SWF

PARTS BOOK

E-Series

Compact

E-T901C

PME-090721

Notice

1. 본 책자는Parts Book으로 제작되었으므로 매뉴얼로 사용 불가합니다.
2. 조에 속한 파트는 개별 조립 시 제품의 파손 또는 재봉 불량이 발생될 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.

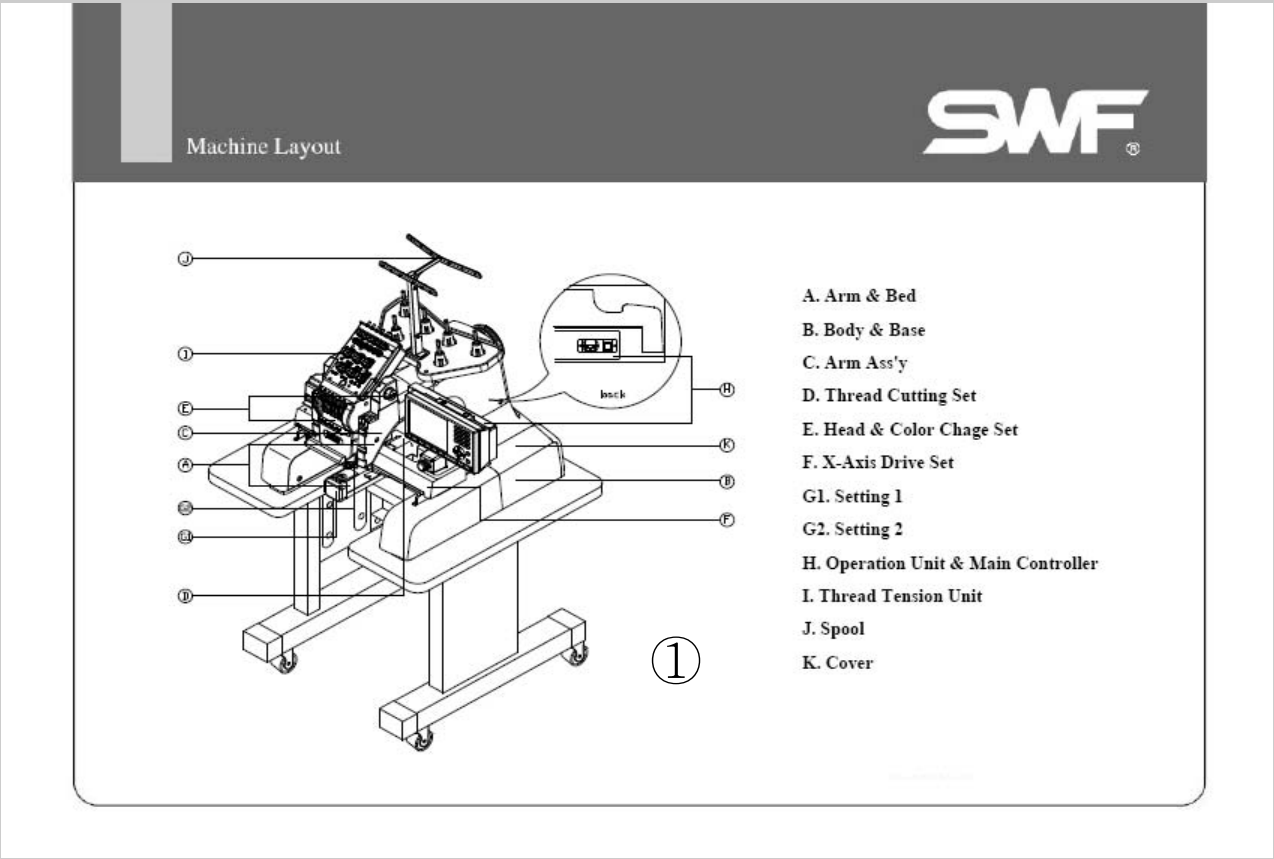
   1) Machine Layout
   2) Section
   3) Part List

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 sewing 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

