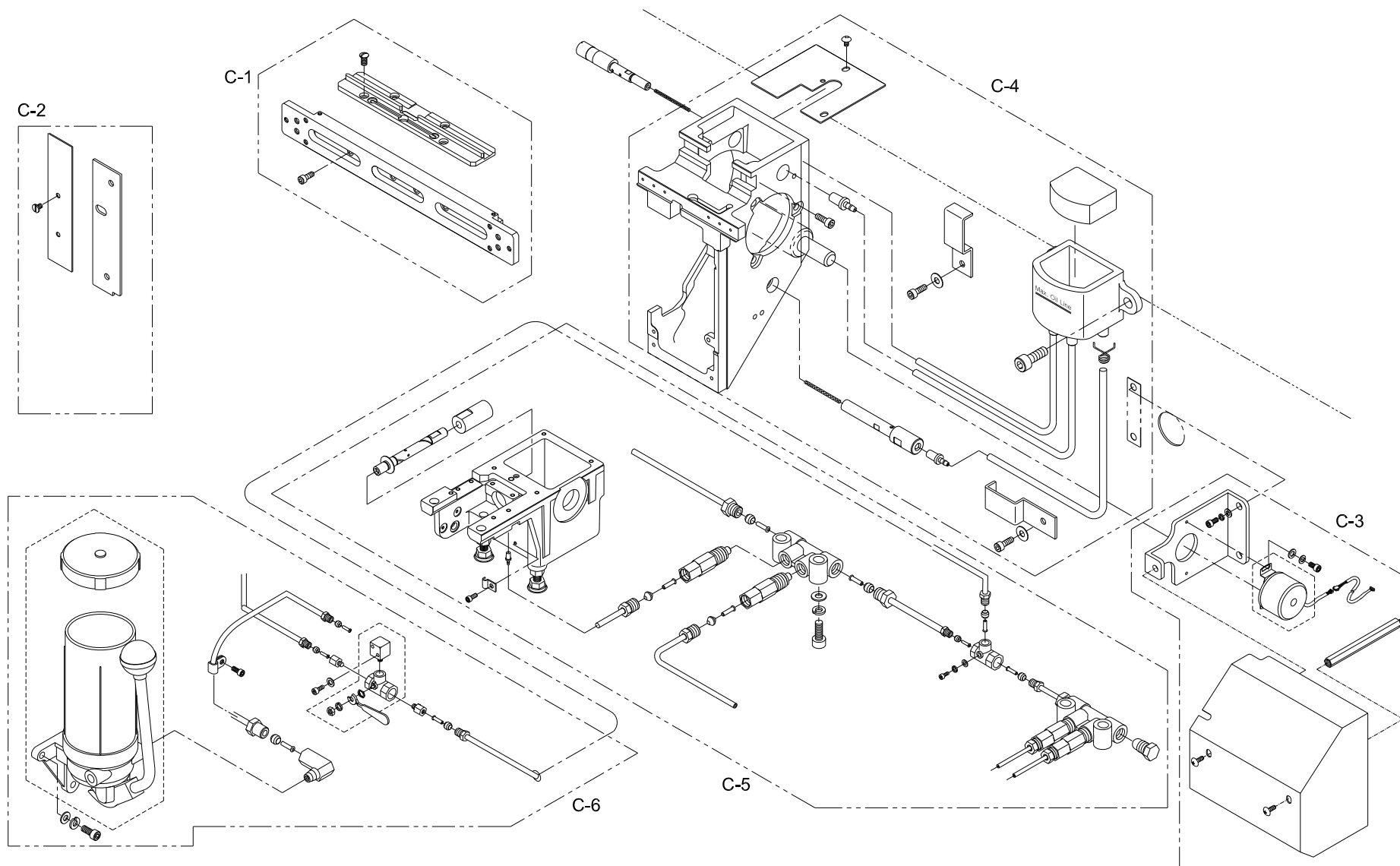
Note

B

Note	
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B

Arm 2



C-1

Diagram illustrating the assembly components and their installation:

- C-1-1**: Main base plate.
- C-1-2**: Screws used to secure the base plate.
- C-1-3**: Intermediate mounting rail.
- C-1-4**: Screws used to secure the intermediate rail.
- C-1-5**: Top plate.
- C-1-6**: Screws used to secure the top plate.

Note

[illegible]

C-2

The diagram illustrates the assembly of the C-2 component. It shows three separate parts: C-2-1, a small screw; C-2-2, a vertical plate with three mounting holes; and C-2-3, another vertical plate with two mounting holes. These parts are shown in an exploded view relative to the main unit, which is a complex, multi-faceted structure with various internal components and mounting points. Dashed lines indicate the alignment and intended position of the parts as they are assembled onto the main unit.

Note

[illegible]

C-3

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

- C-3-1**: A cylindrical component, likely a motor or actuator, with a cable attached.
- C-3-2**: A small screw or fastener.
- C-3-3**: A small screw or fastener.
- C-3-4**: A small screw or fastener.
- C-3-5**: A bracket or mounting plate with a circular cutout.
- C-3-6**: A small screw or fastener.
- C-3-7**: A small screw or fastener.
- C-3-8**: A small screw or fastener.
- C-3-9**: A cable or wire.
- C-3-10**: A large, angled rectangular component, possibly a housing or base.
- C-3-11**: A long, thin cylindrical component, likely a light tube or sensor.
- C-3-12**: A small screw or fastener.

The diagram shows the assembly sequence: C-3-1 is mounted to C-3-5 using C-3-2, C-3-3, and C-3-4. C-3-5 is then mounted to C-3-10 using C-3-6, C-3-7, and C-3-8. C-3-9 is connected to C-3-1. Finally, C-3-11 is inserted into C-3-10, and C-3-12 is used to secure the front panel of C-3-10.

Note

C

Note

[illegible]

This diagram illustrates the exploded view of the C-5000 Series Fuel System Assembly. The components are labeled with callouts indicating their assembly sequence:

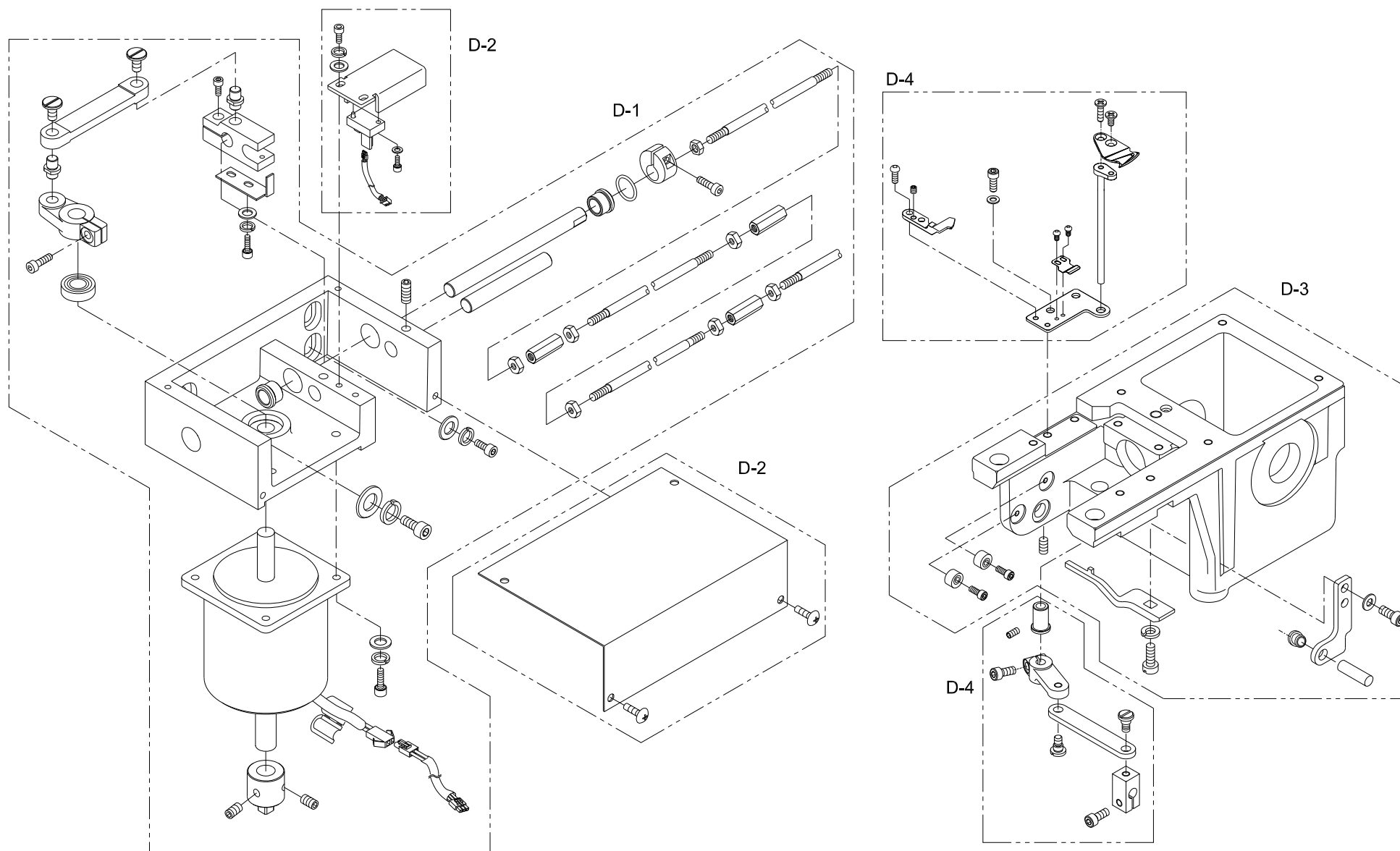
- C-5-26**: Fuel Injector
- C-5-1**: Fuel Injector O-Ring
- C-5-2**: Fuel Injector Mounting Bracket
- C-5-3**: Fuel Injector Mounting Bracket O-Ring
- C-5-4**: Fuel Injector Mounting Bracket Nut
- C-5-5**: Fuel Injector Mounting Bracket Washer
- C-5-6**: Fuel Injector Mounting Bracket Seal
- C-5-7**: Fuel Injector Mounting Bracket Seal Washer
- C-5-8**: Fuel Injector Mounting Bracket Seal Nut
- C-5-9**: Fuel Injector Mounting Bracket Seal Washer
- C-5-10**: Fuel Injector Mounting Bracket Seal Nut
- C-5-11**: Fuel Injector Mounting Bracket Seal Washer
- C-5-12**: Fuel Injector Mounting Bracket Seal Nut
- C-5-13**: Fuel Injector Mounting Bracket Seal Washer
- C-5-14**: Fuel Injector Mounting Bracket Seal Nut
- C-5-15**: Fuel Injector Mounting Bracket Seal Washer
- C-5-16**: Fuel Injector Mounting Bracket Seal Nut
- C-5-17**: Fuel Injector Mounting Bracket Seal Washer
- C-5-18**: Fuel Injector Mounting Bracket Seal Nut
- C-5-19**: Fuel Injector Mounting Bracket Seal Washer
- C-5-20**: Fuel Injector Mounting Bracket Seal Nut
- C-5-21**: Fuel Injector Mounting Bracket Seal Washer
- C-5-22**: Fuel Injector Mounting Bracket Seal Nut
- C-5-23**: Fuel Injector Mounting Bracket Seal Washer
- C-5-24**: Fuel Injector Mounting Bracket Seal Nut
- C-5-25**: Fuel Injector Mounting Bracket Seal Washer



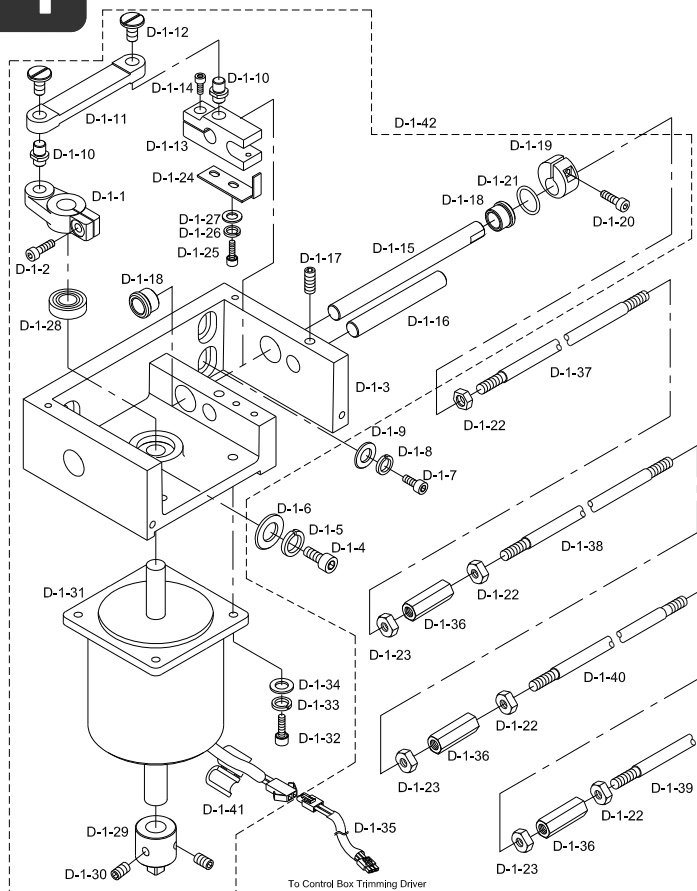
Note

C

Thread Cutting Set



D-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
D-1-1	04001100BT00	MES DRIVING CRANK				1	
D-1-2	14002SC-7113	Hex.Socket Bolt (M6*L15)			○	1	
D-1-3	03700100BT00	MES CAM DRIVING BOX				1	
D-1-4	14003SC-4113	Hex. Socket Bolt (M8*L25)			○	1	
D-1-5	15095SW-3115	Spring Washer (@8)			○	1	
D-1-6	04029SW-A001	Stud Bolt Washer (@8)			○	1	
D-1-7	06025MC-7113	Hex. Socket Bolt (M6*L25)			○	2	
D-1-8	03026SW-9115	Spring Washer (@6)			○	2	
D-1-9	03025SW-1211	Washer (@6)			○	2	
D-1-10	03700300H000	Mes Link Pin				2	
D-1-11	03700400H000	Mes Driving Link				1	
D-1-12	03700500H000	Mes Driving Link Screw				2	
D-1-13	03700600H000	Mes Shaft Driving Clamp				1	
D-1-14	08062SC-7113	Hex. Socket Bolt (M5*L20)			○	1	
D-1-15	03700700H000	Mes Driving Shaft (@10*L121)				1	
D-1-16	03700800H000	Mes Driving Shaft Guide				1	
D-1-17	14060AF-4517	Hex.Socket Screw(M6*L6)			○	1	
D-1-18	03701100H000	Mes Driving Shaft Bush				2	
D-1-19	08065CW-A001	Stopper Collar				1	
D-1-20	18047SC-7113	Hex. Socket Bolt (M5*L15)			○	1	
D-1-21	08067RB-A001	O-Ring (@10)			○	1	
D-1-22	13042SN-1111	Hex. Nut (M6*T5-R)			○	4	
D-1-23	17053SN-1111	Hex. Nut (M6*T5-L)			○	3	
D-1-24	GP-015265-00	Limit Sensor Plate	Feb.15.06	X		1	
	GP-015265-01	Limit Sensor Plate	May.12.06	△		1	
D-1-25	07035SC-7113	BRACKET SCREW (M3*L6)			○	2	
D-1-26	11019SW-9115	Spring Washer (@3)			○	2	
D-1-27	06011SW-2111	Washer (@3)			○	2	
D-1-28	03701000H000	Ball Bearing (6001Z)			○	1	
D-1-29	03701200BT00	MOTOR DRIVING NOB				1	
D-1-30	14060AF-4517	Hex.Socket Screw(M6*L6)			○	2	
D-1-31	16059MT-E131	Y MOTOR (103H8222-5212)				1	
D-1-32	18047SC-7113	Hex. Socket Bolt (M5*L15)			○	4	
D-1-33	18048SW-3115	SPRING WASHER (5@)			○	4	
D-1-34	18049SW-3111	WASHER (@5)			○	4	
D-1-35	CA-000334-00	STEP MOTOR DRIVE POWER	Jul.16.05	X		1	
	CA-000334-01	STEP MOTOR DRIVE POWER	Nov.17.05	△		1	

D-1

Diagram illustrating the assembly of a control box, showing various components and their assembly sequence:

- Components shown include: D-1-1, D-1-2, D-1-3, D-1-4, D-1-5, D-1-6, D-1-7, D-1-8, D-1-9, D-1-10, D-1-11, D-1-12, D-1-13, D-1-14, D-1-15, D-1-16, D-1-17, D-1-18, D-1-19, D-1-20, D-1-21, D-1-22, D-1-23, D-1-24, D-1-25, D-1-26, D-1-27, D-1-28, D-1-29, D-1-30, D-1-31, D-1-32, D-1-33, D-1-34, D-1-35, D-1-36, D-1-37, D-1-38, D-1-39, D-1-40, D-1-41, and D-1-42.
- The diagram shows the assembly of the control box, including the mounting bracket, the control box itself, and the various fasteners and connectors.
- A dashed line indicates the assembly path, showing the sequence of components to be installed.
- A note at the bottom right indicates the connection to the **Control Box Trimming Driver**.

Note

D

D-2

The diagram illustrates the assembly of the D-2 component. The main assembly sequence is as follows:

- Install D-2-1 (Bracket) onto the main unit using D-2-2 (Screw).
- Install D-2-3 (Bracket) onto the main unit using D-2-4 (Screw).
- Install D-2-5 (Bracket) onto the main unit using D-2-6 (Screw).
- Install D-2-7 (Bracket) onto the main unit using D-2-8 (Screw).
- Install D-2-10 (Cable) onto the main unit using D-2-9 (Screw).
- Install D-2-1 (Bracket) onto the main unit using D-2-2 (Screw).
- Install D-2-3 (Bracket) onto the main unit using D-2-4 (Screw).
- Install D-2-5 (Bracket) onto the main unit using D-2-6 (Screw).
- Install D-2-7 (Bracket) onto the main unit using D-2-8 (Screw).
- Install D-2-10 (Cable) onto the main unit using D-2-9 (Screw).

Additional components shown include D-2-1 (Bracket), D-2-2 (Screw), D-2-3 (Bracket), D-2-4 (Screw), D-2-5 (Bracket), D-2-6 (Screw), D-2-7 (Bracket), D-2-8 (Screw), D-2-9 (Screw), and D-2-10 (Cable).

Labels in the diagram include: D-2-1, D-2-2, D-2-3, D-2-4, D-2-5, D-2-6, D-2-7, D-2-8, D-2-9, D-2-10, and CN7(To Joint Board).

Note



This diagram illustrates the exploded view of a mechanical assembly. The main component is a rectangular frame with a central vertical support and a horizontal crossbar. The assembly includes the following parts:

- D-3-1:** A bracket or plate that fits onto the side of the main frame.
- D-3-2:** A long threaded rod or bolt that passes through the bracket (D-3-1) and the main frame.
- D-3-3:** A washer or spacer that fits between the bracket (D-3-1) and the main frame.
- D-3-4:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-5:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-6:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-7:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-8:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-9:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.
- D-3-10:** A small cylindrical component, possibly a pin or a small bush, located near the bottom of the main frame.

Note

D

D-4

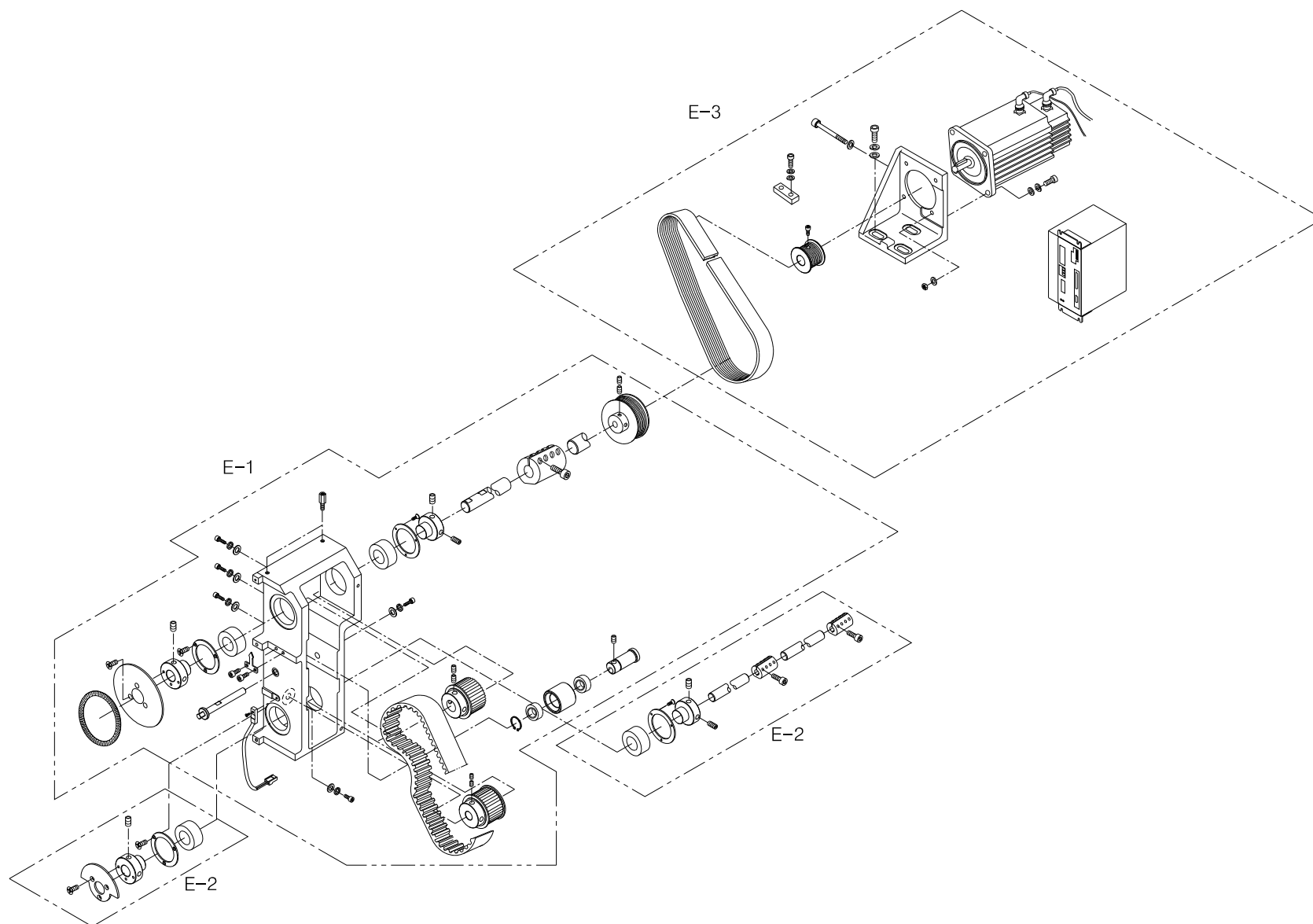
This diagram illustrates the assembly of the D-4 engine. The main engine block is shown in a dashed outline. Various components are labeled with part numbers and arrows indicating their assembly sequence:

- D-4-1**: Main engine block.
- D-4-2**: Bolt for the main block.
- D-4-3**: Washer for the main block.
- D-4-4**: Bracket for the main block.
- D-4-5**: Bolt for the bracket.
- D-4-6**: Nut for the bracket.
- D-4-7**: Bolt for the bracket.
- D-4-8**: Washer for the bracket.
- D-4-9**: Long bolt for the bracket.
- D-4-10**: Bracket for the long bolt.
- D-4-11**: Bolt for the bracket.
- D-4-12**: Nut for the bracket.
- D-4-13**: Bolt for the main block.
- D-4-14**: Washer for the main block.
- D-4-15**: Bolt for the main block.
- D-4-16**: Nut for the main block.
- D-4-17**: Bolt for the main block.
- D-4-18**: Washer for the main block.
- D-4-19**: Bolt for the main block.
- D-4-20**: Nut for the main block.
- D-4-21**: Bolt for the main block.

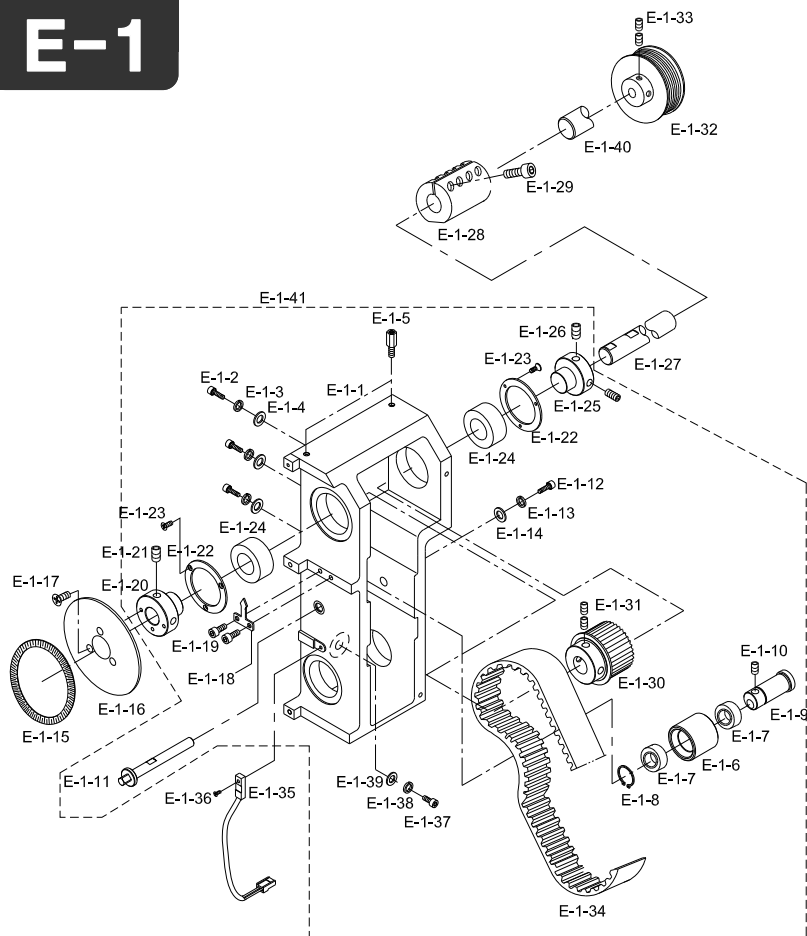
Note

D

Main Drive System



E-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
E-1-1	GP-020802-00	MAIN DRIVING PULLEY BOX	Aug.23.06	X		1	
	GP-020802-01	MAIN DRIVING PULLEY BOX	Sep.13.06	△		1	
	GP-020802-02	MAIN DRIVING PULLEY BOX	Mar.12.08	△		1	
	GP-020802-03	MAIN DRIVING PULLEY BOX	May.15.08	△		1	
E-1-2	03003SC-4113	Pulley Box Screw [M8×L35]			○	1	
E-1-3	15095SW-3115	Pulley Box Spring Washer [Ø8]			○	1	
E-1-4	04029SW-A001	Pulley Box Washer [Ø8]			○	1	
E-1-5	GP-010263-00	Pulley Box Cover Stud	Jun.28.05	X		2	
E-1-6	03200400I000	ROLLER BEARING				2	
E-1-7	03200300I000	Tension Adjusting Roller				1	
E-1-8	03200700I000	C-Ring (#20)			○	1	
E-1-9	03200600I000	Idler Bush				1	
E-1-10	04004MC-4517	Hex.Socket Bolt (M4×L4)			○	1	
E-1-11	03200500I000	Idler Shaft				1	
E-1-12	14006SC-7113	Hex.Socket Bolt (M8×L10)			○	1	
E-1-13	04029SW-A001	Washer (Ø8)			○	1	
E-1-14	15095SW-3115	Spring Washer (Ø8)			○	1	
E-1-15	03005600H000	ANGLE DISK				1	
E-1-16	03005710H000	Angle Plate Base @20			○	1	
E-1-17	21002SC-8119	Plus Screw (M3-L8)			○	3	
E-1-18	03005800H000	Indicator				1	
E-1-19	02023SC-7113	Hex.Socket Bolt (M4×L8)			○	1	
E-1-20	03201100I000	Bearing Cover "B" @20				1	
E-1-21	14060AF-4517	Hex.Socket Screw(M6×L6)			○	1	
E-1-22	12101000I000	Bearing Cover (A)				1	
E-1-23	08006SC-8118	Hex.Socket Screw (M3xL5)			○	1	
E-1-24	01001100H000	Ball Bearing (6005Zz)			○	4	
E-1-25	03005210H000	Collar "A"				1	
E-1-26	14060AF-4517	Hex.Socket Screw(M6×L6)			○	4	
E-1-27	GP-006655-00	Top Shaft "A" [225mm]	Dec.29.04	X		1	
E-1-28	GP-037209-00	COUPLING @20	Feb,25,08 ~	X		4	
	GP-037209-01		Dec,23,08 ~	△			
E-1-29	08091SC-7113	Hex.Socket Bolt (M6×L20)			○	16	
E-1-30	GP-014274-00	Pulley for Upper Shaft Ass'y	Jan.04.06	X		1	
	GP-014274-01	Pulley for Upper Shaft Ass'y	Dec.23.08	△		1	
E-1-31	14061AF-4517	Hex.Socket Screw(M8×L8)			○	1	
E-1-32	GP-021251-00	Top Shaft Drive Pulley	Sep.05.06	X		1	
E-1-33	03016SC-4113	Hex.Socket Screw(M5×L15)			○	4	

E-1

This diagram illustrates the exploded view of the E-1 engine assembly. The main engine block (E-1-1) is the central component, surrounded by various sub-assemblies and individual parts. Key components include:

- Top Assembly:** E-1-28 (Cylinder Head), E-1-29 (Piston), E-1-30 (Crankshaft), E-1-31 (Flywheel), E-1-32 (Timing Belt), E-1-33 (Timing Belt Tensioner), E-1-34 (Timing Belt Guide).
- Valve Train:** E-1-2 (Intake Valve), E-1-3 (Intake Valve Spring), E-1-4 (Intake Valve Spring Retainer), E-1-5 (Intake Valve Spring Retainer Bolt), E-1-6 (Exhaust Valve), E-1-7 (Exhaust Valve Spring), E-1-8 (Exhaust Valve Spring Retainer), E-1-9 (Exhaust Valve Spring Retainer Bolt).
- Timing Mechanism:** E-1-10 (Timing Belt Tensioner), E-1-11 (Timing Belt Tensioner Bolt), E-1-12 (Timing Belt Tensioner Spring), E-1-13 (Timing Belt Tensioner Spring Retainer), E-1-14 (Timing Belt Tensioner Spring Retainer Bolt), E-1-15 (Timing Belt Tensioner Spring Retainer Bolt).
- Other Components:** E-1-16 (Timing Belt Tensioner Spring Retainer Bolt), E-1-17 (Timing Belt Tensioner Spring Retainer Bolt), E-1-18 (Timing Belt Tensioner Spring Retainer Bolt), E-1-19 (Timing Belt Tensioner Spring Retainer Bolt), E-1-20 (Timing Belt Tensioner Spring Retainer Bolt), E-1-21 (Timing Belt Tensioner Spring Retainer Bolt), E-1-22 (Timing Belt Tensioner Spring Retainer Bolt), E-1-23 (Timing Belt Tensioner Spring Retainer Bolt), E-1-24 (Timing Belt Tensioner Spring Retainer Bolt), E-1-25 (Timing Belt Tensioner Spring Retainer Bolt), E-1-26 (Timing Belt Tensioner Spring Retainer Bolt), E-1-27 (Timing Belt Tensioner Spring Retainer Bolt), E-1-35 (Timing Belt Tensioner Spring Retainer Bolt), E-1-36 (Timing Belt Tensioner Spring Retainer Bolt), E-1-37 (Timing Belt Tensioner Spring Retainer Bolt), E-1-38 (Timing Belt Tensioner Spring Retainer Bolt), E-1-39 (Timing Belt Tensioner Spring Retainer Bolt).

[illegible]

E-2

This exploded view diagram illustrates the assembly of the E-2 engine. The main components are shown in their relative positions, with dashed lines indicating the assembly path. The components are labeled as follows:

- E-1-41**: Main engine block.
- E-2-1**: Flywheel.
- E-2-2**: Flywheel nut.
- E-2-3**: Flywheel washer.
- E-2-4**: Flywheel bolt.
- E-2-5**: Flywheel seal.
- E-2-6**: Flywheel seal washer.
- E-2-7**: Flywheel seal nut.
- E-2-8**: Flywheel seal cap.
- E-2-9**: Flywheel seal cap nut.
- E-2-10**: Flywheel seal cap washer.
- E-2-11**: Flywheel seal cap bolt.
- E-2-12**: Flywheel seal cap nut.
- E-2-13**: Flywheel seal cap washer.
- E-2-14**: Flywheel seal cap nut.
- E-2-15**: Flywheel seal cap washer.
- E-2-16**: Main engine block.
- E-2-17**: Main engine block nut.
- E-2-18**: Main engine block washer.
- E-2-19**: Main engine block bolt.