Information

A. Structure of Part Book
1. Machine Layout



Information

A. Structure of Part Book

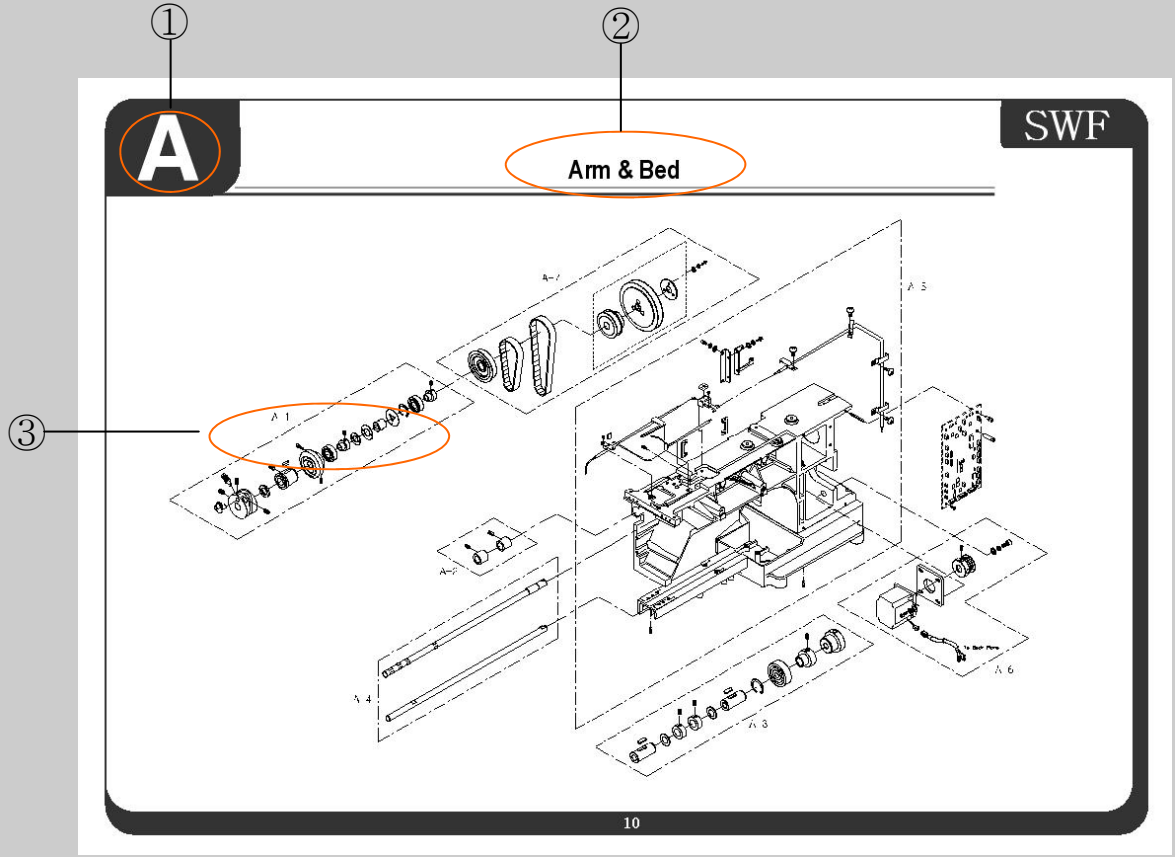
2. Section

① : Index Number

② : Index Group

③ : Related Parts

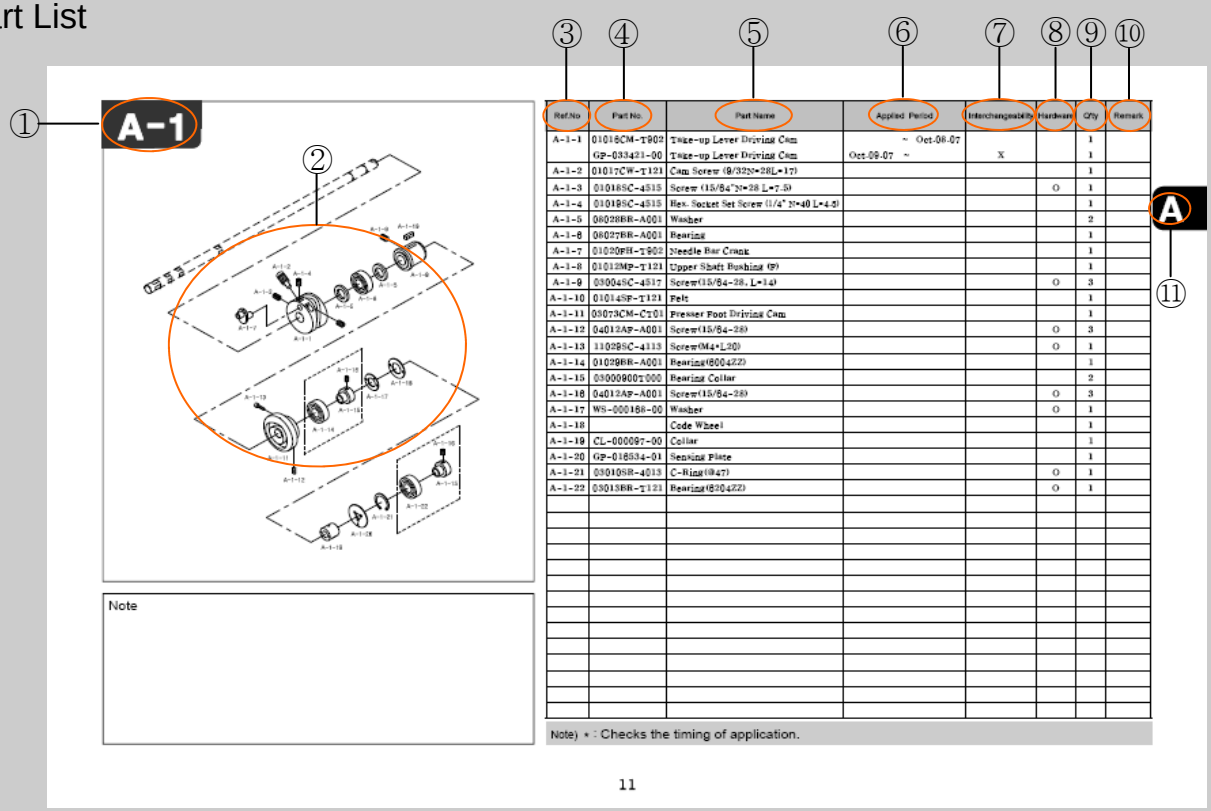
Ex) A-1, A-2, A-3...



Information

A. Structure of Part Book

3. Part List



Ref.No	Part No.	Part Name	Applied Period	Interchangeability	Hardware	Qty	Remark
A-1-1	01016CM-T902	Take-up Lever Driving Cam	~ Oct-08-07			1	
	GP-033421-00	Take-up Lever Driving Cam	Oct-09-07 ~	X		1	
A-1-2	01017CW-T121	Cam Screw (9/32N*28L*17)				1	
A-1-3	010185C-4515	Screw (15/64"N*28 L=7.5)			O	1	
A-1-4	010195C-4515	Hex. Socket Set Screw (1/4" N*40 L=4.5)				1	
A-1-5	08028BR-A001	Washer				2	
A-1-6	08027BR-A001	Bearing				1	
A-1-7	01020PH-T902	Needle Bar Crank				1	
A-1-8	01012MP-T121	Upper Shaft Bushing (F)				1	
A-1-9	030045C-4517	Screw(15/64-28, L=14)			O	3	
A-1-10	01014SF-T121	Felt				1	
A-1-11	03073CM-CT01	Presser Foot Driving Cam				1	
A-1-12	04012AP-A001	Screw(15/64-28)			O	3	
A-1-13	110295C-4113	Screw(M4*L30)			O	1	
A-1-14	01029BR-A001	Bearing(600422)				1	
A-1-15	030099001000	Bearing Collar				2	
A-1-16	04012AP-A001	Screw(15/64-28)			O	3	
A-1-17	WS-000168-00	Washer			O	1	
A-1-18		Code Wheel				1	
A-1-19	CL-000097-00	Collar				1	
A-1-20	GP-016534-01	Sensing Plate				1	
A-1-21	030108R-4013	C-Ring(047)			O	1	
A-1-22	03015BR-T121	Bearing(620422)			O	1	

① Index Number
Ex) A-1, A-2...