Note

[illegible]

E-3

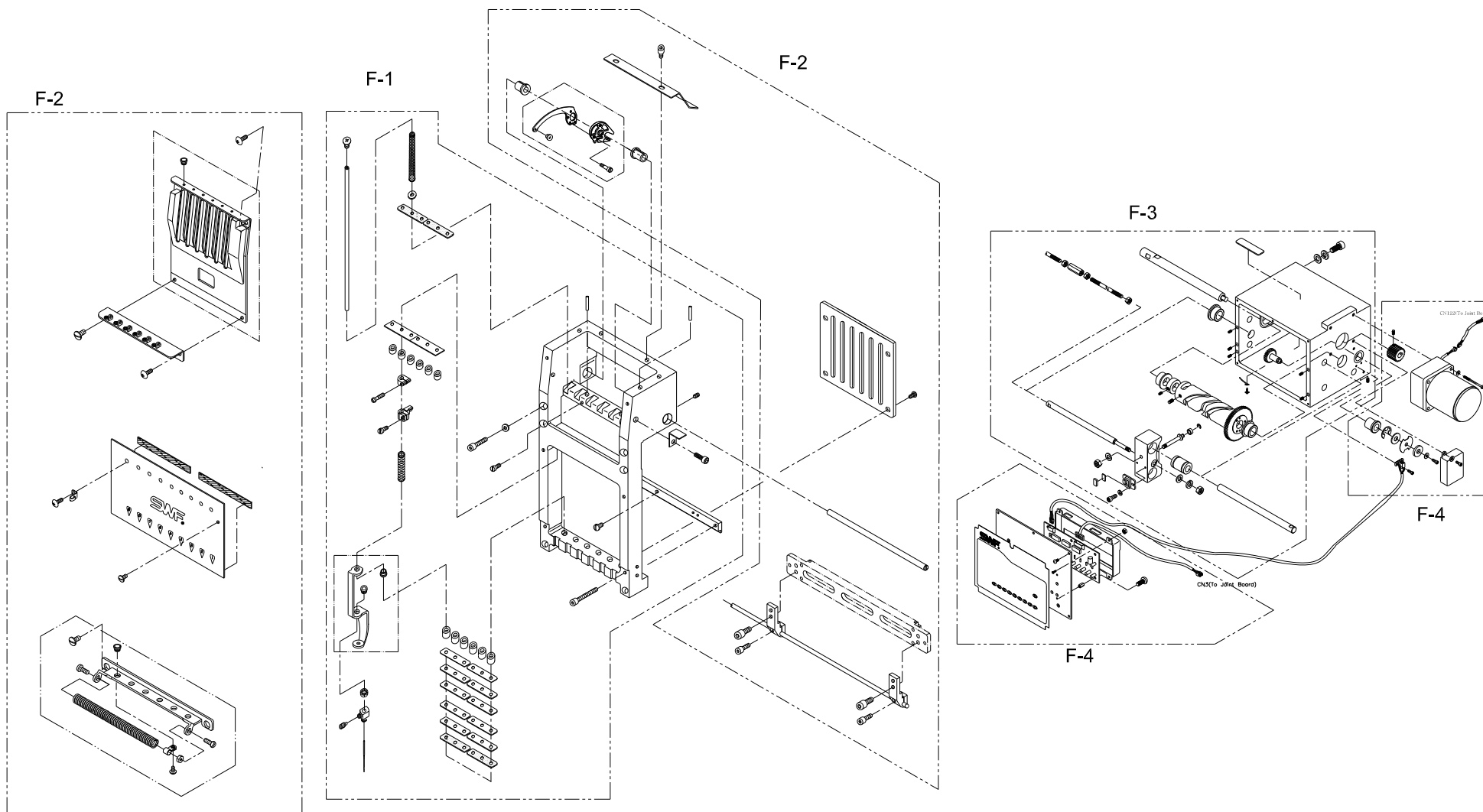
This exploded view diagram illustrates the assembly of a power supply unit. The components are labeled as follows:

- E-3-1**: Main power supply unit with cooling fins and input/output terminals.
- E-3-2**: Small screw for mounting the terminal block.
- E-3-3**: Terminal block for connecting wires.
- E-3-4**: Two screws for mounting the terminal block.
- E-3-5**: Small screw for mounting the terminal block.
- E-3-6**: Mounting bracket for the power supply unit.
- E-3-7**: Small screw for mounting the bracket.
- E-3-8**: Small washer or spacer.
- E-3-9**: Small screw for mounting the bracket.
- E-3-10**: Long screw for mounting the bracket.
- E-3-11**: Small screw for mounting the bracket.
- E-3-12**: Small rectangular plate or spacer.
- E-3-13**: Small screw for mounting the plate.
- E-3-14**: Small screw for mounting the plate.
- E-3-15**: Small screw for mounting the plate.
- E-3-16**: Final assembled power supply unit.
- E-3-17**: Small screw for mounting the terminal block.
- E-3-18**: Small screw for mounting the terminal block.
- E-3-19**: Large, flexible, multi-strapped component, likely a fan or filter.

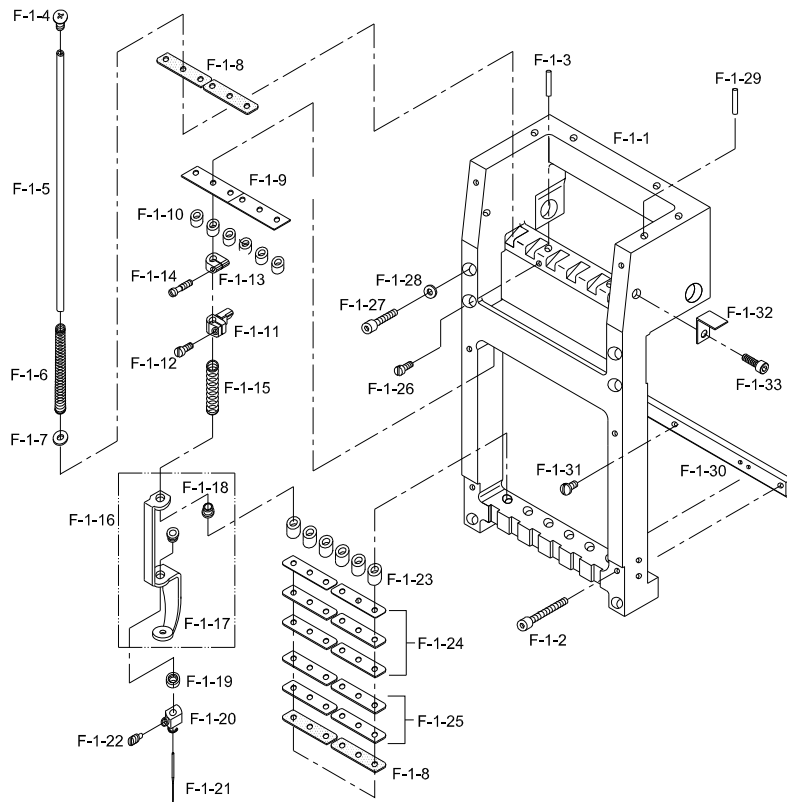
Note



Head & Color Change



F-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
F-1-1	GP-014935-00	Head	Feb.01.06	X		30	
	GP-014935-01	Head	Nov.14.06	△		30	
	GP-014935-02	Head	Mar.26.07	△		30	
	GP-014935-03	Head	Nov.02.07	△		30	
	GP-014935-04	Head	Sep.11.08	△		30	
	GP-014935-05	Head	Nov.03.08	△		30	
F-1-2	05014SC-7113	Hex. Socket Bolt (M4*L25)			○	60	
F-1-3	05015CW-A001	Head Base Pin(@5*L15)			○	30	
F-1-4	05019SC-A001	Needle Bar Cover Screw (M5*L6)			○	270	
F-1-5	GP-011929-00	Needle Bar	Sep.14.05	X		270	
F-1-6	GP-007216-00	Needle Bar Return Spring	Jan.21.05	X		270	
	GP-007216-01	Needle Bar Return Spring	Sep.02.05	△		270	
F-1-7	05022SW-A001	Spring Shoe Washer				270	
F-1-8	05021SF-A001	Felt				180	
F-1-9	05023RB-A001	Needle Bar Cushion Rubber "A"				90	
F-1-10	05024RB-A001	Needle Bar Cushion Rubber "B"				270	
F-1-11	05027FU-A001	Needle Bar Holder				270	
F-1-12	05028SC-4113	Holder Screw (9/64-L8)				270	
F-1-13	11101200T000	Upper Dead Point Stopper				270	
F-1-14	05026SC-4113	Stopper Screw (9/64-11.5)				270	
F-1-15	GP-020915-00	Presser Foot Pressure Spring	Aug.26.06	X		270	
	GP-020915-01	Presser Foot Pressure Spring	May.03.07	△		270	
F-1-16	AS-006751-00	Presser Foot Set	May.04.07	X		270	
F-1-17	GP-029864-00	Presser Foot	May.02.07	X		270	
F-1-18	05031AF-A001	Presser Foot Guide Bush				480	
F-1-19	05035RB-A001	Presser Foot Cushion Rubber"A				270	
F-1-20	05036AF-A001	Needle Fixed Holder				270	
F-1-21	05037DB-A001	Needle (Db-K5, #11)			○	270	
F-1-22	05363SC-A001	Needle Fixed Screw (A/S)				270	
F-1-23	05032RB-A001	Presser Foot Cushion Rubber"B				270	
F-1-24	05033RB-A001	Presser Foot Adjusting Rubber				270	
F-1-25	05034RB-A001	Presser Foot Adjusting Rubber				180	
F-1-26	03022SC-4517	Hex. Socket Set Screw(M4*L5)			○	30	
F-1-27	05008SC-4113	Hex.Socket Bolt (M4*L16)			○	60	
F-1-28	06003SW-2111	Washer (@4)			○	120	
F-1-29	01303700H000	Tension Plate Pin				60	
F-1-30	GP-014928-00	Head Rail (6c)	Feb.01.06	X		30	

F-1

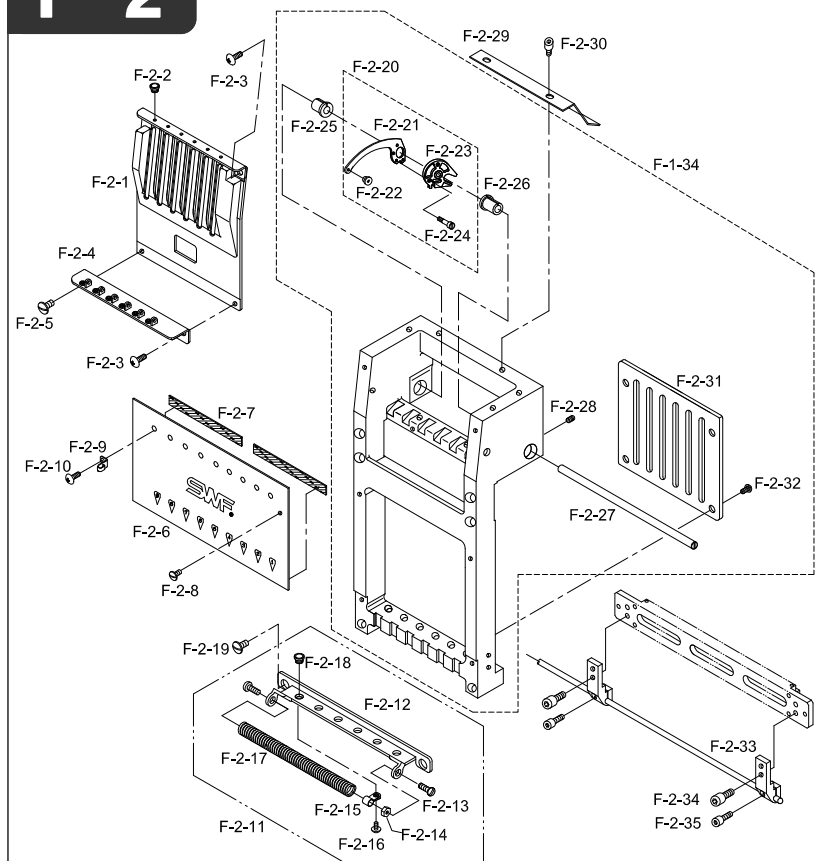
This exploded view diagram illustrates the assembly of the F-1 unit. The components are labeled as follows:

- F-1-1**: Main vertical frame structure.
- F-1-2**: A long threaded rod passing through the bottom of the frame.
- F-1-3**: A vertical pin or rod at the top of the frame.
- F-1-4**: A small circular component at the top left.
- F-1-5**: A long vertical rod with a textured section in the middle.
- F-1-6**: A small circular component below the textured section of F-1-5.
- F-1-7**: A small circular component at the bottom left.
- F-1-8**: Two horizontal plates, one near the top and one near the bottom.
- F-1-9**: A horizontal plate in the middle section.
- F-1-10**: A small circular component.
- F-1-11**: A small circular component.
- F-1-12**: A small circular component.
- F-1-13**: A small circular component.
- F-1-14**: A small circular component.
- F-1-15**: A coiled spring.
- F-1-16**: A vertical rod passing through the bottom of the frame.
- F-1-17**: A vertical rod passing through the bottom of the frame.
- F-1-18**: A small circular component.
- F-1-19**: A small circular component.
- F-1-20**: A small circular component.
- F-1-21**: A small circular component.
- F-1-22**: A small circular component.
- F-1-23**: A small circular component.
- F-1-24**: A small circular component.
- F-1-25**: A small circular component.
- F-1-26**: A small circular component.
- F-1-27**: A small circular component.
- F-1-28**: A small circular component.
- F-1-29**: A small circular component.
- F-1-30**: A small circular component.
- F-1-31**: A small circular component.
- F-1-32**: A small circular component.
- F-1-33**: A small circular component.

Note

[illegible]

F-2



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
F-2-1	10200102H000	Head Face Plate (U)				30	
F-2-2	GP-029521-00	Eyelet "A"	Apr.27.07	X		180	
F-2-3	05070SC-3123	Head Face Plate (U) Screw				60	
F-2-4	AS-000483-00	THREAD GUIDE (M) SET	Jun.23.04	X		30	
	AS-000483-01	THREAD GUIDE (M) SET	May.10.07	△		30	
	AS-000483-02	THREAD GUIDE (M) SET	Jun.18.07	△		30	
	AS-000483-03	THREAD GUIDE (M) SET	Dec.11.08	△		30	
	AS-000483-04	THREAD GUIDE (M) SET	Jan.30.09	△		30	
	AS-000483-05	THREAD GUIDE (M) SET	Feb.17.09	△		30	
	AS-000483-06	THREAD GUIDE (M) SET	Jan.26.10	△		30	
	AS-000483-07	THREAD GUIDE (M) SET	Aug.13.10	△		30	
F-2-5	05062SC-A001	Thread Guide (L) Screw				30	
F-2-6	GP-014769-00	Head Face Plate (L)	Jan.23.06	X		30	
	GP-014769-01	Head Face Plate (L)	Apr.06.06	△		30	
	GP-014769-02	Head Face Plate (L)	Jun.12.06	△		30	
	GP-014769-03	Head Face Plate (L)	Jun.11.08	△		30	
	GP-014769-04	Head Face Plate (L)	Apr.06.09	△		30	
F-2-7	05063RB-A001	Magnetic Rubber "B"	Nov.07.06	X		60	
F-2-8	05070SC-3123	Thread Guide (L) Screw	Jul.20.05	X		30	
F-2-9	11012PR-B001	Thread Guide				270	
F-2-10	09005SC-3123	Hex.Socket Bolt (M4*L10)			○	270	
F-2-11	AS-005680-00	Thread Guide (L) Set				30	
F-2-12	GP-010763-00	Thread Guide (L) 6C				30	
F-2-13	096440C-8119	Spring Adjusting Screw				60	
F-2-14	096440N-3211	Spring Adjusting Nut (9/64,N40)				60	
F-2-15	10400304B000	Spring Holder				30	
F-2-16	05060SC-8118	Screw (M3*L3)			○	30	
F-2-17	GP-010771-00	Thread Hook Spring (6C)				30	
F-2-18	GP-029521-00	Eyelet "A"				180	
F-2-19	05070SC-3123	Thread Guide (L) Screw				60	
F-2-20	07005BM-T121	Take-Up Lever Set				270	
F-2-21	05033PR-T121	Take-Up Lever				270	
F-2-22	07102CM-A001	Eyelet "C"				270	
F-2-23	05035PM-T121	Take-Up Lever Boss				270	
F-2-24	07003SC-A001	Take-Up Lever Screw				480	
F-2-25	08203000A000	Take-Up Lever Shaft Bush (L)				30	
F-2-26	08200800A000	Take-Up Lever Shaft Bush (R)				30	
F-2-27	08200602A000	Take-Up Lever Shaft (6C)				30	
F-2-28	07009SC-4517	Hex.Socket Set Screw (M5*L6)				30	

F-2

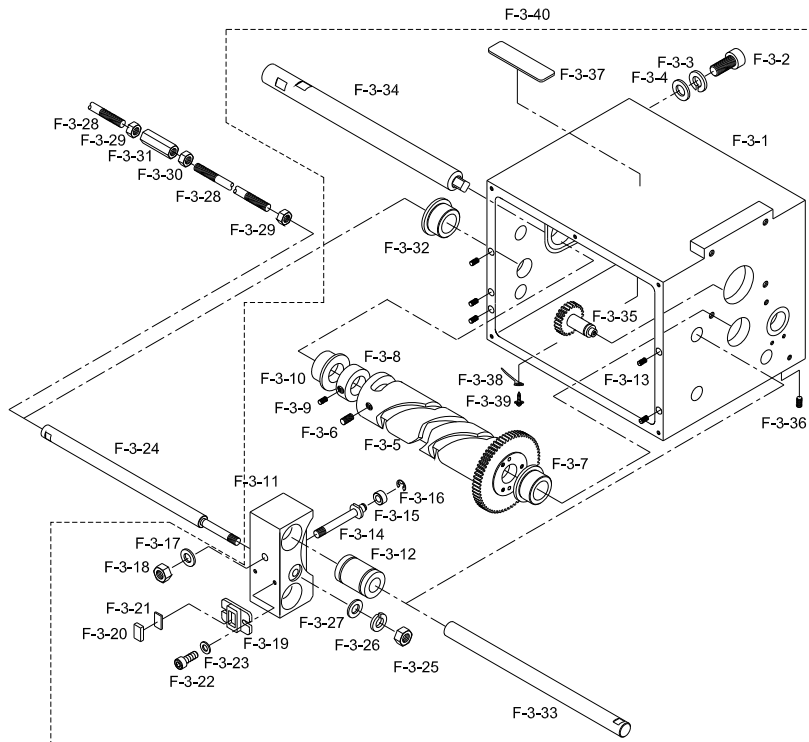
This exploded view diagram illustrates the assembly of the F-2 control panel. The main components shown include:

- Control Panel (F-1-34):** The central unit with a handle and internal wiring.
- Top Panel (F-2-1):** A panel with vertical slots, secured by screws F-2-2 and F-2-3.
- Bottom Panel (F-2-4):** A panel with a row of screws F-2-5.
- Front Panel (F-2-6):** A panel with a "SWF" label and indicator lights, secured by screws F-2-8 and F-2-9.
- Right Panel (F-2-31):** A panel with vertical slots, secured by screw F-2-32.
- Internal Components:** Includes a spring (F-2-17), a bracket (F-2-12), and various screws (F-2-11, F-2-13, F-2-14, F-2-15, F-2-16, F-2-18, F-2-19, F-2-20, F-2-21, F-2-22, F-2-23, F-2-24, F-2-25, F-2-26, F-2-27, F-2-28, F-2-29, F-2-30, F-2-33, F-2-34, F-2-35).

Note

[illegible]

F-3



Note

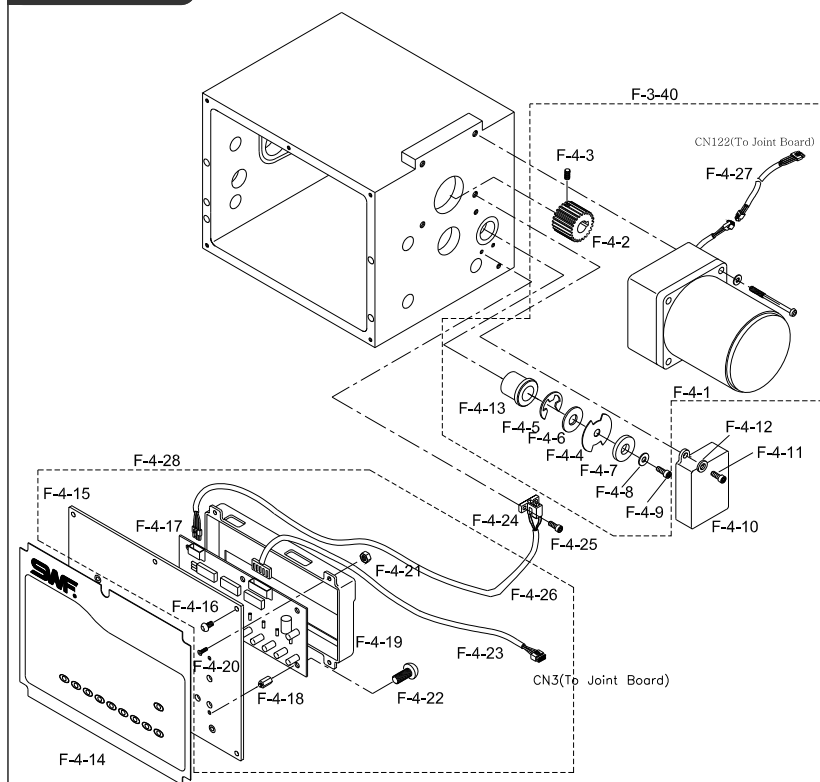
Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
F-3-1	GP-020677-00	Color Change Box 6,9C	Aug.21.06	X		1	
	GP-020677-01	Color Change Box 6,9C	Sep.18.08	△		1	
	GP-020677-02	Color Change Box 6,9C	Mar.24.09	△		1	
F-3-2	03003SC-4113	Hex. Socket Bolt "B" (M8*L35)			○	4	
F-3-3	15095SW-3115	Spring Washer (@8)			○	4	
F-3-4	04029SW-A001	Stud Bolt Washer (@8)			○	4	
F-3-5	AS-001377-00	Color Change Cam Ass'Y	Oct.21.04	X		1	
	AS-001377-01	Color Change Cam Ass'Y	Sep.23.08	△		1	
	AS-001377-02	Color Change Cam Ass'Y	Dec.18.08	△		1	
F-3-6	14060AF-4517	HEX.SOCKET SCREW(M6*L6)			○	4	
F-3-7	13008GA-A001	Color Change Cam Gear				1	
F-3-8	13012CW-A001	Cam Collar				1	
F-3-9	04016AF-A001	Cam Collar Screw				2	
F-3-10	08101100B000	Cam Bushing				2	
F-3-11	13034AD-A001	Color Change Block				1	
F-3-12	13035BR-A001	Guide Bushing				2	
F-3-13	03020SC-A001	Drive Pin Screw (11/64,N40,L8)				5	
F-3-14	13040CW-A001	Roller Shaft				1	
F-3-15	13043CW-A001	Roller				1	
F-3-16	13044SR-4013	E-Ring (@4)			○	1	
F-3-17	08057SW-1111	Washer (@6)			○	1	
F-3-18	13042SN-1111	Hex. Nut (M6*T5-R)			○	1	
F-3-19	13036PR-A001	Magnet Holder				1	
F-3-20	10-027C-SC53	Magnet				1	
F-3-21	08106200B000	Magnet Holder Spacer				1	
F-3-22	22006SC-7113	HEX. SOCKET BOLT (M3*L8)			○	2	
F-3-23	06011SW-2111	Washer (@3)			○	2	
F-3-24	17055SH-A005	COLOR CHANGE SHAFT "A"				1	
	17054SH-AB00	COLOR CHANGE SHAFT "A"				1	
F-3-25	13042SN-1111	Hex. Nut (M6*T5-R)				1	
F-3-26	03026SW-9115	Spring Washer (@6)			○	1	
F-3-27	03025SW-1211	Washer (@6)			○	1	
F-3-28	GP-004633-00	COLOR CHANGE SHAFT "B"(L1938.5)	Sep.08.04	X		1	
	GP-004634-00	COLOR CHANGE SHAFT "C" (L=1192)	Sep.08.04	X		1	
	17067SH-AE00	COLOR CHANGE SHAFT "B" (L=1192)				1	
	GP-004635-00	COLOR CHANGE SHAFT "D"(L=1889.5)	Sep.08.04	X		1	
F-3-29	13042SN-1111	Hex. Nut (M6*T5-R)			○	3	

This exploded view diagram illustrates the assembly of a mechanical unit, likely a pump or motor component. The main housing (F-3-1) is shown with various ports and mounting points. Key sub-assemblies include a central shaft with a gear (F-3-5, F-3-7, F-3-8) and a bearing (F-3-32), and a side bracket (F-3-11) with multiple fasteners (F-3-12, F-3-13, F-3-14, F-3-15, F-3-16, F-3-17, F-3-18, F-3-19, F-3-20, F-3-21, F-3-22, F-3-23, F-3-24, F-3-25, F-3-26, F-3-27, F-3-28, F-3-29, F-3-30, F-3-31, F-3-33, F-3-34, F-3-35, F-3-36, F-3-37, F-3-38, F-3-39). The diagram uses dashed lines to show the alignment and assembly sequence of the components.

Note

[illegible]

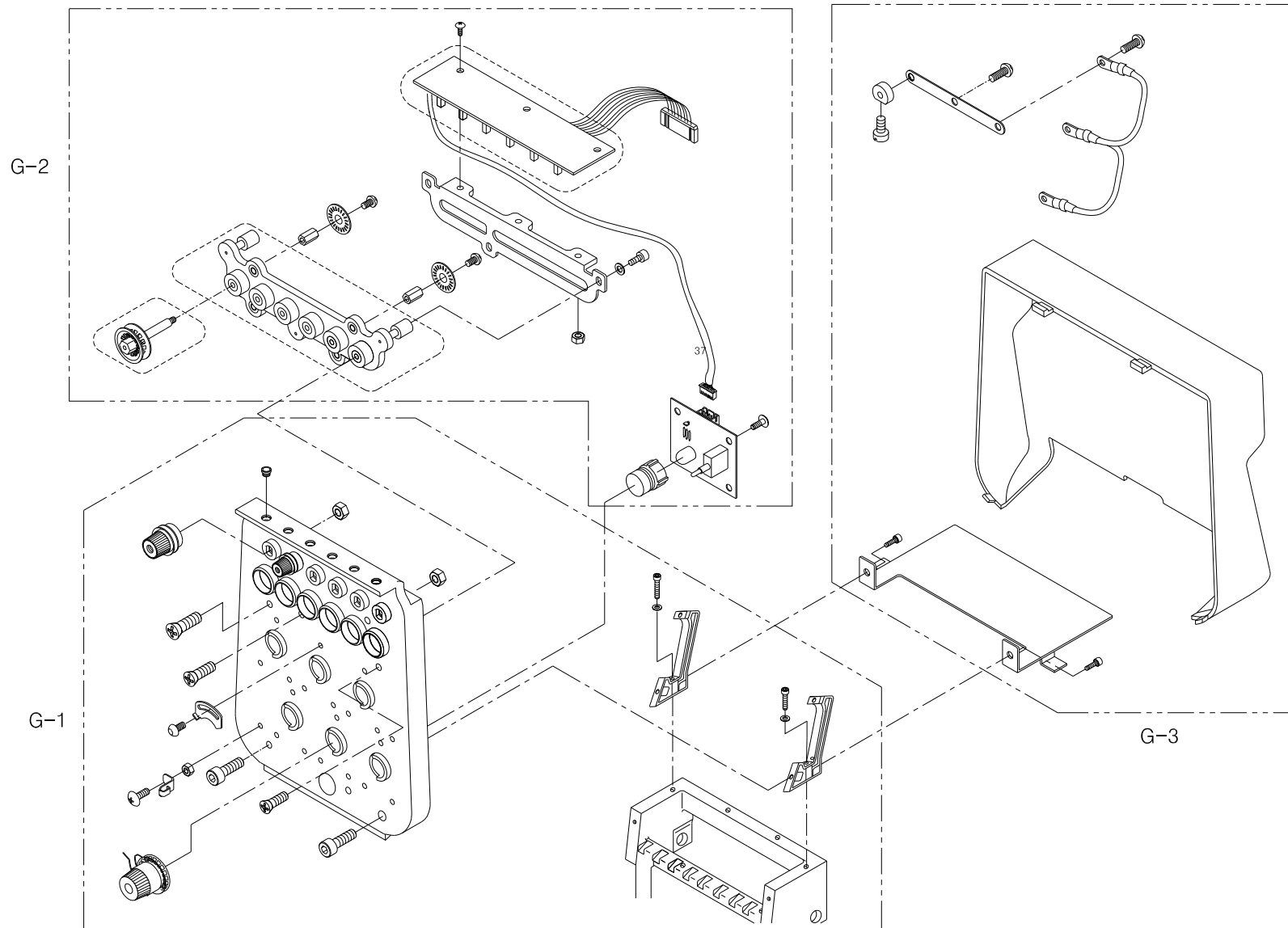
F-4



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
F-4-1	13028MT-A001	Color Change Motor Unit				1	
F-4-2	08102900B000	Motor Gear				1	
F-4-3	13030SC-4517	Hex. Socket Set Screw (M4*L8)			○	1	
F-4-4	GP-005248-00	Half Turn Film	Oct.21.04	X		1	
	GP-005248-01	Half Turn Film	Dec.18.08	△		1	
F-4-5	08044SR-4013	E-Ring (@8)			○	1	
F-4-6	13018PR-A001	Half Turn Film Washer "A" (T2.3)				1	
F-4-7	13019PR-A001	Half Turn Film Washer "B" (T1)				1	
F-4-8	18015SW-3111	WASHER (4@)			○	1	
F-4-9	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			○	1	
F-4-10	13025PM-A001	Sensor Cover				1	
F-4-11	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			○	2	
F-4-12	18015SW-3111	Washer (4@-S)			○	2	
F-4-13	08101500B000	Half Turn Bushing				2	
F-4-14	GP-029899-00	Membrane Switch	May.03.07	X		1	
F-4-15	13053PR-A005	Membrane Switch Cover 6,9C				1	
F-4-16	03006MC-9123	TRUSS SCREW(M3*L6) SUS				5	
F-4-17	07-001A-SW60	Color Change Board 6C				1	
	02-001A-UI12	Color Change Board 9C				1	
F-4-18	GP-008534-00	Stud Bolt	Apr.08.05	X		6	
F-4-19	13060ET-A005	Board Cover 6,9C				1	
	02-001A-UI12	Color Change Board (9C)				1	
F-4-20	13061SC-8119	Plus Screw (M3*L10)			○	4	
F-4-21	05057SN-3211	Hex. Nut (M3)			○	4	
F-4-22	06010SC-8118	Plus Screw (M3*L4)			○	6	
F-4-23	CA-000411-00	Needle Position To Joint B/D	Aug.13.05	X		1	
	CA-000411-01	Needle Position To Joint B/D	Feb.08.06	△		1	
F-4-24	13023EL-A001	Half Turn Sensor				1	
F-4-25	15163SC-3123	Truss Screw (M3*L12)			○	2	
F-4-26	MH-20	Half Turn Sensor Cable				1	
F-4-27	CA-000328-00	Color Change Motor To Joint Board	Jul.16.05	X		1	
	CA-000328-01	Color Change Motor To Joint Board	Nov.17.05	△		1	
F-4-28	AS-000867-00	Color Change Box Cover Assy	Aug,16,04 ~	X		1	
	AS-000867-01		May,01,08 ~	△			

Thread Tension Unit



Note

[illegible]

G-2

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

- G-2-1:** A circular component with a central pin, shown separately on the left.
- G-2-2:** A large rectangular base plate with multiple circular openings.
- G-2-3:** Two small cylindrical pins.
- G-2-4:** Two small circular washers.
- G-2-5:** Two small cylindrical pins.
- G-2-6:** A small cylindrical pin.
- G-2-7:** A small cylindrical pin.
- G-2-8:** A small cylindrical pin.
- G-2-9:** A long, narrow rectangular plate with multiple mounting points.
- G-2-10:** A small cylindrical pin.
- G-2-11:** A cable with a multi-pin connector.
- G-2-12:** A cable with a multi-pin connector.
- G-2-13:** A small cylindrical pin.
- G-2-14:** A small rectangular plate with a central pin.
- G-2-15:** A small cylindrical pin.

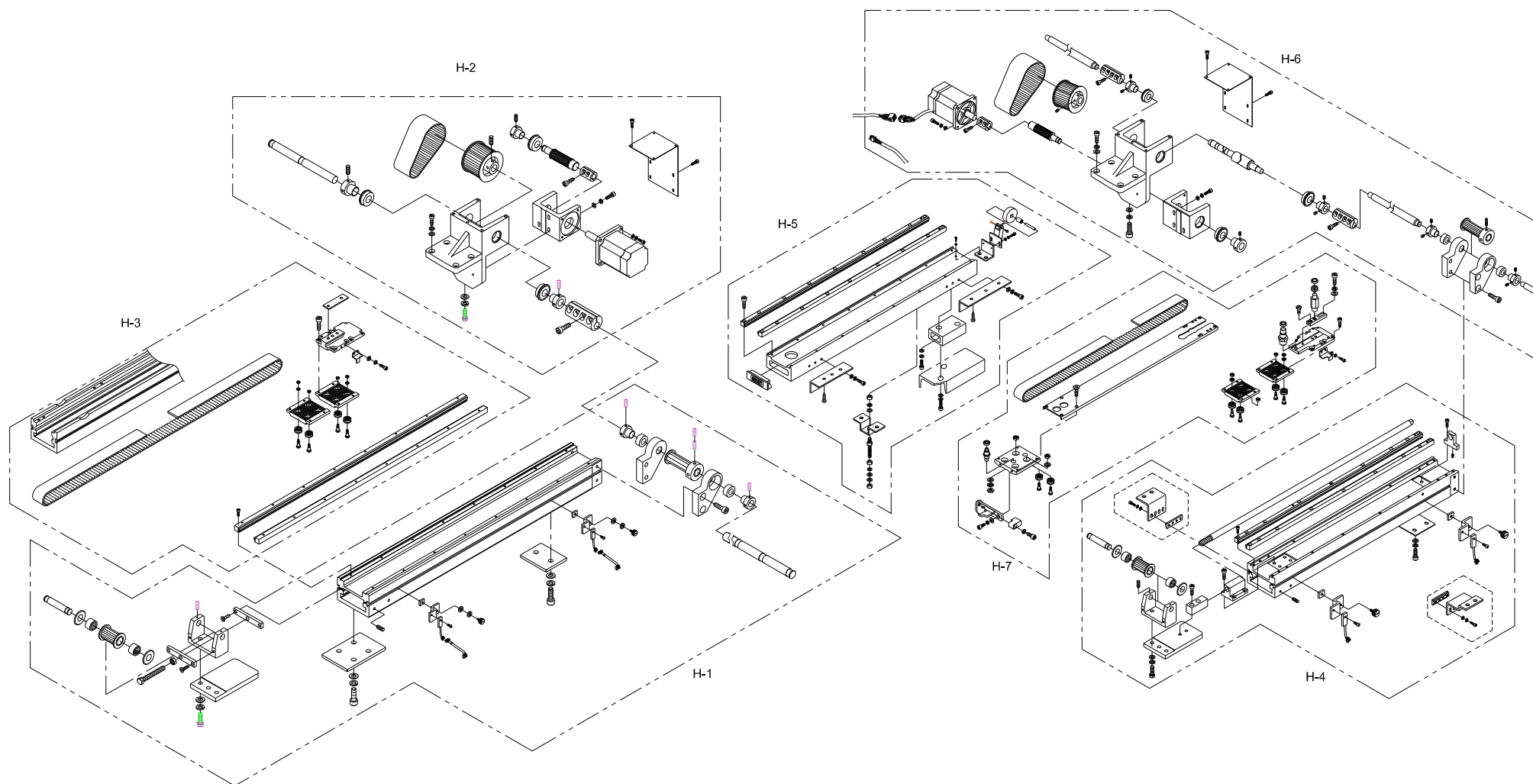
The diagram shows the assembly sequence: G-2-1 is inserted into G-2-2. G-2-3, G-2-4, G-2-5, and G-2-6 are used to secure G-2-9 to G-2-2. G-2-7 and G-2-8 are used to secure G-2-10 to G-2-9. G-2-11 is connected to G-2-9. G-2-12 is connected to G-2-14. G-2-13 is inserted into G-2-14. G-2-15 is inserted into G-2-14. The final assembly is shown as a complete unit.

Note

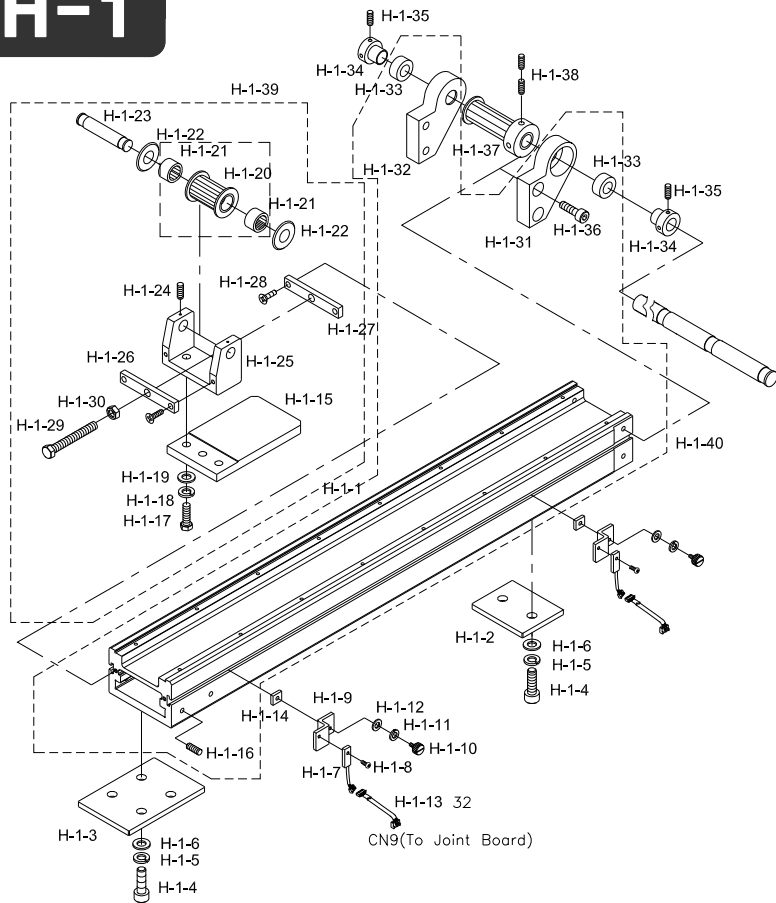
Note

[illegible]

X-Y Axis Drive System



H-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-1-1	G(-003970-00	X Axis Frame	Aug.20.04	X		3	
H-1-2	04000100H000	X-Lm Guide Support Plate (A)				3	
H-1-3	04000200H000	X-Lm Guide Support Plate (B)				3	
H-1-4	15020SC-4113	Hex,Socket Bolt (M8*L50)			○	18	
H-1-5	15095SW-3115	Spring Washer (@8)			○	18	
H-1-6	04029SW-A001	Stud Bolt Washer(S) (@8)			○	18	
H-1-7	EP-000067-00	Xy-Sensor Assy	Dec.05.05	X		2	
H-1-8	15120SC-A001	Position Adjusting Screw				2	
H-1-9	GP-008035-00	Sensor Bracket (X,Y)	Mar.18.05	X		2	
	GP-008035-01	Sensor Bracket (X,Y)	Dec.21.06	△		2	
H-1-10	15120SC-A001	Position Adjusting Screw				2	
H-1-11	18014SW-3115	Spring Washer (@4-No2)			○	2	
H-1-12	06011SW-2111	Washer (@3)			○	2	
H-1-13		X-Sensor To Joint Board				1	
H-1-14	15121PR-A001	Square Washer				2	
H-1-15	04202400B000	Timing Pulley Bracket Fixing Plate				3	
H-1-16	14060AF-4517	Hex.Socket Screw(M6*L6)			○	6	
H-1-17	15028SC-1111	Hex. Bolt (M6*L20)			○	9	
H-1-18	03026SW-9115	Spring Washer (@6)			○	9	
H-1-19	08057SW-1111	Washer (@6)			○	9	
H-1-20	04700100B000	X-Follower Timing Pulley				3	
H-1-21	15042BR-A001	Needle Bearing (1210ZZ)			○	6	
H-1-22	15046RB-A001	Fiber Washer(TW1225NTN)				6	
H-1-23	04104400B000	X-Follower Timing Pulley Shaft "B"				3	
H-1-24	03022SC-4517	Hex.Socket Bolt(M4*L5)			○	6	
H-1-25	04000640I000	TIMING PULLEY BRACKET (C)				3	
H-1-26	15055PR-A001	Tension Rivet Plate (W) W:48				3	
H-1-27	15056PR-A001	Tension Plate (W) (Belt:48)				3	
H-1-28	15089SC-7119	C.S Screw (M4*L12)			○	12	
H-1-29	15058SC-1211	Hex. Bolt (M6*L58)			○	3	
H-1-30	14064SN-7311	Hex.Nut (M6-No3)			○	3	
H-1-31	04000650I000	TIMING PULLEY BRACKET (L)				3	
H-1-32	04000660I000	TIMING PULLEY BRACKET (R)				3	
H-1-33	04000630I000	BEARING (6905ZZ)			○	6	
H-1-34	04003500I000	NEEDLE BEARING COLLAR				6	
H-1-35	14060AF-4517	HEX.SOCKET SCREW(M6*L6)			○	12	
H-1-36	14002SC-7113	Hex.Socket Set Screw(M6*L15)			○	12	

H-1

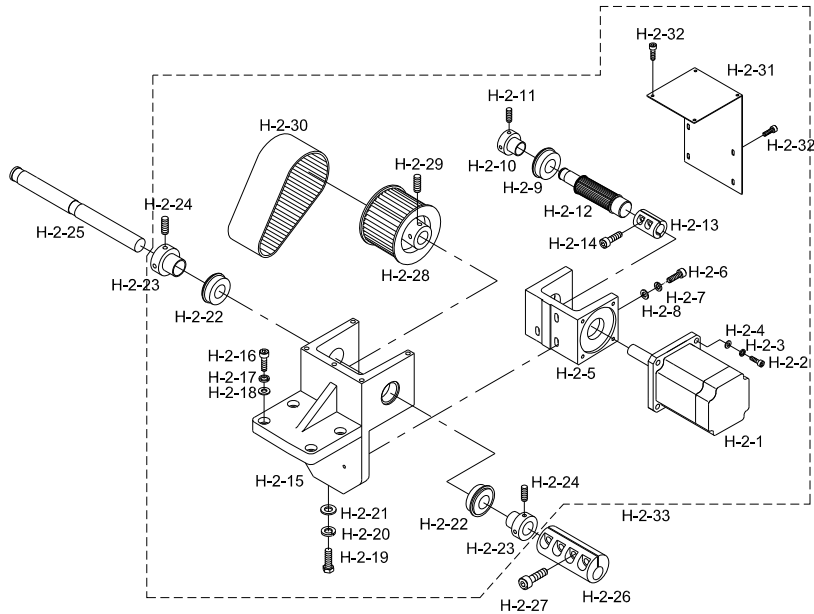
Exploded view diagram of the H-1 door assembly, showing various components and their assembly sequence. The diagram includes the following parts and labels:

- H-1-1**: Main door frame/track assembly.
- H-1-2**: Mounting plate for the bottom roller.
- H-1-3**: Bolt for the bottom roller mounting plate.
- H-1-4**: Washer for the bottom roller mounting plate.
- H-1-5**: Nut for the bottom roller mounting plate.
- H-1-6**: Roller wheel.
- H-1-7**: Roller bracket.
- H-1-8**: Roller pin.
- H-1-9**: Roller pin.
- H-1-10**: Roller pin.
- H-1-11**: Roller pin.
- H-1-12**: Roller pin.
- H-1-13**: Roller pin.
- H-1-14**: Roller pin.
- H-1-15**: Mounting plate for the top roller.
- H-1-16**: Bolt for the top roller mounting plate.
- H-1-17**: Washer for the top roller mounting plate.
- H-1-18**: Nut for the top roller mounting plate.
- H-1-19**: Roller wheel.
- H-1-20**: Roller bracket.
- H-1-21**: Roller pin.
- H-1-22**: Roller pin.
- H-1-23**: Roller pin.
- H-1-24**: Roller pin.
- H-1-25**: Roller pin.
- H-1-26**: Roller pin.
- H-1-27**: Roller pin.
- H-1-28**: Roller pin.
- H-1-29**: Roller pin.
- H-1-30**: Roller pin.
- H-1-31**: Mounting plate for the top roller.
- H-1-32**: Bolt for the top roller mounting plate.
- H-1-33**: Washer for the top roller mounting plate.
- H-1-34**: Nut for the top roller mounting plate.
- H-1-35**: Roller wheel.
- H-1-36**: Roller bracket.
- H-1-37**: Roller pin.
- H-1-38**: Roller pin.
- H-1-39**: Roller pin.
- H-1-40**: Roller pin.
- CN9**: Cable to Joint Board.

Note



H-2



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-2-1	PMPE2-000001	X-Y Motor (P20B10100Dxs)				1	
H-2-2	08087SC-7113	Hex.Socket Bolt(M8*L25)			○	4	
H-2-3	15095SW-3115	Spring Washer (@8)			○	4	
H-2-4	04029SW-A001	Stud Bolt Washer(S) (@8)			○	4	
H-2-5	GP-011473-00	X-Motor Bracket	Aug.30.05	X		1	
	GP-011473-01	X-Motor Bracket	Oct.24.06	△		1	
H-2-6	08087SC-7113	Hex.Socket Bolt(M8*L25)			○	3	
H-2-7	15095SW-3115	Spring Washer (@8)			○	3	
H-2-8	04029SW-A001	Stud Bolt Washer(S) (@8)			○	3	
H-2-9	02-009A-8180	Ball Bearing (6004NR)			○	1	
H-2-10	04003500B000	Bearing Stopper Collar "A"				1	
H-2-11	14060AF-4517	Hex.Socket Screw(M6*L6)			○	2	
H-2-12	04001600I000	X-Y Driving Shaft Timing Pulley				1	
H-2-13	04001700H000	Driving Shaft Coupling				1	
H-2-14	08091SC-7113	Hex.Socket Bolt(M6*L20)			○	2	
H-2-15	04001900I000	X Motor Base				1	
H-2-16	08087SC-7113	Hex.Socket Bolt(M8*L25)			○	4	
H-2-17	15095SW-3115	Spring Washer (@8)			○	4	
H-2-18	04029SW-A001	Stud Bolt Washer(S) (@8)			○	4	
H-2-19	15019SC-4113	Hex. Socket Bolt (M8*L40)			○	1	
H-2-20	15095SW-3115	Spring Washer (@8)			○	1	
H-2-21	04029SW-A001	Stud Bolt Washer(S) (@8)			○	1	
H-2-22	02-009A-8180	Ball Bearing (6005NR)			○	2	
H-2-23	03005210H000	COLLAR "A"				2	
H-2-24	14060AF-4517	Hex.Socket Screw(M6*L6)			○	4	
H-2-25	04001000I004	X Driving Pulley Shaft				1	
H-2-26	GP-037209-00	COUPLING @20	Feb,25,08 ~	X		3	
	GP-037209-01		Dec,23,08 ~	△			
H-2-27	08091SC-7113	Hex.Socket Bolt(M6*L20)			○	12	
H-2-28	04100330I000	TIMMING PULLEY(72-S5M-050)				1	
H-2-29	14061AF-4517	Hex.Socket Screw(M8*L8)			○	8	
H-2-30	04100410I000	TIMMING BELT (50-S5M-475)				1	
H-2-31	12002000I000	X-Y Axis Servo Motor Cover				1	
H-2-32	18033SC-3123	Truss Screw (M5*L6)			○	8	
H-2-33	AS-008288-00	X-Motor Base	Feb,22,08 ~	X		1	

H-3

The diagram illustrates the assembly of the H-3 system. The components are labeled as follows:

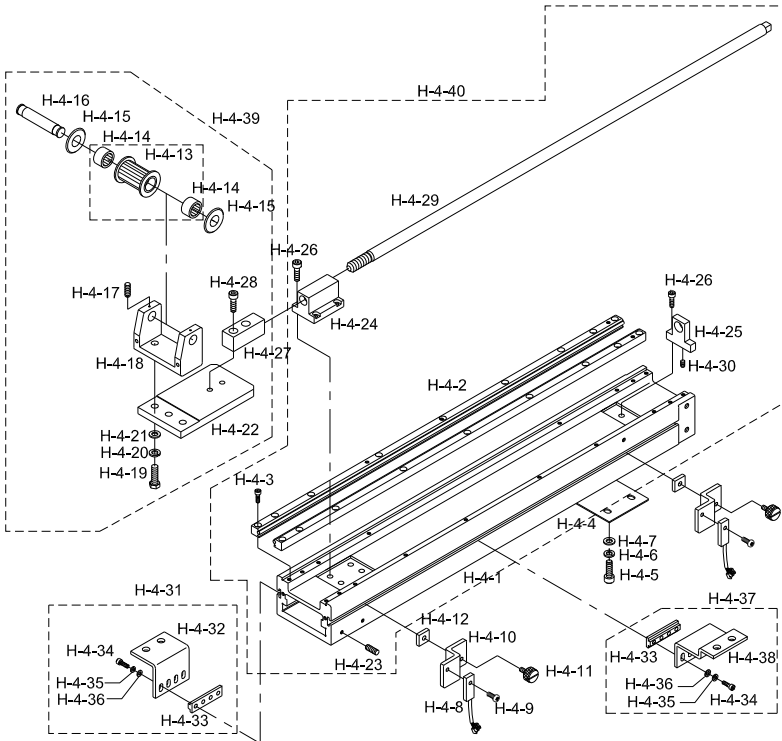
- H-3-1: Long horizontal rail with mounting holes.
- H-3-2: Small vertical pin or screw.
- H-3-3: Long horizontal rail with a serrated or finned surface.
- H-3-4: Small rectangular plate with mounting holes.
- H-3-5: Small circular component, possibly a washer or spacer.
- H-3-6: Small circular component, possibly a washer or spacer.
- H-3-7: Small rectangular plate with mounting holes.
- H-3-8: Small circular component, possibly a washer or spacer.
- H-3-9: Small circular component, possibly a washer or spacer.
- H-3-10: Small rectangular plate with mounting holes.
- H-3-11: Small rectangular plate with mounting holes.
- H-3-12: Small vertical pin or screw.
- H-3-13: Small vertical pin or screw.
- H-3-14: Small rectangular plate with mounting holes.
- H-3-15: Small circular component, possibly a washer or spacer.
- H-3-16: Small circular component, possibly a washer or spacer.
- H-3-17: Small circular component, possibly a washer or spacer.
- H-3-18: Long horizontal rail with mounting holes.

The assembly sequence is indicated by the numbers in the diagram. The components are shown in an exploded view, allowing for a clear understanding of their relative positions and how they fit together.

Note



H-4

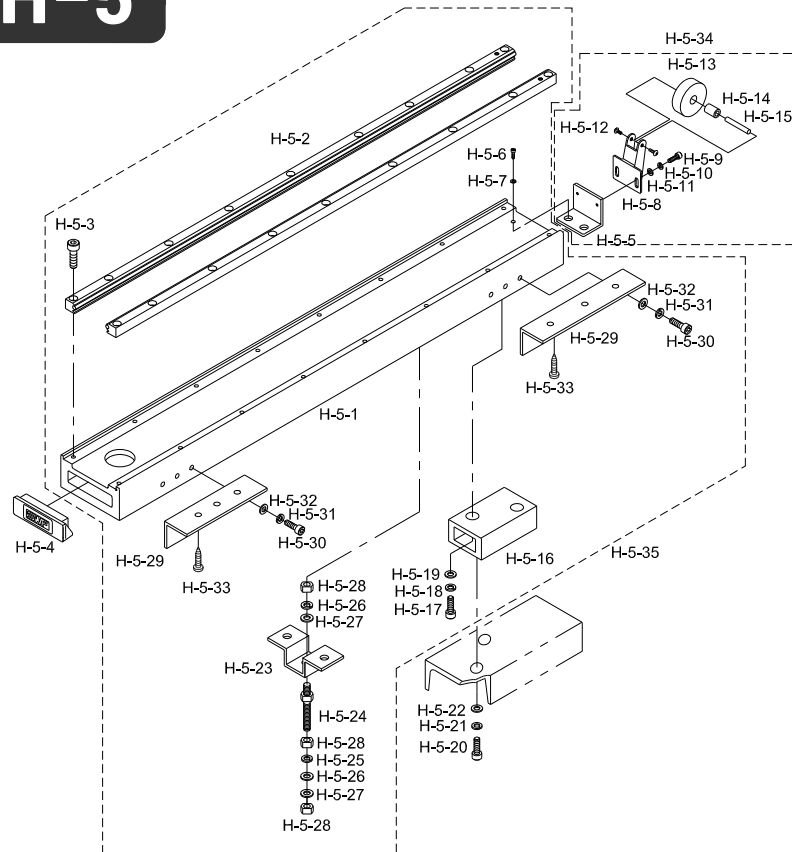


Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-4-1	04200100I004	Y-Axis Frame L=638				6	
H-4-2	15030AD-B021	Y Cam Roller Guide Rail L=633				12	
H-4-3	04016MC-4113	CAM ROLLER GUIDE FIXED SCREW				30	
H-4-4	GP-010315-00	Y- Frame Support Plate	Jun.29.05	X		12	
H-4-5	15019SC-4113	Hex. Socket Bolt (M8*L40)			○	48	
H-4-6	15095SW-3115	Spring Washer (@8)			○	48	
H-4-7	04029SW-A001	Stud Bolt Washer(S) (@8)			○	48	
H-4-8	EP-000067-00	Xy-Sensor (TL-W3MC1)	Dec.05.05	X		2	
H-4-9	15020SC-A001	Plus Screw (M3*L8)				2	
H-4-10	GP-008035-00	Perception Sensor Bracket X,Y	Mar.18.05	X		2	
	GP-008035-01	Perception Sensor Bracket X,Y	Dec.21.06	△		2	
H-4-11	15120SC-A001	Position Adjusting Screw				2	
H-4-12	15056PR-B001	Square Washer				2	
H-4-13	04700100B000	Y-Drive Timing Pulley				6	
H-4-14	15042BR-A001	Needle Bearing (1210Zz)			○	12	
H-4-15	15046RB-A001	Driving Pin Washer (Tw1225)				12	
H-4-16	04104400B000	Timing Pulley Driving Pin				6	
H-4-17	03022SC-4517	Hex. Socket Set Screw(M4*L5)			○	12	
H-4-18	04000640I000	TIMING PULLEY BRACKET (C)				6	
H-4-19	15028SC-1111	Hex. Bolt (M6*L20)			○	18	
H-4-20	03026SW-9115	Spring Washer (@6)			○	18	
H-4-21	08057SW-1111	Washer (@6)			○	18	
H-4-22	GP-030533-00	Timing Pulley Tension Base(N)	May.21.07	X		6	
	GP-030533-01	Timing Pulley Tension Base(N)	Feb.18.09	△		6	
H-4-23	14060AF-4517	Hex.Socket Screw(M6*L6)			○	12	
H-4-24	15004CL-B001	Y Adjusting Shaft Guide (A)				6	
H-4-25	15005CL-B001	Y Adjusting Shaft Guide (B)				6	
H-4-26	16059SC-7113	Hex.Socket Bolt (M6*L12)			○	36	
H-4-27	15006CL-B001	Adjusting Shaft Stopper				6	
H-4-28	14006SC-7113	Hex.Socket Set Screw(M8*L15)			○	12	
H-4-29	15033CW-B001	Cam Roller Screw "B"				6	
H-4-30	14061AF-4517	Hex.Socket Screw(M8*L8)			○	6	
H-4-31	04910000B000	SUPPORT ANGLE FOR TABLE "A" (SET)				6	
H-4-32	15050PR-B041	SUPPORT ANGLE FOR TABLE "A"				6	
H-4-33	15052CW-B041	SUPPORT ANGLE BRACKET TABLE				12	
H-4-34	04010MC-7113	HEX.SOCKET BOLT (M4*L10)			○	64	
H-4-35	18014SW-3115	SPRING WASHER (@4-NO2)			○	64	

[illegible][illegible]

H-5



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-5-1	08400310H004	Y-Axis Frame (F) L=614				6	
H-5-2	15037AD-BE11	Cam Roller Guide Rail (L=614)				12	
H-5-3	04016MC-4113	CAM ROLLER GUIDE FIXED SCREW				30	
H-5-4	15092RB-B001	V-RAIL SUPPORT RUBBER CAP				6	
H-5-5	GP-013196-00	Support Bracket	Nov.10.05	X		6	
H-5-6	14006SC-4113	Hex/ Socket Bolt (M8*L15)			○	12	
H-5-7	15077SW-2111	Washer (@8)			○	12	
H-5-8	GP-006914-00	Roller Bracket	Jan.12.05	X		6	
	GP-006914-01	Roller Bracket	Jun.02.05	△		6	
	GP-006914-02	Roller Bracket	May.03.06	△		6	
H-5-9	02015SC-7113	Hex.Socket Bolt (M4*L10)			○	12	
H-5-10	18014SW-3115	Spring Washer (@4-No2)			○	12	
H-5-11	18015SW-3111	Washer (4@)			○	12	
H-5-12	09005SC-3123	Truss Screw (M3*L6)			○	6	
H-5-13	GP-006917-00	Guide Roller	Jan.12.05	X		6	
	GP-006917-01	Guide Roller	Jun.02.05	△		6	
H-5-14	GP-006918-00	Guide Roller Bushing	Jan.12.05	X		4	
	GP-006918-01	Guide Roller Bushing	Jun.02.05	△		4	
H-5-15	PN-000133-00	Roller Pin	Jan.12.05	X		6	
H-5-16	15095AD-B001	Spacer				6	
H-5-17	14006SC-7113	Hex.Socket Set Screw (M8*L15)			○	12	
H-5-18	15095SW-3115	Spring Washer (@8)			○	12	
H-5-19	04029SW-A001	Stud Bolt Washer(S) (@8)				12	
H-5-20	15020SC-4113	Hex,Socket Bolt (M8*L50)			○	12	
H-5-21	15095SW-3115	Spring Washer (@8)			○	12	
H-5-22	04029SW-A001	Stud Bolt Washer(S) (@8)			○	12	
H-5-23	15097PR-B001	Stud Bracket				6	
H-5-24	15096CW-B001	Stud Bolt (M8*L90)				6	
H-5-25	15095SW-3115	Spring Washer (@8)			○	18	
H-5-26	04029SW-A001	Stud Bolt Washer(S) (@8)			○	12	
H-5-27	04030SW-A001	Stud Bolt Washer(L) (@8)			○	6	
H-5-28	04032SN-A001	Hex. Nut (M8-No2)			○	18	
H-5-29	15093AD-B001	Table Support				12	
H-5-30	18047SC-7113	Hex/ Socket Bolt (M5*L15)			○	24	
H-5-31	18048SW-3115	Spring Washer (5@)			○	48	
H-5-32	18049SW-3111	Washer (@5)			○	48	
H-5-33	16010SC-8330	Tapping Screw (M6*L25)			○	48	

H-5

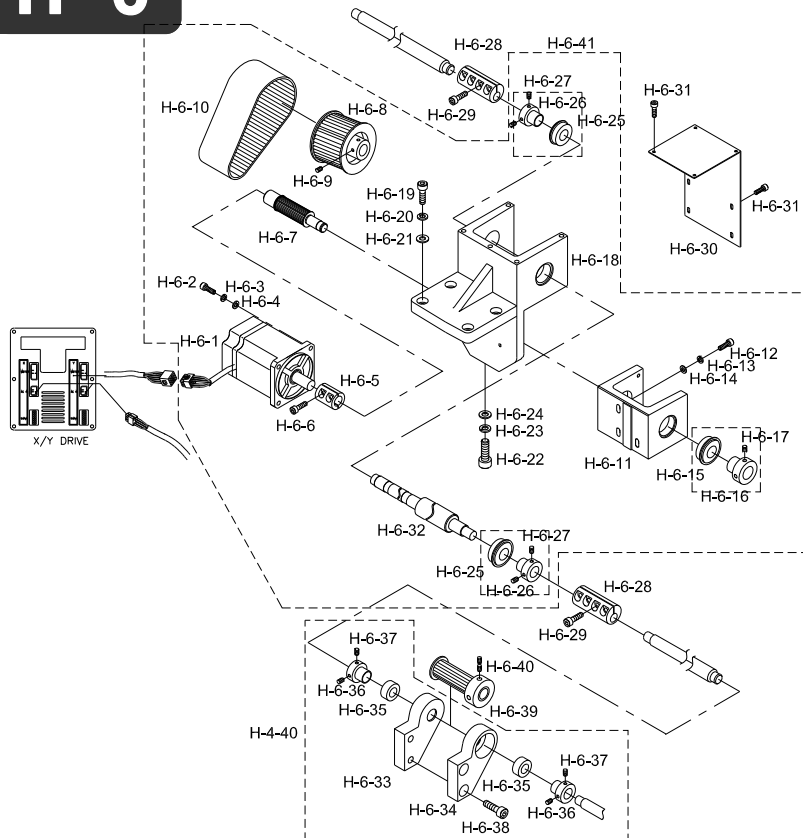
Exploded view diagram of the H-5 assembly, showing the following components and their assembly sequence:

- H-5-1**: Main horizontal rail.
- H-5-2**: Secondary horizontal rail.
- H-5-3**: Bolt for H-5-1.
- H-5-4**: Small rectangular component.
- H-5-5**: Bracket for H-5-1.
- H-5-6**: Bolt for H-5-5.
- H-5-7**: Bolt for H-5-5.
- H-5-8**: Bracket for H-5-5.
- H-5-9**: Bolt for H-5-8.
- H-5-10**: Bolt for H-5-8.
- H-5-11**: Bolt for H-5-8.
- H-5-12**: Bolt for H-5-8.
- H-5-13**: Bolt for H-5-8.
- H-5-14**: Bolt for H-5-8.
- H-5-15**: Bolt for H-5-8.
- H-5-16**: Bracket for H-5-1.
- H-5-17**: Bolt for H-5-16.
- H-5-18**: Bolt for H-5-16.
- H-5-19**: Bolt for H-5-16.
- H-5-20**: Bolt for H-5-16.
- H-5-21**: Bolt for H-5-16.
- H-5-22**: Bolt for H-5-16.
- H-5-23**: Bracket for H-5-1.
- H-5-24**: Bolt for H-5-23.
- H-5-25**: Bolt for H-5-23.
- H-5-26**: Bolt for H-5-23.
- H-5-27**: Bolt for H-5-23.
- H-5-28**: Bolt for H-5-23.
- H-5-29**: Bracket for H-5-1.
- H-5-30**: Bolt for H-5-29.
- H-5-31**: Bolt for H-5-29.
- H-5-32**: Bolt for H-5-29.
- H-5-33**: Bolt for H-5-29.
- H-5-34**: Bolt for H-5-29.
- H-5-35**: Bolt for H-5-29.

Note



H-6



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-6-1	DMPE2-000001	Y-Driving Motor [SFAM-1000-003]				1	
H-6-2	06025MC-7113	Hex.Socket Bolt(M6*L25)			○	4	
H-6-3	15095SW-3115	Spring Washer (@8)			○	4	
H-6-4	04029SW-A001	Stud Bolt Washer(S) (@8)			○	4	
H-6-5	04001700H000	Driving Shaft Coupling				1	
H-6-6	08091SC-7113	Hex.Socket Bolt(M6*L20)			○	2	
H-6-7	04001600I000	Y-Axis Timing Pulley				1	
H-6-8	04100330I000	TIMMING PULLEY(72-S5M-050)				1	
H-6-9	14061AF-4517	Hex.Socket Screw(M8*L8)			○	8	
H-6-10	04100410I000	TIMMING BELT (50-S5M-475)				1	
H-6-11	GP-011474-00	Y-Motor Bracket	Aug.30.05	X		1	
	GP-011474-01	Y-Motor Bracket	Oct.24.06	△		1	
H-6-12	06025MC-7113	Hex.Socket Bolt(M6*L25)			○	3	
H-6-13	15095SW-3115	Spring Washer (@8)			○	3	
H-6-14	04029SW-A001	Stud Bolt Washer(S) (@8)			○	3	
H-6-15	02-009A-8180	BALL BEARING 6004NR				1	
H-6-16	04003500B000	Needle Bearing Collar				1	
H-6-17	14060AF-4517	Hex.Socket Set Screw(M5*L5)			○	2	
H-6-18	04002200I000	Y-MOTER BASE				1	
H-6-19	06025MC-7113	Hex.Socket Bolt(M6*L25)			○	4	
H-6-20	15095SW-3115	Spring Washer (@8)			○	4	
H-6-21	04029SW-A001	Stud Bolt Washer(S) (@8)			○	4	
H-6-22	15019SC-4113	Hex. Socket Bolt (M8*L40)			○	1	
H-6-23	15095SW-3115	Spring Washer (@8)			○	1	
H-6-24	04029SW-A001	Stud Bolt Washer(S) (@8)			○	1	
H-6-25	02-009A-8180	Ball Bearing 6004NR			○	2	
H-6-26	03005210H000	Collar "A"				2	
H-6-27	14060AF-4517	Hex.Socket Screw(M6*L6)			○	4	
H-6-28	GP-037209-00	COUPLING @20	Feb,25,08 ~			2	
	GP-037209-01		Dec,23,08 ~				
H-6-29	08091SC-7113	Hex.Socket Bolt(M6*L20)			○	8	
H-6-30	12002000I000	Y-Axis Servo Motor Cover A				1	
H-6-31	18033SC-3123	Truss Screw (M5*L6)			○	8	
H-6-32	04200200I000	Y-Driving Pulley Shaft				1	
H-6-33	04000650I000	TIMING PULLEY BRACKET (L)				6	
H-6-34	04000660I000	TIMING PULLEY BRACKET (R)				6	
H-6-35	04000630I000	Needle Bearing (Nk18/16A)			○	12	
H-6-36	04003500I000	NEEDLE BEARING COLLAR				12	

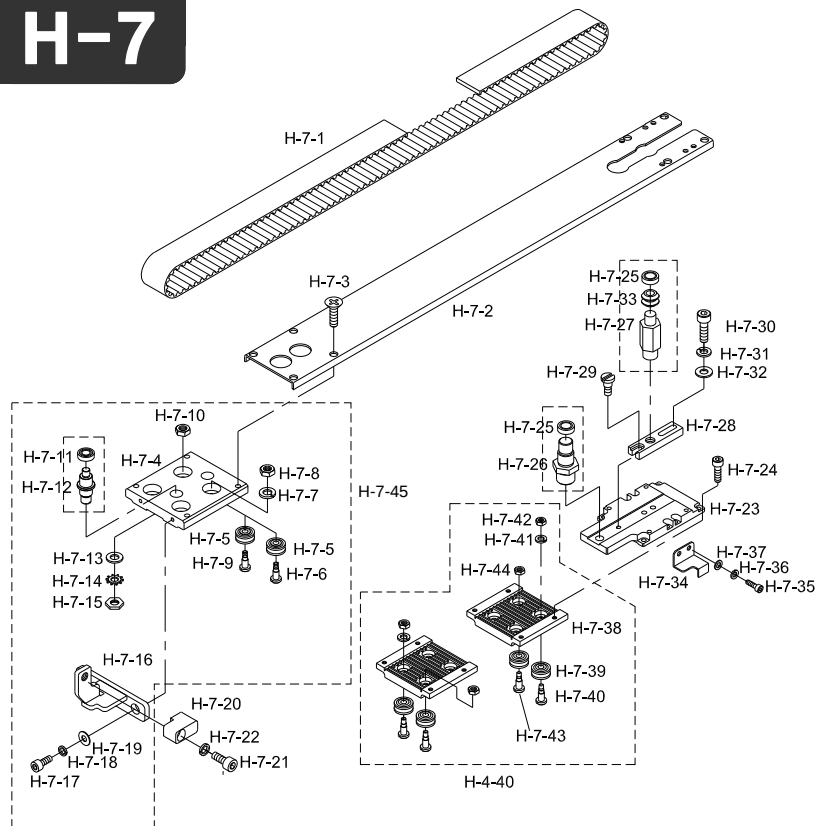
The diagram illustrates the assembly of the X/Y Drive. Key components and their assembly sequence are as follows:

- Motor and Drive Unit:** The X/Y DRIVE (H-6-1) is connected to the motor (H-6-2) and the drive unit (H-6-3).
- Motor Mounting:** The motor (H-6-2) is mounted to the drive unit (H-6-3) using screws (H-6-4).
- Motor Housing:** The motor housing (H-6-5) is attached to the motor (H-6-2) using a screw (H-6-6).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-7) is attached to the motor (H-6-2) using a screw (H-6-8).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-9) is attached to the motor (H-6-2) using a screw (H-6-10).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-11) is attached to the motor (H-6-2) using a screw (H-6-12).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-13) is attached to the motor (H-6-2) using a screw (H-6-14).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-15) is attached to the motor (H-6-2) using a screw (H-6-16).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-17) is attached to the motor (H-6-2) using a screw (H-6-18).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-19) is attached to the motor (H-6-2) using a screw (H-6-20).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-21) is attached to the motor (H-6-2) using a screw (H-6-22).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-23) is attached to the motor (H-6-2) using a screw (H-6-24).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-25) is attached to the motor (H-6-2) using a screw (H-6-26).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-27) is attached to the motor (H-6-2) using a screw (H-6-28).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-29) is attached to the motor (H-6-2) using a screw (H-6-30).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-31) is attached to the motor (H-6-2) using a screw (H-6-32).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-33) is attached to the motor (H-6-2) using a screw (H-6-34).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-35) is attached to the motor (H-6-2) using a screw (H-6-36).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-37) is attached to the motor (H-6-2) using a screw (H-6-38).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-39) is attached to the motor (H-6-2) using a screw (H-6-40).
- Motor Mounting Bracket:** The motor mounting bracket (H-6-41) is attached to the motor (H-6-2) using a screw (H-6-42).