② Part View

Information

A. Structure of Part Book

③ Ref. No

④ Part No

Ex)

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

⑤ Parts Name : 파트들의 고유 품명을 표기

: Refers to unique names of parts

⑥ Applied Period

Ex1) 2007년2월10일 적용, 2008년7월10일 폐기

-> Feb.10.07 ~ Jul.10.08

Ex1) Applied from Feb. 10, 2007, To on July 10, 2008

-> Feb.10.07 ~ Jul.10.08

Ex2) 2007년 2월 10일 부터 파트북 발행일 까지 적용

-> Feb.10.07 ~

Ex2) Applied from Feb. 10, 2007

-> Feb.10.07 ~

Information

A. Structure of Part Book

⑦ Interchangeability

O : 구 부품을 신 부품으로 교환 가능
신 부품을 구 부품으로 교환 가능
: It is interchangeable between old and new part.

X : 구 부품을 신 부품으로 교환 불가능
신 부품을 구 부품으로 교환 불가능
: It is not interchangeable between old and new part.

△ : 구 부품을 신 부품으로 교환 가능
신 부품을 구 부품으로 교환 불가능
: It is interchangeable by new part only.

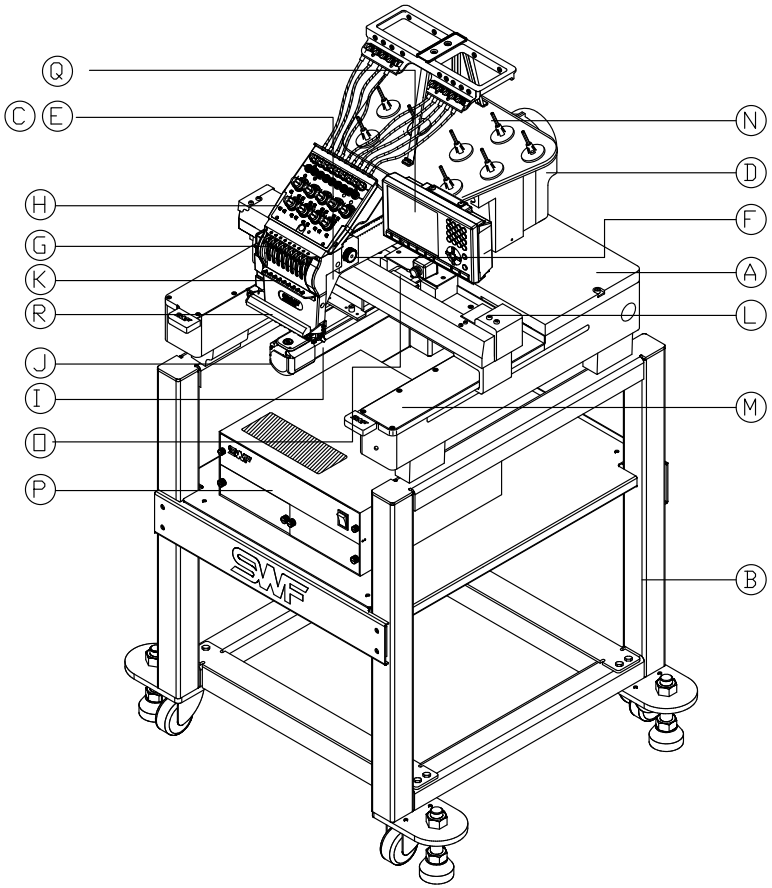
Interchangeability		
O	X	△
Old -> New: OK New -> Old : OK	Old -> New: NO New -> Old : No	Old -> New: OK New -> Old : No