Note	
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H-7



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
H-7-1	04000500H004	Y-Drive Timing Belt (W:48)				6	
H-7-2	GP-030076-00	Joint Cover For Bearing Block	May.07.07	X		6	
H-7-3	15084SC-7119	C.S Screw (M4*L6)			○	48	
H-7-4	GP-030075-00	Y-Axis Bearing Block (F)	May.07.07	X		6	
H-7-5	15001BR-B001	Cam Roller Baearing				24	
H-7-6	15002CW-B001	Cam Roller Stud (A)				12	
H-7-7	02028SW-9115	Spring Washer (@4)				12	
H-7-8	15029SN-3211	Hex. Nut (M4-No2)			○	12	
H-7-9	15003CW-B001	Cam Roller Stud (B)				12	
H-7-10	12010SN-1211	Hex.Nut (M5)			○	12	
H-7-11	15077BR-B001	Ball Bearing (Lr606Nppu)			○	6	
H-7-12	08400110H000	Y-Rail Guide Shaft (Front-A)				6	
H-7-13	15077SW-2111	Washer (8@-S)			○	6	
H-7-14	15078SW-8113	Toothed Lock Washer (@8)			○	6	
H-7-15	15079SN-2311	Rail Guide Shaft Nut				6	
H-7-16	GP-021541-00	Frame Injured Prevent Bracket	Sep.14.06	X		6	
H-7-17	02015SC-7113	Hex.Socket Bolt(M4*L10)			○	12	
H-7-18	18014SW-3115	Spring Washer (@4-No2)			○	12	
H-7-19	18015SW-3111	Washer (4@)			○	12	
H-7-20	GP-021542-00	Block For Surface Prevention	Sep.14.06	X		4	
	GP-021542-01	Block For Surface Prevention	Dec.22.06	△		4	
H-7-21	15105SC-7113	HEX.SOCKET BOLT (M4*L15)			○	4	
H-7-22	WS-000221-00	Washer(@4)	Sep.15.06	X	○	4	
H-7-23	GP-030074-00	Y-Axis Bearing Block (Rear)	May.07.07	X		6	
H-7-24	15067SC-A001	Hex.Socket Bolt (M4*L7)			○	48	
H-7-25	15077BR-B001	Ball Bearing (Lr606Nppu)			○	12	
H-7-26	15098CW-A001	RAIL GUIDE PIN "B"				6	
H-7-27	15097CW-A001	RAIL GUIDE PIN "A"				6	
H-7-28	GP-006299-00	ADJUSTING BLOCK FOR BEARING	Dec.18.04	X		6	
H-7-29	15074SC-A001	Stopper Stud				6	
H-7-30	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	12	
H-7-31	18048SW-3115	Spring Washer (@5)			○	12	
H-7-32	WS-000083-00	@5 - Washer	Dec.20.04	X	○	12	
H-7-33	18111CW-B001	Frame 'E' Roller				6	
H-7-34	04000800H000	Sensor Plate "Y"				1	
H-7-35	22006SC-7113	Hex. Socket Bolt (M3*L8)			○	2	
H-7-36	11019SW-9115	Spring Washer (3@)			○	2	

H-7

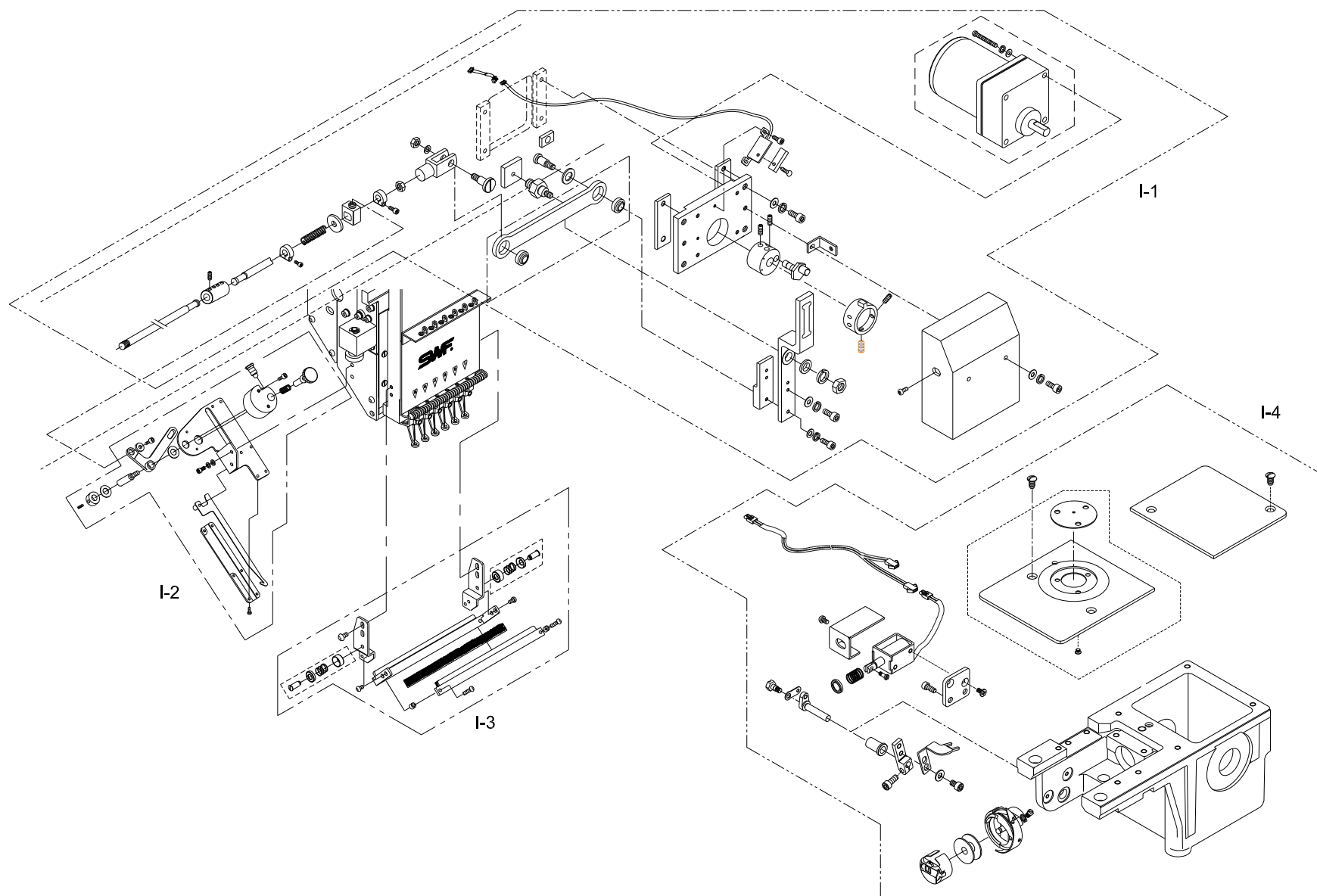
Exploded view diagram of the H-7 engine assembly, showing various components and their assembly sequence. The diagram includes the following parts and sub-assemblies:

- H-7-1**: Main engine block.
- H-7-2**: Longitudinal rail or guide.
- H-7-3**: Bolt for rail attachment.
- H-7-4**: Base plate for the lower assembly.
- H-7-5**, **H-7-6**, **H-7-7**, **H-7-8**, **H-7-9**: Various bolts and washers for the base plate.
- H-7-10**: Bolt for the base plate.
- H-7-11**, **H-7-12**: Bolt and washer for the base plate.
- H-7-13**, **H-7-14**, **H-7-15**: Washers for the base plate.
- H-7-16**: Bolt for the base plate.
- H-7-17**, **H-7-18**, **H-7-19**: Bolt and washers for the base plate.
- H-7-20**: Bolt for the base plate.
- H-7-21**, **H-7-22**: Bolt and washer for the base plate.
- H-7-23**: Bolt for the base plate.
- H-7-24**: Bolt for the base plate.
- H-7-25**, **H-7-26**: Bolt and washer for the base plate.
- H-7-27**: Bolt for the base plate.
- H-7-28**: Bolt for the base plate.
- H-7-29**: Bolt for the base plate.
- H-7-30**, **H-7-31**, **H-7-32**: Bolt and washers for the base plate.
- H-7-33**: Bolt for the base plate.
- H-7-34**: Bolt for the base plate.
- H-7-35**, **H-7-36**, **H-7-37**: Bolt and washers for the base plate.
- H-7-38**: Bolt for the base plate.
- H-7-39**, **H-7-40**: Bolt and washer for the base plate.
- H-7-41**, **H-7-42**: Bolt and washer for the base plate.
- H-7-43**: Bolt for the base plate.
- H-7-44**: Bolt for the base plate.
- H-7-45**: Bolt for the base plate.

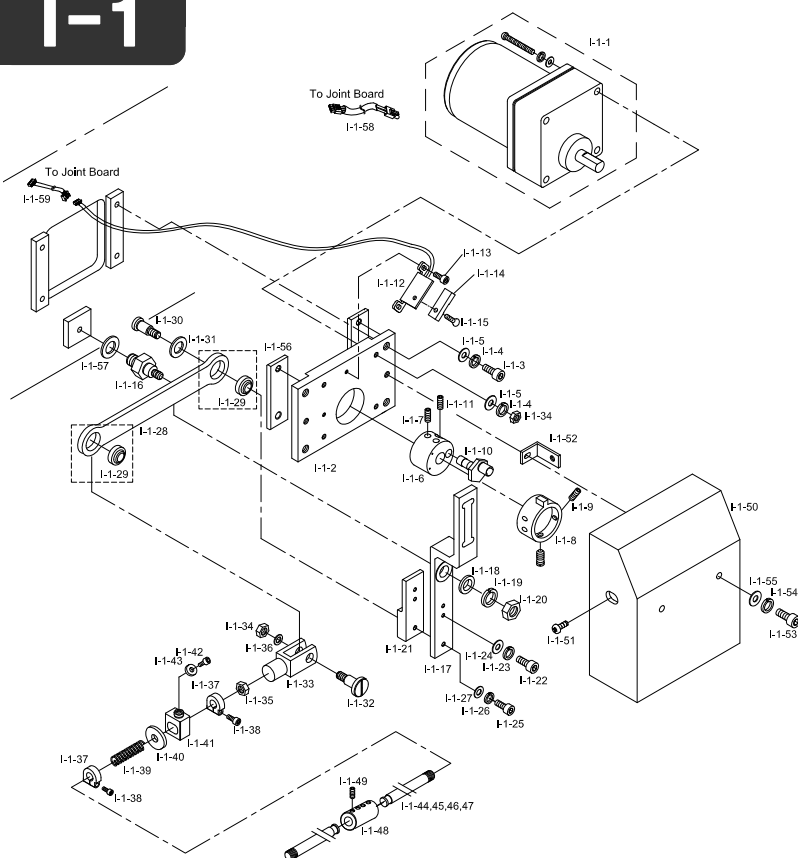
Note



Setting



I-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
I-1-1	03003100H000	Upper Thread Hook Motor Unit				1	
I-1-2	03003210H000	MOTOR BASE				1	
I-1-3	06025MC-7113	Hex. Socket Bolt (M6*L25)			○	4	
I-1-4	16014SW-4115	Spring Washer (@8)			○	4	
I-1-5	08057SW-1111	Washer (@6)			○	4	
I-1-6	03003300H000	Cam Shaft Fixing Block				1	
I-1-7	05008MC-4517	Hex. Socket Bolt (M5*L8)			○	2	
I-1-8	GP-005184-01	SENSOR SENSING ADJUSTING RING	Nov.22.04	X		1	
I-1-9	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	2	
I-1-10	03003500H000	Motor Driving Cam Shaft				1	
I-1-11	04014SC-4517	Hex.Socket Set Screw(M5*L5)			○	1	
I-1-12	GP-005180-00	UPPER THREAD HOOK SENSOR BASE	Oct.13.04	X		1	
I-1-13	07035SC-7113	Bracket Screw (M3*L6)			○	2	
I-1-14	EP-000067-00	SENSOR	Dec.05.05	X		1	
I-1-15	13061SC-8119	Plus Screw (M3*L10)			○	1	
I-1-16	03003810H000	STUD BOLT FOR DRIVING PLATE				1	
I-1-17	03003910H000	Upper Thread Driving Plate				1	
I-1-18	WS-000549-00	Stud Bolt Washer	Feb.20.09 ~ Jun.24.09			1	
	WS-000549-01		Jun.24.09 ~				
I-1-19	16014SW-4115	Spring Washer (@8)			○	1	
I-1-20	13042SN-1111	Hex. Nut (M6*T5-R)			○	1	
I-1-21	GP-021754-00	Driving Plate Block"C"	Sep.21.06	X		1	
I-1-22	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	2	
I-1-23	18048SW-3115	Spring Washer (@5)			○	2	
I-1-24	18049SW-3111	Washer (@5)			○	2	
I-1-25	08091SC-7113	Hex. Socket Bolt (M6*L20)			○	1	
I-1-26	16014SW-4115	Spring Washer (@8)			○	1	
I-1-27	08057SW-1111	Washer (@6)			○	1	
I-1-28	03004200HH00	MOTOR DRIVING CONNECT PLATE				1	
I-1-29	03004400H000	Motor Driving Connect Bearing				2	
I-1-30	03008300H000	Connecting Plate Pin				1	
I-1-31	03004500H000	Connecting Plate Pin Washer				1	
I-1-32	03004700H000	Connecting Plate Stud Screw				1	
I-1-33	03004800H000	Connecting Plate Knuckle				1	
I-1-34	13042SN-1111	Hex. Nut (M6*T5-R)			○	1	
I-1-35	04032SN-A001	Hex. Nut (M8)			○	1	
I-1-36	03026SW-9115	Spring Washer				1	
I-1-37	03002610H000	Return Spring Stopper				60	

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Note



Note



I-3

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

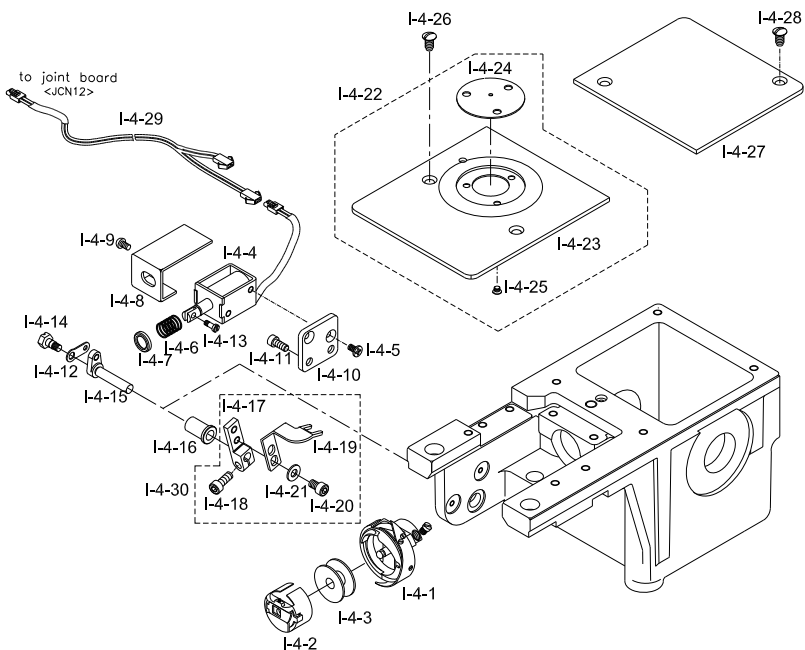
- I-3-1**: The main brush assembly housing.
- I-3-2**: The brush strip.
- I-3-3**: The brush support rail.
- I-3-4**: The brush end cap.
- I-3-5**: The brush end cap screw.
- I-3-6**: The brush support bracket.
- I-3-7**: The brush support bracket screw.
- I-3-8**: The brush support bracket pin.
- I-3-9**: The brush support bracket pin.
- I-3-10**: The brush support bracket pin.
- I-3-11**: The brush support bracket pin.

The diagram shows the brush assembly (I-3-1) being mounted onto the support rail (I-3-3) using the support bracket (I-3-6) and the end cap (I-3-4). The brush strip (I-3-2) is shown in its retracted position. The support rail (I-3-3) is mounted onto the main housing (I-3-1) using the support bracket (I-3-6) and the end cap (I-3-4). The brush strip (I-3-2) is shown in its retracted position.

Note



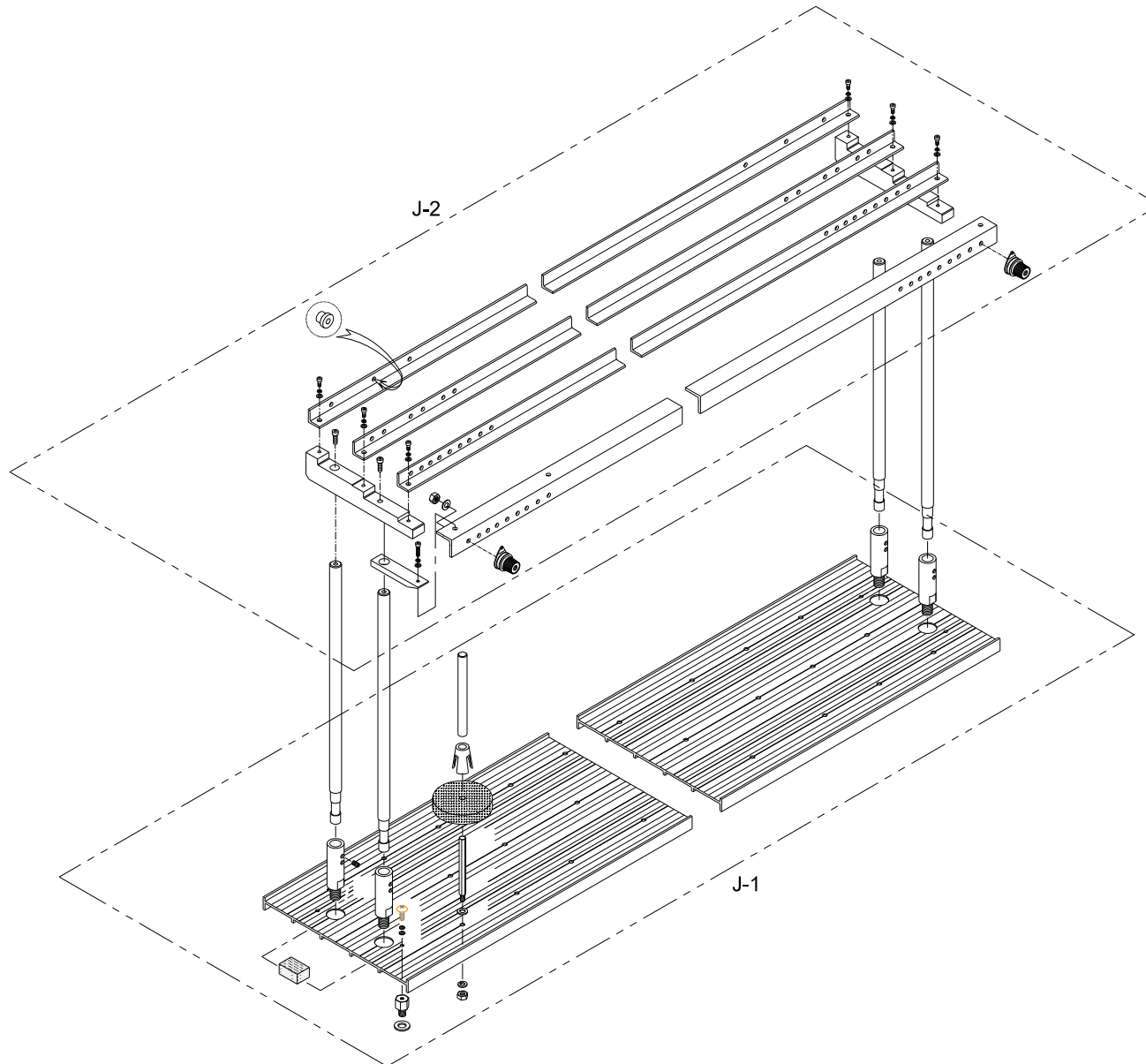
I-4



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
I-4-1	04033AF-H002	Rotary Hook				30	
	04033AF-H004	Rotary Hook (Option)				30	
I-4-2	04034AF-A001	Bobbin Case Set				30	
	04034AF-H003	Bobbin Case Set (Option)				30	
I-4-3	04035AF-A001	Bobbin				30	
	04035AF-H003	Bobbin (Option)				30	
I-4-4	10009EL-A001	Picker Sol. Set				30	
I-4-5	10010SC-8119	Plus Screw (M3*L5)			○	60	
I-4-6	10011SP-A001	Sol. Spring				30	
I-4-7	10012RB-A001	Cushion Washer				30	
I-4-8	10013PM-A001	Picker Sol. Cover				30	
I-4-9	06010AF-8118	Plus Screw(M3*L4)			○	60	
I-4-10	10015PR-A001	Picker Sol. Base				30	
I-4-11	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	60	
I-4-12	10019PR-A001	Connecting Link				30	
I-4-13	10021SC-A001	Sol. Stud Screw				30	
I-4-14	10020SC-A001	Connecting Link Stud Screw				30	
I-4-15	10006FU-A001	Picker Connecting Crank				30	
I-4-16	08015PM-A001	Bushing				30	
I-4-17	10004CW-A001	Picker Holder				30	
I-4-18	02023SC-7113	Hex. Socket Bolt (M4*L8)			○	30	
I-4-19	10001AF-A001	Picker				30	
I-4-20	02014SC-7113	Hex. Socket Bolt (M4*L5)			○	60	
I-4-21	06003SW-2111	Washer (@4)			○	60	
I-4-22	12000110H000	Needle Plate Set @2.0				30	
I-4-23	GP-008997-00	Needle Plate	Apr.30.05	X		30	
I-4-24	12000410B000	Needle Plate Attachment @2.0				30	
I-4-25	04007SC-A001	Cushion Cover Screw (M3*L2.3)				90	
I-4-26	04004AF-A001	Needle Plate Screw				60	
I-4-27	04008PR-A001	Hook Base Cover				30	
I-4-28	04004AF-A001	Needle Plate Screw				60	
I-4-29	02102000HDK2	Picker Sol.Connect From J/B				1	
I-4-30	AS-008142-00	Picker Assy	Jan,28,08 ~	X		30	

Spool



The diagram illustrates the assembly of the J-1 system. Key components and their assembly sequence are as follows:

- J-1-1**: The main base plate, which is a rectangular panel with a grid of holes.
- J-1-2**, **J-1-3**, **J-1-4**, **J-1-5**, and **J-1-6**: Small circular components that are inserted into the holes of the base plate.
- J-1-7**: A circular component that is placed on top of the base plate.
- J-1-8**: A long, thin rod that is inserted into the base plate.
- J-1-9**: A small circular component that is inserted into the base plate.
- J-1-10**: A small circular component that is inserted into the base plate.
- J-1-11** and **J-1-12**: Small circular components that are inserted into the base plate.
- J-1-13**: A small circular component that is inserted into the base plate.
- J-1-14**: A small rectangular component that is placed on the base plate.
- J-1-15** and **J-1-16**: Two long, thin rods that are inserted into the base plate.
- J-1-17**: Two long, thin rods that are inserted into the base plate.
- J-1-18**: A small rectangular component that is placed on the base plate.

Note



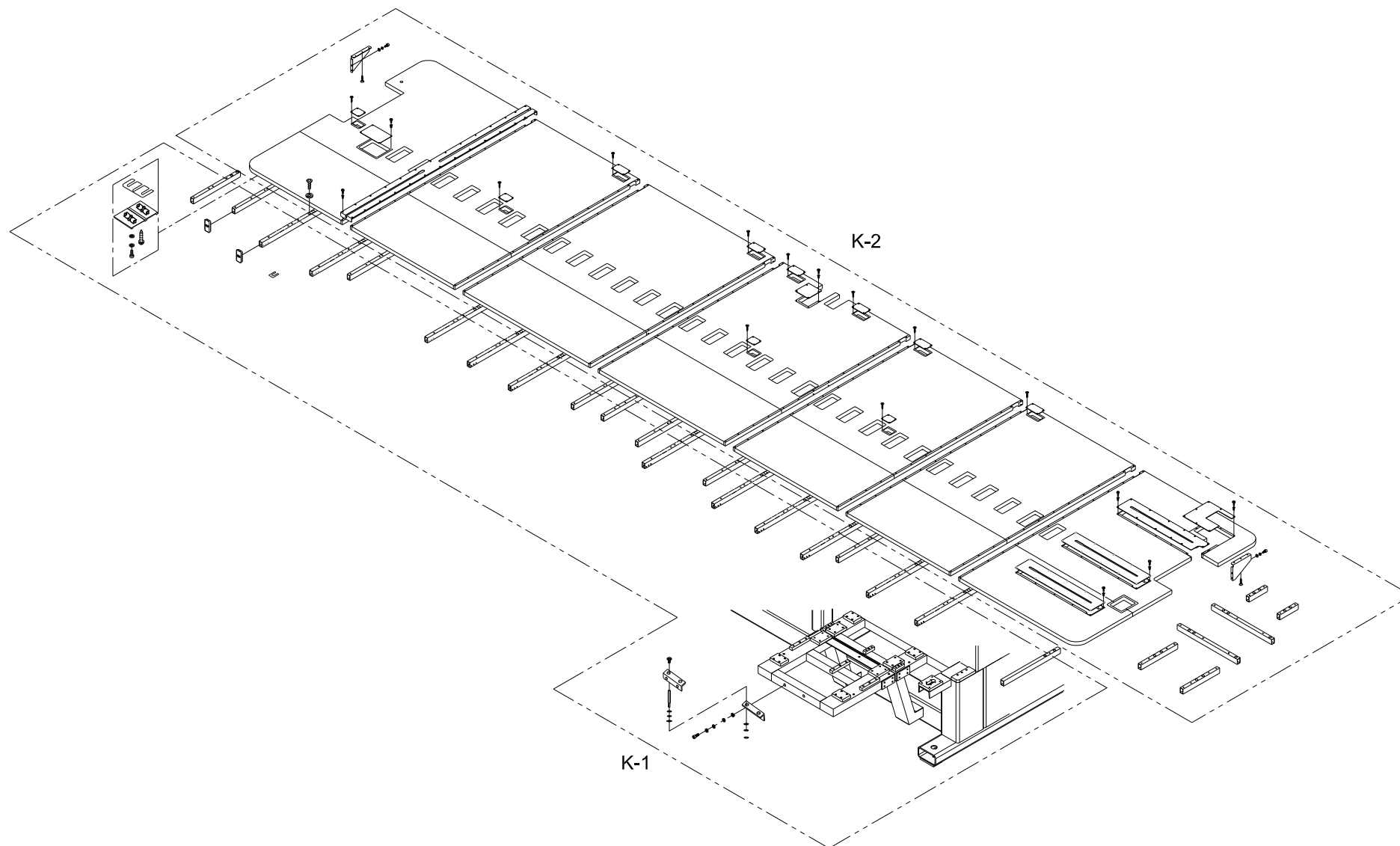
This exploded view diagram illustrates the assembly of the J-2 system. The components and their assembly sequence are as follows:

- J-2-1** and **J-2-2** are the main structural rails.
- J-2-3** and **J-2-4** are secondary rails or supports.
- J-2-5** is a bracket that connects to **J-2-1** and **J-2-2** using **J-2-6** (screws), **J-2-7** (washers), and **J-2-8** (nuts).
- J-2-9** is a base plate that connects to **J-2-1** and **J-2-2** using **J-2-10** (screws), **J-2-11** (washers), **J-2-12** (nuts), and **J-2-13** (bolts).
- J-2-14** is a connector that links **J-2-9** to **J-2-3** and **J-2-4**.
- J-2-15** and **J-2-16** are additional structural components that connect to the main rails.
- J-2-17** is a connector that links **J-2-3** to **J-2-4**.
- J-2-18** is a small circular component, possibly a cap or seal, that fits onto **J-2-5**.

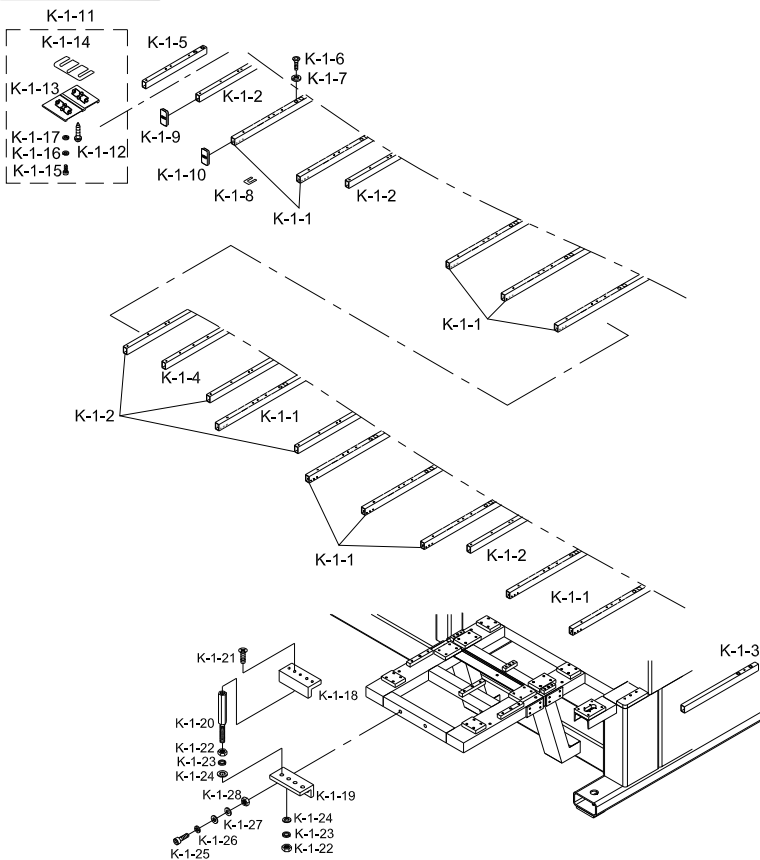
Note

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Work Table



K-1

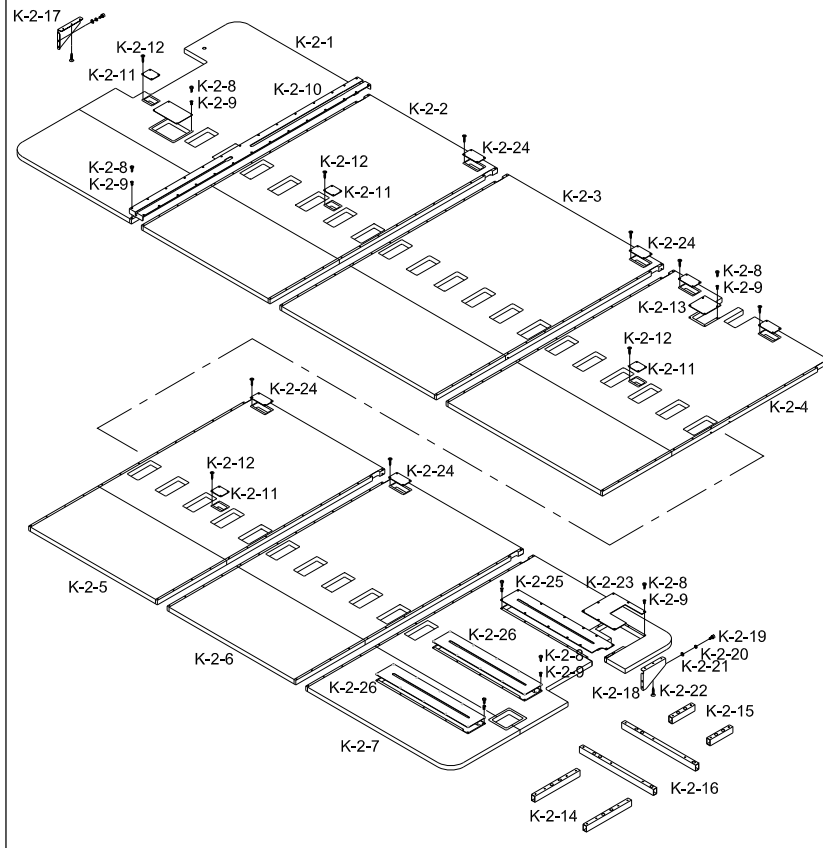


Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
K-1-1	GP-029859-00	Table Support "A" (L=1834)	May.02.07	X		12	
	GP-029859-01	Table Support "A" (L=1834)	Jun.12.07	△		12	
	GP-029859-02	Table Support "A" (L=1834)	Jul.04.07	△		12	
K-1-2	GP-029860-00	Table Support "B" (L=1649.5)	May.02.07	X		6	
	GP-029860-01	Table Support "B" (L=1649.5)	Jun.12.07	△		6	
	GP-029860-02	Table Support "B" (L=1649.5)	Jul.04.07	△		6	
K-1-3	GP-032249-00	Table Support "J" (L=606)	Jul.04.07	X		1	
K-1-4	GP-032248-00	Table Support "B" (L=1164.5)	Jul.04.07	X		1	
K-1-5	GP-018557-00	Table Support "H" (L=501)	Jun.26.06	X		1	
K-1-6	16009SC-4113	Hex. Socket Screw (M10*L25)			○	110	
K-1-7	01008SW-9115	Spring Washer (@10)			○	110	
K-1-8	16015PR-A001	Table Spacer (T=2.0)				240	
K-1-9	GP-011803-00	Table Support End Cap	Sep.09.05	X		34	
K-1-10	16005RB-A001	Table Support End Cap				4	
K-1-11	06000010B000	Table Connecting Plate (Set)				20	
K-1-12	16010SC-8330	Tapping Screw (M6*L25)			○	160	
K-1-13	GP-027472-00	TABLE CONNECTING PLATE "C"	Mar.08.07	X		24	
K-1-14	06001200B000	TABLE SPACE PLATE "C"				48	
K-1-15	02087SC-4329	Hex. Socket Screw(M5*L10)			○	160	
K-1-16	18048SW-3115	Spring Washer (@5)			○	160	
K-1-17	18049SW-3111	Washer (@5)			○	160	
K-1-18	16016CW-A001	Table Support Bracket "A" (50*560)				1	
K-1-19	16015CW-A001	Table Support (G) (40*L200)				1	
K-1-20	16021CW-A001	Stud Bolt				2	
K-1-21	06020MC-8119	Plus SCREW (M6*L20)			○	2	
K-1-22	04032SN-A001	Hex. Nut (M8)			○	4	
K-1-23	15095SW-3115	Spring Washer (@8)			○	2	
K-1-24	04029SW-A001	Stud Bolt Washer (@8)			○	4	
K-1-25	08091SC-7113	Hex. Socket Bolt (M6*L20)			○	2	
K-1-26	16014SW-4115	Spring Washer (@6)			○	2	
K-1-27	08057SW-1111	Washer (@6)			○	4	
K-1-28	13042SN-1111	Hex. Nut (M6*T5-R)			○	2	

K

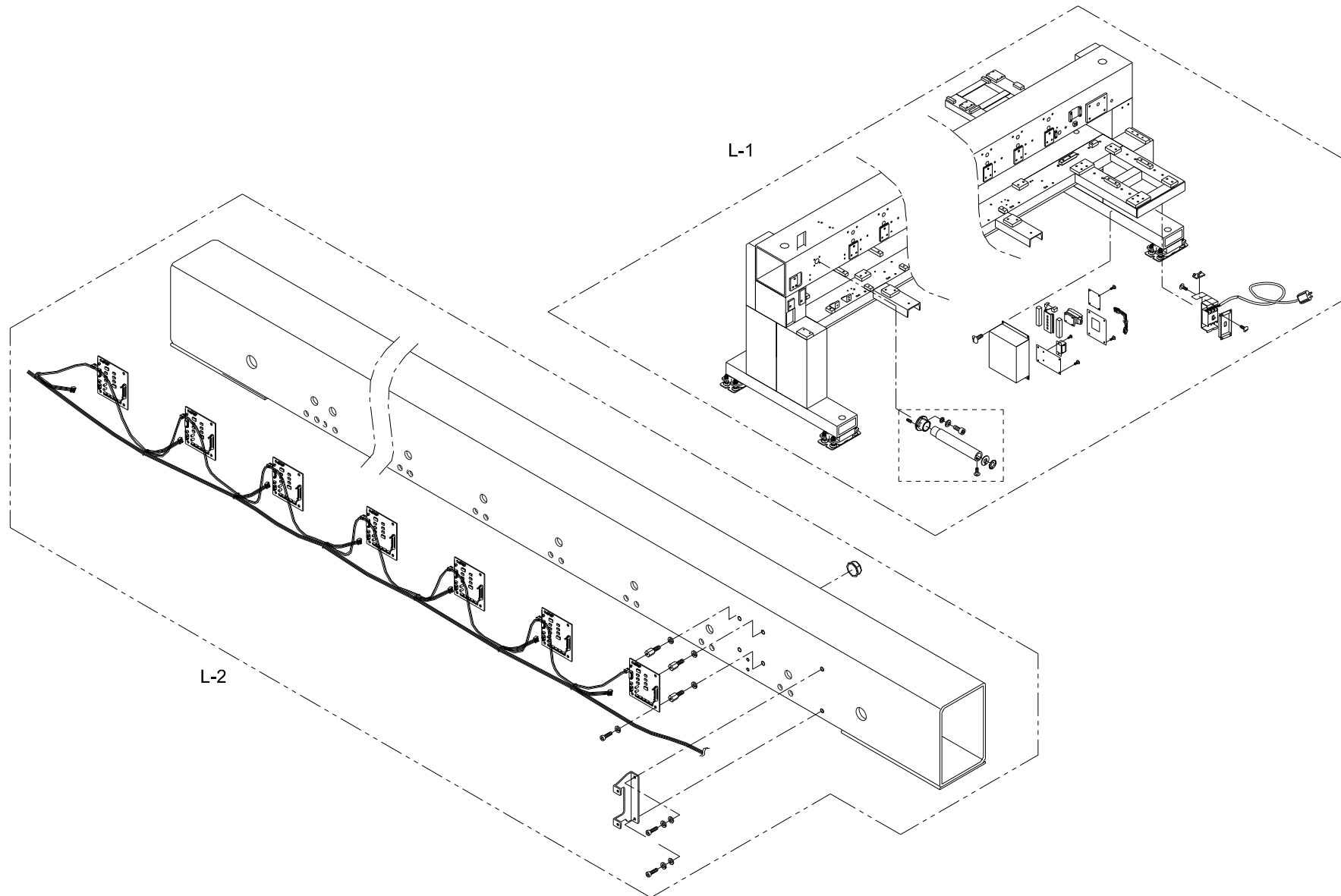
K-2



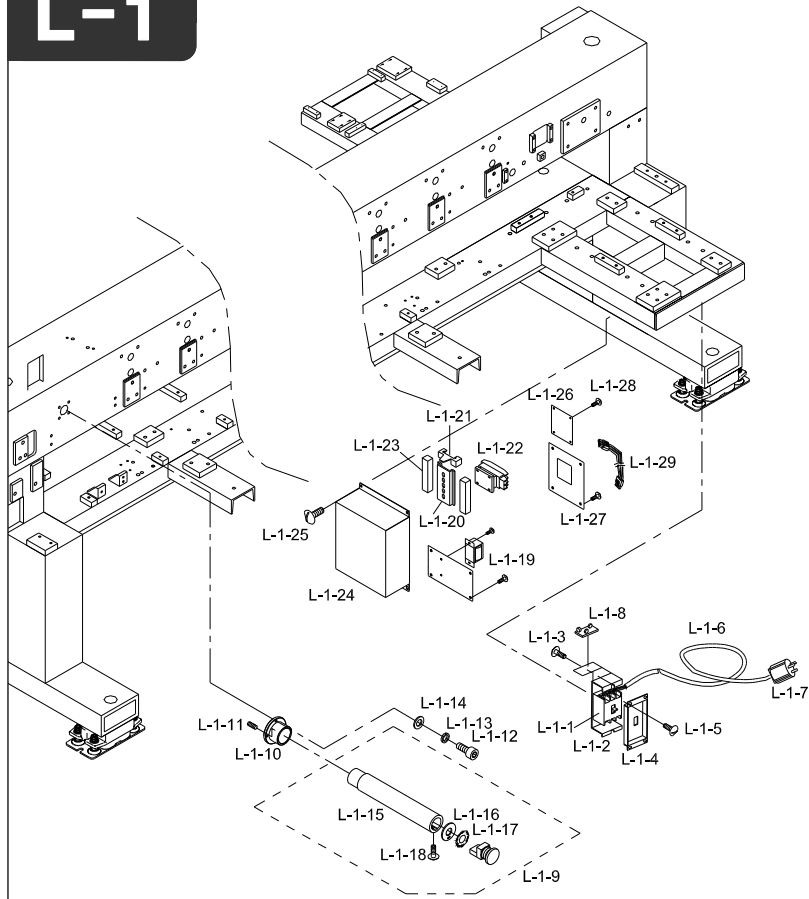
Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
K-2-1	GP-029851-00	Table "A"	May.02.07	X		1	
	GP-029851-01	Table "A"	Jun.21.07	△		1	
K-2-2	GP-029852-00	Table "B"	May.02.07	X		1	
K-2-3	GP-029854-00	Table "C"	May.02.07	X		1	
K-2-4	GP-029855-00	Table "D"	May.02.07	X		1	
K-2-5	GP-029856-00	Table "E"	May.02.07	X		1	
K-2-6	GP-029857-00	Table "F"	May.02.07	X		1	
K-2-7	GP-029858-00	Table "G"	May.02.07	X		1	
	GP-029858-01	Table "G"	Jun.21.07	△		1	
K-2-8	SC-000236-00	Screw M4*L10	Aug.26.04	X	○	168	
K-2-9	SN-000164-00	Table Insert Nut	Aug.17.07	X		168	
	SN-000164-01	Table Insert Nut	Mar.06.08	△		168	
K-2-10	GP-029861-00	Table Connecting Cover	May.02.07	X		6	
	GP-029861-01	Table Connecting Cover	Jul.04.07	△		6	
K-2-11	08001310H000	Low Shaft Coupling Cover A				4	
K-2-12	08010SC-8329	Tapping Screw (M3*L16)			○		
K-2-13	GP-006540-00	Y-Coupling Cover	Aec.21.04	X		1	
K-2-14	GP-018538-00	Table Support "H" (L=390)	Jun.26.06	X		2	
K-2-15	GP-018544-00	Table Support "E" (L=196.5)	Jun.26.06	X		2	
K-2-16	GP-023018-00	Table Support "E" (L=640)	Nov.07.06	X		2	
K-2-17	01001100I004	Table Support (Rear_L)				1	
K-2-18	01001200I004	Table Support (Rear_R)				1	
K-2-19	18047SC-7113	Hex.Socket Bolt (M5*L15)			○	4	
K-2-20	18048SW-3115	Spring Washer (@5)			○	4	
K-2-21	16018SW-1111	Washer (@5)			○	4	
K-2-22	16010SC-8330	Tapping Screw (M6*L25)			○		
K-2-23	GP-028492-00	X-Motor Coupling Cover	Mar.31.07	X		1	
K-2-24	GP-017156-00	Y-Coupling Cover	Apr.14.06	X		6	
K-2-25	GP-029862-00	X-LM Guide Cover "C"	May.02.07	X		1	
	GP-029862-01	X-LM Guide Cover "C"	Jul.26.07	△		1	
K-2-26	GP-023618-00	X- LM Guide Cover A	Nov.24.06	X		2	
	GP-023618-01	X- LM Guide Cover A	Jan.25.07	△		2	

Cable



L-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
L-1-1	24029ET-A001	Main Power S/W				1	
L-1-2	GP-015700-00	Main Power S/W Bracket	Feb.23.06	X		1	
L-1-3	02038SC-9131	Plus Screw (M5*L10)				2	
L-1-4	09000600B000	ON/OFF S/W BOX COVER				1	
L-1-5	02044SC-3123	Truss Screw (M5*L8)				4	
L-1-6	MH-01	MAIN POWER PLUG TO NFB INPUT				1	
L-1-7	24032ET-A001	Power Plug(3P)				1	
L-1-8	BD-000168-00	SURGE PROTECTOR	Jan.20.05	X		1	
	BD-000168-01	SURGE PROTECTOR	Apr.19.05	△		1	
	BD-000168-02	SURGE PROTECTOR	Jun.05.08	△		1	
L-1-9		Emergency Switch Ass'y				1	
L-1-10	09000400B000	Guide Bush (A)				1	
L-1-11	04014SC-4517	Hex. Socket Set Screw (M5*L6)				4	
L-1-12	08091SC-7113	Hex. Socket Bolt (M6*L20)				4	
L-1-13	03026SW-9115	Spring Washer (@6)				4	
L-1-14	08057SW-1111	Washer (@6)				4	
L-1-15	GP-009902-00	Emergency Switch Holder(A) [L-268]	Jun.02.05	X		1	
L-1-16	09000500B000	Emergency Switch Plate				1	
L-1-17	-	Emergency Switch Sticker				1	
L-1-18	02023SC-7113	Truss Screw (M4*L8)				1	
L-1-19	05000210T000	TRANSFORMER (EMT25V) 1A/25.5V				1	
L-1-20	02000910T000	MAGNETIC S/W FIXED BRACKET				1	
L-1-21	02001300T000	BRACKET STOPPER (CE)				2	
L-1-22	02000100T000	MAGNETIC SWITCH SET				1	
L-1-23	09001400BT00	CEMENT RESISTANCE (4.7/20W)				2	
L-1-24	GP-021698-00	Noise Filter Box	Sep.20.06	X		1	
L-1-25	02044SC-3123	Truss Screw(M5*L10)			○	8	
L-1-26	BD-000256-00	Shunt Board	Aug.29.05	X		1	
	BD-000256-01	Shunt Board	Sep.15.05	△		1	
	BD-000256-02	Shunt Board	Sep.28.05	△		1	
	BD-000256-03	Shunt Board	Oct.28.05	△		1	
	BD-000256-04	Shunt Board	Feb.27.06	△		1	
	BD-000256-05	Shunt Board	Apr.26.06	△		1	
	BD-000256-06	Shunt Board	Mar.10.07	△		1	
	BD-000256-07	Shunt Board	Nov.19.08	△		1	
L-1-27	BD-000304-00	MS Top Board	Jun.14.06	X		1	
	BD-000304-01	MS Top Board	Sep.11.08	△		1	

L-1

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

- L-1-1** through **L-1-29**: Various structural and mounting components, including brackets, plates, and a large rectangular unit.
- L-1-30** through **L-1-39**: Fasteners, including screws, bolts, and nuts.
- L-1-40** through **L-1-49**: Electrical components, including a power supply unit, a control unit, and various cables and connectors.

The diagram shows the assembly sequence for the L-1 system, with components being added to the main structure in a specific order. The components are shown in their relative positions, with dashed lines indicating the assembly path.

Note

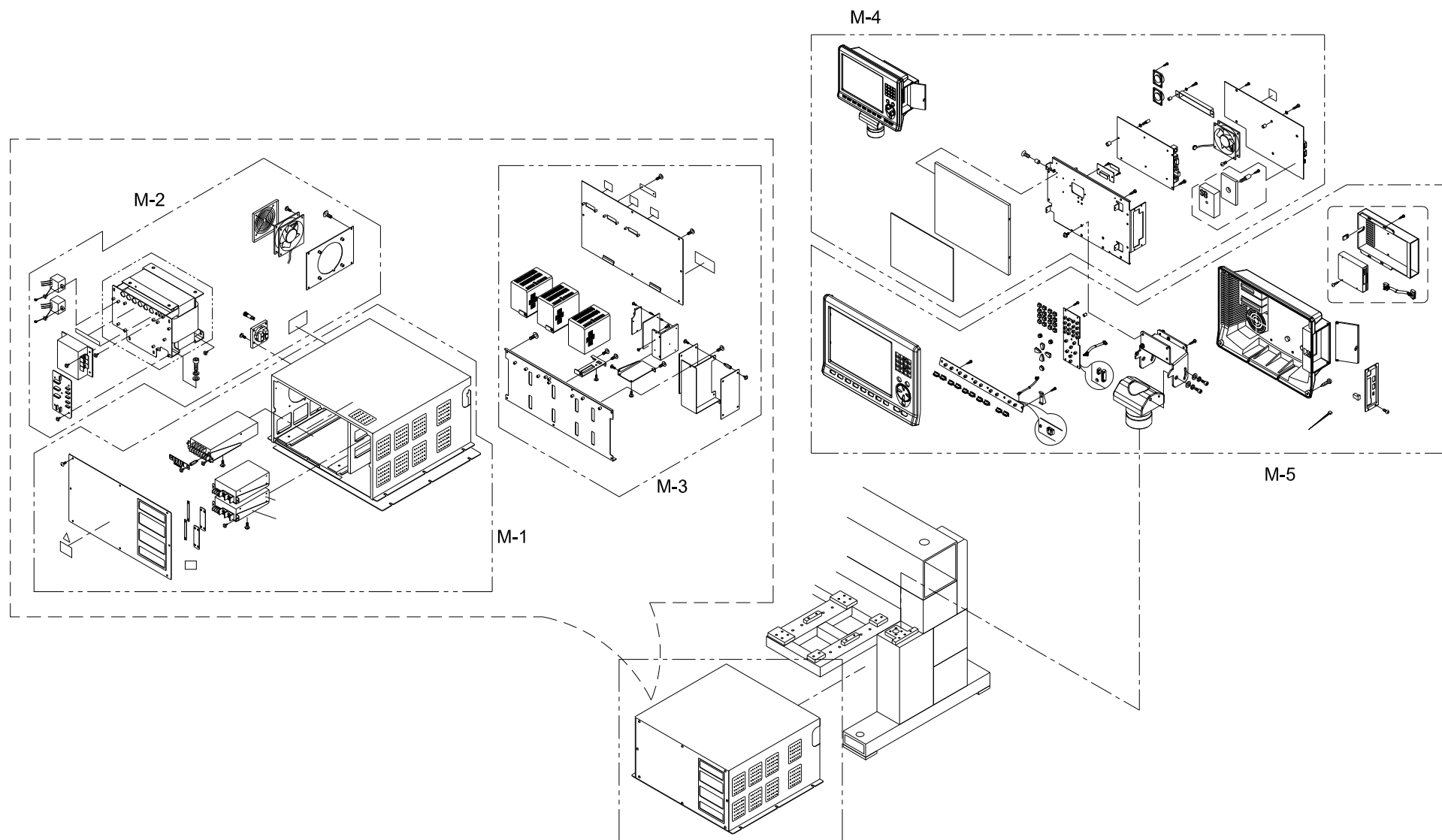


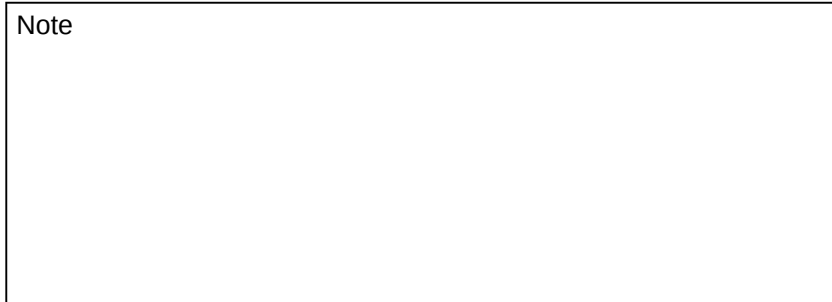
Diagram illustrating the Thread Sensing Cable assembly. The cable runs from the Control Box (left) towards the right. Key components and connections shown include:

- Thread Sensing CAN Signal Cable** and **Thread Sensing Power Cable** entering from the Control Box.
- L-2-1** (Thread Sensing CAN Signal Cable connector).
- L-2-2** (Thread Sensing Power Cable connector).
- L-2-3** (Thread Sensing CAN Signal Cable connector).
- L-2-4** (Thread Sensing Power Cable connector).
- L-2-5** (Thread Sensing CAN Signal Cable connector).
- L-2-6** (Thread Sensing Power Cable connector).
- L-2-7** (Thread Sensing CAN Signal Cable connector).
- L-2-8** (Thread Sensing Power Cable connector).
- L-2-9** (Thread Sensing CAN Signal Cable connector).
- L-2-10** (Thread Sensing Power Cable connector).

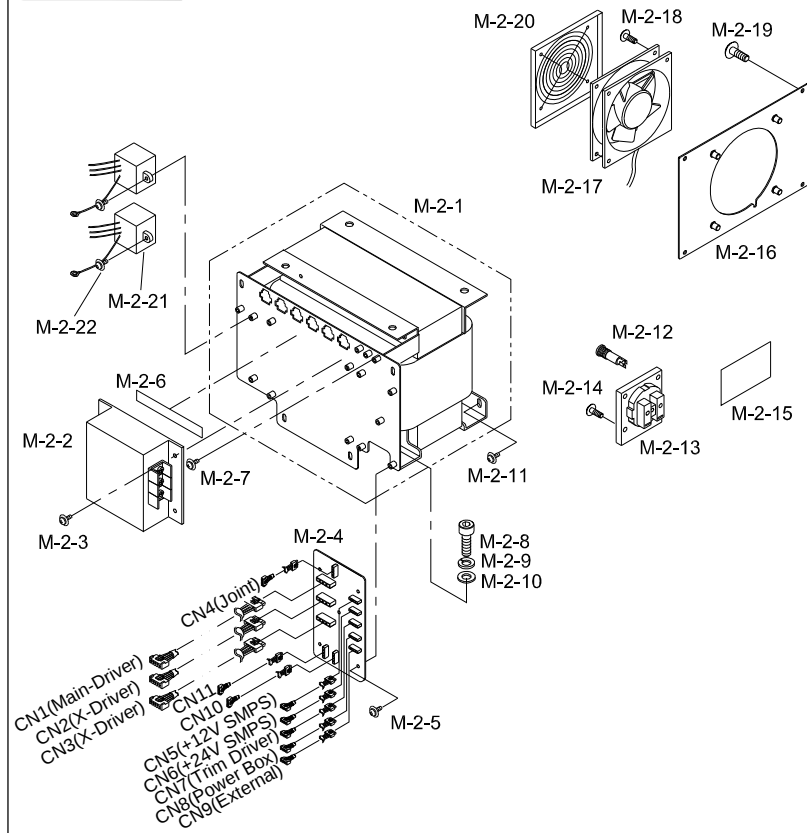


Con Box & OP Box



80

M-2



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
M-2-1	AS-004284-00	Transformer Ass'y(Set)	Mar.13.06	X		1	
	AS-004284-01	Transformer Ass'y(Set)	Jun.16.06	△		1	
	EP-000046-00	Transformer	Aug.16.05	X		1	
	EP-000046-01	Transformer	Feb.06.06	△		1	
	GP-009448-00	Fixing Bracket for Core(A)	May.13.05	X		1	
	GP-009450-00	Fixing Bracket for Core(B)	May.13.05	X		1	
	GP-013747-00	Fixing Bracket for Core(C)	Dec.14.05	X		1	
	GP-013747-01	Fixing Bracket for Core(C)	Jun.16.06	△		1	
	GP-010149-00	Fixing Bracket for Core(D)	Jun.18.05	X		1	
	GP-009451-00	Fixing Bracket for Connect Plate	May.13.05	X		1	
	GP-009454-00	Copper Plate for SMPS(A)	May.13.05	X		2	
	GP-009453-00	Copper Plate for SMPS(B)	May.13.05	X		2	
	GP-013748-00	Connect Plate	Dec.14.05	X		1	
	07-004S-SM5S	Fixing Screw for Connect Plate(Set)			○	4	
M-2-2	EP-000047-00	Noise Filter	Aug.16.05	X		1	
M-2-3	07-004S-SM5S	Fixing Screw Noise Filter(Set)			○	4	
M-2-4	BD-000365-00	Connect Board	Feb.03.06	X		1	
	BD-000365-01	Connect Board	Jul.04.06	△		1	
M-2-5	07-004S-SM5S	Fixing Screw For Connect Board(Set)			○	4	
M-2-6	GP-015970-00	Input voltage Sticker	Feb.28.06	X		1	
M-2-7	07-004S-SM5S	Ground Screw for Connect Plate(Set)				4	
M-2-8	10-016M-SW66	Fixing Screw for Transformer A			○	2	
M-2-9	10-003S-SW66	Spring Washer				2	
M-2-10	10-004S-SW66	Washer				2	
M-2-11	SC-000393-00	Fixing Screw for Transformer B	Jul.19.05	X	○	2	
M-2-12	EP-000049-00	Fuse Holder	Aug.16.05	X		1	
M-2-13	EP-000050-00	External Concept	Aug.16.05	X		1	
	EP-000050-01	External Concept	Jun.21.07	△		1	
M-2-14	10-072S-SW70	Fixing Screw for External Concept			○	1	
M-2-15	01-004S-BT01	Fan Cleaning Sticker				1	
M-2-16	GP-009431-00	Side Cover	May.13.05	X		1	
	GP-009431-01	Side Cover	Sep.30.05	△		1	
M-2-17	EP-000048-00	Fan	Aug.16.05	X		1	
M-2-18	01-002M-AU12	Fixing Screw for Fan			○	4	
M-2-19	10-003M-PT01	Fixing Screw for Side Cover(Truss)			○	4	
M-2-20	01-002B-AU12	FAN Cover				1	
M-2-21	BD-000168-00	Surge Protector	Jan.20.05	X		2	

This exploded view diagram illustrates the components of the M-2000 1U rack-mountable chassis and their assembly locations. The components are labeled as follows:

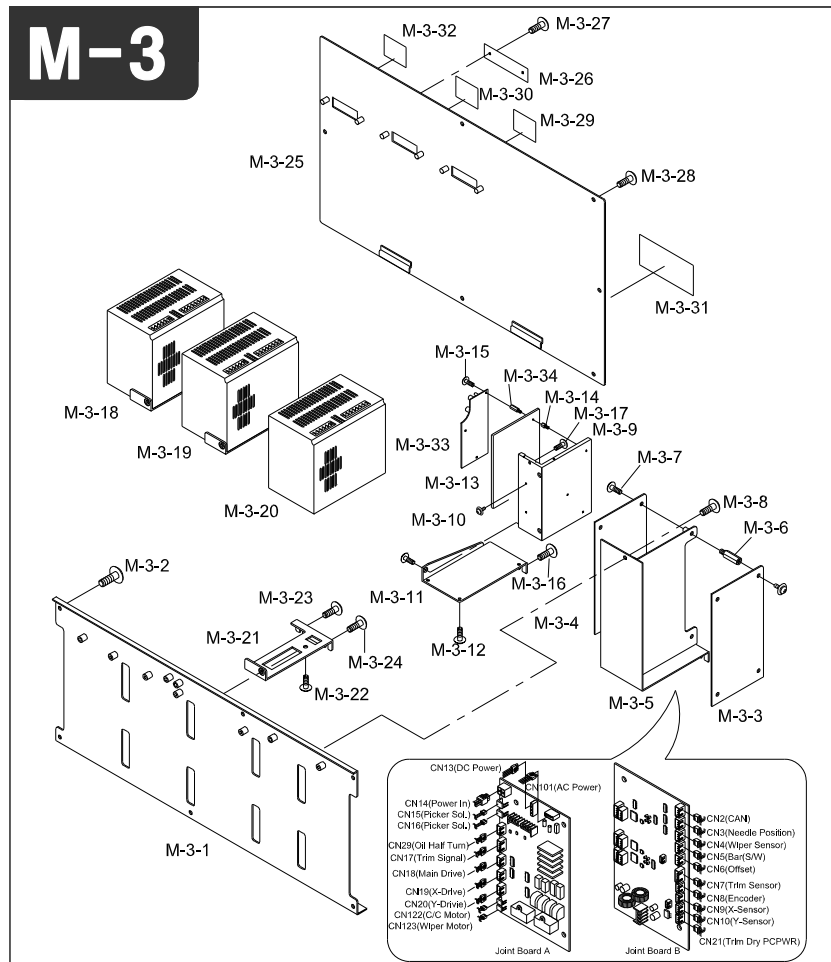
- M-2-1**: Main chassis unit.
- M-2-2**: Front panel.
- M-2-3**: Front panel mounting screw.
- M-2-4**: I/O panel.
- M-2-5**: I/O panel mounting screw.
- M-2-6**: Side panel.
- M-2-7**: Side panel mounting screw.
- M-2-8**: Top panel mounting screw.
- M-2-9**: Top panel mounting screw.
- M-2-10**: Top panel mounting screw.
- M-2-11**: Bottom panel mounting screw.
- M-2-12**: Fan mounting bracket.
- M-2-13**: Fan mounting screw.
- M-2-14**: Fan mounting screw.
- M-2-15**: Fan mounting plate.
- M-2-16**: Fan mounting plate.
- M-2-17**: Fan mounting plate.
- M-2-18**: Fan mounting screw.
- M-2-19**: Fan mounting screw.
- M-2-20**: Fan.
- M-2-21**: Fan mounting screw.
- M-2-22**: Fan mounting screw.

The diagram also shows the following connectors and components:

- CN1 (Main-Drive)**
- CN2 (X-Driver)**
- CN3 (X-Driver)**
- CN4 (Joint)**
- CN10**
- CN5 (+12V SMPS)**
- CN6 (+24V SMPS)**
- CN7 (Trim Driver)**
- CN8 (Power Box)**
- CN9 (External)**



M-3



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
M-3-1	GP-009445-00	Driver Fixing Plate	Dec.21.04	X		1	
	GP-009445-01	Driver Fixing Plate	Dec.01.05	△		1	
M-3-2	07-004S-SM5S	Fixing Screw for Driver Fixing Plate(Set)			○	6	
M-3-3	BD-000301-00	Joint Board(A)	Nov.23.05	X		1	
	BD-000301-01	Joint Board(A)	Jun.26.06	△		1	
	BD-000301-02	Joint Board(A)	Aug.16.06	△		1	
	BD-000301-03	Joint Board(A)	Oct.19.06	△		1	
	BD-000301-04	Joint Board(A)	Apr.16.07	△		1	
	BD-000301-05	Joint Board(A)	May.23.07	△		1	
	BD-000301-06	Joint Board(A)	Jul.20.07	△		1	
	BD-000301-07	Joint Board(A)	Jan.08.08	△		1	
	BD-000301-08	Joint Board(A)	May.20.08	△		1	
	BD-000301-09	Joint Board(A)	Jul.16.08	△		1	
	BD-000301-10	Joint Board(A)	Aug.26.08	△		1	
M-3-4	BD-000301-00	Joint Board(B)	Nov.23.05	X		1	
	BD-000301-01	Joint Board(B)	Jun.26.06	△		1	
	BD-000301-02	Joint Board(B)	Aug.16.06	△		1	
	BD-000301-03	Joint Board(B)	Oct.19.06	△		1	
	BD-000301-04	Joint Board(B)	Apr.16.07	△		1	
	BD-000301-05	Joint Board(B)	May.23.07	△		1	
	BD-000301-06	Joint Board(B)	Jul.20.07	△		1	
	BD-000301-07	Joint Board(B)	Jan.08.08	△		1	
	BD-000301-08	Joint Board(B)	May.20.08	△		1	
	BD-000301-09	Joint Board(B)	Jul.16.08	△		1	
	BD-000301-10	Joint Board(B)	Aug.26.08	△		1	
M-3-5	GP-009442-00	Fixing Bracket for Joint Board	May.13.05	X	○	2	
	GP-009442-01	Fixing Bracket for Joint Board	Sep.30.05	△	○	2	
	GP-009442-02	Fixing Bracket for Joint Board	Apr.03.08	△	○	2	
M-3-6	10-012M-PT10	Stud for Joint Board				8	
M-3-7	10-021M-SW66	Fixing Screw for Joint Board(Set)			○	8	
M-3-8	07-004S-SM5S	Fixing Screw for J/B Fixing Bracket(Set)			○	1	
M-3-9	GP-012729-00	Radiator for Trimming Driver	Oct.14.05	X		1	
M-3-10	06-001C-SE50	Fixing Screw for Trimming Driver Radiator(A)			○	6	
M-3-11	GP-009433-00	Fixing Bracket for Trimming Driver	May.13.05	X	○	1	
M-3-12	10-004M-SW68	Fixing Screw for Trimming Driver Radiator(B)			○	3	
M-3-13	BD-000244-00	Trimming Driver(B)	Aug.17.05	X		1	
	BD-000244-01	Trimming Driver(B)	Oct.25.05	△		1	

M-3

Exploded view diagram of the M-3 assembly, showing various components and their assembly order. The diagram includes a main chassis (M-3-1) and a sub-chassis (M-3-3). Components are labeled with part numbers and assembly order numbers.