⑧ Hardware : 시중에서 구매 할 수 있는 부품
: Parts that can be purchased in the market

⑨ Q'ty : 사용 파트의 수량을 표기
: Quantity of part

⑩ Remark

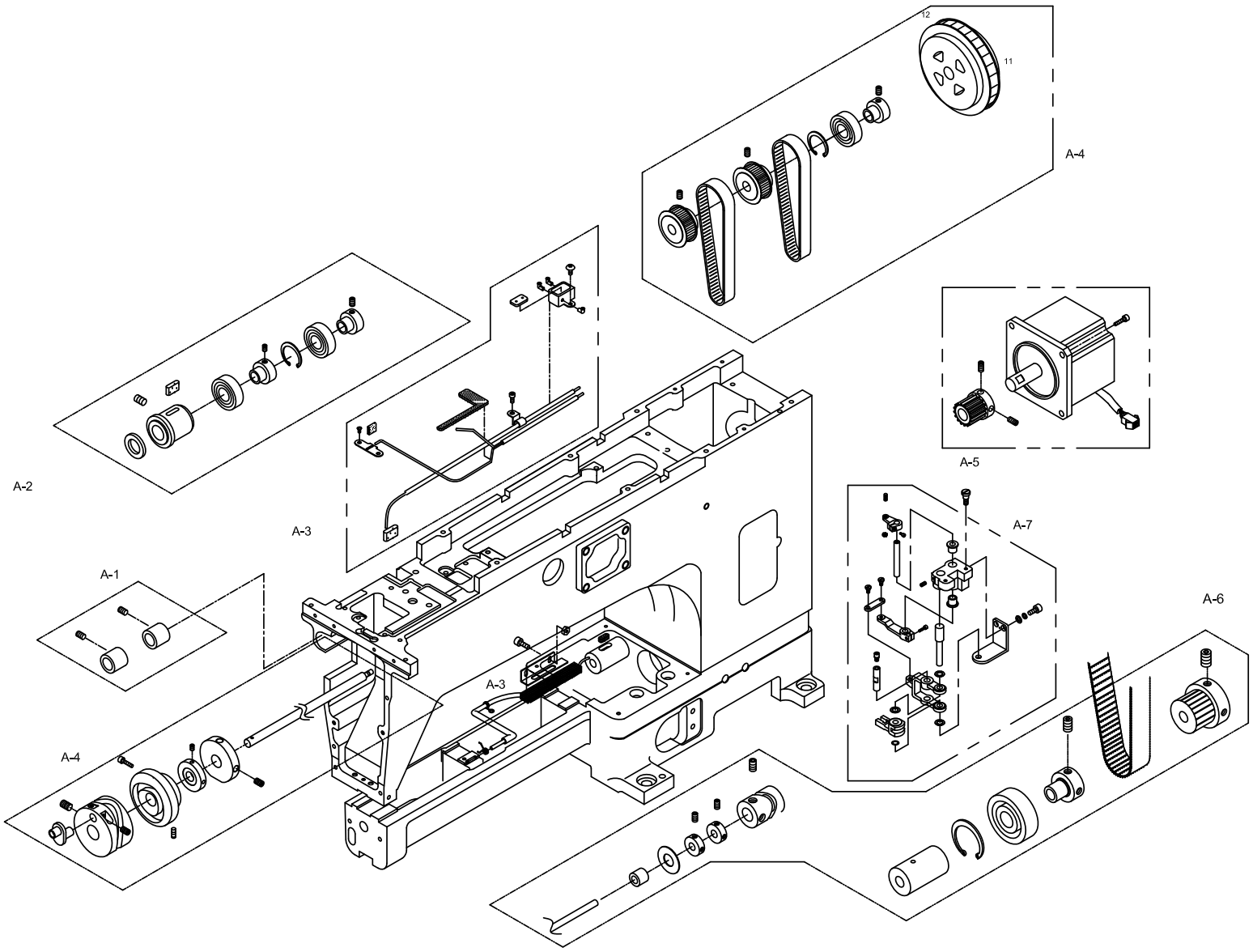
⑪ Index Number



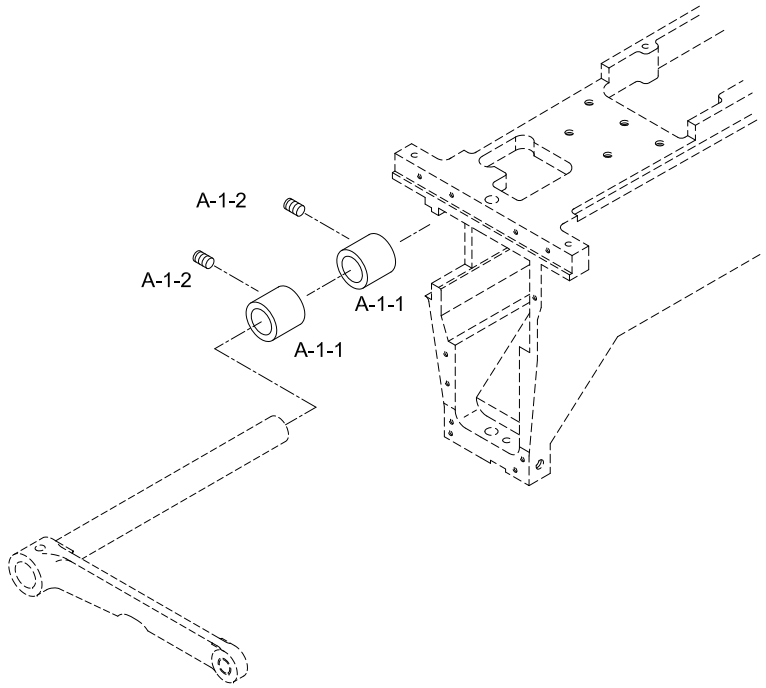
A. Base
B. Stand
C. Arm
D. Main Drive System
E. Wiper
F. Color Change Set
G. Head
H. Thread Tension Unit