Assembly Order:

- M-3-1 (Main Chassis)
- M-3-2 (Screw)
- M-3-3 (Sub-Chassis)
- M-3-4 (Bracket)
- M-3-5 (Bracket)
- M-3-6 (Screw)
- M-3-8 (Screw)
- M-3-9 (Bracket)
- M-3-10 (Bracket)
- M-3-11 (Bracket)
- M-3-12 (Bracket)
- M-3-13 (Bracket)
- M-3-14 (Bracket)
- M-3-15 (Bracket)
- M-3-16 (Bracket)
- M-3-17 (Bracket)
- M-3-18 (Bracket)
- M-3-19 (Bracket)
- M-3-20 (Bracket)
- M-3-21 (Bracket)
- M-3-22 (Bracket)
- M-3-23 (Bracket)
- M-3-24 (Bracket)
- M-3-25 (Bracket)
- M-3-26 (Bracket)
- M-3-27 (Bracket)
- M-3-28 (Bracket)
- M-3-29 (Bracket)
- M-3-30 (Bracket)
- M-3-31 (Bracket)

Internal Components (Callout Box):

- CN13(DC Power)
- CN14(Power In)
- CN15(Picker Sol.)
- CN16(Picker Sol.)
- CN29(Oil Half Turn)
- CN17(Trim Signal)
- CN18(Main Drive)
- CN19(X-Drive)
- CN20(Y-Drive)
- CN122(C/C Motor)
- CN123(Wiper Motor)
- CN101(AC Power)
- CN2(CAN)
- CN3(Needle Position)
- CN4(Wiper Sensor)
- CN5(Sun/SW)
- CN6(Offset)
- CN7(Trim Sensor)
- CN8(Encoder)
- CN9(X-Sensor)
- CN10(Y-Sensor)
- CN21(Trim Dry PCPWR)

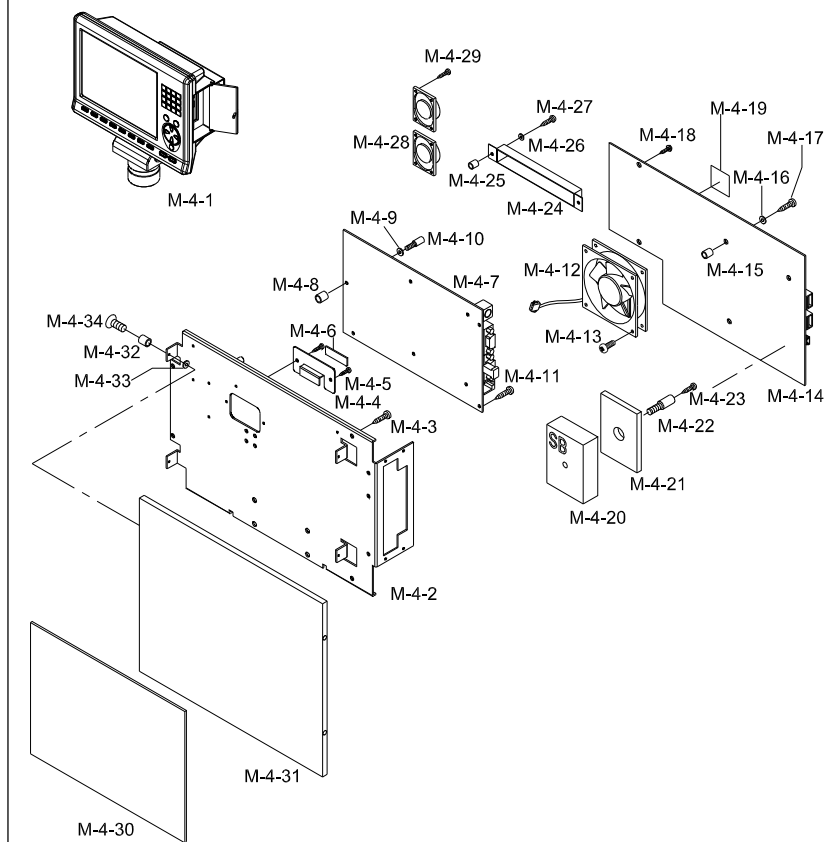
Joint Board A

Joint Board B

Note

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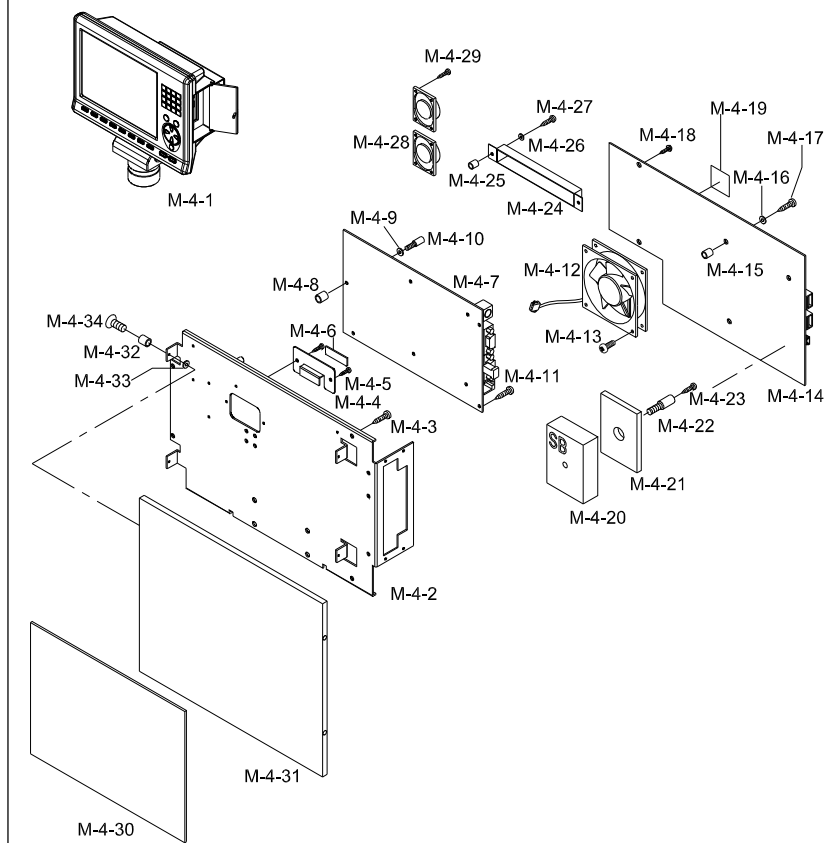
M-4



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
M-4-1		Operation Box Ass'y				1	
M-4-2	GP-014345-00	Base Plate	Jan.06.06	X		1	
	GP-014345-01	Base Plate	May.30.06	△		1	
	GP-014345-02	Base Plate	Jul.14.06	△		1	
	GP-014345-03	Base Plate	Jan.08.07	△		1	
M-4-3	SC-000460-00	Screw for Base Plate (ST4xL8)	May.08.05	X	○	4	
M-4-4	01-002B-OT10	Pressing Plate for LCD				1	
M-4-5	20-002B-SW70	Connecting Pressing Plate Sponge				2	
M-4-6	10-028S-SC53	Screw for Pressing Plate (M3xL7)				2	
M-4-7	BD-000426-00	CPU Board	Jun.22.06	X		1	
	BD-000426-01	CPU Board	Jun.27.06	△		1	
	BD-000426-02	CPU Board	Jul.24.06	△		1	
	BD-000426-03	CPU Board	Aug.30.06	△		1	
	BD-000426-04	CPU Board	Sep.13.06	△		1	
	BD-000426-05	CPU Board	Dec.04.06	△		1	
	BD-000426-06	CPU Board	Mar.08.07	△		1	
	BD-000426-07	CPU Board	May.28.07	△		1	
	BD-000426-08	CPU Board	Nov.30.07	△		1	
M-4-8	GP-014361-00	Insulation Bush(A)	Jan.06.06	X		6	
	GP-014361-01	Insulation Bush(A)	Jan.31.07	△		6	
M-4-9	GP-014362-00	Insulation Bush(B)	Jan.06.06	X		6	
	GP-014362-01	Insulation Bush(B)	Jan.31.07	△		6	
M-4-10	GP-014341-00	CPU Board Fixing Stud (M3xL27.5)	Jan.06.06	X		4	
	GP-014341-01	CPU Board Fixing Stud (M3xL27.5)	May.30.06	△		4	
	GP-014341-02	CPU Board Fixing Stud (M3xL27.5)	Jul.14.06	△		4	
	GP-014341-03	CPU Board Fixing Stud (M3xL27.5)	Nov.30.06	△		4	
M-4-11	07-005S-SM5S	CPU Board Screw (SET) (M3xL10)			○	2	
M-4-12	EP-000030-00	FAN	Jul.15.05	X		1	
M-4-13	SC-000392-00	FAN Fixing Screw (M4xL30)	Jul.18.05	X	○	3	
M-4-14	BD-000364-00	IO Board	Feb.03.06	X		1	
	BD-000364-01	IO Board	Jul.11.06	△			
	BD-000364-02	IO Board	Sep.13.06	△			
	BD-000364-03	IO Board	Nov.27.06	△			
	BD-000364-04	IO Board	Dec.07.06	△			
	BD-000364-05	IO Board	Feb.12.07	△			
	BD-000364-06	IO Board	Mar.26.07	△			
	BD-000364-07	IO Board	Jan.08.08	△			

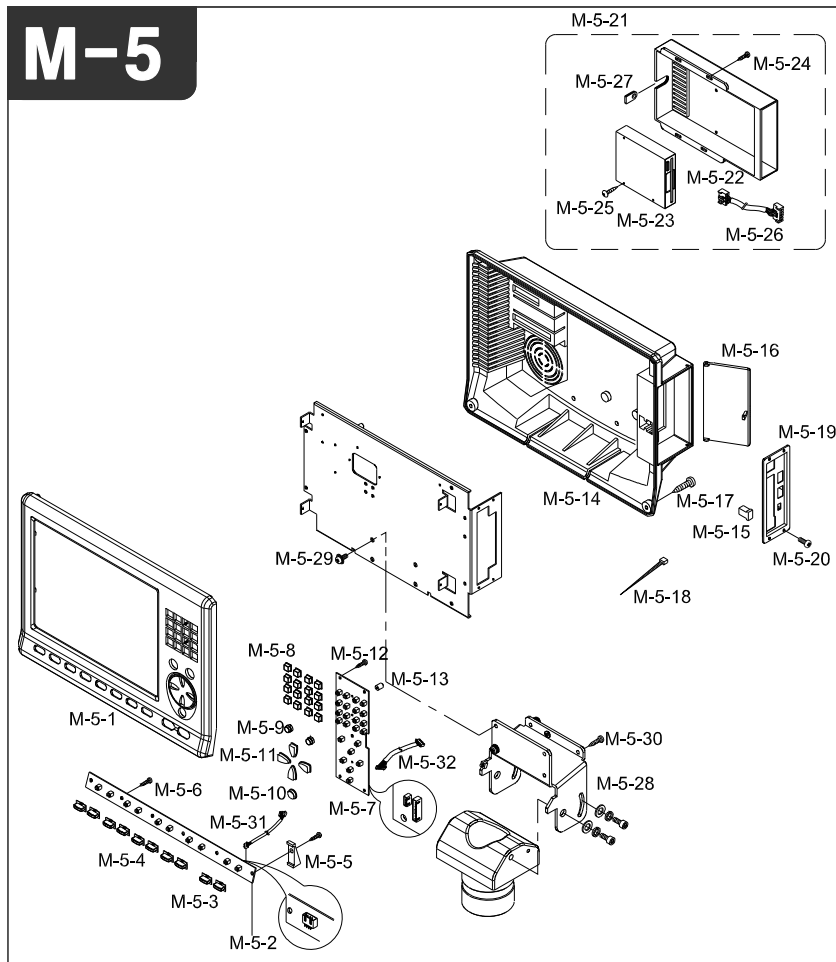
M-4



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
M-4-14	BD-000364-08	IO Board	Feb.25.08	△		1	
	BD-000364-09	IO Board	May.26.08	△		1	
	BD-000364-10	IO Board	Jul.18.08	△		1	
	BD-000364-11	IO Board	Jan.06.09	△		1	
	BD-000364-11	IO Board	Apr.21.09	△		1	
M-4-15	GP-014361-00	Insulation Bush(A)	Jan.06.06	X		6	
	GP-014361-01	Insulation Bush(A)	Jan.31.07	△		6	
M-4-16	GP-014362-00	Insulation Bush(B)	Jan.06.06	X		4	
	GP-014362-01	Insulation Bush(B)	Jan.31.07	△		4	
M-4-17	07-005S-SM5S	IO Board Fixing Screw (SET) (M3xL10)				4	
M-4-18	10-002S-SW66	IO Board Screw (SET) (M3xL8)				2	
M-4-19	09-023C-SC53	QC Passed Sticker				1	
M-4-20	GP-017235-00	SB DDC Radiator	Apr.19.06	X		1	
M-4-21	GP-017239-00	SB DDC Radiator Sheet (t=3)	Apr.19.06	X		1	
	GP-017239-01	SB DDC Radiator Sheet (t=3)	Jun.01.06	△		1	
	GP-017239-02	SB DDC Radiator Sheet (t=3)	Jun.09.06	△			
M-4-22	GP-010656-00	Fixing Stud for SB DDC Radiator	Jul.18.05	X		1	
M-4-23	10-028S-SC53	Fixing Screw for SB DDC Radiator(SET) (M3xL7)			○	1	
M-4-24	22027EL-A001	Inverter				1	
M-4-25	10-001C-AT10	Insulation Bush(A)				2	
M-4-26	01-102B-OT10	Insulation Bush(B)				2	
M-4-27	10-028S-SC53	Inverter Fixing Plate (M3xL7)				2	
M-4-28	01-016A-DU33	Speaker				2	
M-4-29	10-028S-SC53	Speaker Fixing Screw (M3xL7)				4	
M-4-30	GP-014350-00	LCD Cover	Jan.06.06	X		1	
	GP-014350-01	LCD Cover	May.30.06	△		1	
	GP-014350-02	LCD Cover	Jun.21.06	△		1	
	GP-014350-03	LCD Cover	Feb.13.07	△		1	
M-4-31	20-006A-SW70	LCD				1	
M-4-32	GP-019021-00	Insulation Bush(A)	Jul.13.06	X		4	
M-4-33	GP-019022-00	Insulation Bush(B)	Jul.13.06	X		4	
M-4-34	SC-000629-00	Screw for LCD (M2xL8)	Aug.28.06	X	○	4	

M-5



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
M-5-1	GP-014348-00	Front Cover	Jan.06.06	X		1	
	GP-014348-01	Front Cover	Aug.03.06	△		1	
	GP-014348-02	Front Cover	Aug.28.06	△		1	
	GP-014348-03	Front Cover	Jan.08.07	△		1	
	GP-014348-04	Front Cover	Sep.27.07	△		1	
	GP-014348-05	Front Cover	Oct.25.07	△		1	
M-5-2	BD-000347-00	F-KEY Board	Dec.31.05	X		1	
	BD-000347-01	F-KEY Board	Aug.28.06	△		1	
	BD-000347-02	F-KEY Board	Oct.11.06	△		1	
	BD-000347-03	F-KEY Board	Jan.07.07	△		1	
	BD-000347-04	F-KEY Board	May.26.08	△		1	
M-5-3	GP-014360-00	Button (START,STOP Key)	Jan.06.06	X		2	
	GP-014360-01	Button (START,STOP Key)	Aug.28.06	△		2	
	GP-014360-02	Button (START,STOP Key)	Dec.15.06	△		2	
M-5-4	GP-015068-00	Button (F Key)	Feb.08.06	X		8	
	GP-015068-01	Button (F Key)	Aug.28.06	△		8	
	GP-015068-02	Button (F Key)	Nov.08.06	△		8	
M-5-5	GP-015067-00	Angle Bushing	Feb.08.06	X		6	
	GP-015067-01	Angle Bushing	Aug.28.06	△		6	
M-5-6	SC-000747-00	F-KEY Board Screw (ST2.9xL12)	Dec.12.06	X		6	
M-5-7	BD-000346-00	C-KEY Board	Dec.31.05	X		1	
	BD-000346-01	C-KEY Board	Jul.11.06	△		1	
	BD-000346-02	C-KEY Board	Oct.19.06	△		1	
	BD-000346-03	C-KEY Board	Jan.07.07	△		1	
	BD-000346-04	C-KEY Board	May.26.08	△		1	
M-5-8	GP-014356-00	Button (Number Key)	Jan.06.06	X		16	
	GP-014356-01	Button (Number Key)	Dec.15.06	△		16	
M-5-9	GP-014357-00	Button (DOWN,UP Key)	Jan.06.06	X		2	
	GP-014357-00	Button (DOWN,UP Key)	Dec.15.06	X		2	
M-5-10	GP-014359-00	Button (F-Speed Key)	Jan.06.06	X		1	
	GP-014359-01	Button (F-Speed Key)	Dec.15.06	△		1	
M-5-11	GP-015069-00	Button (방향키)	Feb.08.06	X		4	
M-5-12	SC-000459-00	C-KEY Board Screw (ST2.9xL8)	Dec.08.05	X		5	
M-5-13	GP-014364-00	Insulation Pusher	Jan0.06.06	X		3	
M-5-14	GP-014349-00	Rear Cover	Jan.06.06	X		1	
	GP-014349-01	Rear Cover	Feb.14.07	△		1	
	GP-014349-02	Rear Cover	Apr.20.07	△		1	

M-5

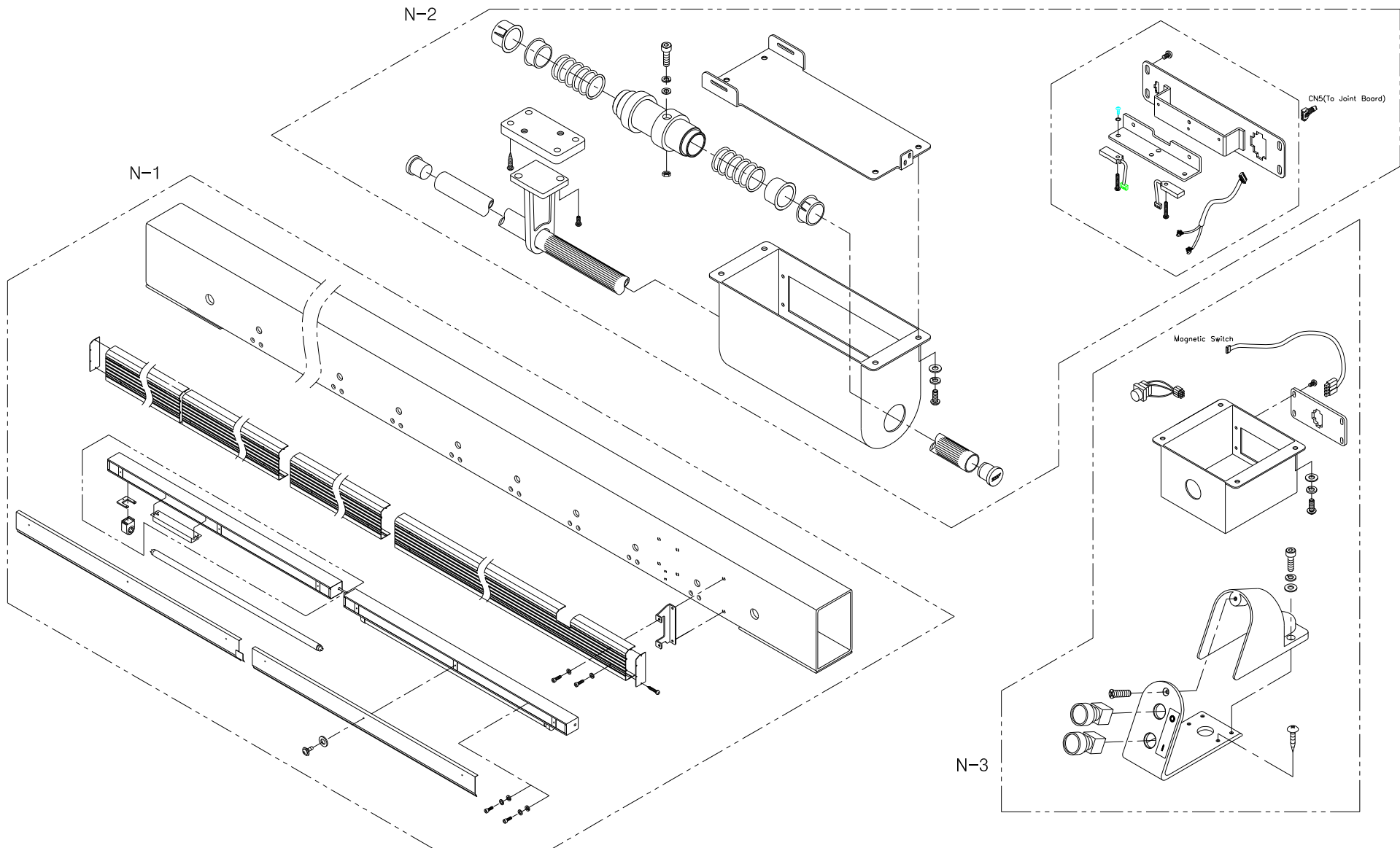
This exploded view diagram illustrates the assembly of the M-5 car stereo unit. The components are labeled as follows:

- M-5-1**: The main stereo unit with a cassette slot and a digital display.
- M-5-2**: A small rectangular component, likely a fuse or relay, shown in a circular inset.
- M-5-3**: A long, thin component, possibly a fuse holder or a wiring harness.
- M-5-4**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-5**: A small component, possibly a fuse or a relay.
- M-5-6**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-7**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-8**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-9**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-10**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-11**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-12**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-13**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-14**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-15**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-16**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-17**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-18**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-19**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-20**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-21**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-22**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-23**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-24**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-25**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-26**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-27**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-28**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-29**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-30**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-31**: A component with multiple pins, likely a connector or a fuse holder.
- M-5-32**: A component with multiple pins, likely a connector or a fuse holder.

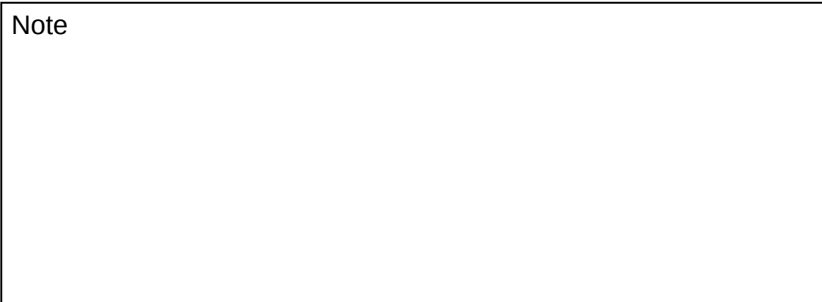
Note



Lamp & Switch



N

[illegible]

N-2

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

- Top Assembly:** Components N-2-21, N-2-22, N-2-20, N-2-23, and N-2-24 are shown being assembled onto the main body. N-2-26 and N-2-25 are also part of this section. A cable N-2-27 is connected to the assembly. A note indicates "CN5 (To Joint Board)" for component N-2-28.
- Front Panel Assembly:** Components N-2-8, N-2-7, N-2-6, N-2-5, N-2-12, N-2-11, N-2-10, and N-2-9 are shown being assembled onto the front panel N-2-19.
- Internal Assembly:** Components N-2-17, N-2-18, N-2-15, N-2-16, and N-2-13 are shown being assembled onto the internal frame N-2-1.
- Bottom Assembly:** Components N-2-4, N-2-3, and N-2-2 are shown being assembled onto the bottom of the unit. A cable N-2-14 is also shown.

Note	
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N-3

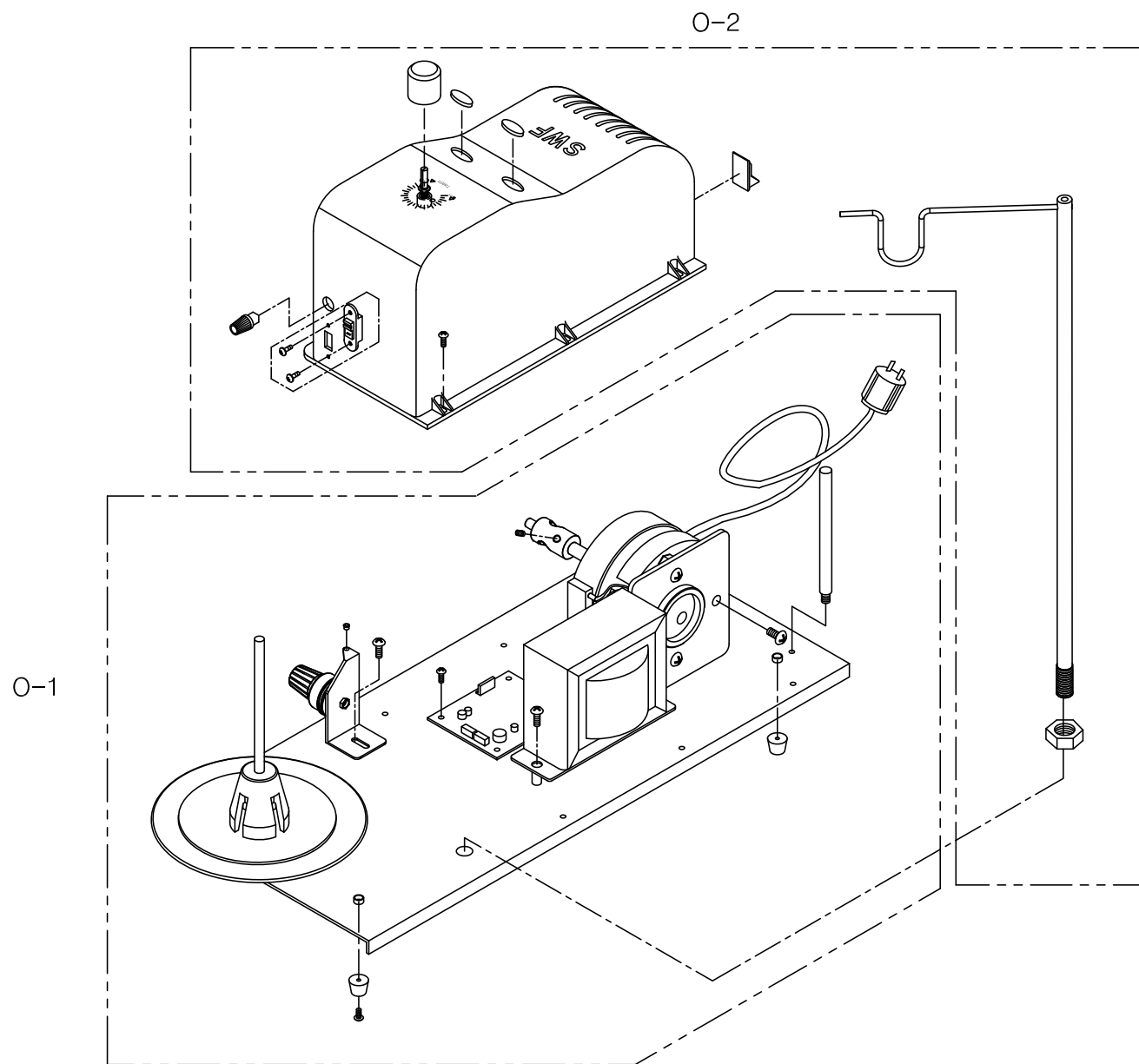
The diagram illustrates the assembly of the N-3 unit. The main components and their assembly sequence are as follows:

- N-3-1**: The main rectangular housing.
- N-3-2**: A screw used to secure the front panel.
- N-3-3**: A washer used in conjunction with the screw.
- N-3-4**: A washer used in conjunction with the screw.
- N-3-5**: A front panel with a cutout for the magnetic switch.
- N-3-6**: A small component, possibly a pin or clip, used to secure the front panel.
- N-3-7**: A cable connector used to connect the magnetic switch.
- N-3-8**: A cable connector used to connect the magnetic switch.
- Magnetic Switch**: A switch that controls the unit's operation.
- N-3-9**: A cable that connects the magnetic switch to the unit.
- N-3-10**: A base plate or mounting bracket.
- N-3-11**: A screw used to secure the base plate.
- N-3-12**: A component, possibly a nut or washer, used to secure the base plate.
- N-3-13**: A component, possibly a nut or washer, used to secure the base plate.
- N-3-14**: A screw used to secure the base plate.
- N-3-15**: A component, possibly a nut or washer, used to secure the base plate.
- N-3-16**: A screw used to secure the base plate.
- N-3-17**: A component, possibly a nut or washer, used to secure the base plate.
- N-3-18**: A component, possibly a nut or washer, used to secure the base plate.

Note

[illegible]

Bobbin Winder



O-1

This diagram illustrates the assembly of a mechanical device, likely a pump or motor component. The main assembly is mounted on a base plate (O-1-1). Key components include a central motor or actuator (O-1-6) with a mounting bracket (O-1-13) and a cable (O-1-17). A control arm (O-1-2) is connected to a lever (O-1-11) and a spring (O-1-12). A circular component (O-1-4) is mounted on a base (O-1-3). Various screws (O-1-9, O-1-10, O-1-14, O-1-18, O-1-19) and washers (O-1-8) are used to secure the assembly. A cable (O-1-16) is connected to the motor (O-1-6).

Note

0

O-2

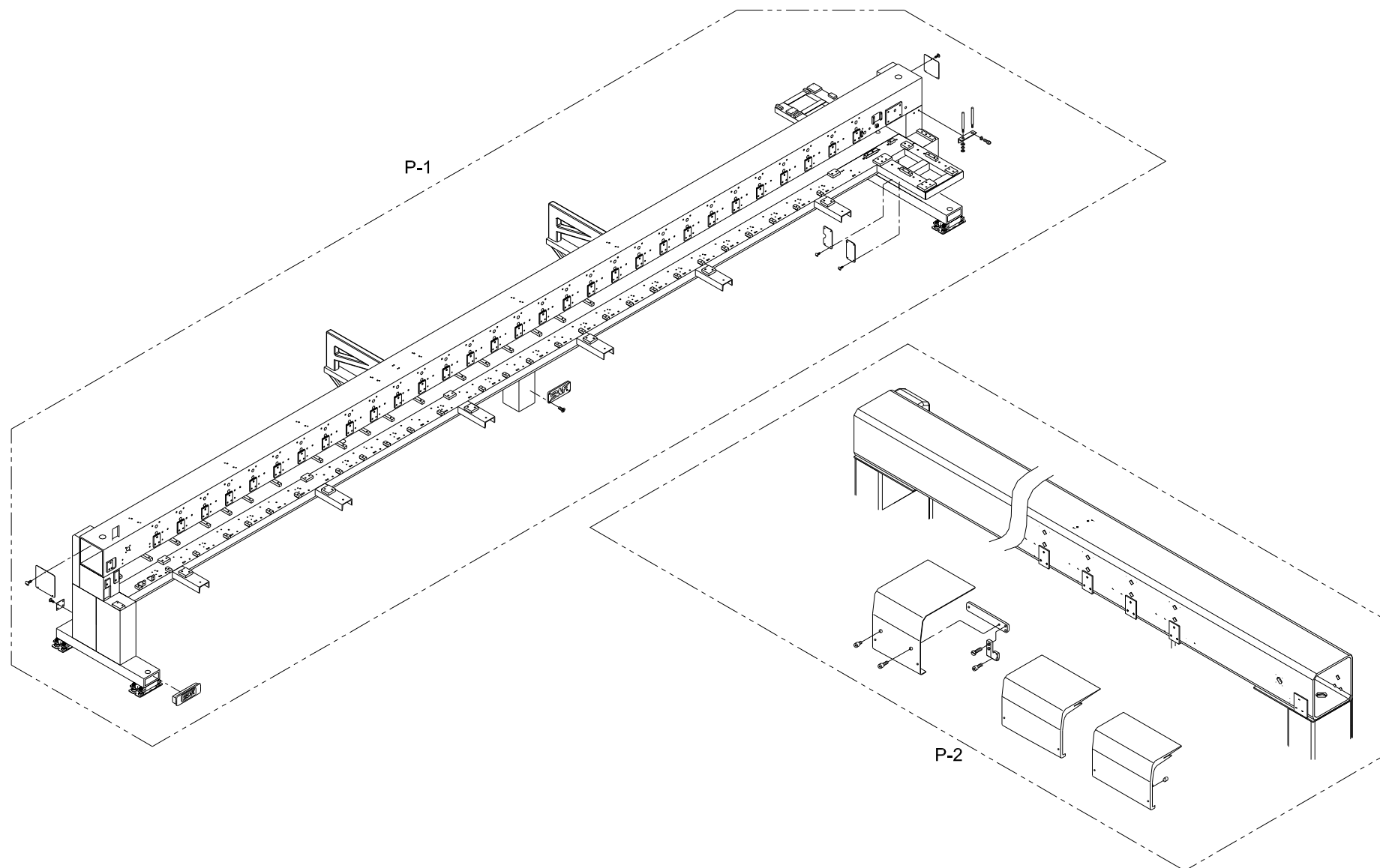
This diagram illustrates the assembly of a mechanical device, likely a pump or motor, with various components labeled O-2-1 through O-2-11. The main body is a rectangular housing with a curved top and a base. The top surface features a circular fan-like structure and a rectangular label with the text "SWF". The base has a long, narrow slot. The components are shown in their relative positions, with dashed lines indicating assembly points. The components are labeled as follows:

- O-2-1: A long, thin metal rod or shaft.
- O-2-2: A small screw or bolt.
- O-2-3: A small rectangular plate or bracket.
- O-2-4: A small cylindrical component, possibly a cap or plug.
- O-2-5: A small rectangular component, possibly a switch or sensor.
- O-2-6: A small cylindrical component, possibly a cap or plug.
- O-2-7: A small cylindrical component, possibly a cap or plug.
- O-2-8: A small rectangular component, possibly a switch or sensor.
- O-2-9: A small cylindrical component, possibly a cap or plug.
- O-2-10: A U-shaped metal bracket or support.
- O-2-11: A small rectangular component, possibly a switch or sensor.

Note

[illegible]

Cover



P-2

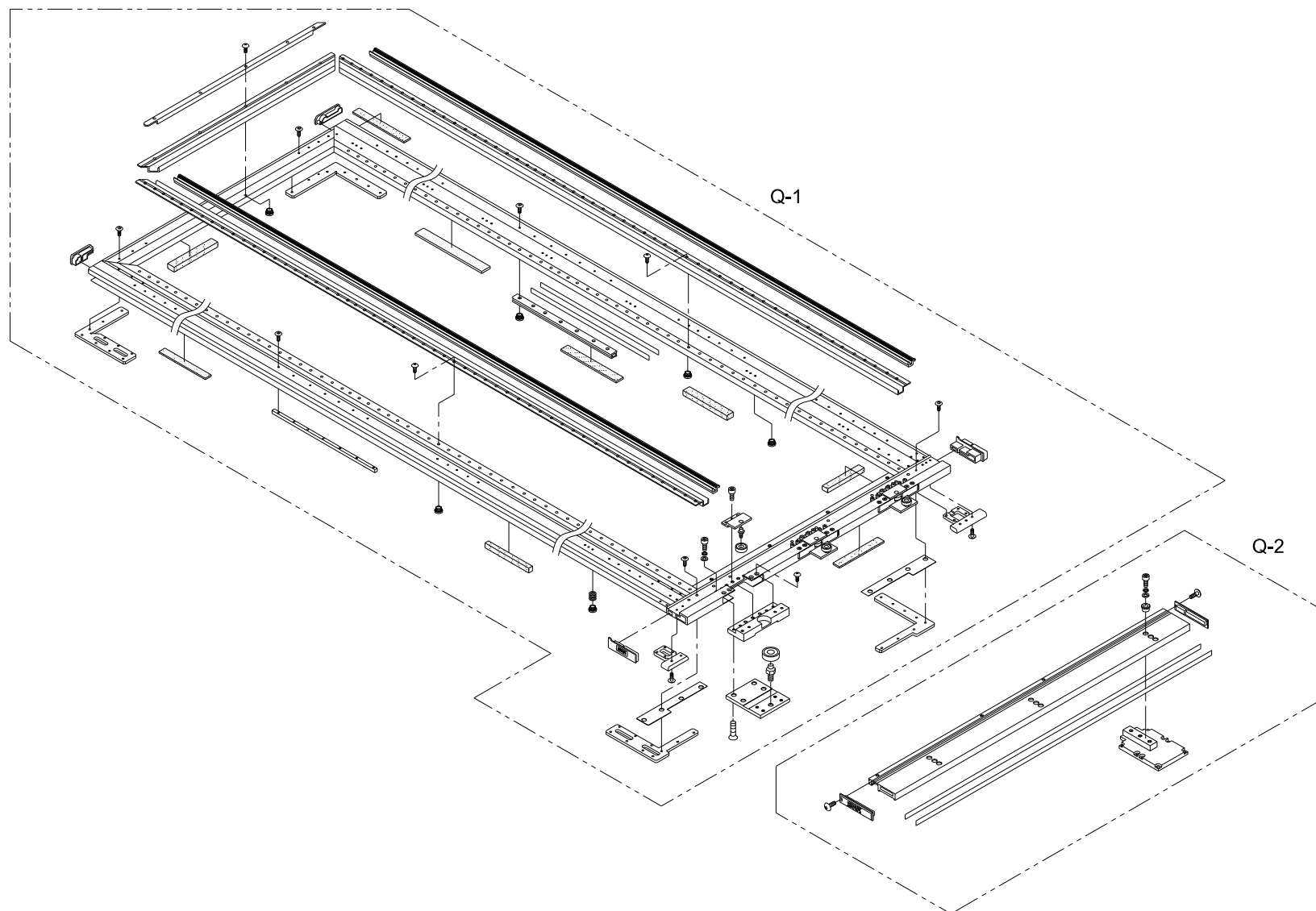
The diagram illustrates the assembly of the P-2 system. It includes a main horizontal unit with a curved front panel and a series of vertical supports. The components are labeled as follows:

- P-2-1**: A curved front panel for the main unit.
- P-2-2**: A screw used to secure the front panel.
- P-2-3**: A screw used to secure the front panel.
- P-2-4**: A small bracket or connector.
- P-2-5**: A small bracket or connector.
- P-2-6**: A small bracket or connector.
- P-2-7**: A small bracket or connector.
- P-2-8**: A curved front panel for a smaller unit.
- P-2-9**: A curved front panel for a smaller unit.
- P-2-10**: A screw used to secure the front panel.

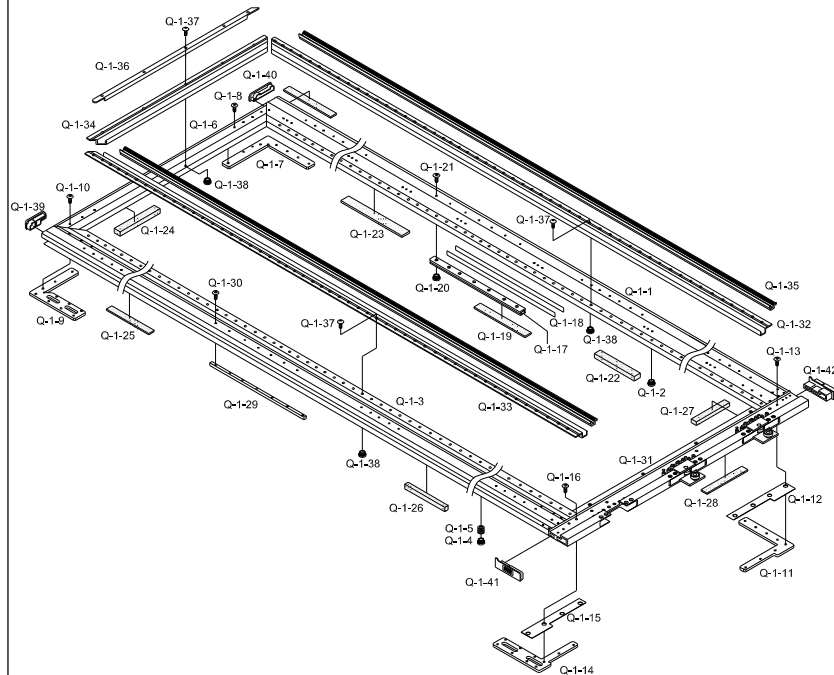
Note



Frame



Q-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
Q-1-1	GP-029866-00	Rear Sash "A"	May.02.07	X		1	
	GP-029866-01	Rear Sash "A"	Jul.04.07	△		1	
Q-1-2	10500200F000	Frame Bushing A				21	
Q-1-3	GP-029867-00	Rear Sash	May.02.07	X		1	
	GP-029867-01	Rear Sash	Jul.04.07	△		1	
Q-1-4	10500200F000	Frame Bushing A				21	
Q-1-5	10502300F000	Frame Bushing "C" Washer				63	
Q-1-6	10501200F000	Y-Axis Sash (L)				1	
Q-1-7	10501700F000	Left Corner Guide (A)				1	
Q-1-8	18014SC-7113	Truss Screw (M4*L9)			○	10	
Q-1-9	10501800F000	Left Corner Guide (B)				1	
Q-1-10	10501800F000	Left Corner Guide (B)				14	
Q-1-11	10501900F000	Left Corner Guide (C)				1	
Q-1-12	10502000F000	Y-Axis Corner Guide (A)				1	
Q-1-13	18014SC-7113	Truss Screw (M4*L9)			○	11	
Q-1-14	10502100F000	Right Corner Guide (D)				1	
Q-1-15	10502200F000	Y-Axis Corner Guide (B)				1	
Q-1-16	18014SC-7113	Truss Screw (M4*L9)			○	14	
Q-1-17	GP-030034-00	Frame Guide Rail A	May.06.07	X		6	
Q-1-18	GP-030035-00	Guide Rail Plate	May.06.07	X		12	
Q-1-19	10500100H000	Frame Felt "V"				8	
Q-1-20	10500200H000	Bushing Nut "A"				28	
Q-1-21	18048SC-7113	Hex.Socket Bolt (M5*L12)			○	28	
Q-1-22	10500300F000	Frame Felt				57	
Q-1-23	18067SF-AE00	Frame Felt (G) 2.5T L650 B19				3	
Q-1-24	10500300F000	Frame Felt				8	
Q-1-25	10500100H000	Frame Felt "V"				10	
Q-1-26	10500900F000	Frame Felt				57	
Q-1-27	10500300F000	Frame Felt				8	
Q-1-28	10500100H000	Frame Felt "V"				3	
Q-1-29	18051CW-AH20	X-Axis Guide Rail (L=600)				6	
Q-1-30	18014SC-7113	Truss Screw (M4*L9)			○	42	
Q-1-31	10501500F000	Frame (G) L=1040				1	
Q-1-32	GP-029907-00	X- Clamp Support "A"	May.03.07	X		1	
Q-1-33	GP-029907-00	X- Clamp Support "B"	May.03.07	X		1	
Q-1-34	10501400F000	Y-Axis Hose Support				1	
Q-1-35	10500700FSRG	X- Clamp Support Rubber				2	

Q

[illegible][illegible]

This exploded view diagram illustrates the assembly of the Q2000 Series Linear Guide. The components are labeled as follows:

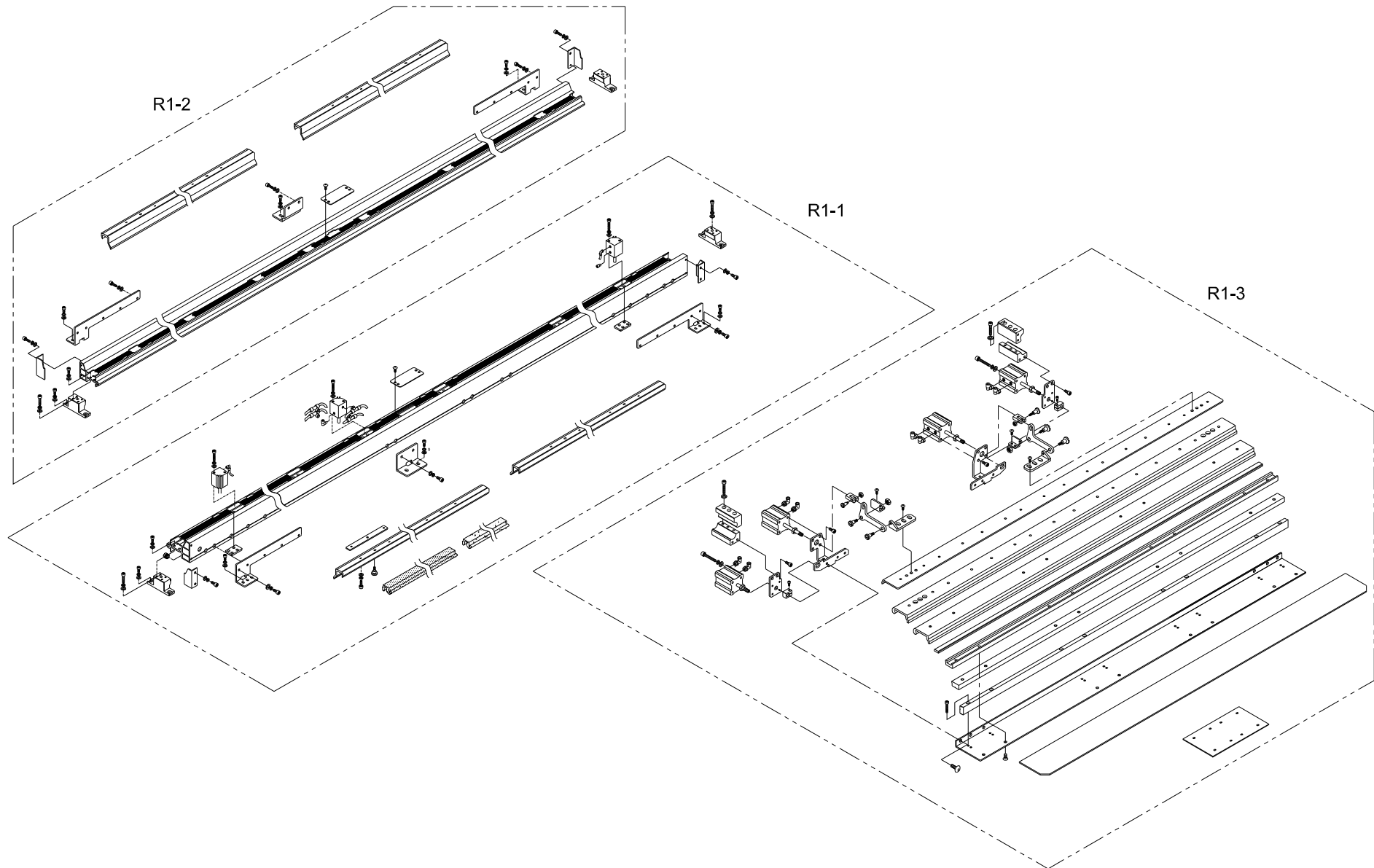
- Q-2-1**: Main guide rail assembly.
- Q-2-2**: Mounting bracket.
- Q-2-3**: Screws for mounting bracket.
- Q-2-4**: Washers for mounting bracket.
- Q-2-5**: Screws for mounting bracket.
- Q-2-6**: Base plate.
- Q-2-7**: Nut for base plate.
- Q-2-8**: Washer for base plate.
- Q-2-9**: Screws for base plate.
- Q-2-10**: Mounting bracket.
- Q-2-11**: Nut for mounting bracket.
- Q-2-12**: Washer for mounting bracket.
- Q-2-13**: Screws for mounting bracket.
- Q-2-14**: Mounting bracket.
- Q-2-15**: Screws for mounting bracket.
- Q-2-16**: Mounting bracket.
- Q-2-17**: Screws for mounting bracket.
- Q-2-18**: Main guide rail assembly.
- Q-2-19**: Mounting bracket.
- Q-2-20**: Screws for mounting bracket.
- Q-2-21**: Washers for mounting bracket.
- Q-2-22**: Screws for mounting bracket.
- Q-2-23**: Mounting bracket.
- Q-2-24**: Main guide rail assembly.
- Q-2-25**: Mounting bracket.
- Q-2-26**: Mounting bracket.
- Q-2-27**: Screws for mounting bracket.

Note

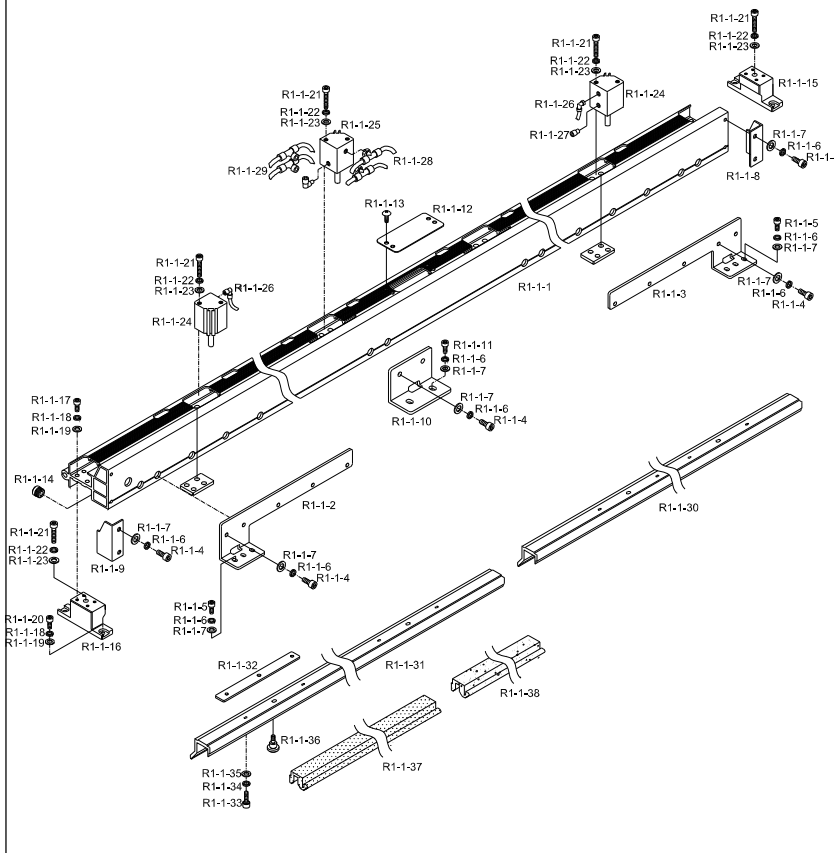
[illegible]

Q

X-Y Clamp



R1-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
R1-1-1	GP-036545-00	X-Clamp Cylinder Base (F)	Jan.18.08	X		1	
	GP-036545-01	X-Clamp Cylinder Base (F)	Mar.03.08	△		1	
R1-1-2	GP-032203-00	Fixed Bracket (F-A) for X-Clamp	Jul.04.07	X		1	
R1-1-3	GP-032204-00	Fixed Bracket (F-B) for X-Clamp	Jul.04.07	X		1	
R1-1-4	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	20	
R1-1-5	11029SC-4113	Hex. Socket Bolt (M4*L20)			○	6	
R1-1-6	18014SW-3115	Spring Washer (@4-No2)			○	20	
R1-1-7	18015SW-3111	Washer (4@)			○	20	
R1-1-8	GP-032786-00	Side Cover of Base R	Jul.23.07	X		1	
	GP-032786-01	Side Cover of Base R	Jul.30.07	△		1	
R1-1-9	GP-032787-00	Side Cover of Base L	Jul.23.07	X		1	
	GP-032787-01	Side Cover of Base L	Jul.30.07	△		1	
R1-1-10	GP-032237-00	Moving Bracket (F) for X-Clamp	Jul.04.07	X		3	
R1-1-11		Hex. Socket Bolt				6	
R1-1-12	GP-037254-00	Cylinder Base Cover for X-Clamp	Feb.26.08	X		1	
R1-1-13	02010SC-3123	Truss Screw (M4*L8)			○	4	
R1-1-14	11200700F000	X-Clamp Bushing Screw				44	
R1-1-15	11201200F000	Cylinder Base Bracket "A"				1	
R1-1-16	11201300F000	Cylinder Base Bracket "B"				1	
R1-1-17	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	8	
R1-1-18	18014SW-3115	Spring Washer (@4-No2)			○	12	
R1-1-19	18015SW-3111	Washer (4@)			○	12	
R1-1-20	15105SC-7113	Hex.Socket Screw (M4*L15)			○	4	
R1-1-21	15030SC-7113	Hex. Socket Bolt (M5*L30)			○	2	
R1-1-22	18048SW-3115	Spring Washer (5@)			○	2	
R1-1-23	18049SW-3111	Washer (@5)			○	2	
R1-1-24	GP-032930-00	X Clamp Cylinder A CQ2B12-KR-25D	Jul.31.07	X		34	
R1-1-25	GP-032926-00	X Clamp Cylinder B CQ2B12-YB-25D	Jul.31.07	X		4	
R1-1-26	11401110F000	Pitting (Kj104-M5)				76	
R1-1-27	11401710F000	Pitting (Kjh04-M5)				4	
R1-1-28	11401810F000	Pitting (Kjt04-M5)				13	
R1-1-29	11401310F000	Pitting (Kjt04-00)				60	
R1-1-30	GP-036541-00	X-Clamp Presser Plate F-A	Jan.18.08	X		1	
R1-1-31	GP-036542-00	X-Clamp Presser Plate F-B	Jan.18.08	X		1	
R1-1-32	GP-032905-00	Spacer for X-Clamp Presser Plate	Jul.30.07	X		38	
R1-1-33	13020SC-7113	Hex.Socket Screw (M3 x L8)			○	38	
R1-1-34	11019SW-9115	Spring Washer (3@)			○	38	

R1

R1-1

This exploded view diagram illustrates the assembly of the R1-1 ceiling grid. The main components shown are:

- Main Grid (R1-1-1):** The central longitudinal beam.
- End Cap (R1-1-2):** A component at the end of the main grid.
- Support Arm (R1-1-3):** A component that connects the main grid to the suspension system.
- Suspension Arm (R1-1-4):** A component that connects the support arm to the main grid.
- Grid Section (R1-1-5):** A section of the grid that fits into the main grid.
- Grid Section (R1-1-6):** Another section of the grid.
- Grid Section (R1-1-7):** A third section of the grid.
- Grid Section (R1-1-8):** A fourth section of the grid.
- Grid Section (R1-1-9):** A fifth section of the grid.
- Grid Section (R1-1-10):** A sixth section of the grid.
- Grid Section (R1-1-11):** A seventh section of the grid.
- Grid Section (R1-1-12):** An eighth section of the grid.
- Grid Section (R1-1-13):** A ninth section of the grid.
- Grid Section (R1-1-14):** A tenth section of the grid.
- Grid Section (R1-1-15):** An eleventh section of the grid.
- Grid Section (R1-1-16):** A twelfth section of the grid.
- Grid Section (R1-1-17):** A thirteenth section of the grid.
- Grid Section (R1-1-18):** A fourteenth section of the grid.
- Grid Section (R1-1-19):** A fifteenth section of the grid.
- Grid Section (R1-1-20):** A sixteenth section of the grid.
- Grid Section (R1-1-21):** A seventeenth section of the grid.
- Grid Section (R1-1-22):** An eighteenth section of the grid.
- Grid Section (R1-1-23):** A nineteenth section of the grid.
- Grid Section (R1-1-24):** A twentieth section of the grid.
- Grid Section (R1-1-25):** A twenty-first section of the grid.
- Grid Section (R1-1-26):** A twenty-second section of the grid.
- Grid Section (R1-1-27):** A twenty-third section of the grid.
- Grid Section (R1-1-28):** A twenty-fourth section of the grid.
- Grid Section (R1-1-29):** A twenty-fifth section of the grid.
- Grid Section (R1-1-30):** A twenty-sixth section of the grid.
- Grid Section (R1-1-31):** A twenty-seventh section of the grid.
- Grid Section (R1-1-32):** A twenty-eighth section of the grid.
- Grid Section (R1-1-33):** A twenty-ninth section of the grid.
- Grid Section (R1-1-34):** A thirtieth section of the grid.
- Grid Section (R1-1-35):** A thirty-first section of the grid.
- Grid Section (R1-1-36):** A thirty-second section of the grid.
- Grid Section (R1-1-37):** A thirty-third section of the grid.
- Grid Section (R1-1-38):** A thirty-fourth section of the grid.

The diagram also shows various fasteners and hardware used in the assembly, including screws (R1-1-1, R1-1-2, R1-1-3, R1-1-4, R1-1-5, R1-1-6, R1-1-7, R1-1-8, R1-1-9, R1-1-10, R1-1-11, R1-1-12, R1-1-13, R1-1-14, R1-1-15, R1-1-16, R1-1-17, R1-1-18, R1-1-19, R1-1-20, R1-1-21, R1-1-22, R1-1-23, R1-1-24, R1-1-25, R1-1-26, R1-1-27, R1-1-28, R1-1-29, R1-1-30, R1-1-31, R1-1-32, R1-1-33, R1-1-34, R1-1-35, R1-1-36, R1-1-37, R1-1-38) and nuts (R1-1-1, R1-1-2, R1-1-3, R1-1-4, R1-1-5, R1-1-6, R1-1-7, R1-1-8, R1-1-9, R1-1-10, R1-1-11, R1-1-12, R1-1-13, R1-1-14, R1-1-15, R1-1-16, R1-1-17, R1-1-18, R1-1-19, R1-1-20, R1-1-21, R1-1-22, R1-1-23, R1-1-24, R1-1-25, R1-1-26, R1-1-27, R1-1-28, R1-1-29, R1-1-30, R1-1-31, R1-1-32, R1-1-33, R1-1-34, R1-1-35, R1-1-36, R1-1-37, R1-1-38).

Note

R1

R1-2

This exploded view diagram illustrates the assembly of the R1-2 lighting fixture. The main components and their assembly sequence are as follows:

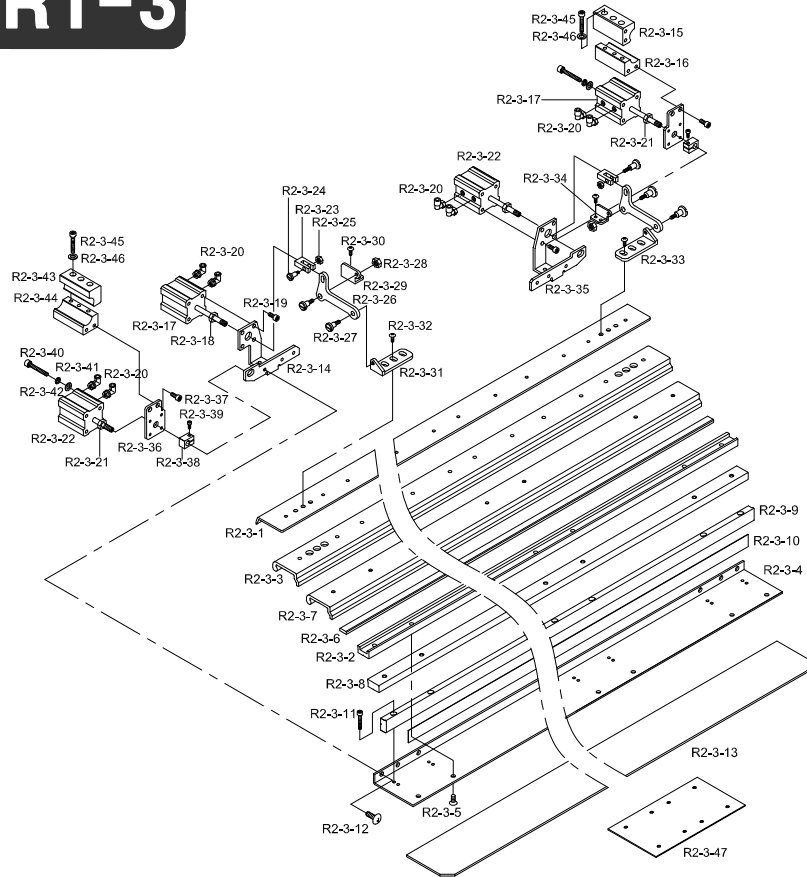
- Base Assembly:** The main body of the fixture, labeled R2-2-1, which includes a mounting bracket R2-2-2 and a base plate R2-2-3.
- Mounting Hardware:** Various screws and bolts are used to secure the components, including R2-2-4, R2-2-5, R2-2-6, R2-2-7, R2-2-8, R2-2-9, R2-2-10, R2-2-11, R2-2-12, R2-2-13, R2-2-14, R2-2-15, R2-2-16, R2-2-17, R2-2-18, R2-2-19, R2-2-20, R2-2-21, and R2-2-22.
- Light Source:** The R2-2-10 component is the light source, which is inserted into the fixture body.
- Decorative Elements:** The R2-2-11 and R2-2-12 components are decorative elements that are attached to the fixture body.
- Final Assembly:** The R2-2-13 component is the final decorative element that is attached to the fixture body.

The diagram shows the assembly process from the base components to the final assembled fixture, with each part labeled with its corresponding R2-2-XXXX code.

Note

R1

R1-3



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
R1-2-9	GP-023898-00	Y-Clamp Presser Plate	Dec.05.06	X		6	
	GP-023898-01	Y-Clamp Presser Plate	Jun.05.07	△		6	
R1-3-2	GP-023900-00	Y-Clamp Support Plate Rail "A"	Dec.05.06	X		6	
R1-3-3	GP-023897-00	Y-Clamp Presser Plate A	Dec.05.06	X		6	
R1-3-4	GP-023899-00	Y-Clamp Support Plate	Dec.05.06	X		6	
	GP-023899-01	Y-Clamp Support Plate	Jun.05.07	△		6	
R1-3-5	15089SC-7119	C.S Screw (M4*L5)			○	24	
R1-3-6	GP-023893-00	Y-Clamp Support Robber "A"	Dec.05.06	X		6	
R1-3-7	GP-020780-00	Y-Clamp Presser Plate A	Aug.23.06	X		6	
R1-3-8	GP-020785-00	Y-Clamp Support Plate Rail	Aug.23.06	X		6	
R1-3-9	GP-023901-00	Y-Clamp Support Plate Rail "B"	Dec.05.06	X		6	
	GP-023901-01	Y-Clamp Support Plate Rail "B"	Jun.05.07	△		6	
R1-3-10	GP-023894-00	Y-Clamp Support Robber "B"	Dec.12.05			6	
R1-3-11	09007SC-4113	Hex. Socket Bolt (M3*L12)			○	32	
R1-3-12	15094SC-3123	Truss Screw (M4*L6)			○	36	
R1-3-13	GP-020786-00	Felt for Y-Clamp	Aug.23.06	X		6	
R1-3-14	GP-023902-00	Y-Clamp Cylinder Base (L)	Dec.05.06	X		6	
	GP-023902-01	Y-Clamp Cylinder Base (L)	Jun.05.07	△		6	
R1-3-15	11101400F000	Y-Clamp Fixed Bracket (R,Up)				6	
R1-3-16	11101500F000	Y-Clamp Fixed Bracket (R,DOWN)				6	
R1-3-17	11402010F000	Air Cylinder Cq2B12-25Dm				12	
R1-3-18	11102200F000	Air Cylinder Shaft Nut A				12	
R1-3-19	15105SC-7113	Hex.Socket Screw (M4*L15)			○	32	
R1-3-20	11401110F000	Pitting (Kjl04-M5)				48	
R1-3-21	11102300F000	Air Cylinder Shaft Nut B				12	
R1-3-22	11401910F000	Yclamp Airylinder CQ2B1216-Y1G01-15				12	
R1-3-23	11100300F000	Y-Clamp Cylinder Knuckle				12	
R1-3-24	SC-001611-00	Y Cylinder Knuckle Screw	Jan,13,09 ~	X		12	
R1-3-25	11014SN-1211	Hex.Nut (M3-No2)			○	12	
R1-3-26	GP-023895-00	Y-Clamp Drive Lever	Dec.05.06	X		12	
	GP-023895-01	Y-Clamp Drive Lever	Jun.05.07	△		12	
R1-3-27	GP-020773-00	Stud for Driven Lever	Aug.23.06	X		24	
	GP-020773-01	Stud for Driven Lever	Jun.05.07	△		24	
R1-3-28	02029SN-9311	Hex. Nut (M4-No2)			○	16	
R1-3-29	GP-020778-00	Y-Clamp Drive Link Bracket(R)	Aug.23.06	X		6	
	GP-020778-01	Y-Clamp Drive Link Bracket(R)	Jun.05.07	△		6	
R1-3-30	15042SC-3123	Truss Screw (M4*L6)			○	24	

R1

R1-3

This exploded view diagram illustrates the assembly of the R1-3 system. The components are organized into several groups, with their assembly sequence indicated by dashed lines and numbered callouts:

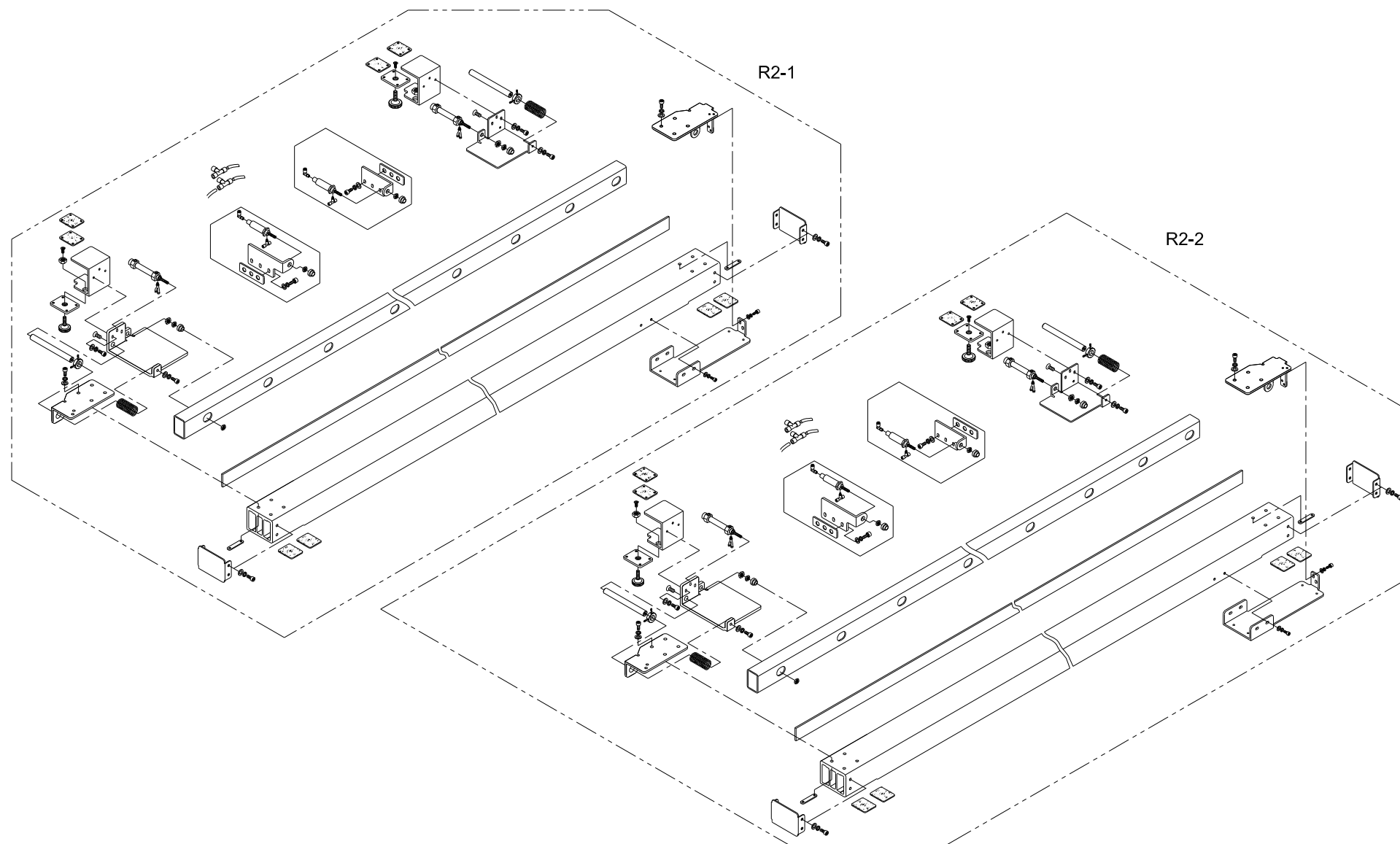
- Base Components:** R2-3-1, R2-3-3, R2-3-7, R2-3-6, R2-3-2, R2-3-8, R2-3-11, R2-3-12, R2-3-5, R2-3-13, and R2-3-47.
- Intermediate Components:** R2-3-20, R2-3-17, R2-3-18, R2-3-19, R2-3-14, R2-3-24, R2-3-23, R2-3-25, R2-3-30, R2-3-28, R2-3-29, R2-3-26, R2-3-32, R2-3-31, R2-3-22, R2-3-34, R2-3-35, R2-3-33, R2-3-45, R2-3-46, R2-3-15, R2-3-16, R2-3-17, R2-3-20, R2-3-21, R2-3-40, R2-3-41, R2-3-42, R2-3-22, R2-3-21, R2-3-36, R2-3-37, R2-3-39, and R2-3-38.
- Final Assembly Components:** R2-3-43, R2-3-44, R2-3-45, R2-3-46, R2-3-40, R2-3-41, R2-3-42, R2-3-22, R2-3-21, R2-3-36, R2-3-37, R2-3-39, and R2-3-38.