I. Bed
J. Picker
K. Cutting
L. X-Axis
M. Y-Axis
N. Spool
O. Border
P. Control box
Q. O/P BOX
R. Lamp

CONTENT

Arm & Bed



A-1

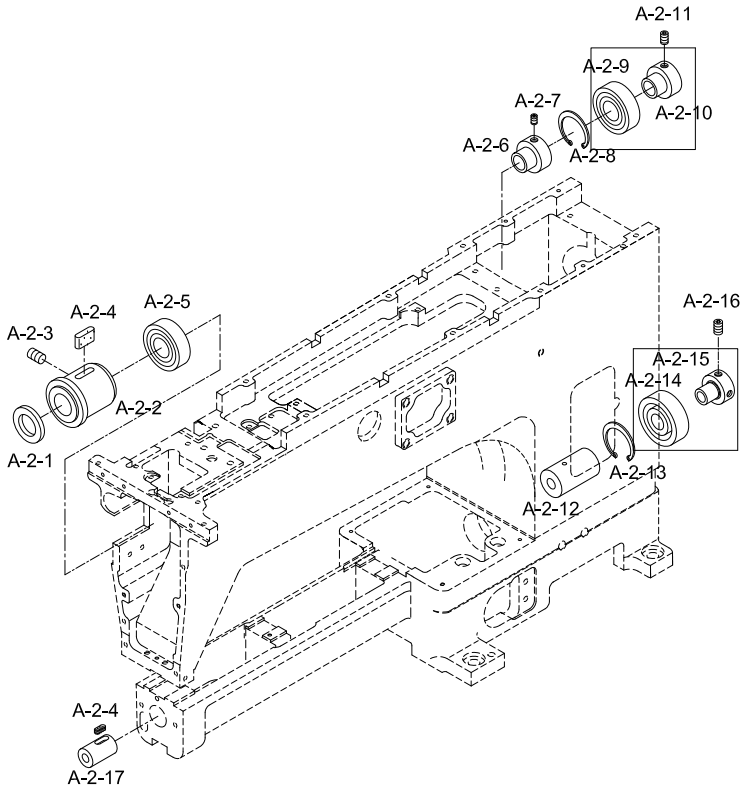


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-1-1	03000800C000	Presser Foot Dirving Bush				2	
A-1-2	03022SC-4517	Hex. Socket Set Screw (M4*L5)			O	2	

A

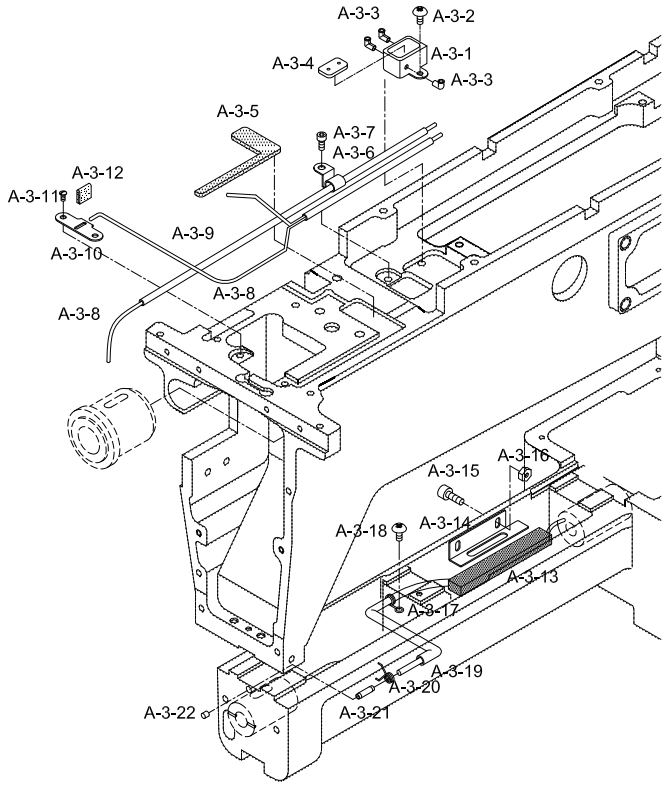
A-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-2-1	01015PR-T121	Washer			O	1	
A-2-2	01012MP-T121	Upper Shaft Bush (F)				1	
A-2-3	03004SC-4517	Screw (15/64" N=28 L=14)				1	
A-2-4	01014SF-T121	Felt				2	
A-2-5	01029BR-A001	Ball Bearing (6004Zz)			O	1	
A-2-6	03000900T000	Bearing Collar				1	
A-2-7	04012AF-A001	Hook Shaft Bush Screw			O	1	
A-2-8	03010SR-4013	C-Ring (@47)			O	1	
A-2-9	03013BR-T121	Ball Bearing (6204Zz)			O	1	
A-2-10	03000900T000	Bearing Collar				1	
A-2-11	04012AF-A001	Hook Shaft Bush Screw			O	1	
A-2-12	02001000T000	Hook Shaft Bush (M)				1	
A-2-13	04012SR-4013	C-Ring (@32)			O	1	
A-2-14	02015BR-T121	Bearing 6201ZZ(KBC)			O	1	
A-2-15	02001600T000	Bearing Collar				1	
A-2-16	04012AF-A001	Hook Shaft Bush Screw			O	1	
A-2-17	02000300T000	Hook Shaft Front Bushing				1	