The diagram shows the assembly of the R1-3 system, including the base, intermediate components, and final assembly components. The components are labeled with their respective part numbers and are shown in their relative positions during assembly.

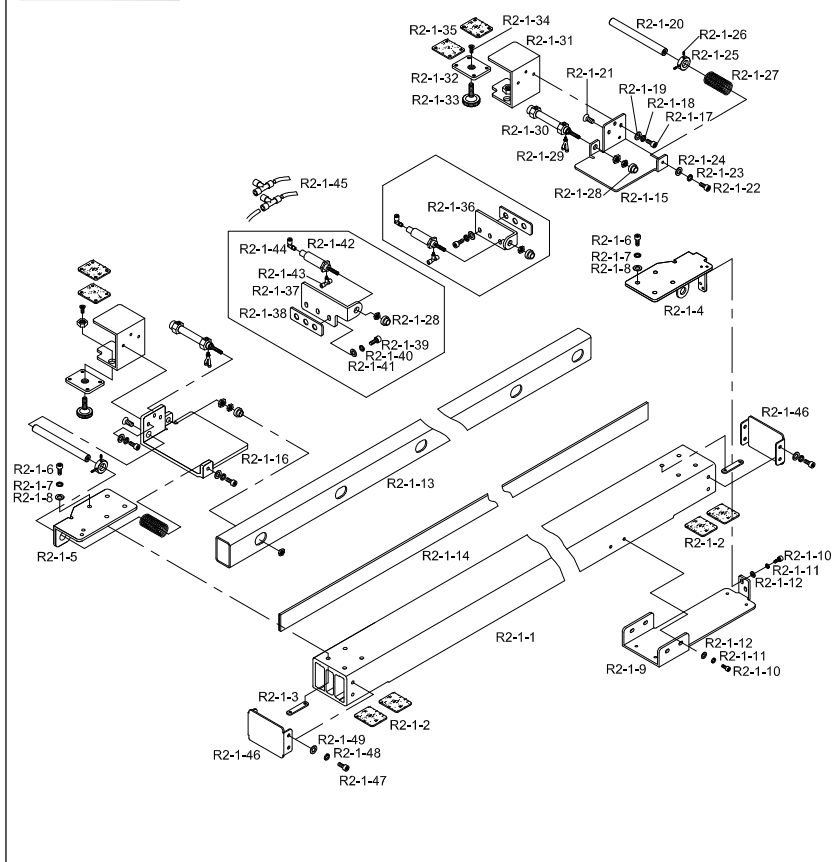
Note

R1

Front-Rear Clamp



R2-1



Note

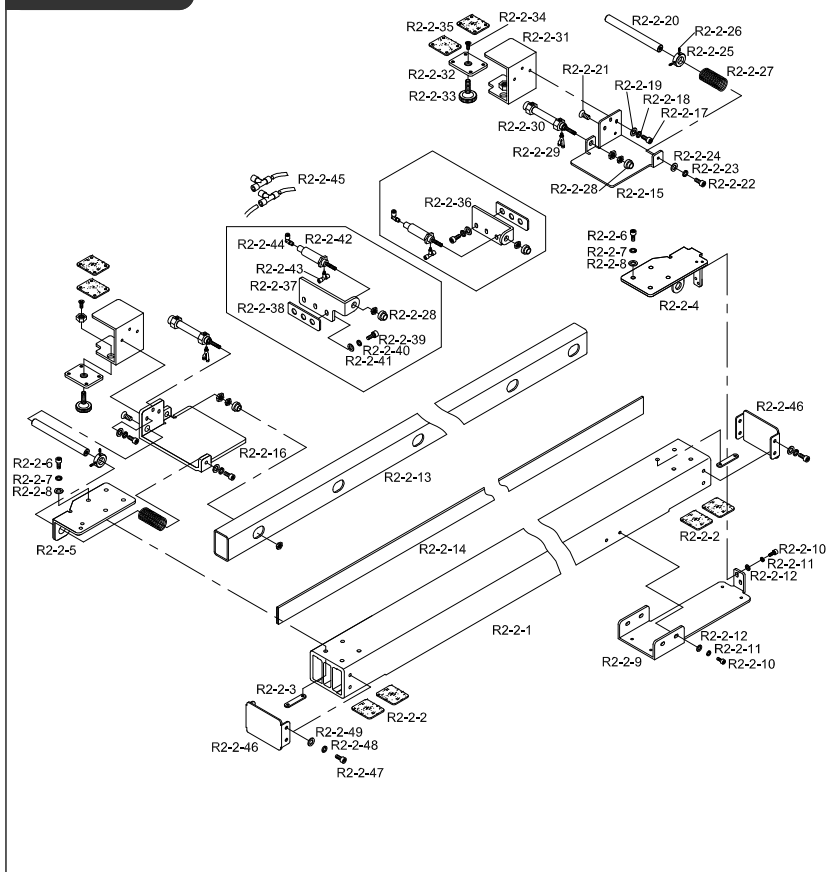
Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
R2-1-1	GP-036704-00	Front Clamp Supporter	Jan.25.08	X		1	
	GP-036704-01	Front Clamp Supporter	Feb.21.08	△		1	
R2-1-2	11301600F000	Front Clamp Support Felt				4	
R2-1-3	GP-031864-00	Front Clamp Support Nut	Jun.22.07	X		8	
R2-1-4	GP-031865-00	Front Clamp Support Bracket R	Jun.22.07	X		1	
R2-1-5	GP-031866-00	Front Clamp Support Bracket L	Jun.22.07	X		1	
R2-1-6	15105SC-7113	Hex.Socket Screw (M4*L15)			○	8	
R2-1-7	18014SW-3115	Spring Washer (4@)			○	8	
R2-1-8	18015SW-3111	Washer (4@)			○	8	
R2-1-9	GP-030018-00	Bar Switch Barcket	May.04.07	X		1	
	GP-030018-01	Bar Switch Barcket	Jun.27.07	△		1	
R2-1-10	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	6	
R2-1-11	18014SW-3115	Spring Washer (4@)			○	6	
R2-1-12	18015SW-3111	Washer (4@)			○	6	
R2-1-13	GP-036702-00	Front Clamp Presser	Jan.25.08	X		1	
R2-1-14	GP-036703-00	Rubber for Front-Rear Clamp Presser Bar	Jan.25.08	X		1	
R2-1-15	GP-031868-00	Front Clamp Base (R)	Jun.22.07	X		1	
R2-1-16	GP-032557-00	Front Clamp Base (L)	Jul.12.07	X		1	
R2-1-17	02031SC-7113	Hex. Socket Screw (M5*L10)			○	6	
R2-1-18	18048SW-3115	Spring Washer (5@)			○	6	
R2-1-19	18049SW-3111	Washer (@5)			○	6	
R2-1-20	ST-000029-00	Front Clamp Control Shaft	Jan,13,09 ~	X		8	
R2-1-21	02023SC-7113	Plus Screw (M4*L8)			○	2	
R2-1-22	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	2	
R2-1-23	18048SW-3115	Spring Washer (5@)			○	2	
R2-1-24	18049SW-3111	Washer (@5)			○	2	
R2-1-25	11300400F000	Front Clamp Control Collar				2	
R2-1-26	07009SC-4517	Hex.Socket Set Screw (M5*L6)			○	4	
R2-1-27	11300500F000	Front Clamp Cushion Spring				2	
R2-1-28	11302510F000	Front C-Cylinder Shaft Bush				7	
R2-1-29	11401110F000	Pitting (Kjl04-M5)				76	
R2-1-30	11402110F000	Front Cylinder Cm2B20-Kre0345				2	
R2-1-31	11300900F000	Front Clamp Bracket (L)				5	
R2-1-32	11301210F000	Front Clamp Support Plate (L)				8	
R2-1-33	11301000F000	Fabric Guide Bracket Screw				8	
R2-1-34	05007SC-7113	Plus Screw (M3*L5)			○	2	
R2-1-35	11301400F000	Front Clamp Plate Rubber (L)				4	

R2

[illegible]

R2

R2-2



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
R2-2-1	GP-036701-00	Rear Clamp Supporter	Jan.25.08	X		1	
	GP-036701-01	Rear Clamp Supporter	Feb.21.08	△		1	
R2-2-2	11301600F000	Front Clamp Support Felt				4	
R2-2-3	GP-031864-00	Front Clamp Support Nut	Jun.22.07	X		8	
R2-2-4	GP-031865-00	Front Clamp Support Bracket R	Jun.22.07	X		1	
R2-2-5	GP-031866-00	Front Clamp Support Bracket L	Jun.22.07	X		1	
R2-2-6	15105SC-7113	Hex.Socket Screw (M4*L15)			○	8	
R2-2-7	18014SW-3115	Spring Washer(4@)			○	8	
R2-2-8	18015SW-3111	Washer (4@)			○	8	
R2-2-9	GP-030018-00	Bar Switch Barcket	May.04.07	X		1	
	GP-030018-01	Bar Switch Barcket	Jun.27.07	△		1	
R2-2-10	07016SC-7113	Hex.Socket Bolt (M4*L12)			○	6	
R2-2-11	18014SW-3115	Spring Washer(4@)			○	6	
R2-2-12	18015SW-3111	Washer (4@)			○	6	
R2-2-13	GP-036699-00	Rear Clamp Presser	Jan.25.08	X	○	1	
R2-2-14	GP-036700-00	Rubber for Front-Rear Clamp Presser Bar	Jan.25.08	X		1	
R2-2-15	11304500F000	Rear Clamp Base (R)				1	
R2-2-16	11304600F000	Rear Clamp Base (L)				1	
R2-2-17	02031SC-7113	Hex. Socket Screw(M5*L10)			○	6	
R2-2-18	18048SW-3115	Spring Washer (5@)			○	6	
R2-2-19	18049SW-3111	Washer (@5)			○	6	
R2-2-20	ST-000029-00	Front Clamp Control Shaft	Jan,13,09 ~	X		8	
R2-2-21	02023SC-7113	Plus Screw (M4*L8)			○	2	
R2-2-22	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	2	
R2-2-23	18048SW-3115	Spring Washer (5@)			○	2	
R2-2-24	18049SW-3111	Washer (@5)			○	2	
R2-2-25	11300400F000	Front Clamp Control Collar				2	
R2-2-26	07009SC-4517	Hex.Socket Set Screw (M5*L6)			○	4	
R2-2-27	11300500F000	Front Clamp Cushion Spring				2	
R2-2-28	11302510F000	Front C-Cylinder Shaft Bush				7	
R2-2-29	11401110F000	Pitting (Kjl04-M5)				76	
R2-2-30	11402110F000	Front Cylinder Cm2B20-Kre0345				2	
R2-2-31	11300900F000	Front Clamp Bracket (L)				5	
R2-2-32	11301210F000	Front Clamp Support Plate (L)				8	
R2-2-33	11301000F000	Fabric Guide Bracket Screw				8	
R2-2-34	05007SC-7113	Plus Screw (M3*L5)			○	2	
R2-2-35	11301400F000	Front Clamp Plate Rubber (L)				4	

R2

R2-2

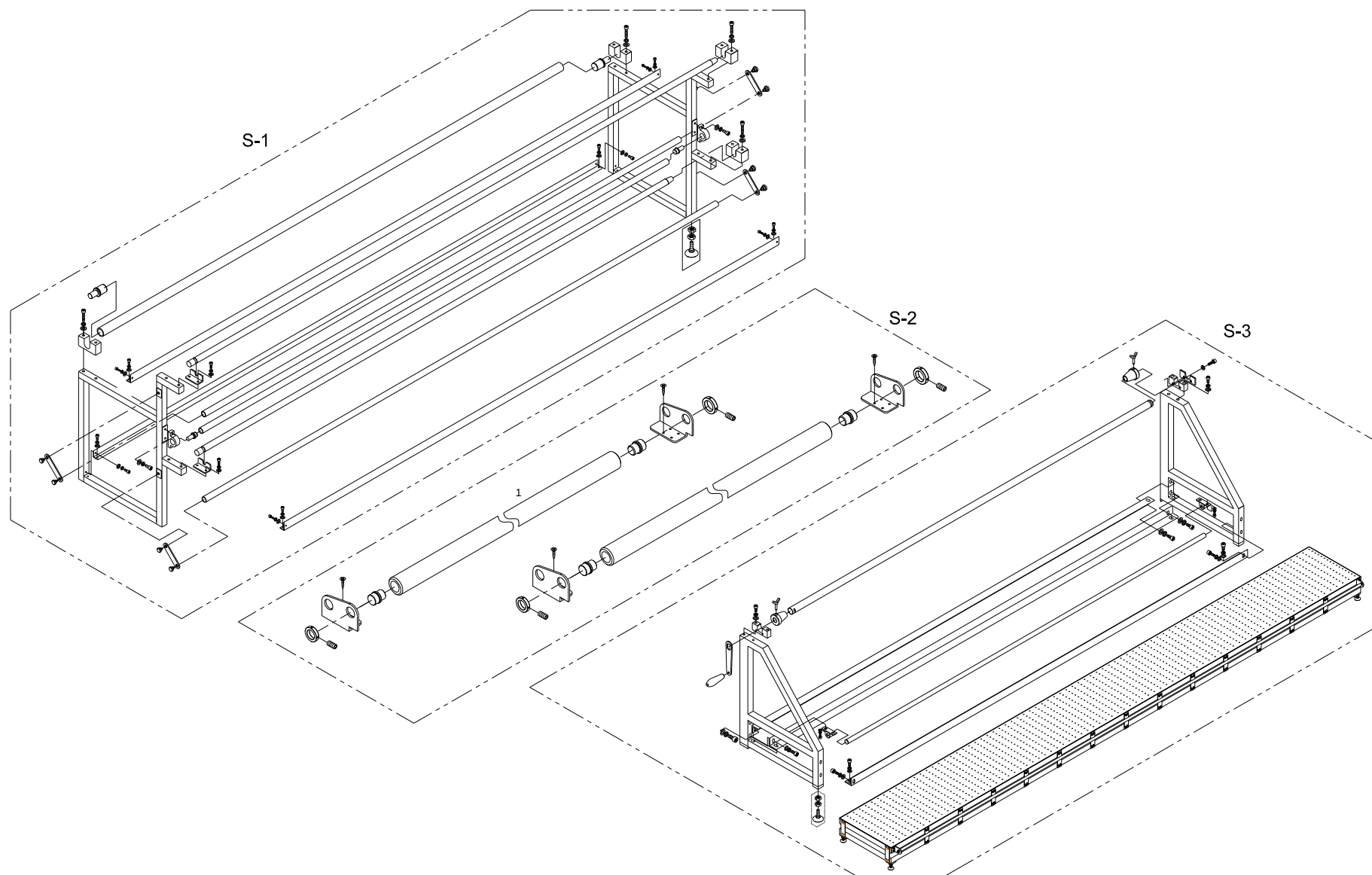
This exploded view diagram illustrates the assembly of the R2-2 unit. The components are labeled with part numbers and are shown in their relative positions for assembly. The main components include:

- Base and Mounting Rails:** R2-2-1 (Main base), R2-2-2 (Mounting rail), R2-2-3 (Mounting rail), R2-2-4 (Mounting rail), R2-2-5 (Mounting rail), R2-2-6 (Mounting rail), R2-2-7 (Mounting rail), R2-2-8 (Mounting rail), R2-2-9 (Mounting rail), R2-2-10 (Mounting rail), R2-2-11 (Mounting rail), R2-2-12 (Mounting rail), R2-2-13 (Mounting rail), R2-2-14 (Mounting rail), R2-2-15 (Mounting rail), R2-2-16 (Mounting rail), R2-2-17 (Mounting rail), R2-2-18 (Mounting rail), R2-2-19 (Mounting rail), R2-2-20 (Mounting rail), R2-2-21 (Mounting rail), R2-2-22 (Mounting rail), R2-2-23 (Mounting rail), R2-2-24 (Mounting rail), R2-2-25 (Mounting rail), R2-2-26 (Mounting rail), R2-2-27 (Mounting rail), R2-2-28 (Mounting rail), R2-2-29 (Mounting rail), R2-2-30 (Mounting rail), R2-2-31 (Mounting rail), R2-2-32 (Mounting rail), R2-2-33 (Mounting rail), R2-2-34 (Mounting rail), R2-2-35 (Mounting rail), R2-2-36 (Mounting rail), R2-2-37 (Mounting rail), R2-2-38 (Mounting rail), R2-2-39 (Mounting rail), R2-2-40 (Mounting rail), R2-2-41 (Mounting rail), R2-2-42 (Mounting rail), R2-2-43 (Mounting rail), R2-2-44 (Mounting rail), R2-2-45 (Mounting rail), R2-2-46 (Mounting rail), R2-2-47 (Mounting rail), R2-2-48 (Mounting rail), R2-2-49 (Mounting rail), R2-2-50 (Mounting rail).
- Fasteners and Hardware:** R2-2-1 (Screws), R2-2-2 (Screws), R2-2-3 (Screws), R2-2-4 (Screws), R2-2-5 (Screws), R2-2-6 (Screws), R2-2-7 (Screws), R2-2-8 (Screws), R2-2-9 (Screws), R2-2-10 (Screws), R2-2-11 (Screws), R2-2-12 (Screws), R2-2-13 (Screws), R2-2-14 (Screws), R2-2-15 (Screws), R2-2-16 (Screws), R2-2-17 (Screws), R2-2-18 (Screws), R2-2-19 (Screws), R2-2-20 (Screws), R2-2-21 (Screws), R2-2-22 (Screws), R2-2-23 (Screws), R2-2-24 (Screws), R2-2-25 (Screws), R2-2-26 (Screws), R2-2-27 (Screws), R2-2-28 (Screws), R2-2-29 (Screws), R2-2-30 (Screws), R2-2-31 (Screws), R2-2-32 (Screws), R2-2-33 (Screws), R2-2-34 (Screws), R2-2-35 (Screws), R2-2-36 (Screws), R2-2-37 (Screws), R2-2-38 (Screws), R2-2-39 (Screws), R2-2-40 (Screws), R2-2-41 (Screws), R2-2-42 (Screws), R2-2-43 (Screws), R2-2-44 (Screws), R2-2-45 (Screws), R2-2-46 (Screws), R2-2-47 (Screws), R2-2-48 (Screws), R2-2-49 (Screws), R2-2-50 (Screws).

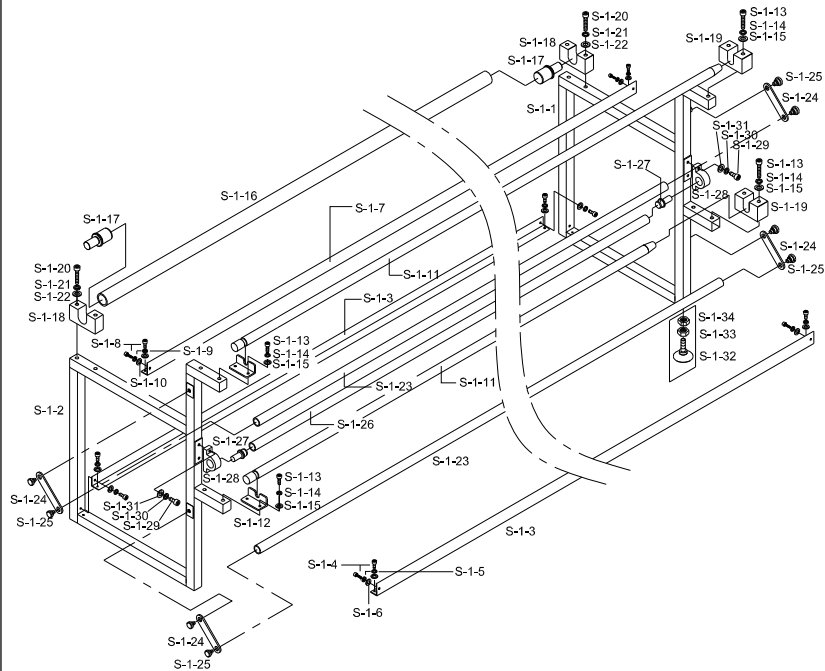
Note

R2

Stand



S-1



Note

Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Q'ty	Remark
S-1-1	11700200F000	Fabric Stand "A"				2	
S-1-2	11700300F000	Fabric Stand "B"				2	
S-1-3	GP-029938-00	Fabric Stand Support "A"	May.03.07	X	○	2	
S-1-4	03016SC-4113	Hex. Socket Bolt (M5*L15)			○	8	
S-1-5	18048SW-3115	Spring Washer (@5)			○	8	
S-1-6	18049SW-3111	Washer (@5)			○	8	
S-1-7	GP-029939-00	Fabric Stand Support "B"	May.03.07	X		1	
S-1-8	02031SC-7113	Hex. Socket Screw (M5*L10)			○	2	
S-1-9	18048SW-3115	Spring Washer (@5)			○	2	
S-1-10	18049SW-3111	Washer (@5)			○	2	
S-1-11	GP-029934-00	Roll Guide "A"	May.03.07	X		2	
S-1-12	11702400F000	Roll Guide Base A-1				6	
S-1-13	18047SC-7113	Hex/ Socket Bolt (M5*L15)			○	16	
S-1-14	18049SW-3111	Washer (@5)			○	16	
S-1-15	18048SW-3115	Spring Washer (5@)			○	16	
S-1-16	11701100FSR0	Roll Guide "B" (L=1894)				1	
S-1-17	11701200F000	Roll Guide Bushing				4	
S-1-18	11701310F000	Roll Guide Base "B" New				4	
S-1-19	11700910FSR0	Roll Guide Base "A" New				6	
S-1-20	18047SC-7113	Hex/ Socket Bolt (M5*L15)			○	8	
S-1-21	18048SW-3115	Spring Washer (5@)			○	8	
S-1-22	18049SW-3111	Washer (@5)			○	8	
S-1-23	GP-029937-00	Tension Control Guide "A"	May.03.07	X		2	
S-1-24	11701600F000	Tension Control Guide Link				8	
S-1-25	11701700F000	Tension Control Guide Screw				16	
S-1-26	GP-029943-00	Fabric Guide "A" (L=1910)	May.03.07	X		1	
	GP-029943-01	Fabric Guide "A" (L=1910)	Jun.27.07	△		1	
S-1-27	11702100F000	Fabric Guide Bushing				4	
S-1-28	11702200F000	Fabric Guide Bushing Bearing				4	
S-1-29	08076SC-7113	Hex. Socket Bolt (M5*L12)			○	8	
S-1-30	18048SW-3115	Spring Washer (5@)			○	8	
S-1-31	18049SW-3111	Washer (@5)			○	8	
S-1-32	01002SC-T121	Body Bolt Set				8	
S-1-33	14032SW-3115	Spring Washer (12@)			○	8	
S-1-34	14033SN-8211	Hex.Nut (M12-No2)			○	8	
S-1-35	ME-014603	Fabric Stand Mechanism	May,03,07 ~	X		1	

The diagram illustrates three mounting configurations for the S-2-1 gun body:

- Top Configuration:** The S-2-1 gun body is mounted to a bracket (S-2-6) using a pin (S-2-2). The bracket is secured to a plate (S-2-3) with a screw (S-2-7). A washer (S-2-4) is placed between the bracket and the plate.
- Middle Configuration:** The S-2-1 gun body is mounted to a bracket (S-2-6) using a pin (S-2-2). The bracket is secured to a plate (S-2-3) with a screw (S-2-7). A washer (S-2-4) is placed between the bracket and the plate.
- Bottom Configuration:** The S-2-1 gun body is mounted to a bracket (S-2-6) using a pin (S-2-2). The bracket is secured to a plate (S-2-3) with a screw (S-2-7). A washer (S-2-4) is placed between the bracket and the plate.

Note

[illegible]

This diagram illustrates the exploded view of a mechanical assembly, likely a conveyor system or a material handling unit. The components are labeled as follows:

- S-3-1**: Main frame structure.
- S-3-2**: Two parallel horizontal support beams.
- S-3-3**: Small vertical support pins or rollers.
- S-3-4**: Small horizontal support pins or rollers.
- S-3-5**: Small vertical support pins or rollers.
- S-3-6**: A small rectangular component, possibly a bracket or a sensor.
- S-3-7**: A small circular component, possibly a roller or a pulley.
- S-3-8**: A small circular component, possibly a roller or a pulley.
- S-3-9**: A small circular component, possibly a roller or a pulley.
- S-3-10**: A small rectangular component, possibly a bracket or a sensor.
- S-3-11**: A small circular component, possibly a roller or a pulley.
- S-3-12**: A small circular component, possibly a roller or a pulley.
- S-3-13**: A small circular component, possibly a roller or a pulley.
- S-3-14**: A long horizontal support beam.
- S-3-15**: A small circular component, possibly a roller or a pulley.
- S-3-16**: A small circular component, possibly a roller or a pulley.
- S-3-17**: A small circular component, possibly a roller or a pulley.
- S-3-18**: A small circular component, possibly a roller or a pulley.
- S-3-19**: A small rectangular component, possibly a bracket or a sensor.
- S-3-20**: A small rectangular component, possibly a bracket or a sensor.
- S-3-21**: A small rectangular component, possibly a bracket or a sensor.
- S-3-22**: A small rectangular component, possibly a bracket or a sensor.
- S-3-23**: A small circular component, possibly a roller or a pulley.
- S-3-24**: A small circular component, possibly a roller or a pulley.
- S-3-25**: A long horizontal support beam.
- S-3-26**: A long horizontal support beam.
- S-3-27**: A long horizontal support beam.

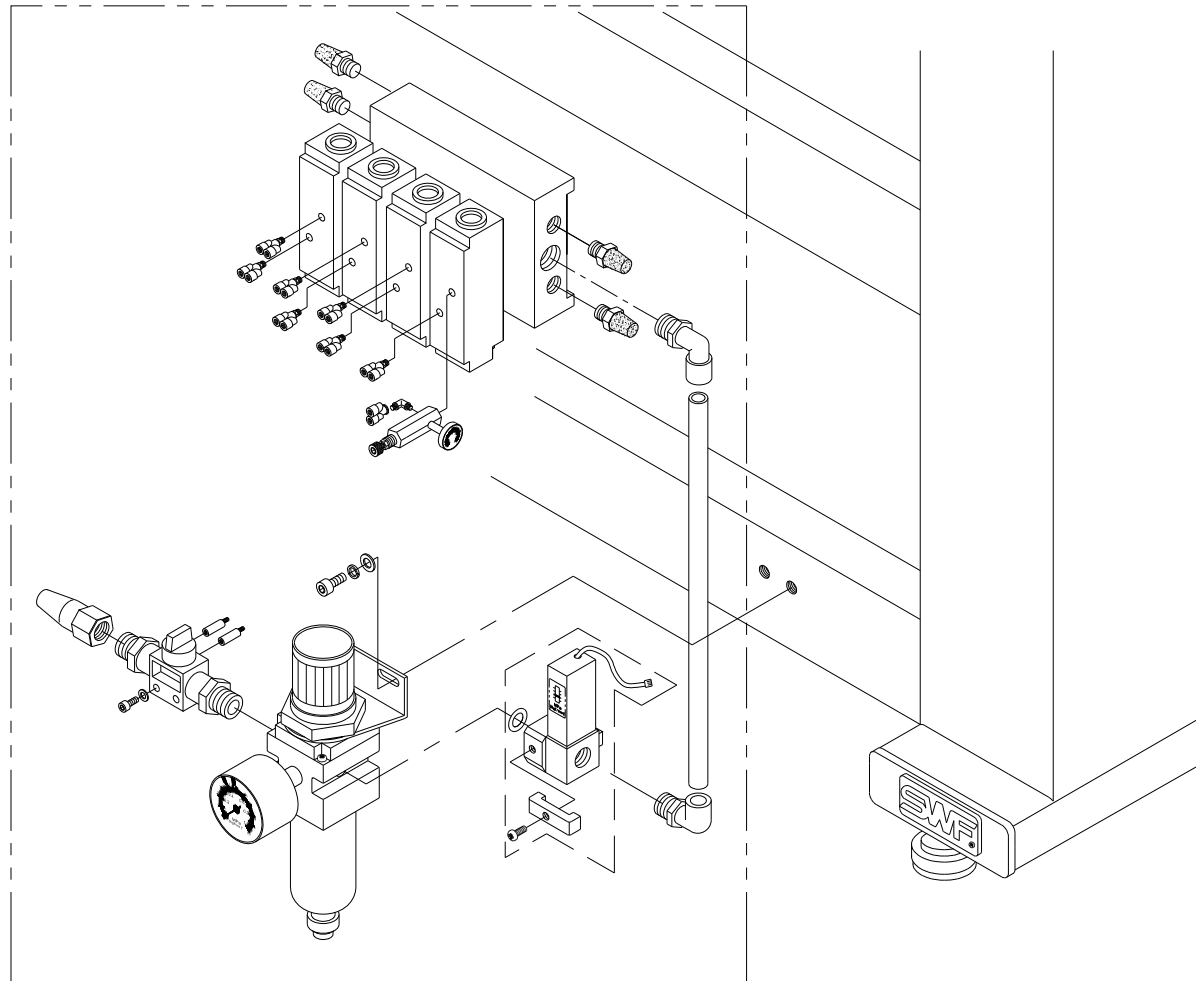
The diagram shows the assembly of these components into a functional unit. The main frame (S-3-1) is supported by two parallel beams (S-3-2). The beams are connected to a base structure (S-3-25, S-3-26, S-3-27) via various support pins (S-3-3, S-3-4, S-3-5) and rollers/pulleys (S-3-7, S-3-8, S-3-9, S-3-11, S-3-12, S-3-13, S-3-15, S-3-16, S-3-17, S-3-18, S-3-23, S-3-24). The base structure is composed of several horizontal beams (S-3-14, S-3-25, S-3-26, S-3-27) and vertical supports (S-3-19, S-3-20, S-3-21, S-3-22). The rollers/pulleys are mounted on the beams to facilitate movement. The diagram is a technical drawing showing the exploded view of the assembly.

Note



Pneumatic

T-1



T-1

This diagram illustrates the assembly of the T-1 hydraulic system. The components are labeled as follows:

- T-1-1:** Main hydraulic cylinder with a pressure gauge.
- T-1-2:** Solenoid valve assembly, shown in a dashed box.
- T-1-3:** 90-degree elbow fittings.
- T-1-4:** Hydraulic hose or tube.
- T-1-5:** Plug or cap.
- T-1-6:** Small hydraulic fitting.
- T-1-7:** Small screw or pin.
- T-1-8:** Small hydraulic fitting.
- T-1-9:** Small screw or pin.
- T-1-10:** Small screw or pin.
- T-1-11:** Small screw or pin.
- T-1-12:** Hydraulic manifold block.
- T-1-13:** Hydraulic fitting.
- T-1-14:** Hydraulic fitting.
- T-1-15:** Hydraulic fitting.
- T-1-16:** Hydraulic fitting.
- T-1-17:** Hydraulic fitting.
- T-1-18:** Hydraulic fitting.

Note



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