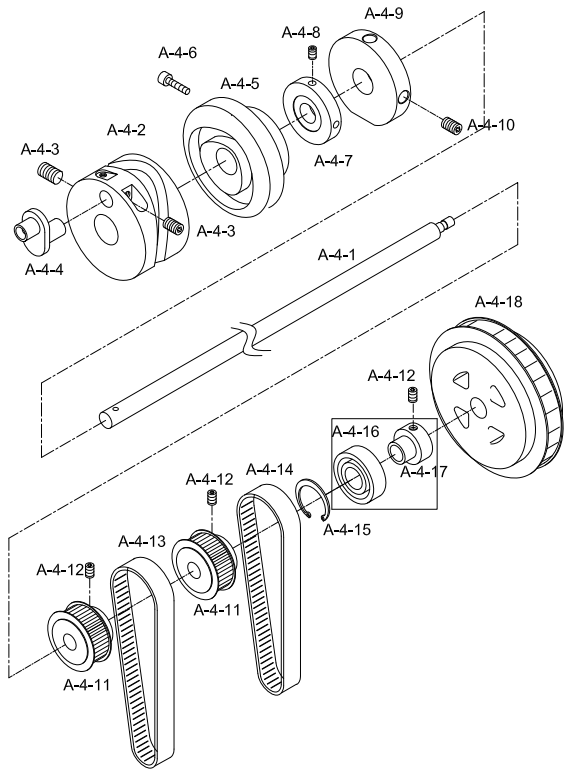
A-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-3-1	01002210T000	Oil Storing Box				1	
A-3-2	02010SC-3123	Truss Screw (M4*L8)			O	2	
A-3-3	01002300T000	Oil Tube Pin				3	
A-3-4	01002400T000	Oil Storing Felt				1	
A-3-5	32026SF-T121	Arm Felt				1	
A-3-6	32015PR-T121	Oil Hose Holder "B"				1	
A-3-7	02014SC-7113	HEX. SOCKET BOLT (M4*L5)			O	1	
A-3-8	32012ET-T121	Oil Hose				1	
A-3-9	32025ET-T121	Wick				1	
A-3-10	32028PR-T121	Felt Holder For Crank Rod				1	
A-3-11	05041SC-A001	Guide Rail Screw			O	2	
A-3-12	32027SF-T121	Felt For Crank Rod				1	
A-3-13	32039SF-CT01	Bed Felt				1	
A-3-14	32040PR-CT01	Bed Felt Cover				1	
A-3-15	02023SC-7113	HEX.SOCKET BOLT (M4*L8)			O	2	
A-3-16	05016SN-1211	Hex.Nut (M4)			O	2	
A-3-17	32021SP-T121	Needle Bar Hose Holder "B"				1	
A-3-18	28021SC-3123	Truss Screw (M3*L4)			O	1	
A-3-19	32044ET-T121	Oil Hose L=200				1	
A-3-20	32046SP-T121	Holder For Oil Hose				1	
A-3-21	32045CW-T121	Oil Hose Pin				1	
A-3-22	32047RB-T121	Oil Rubber Cap				1	

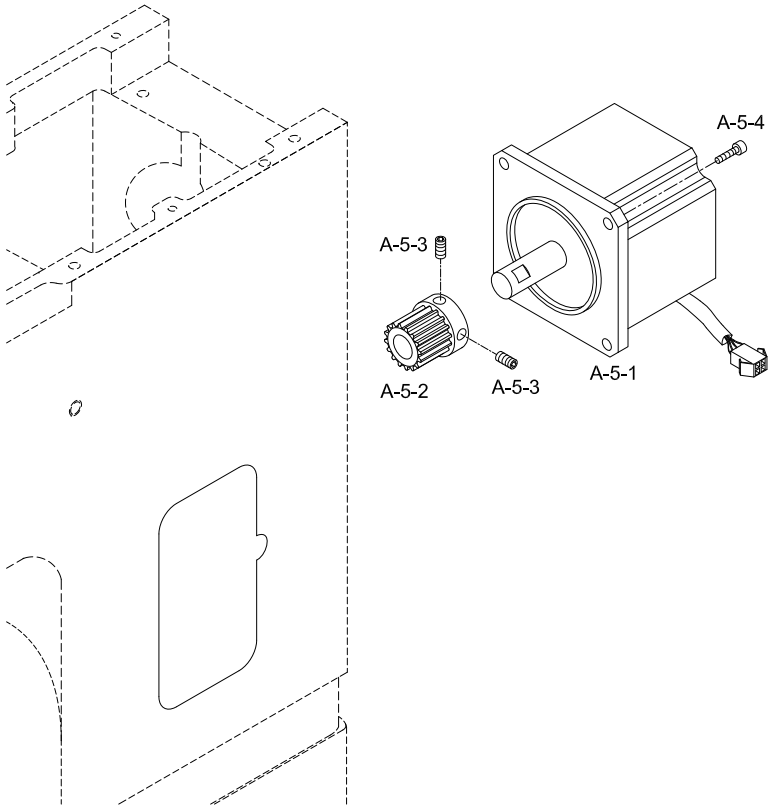
A-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-4-1	03002SH-CT01	Upper Shaft				1	
A-4-2	01016CM-T121	Take-Up Lever Driver Cam				1	
A-4-3	04016AF-A001	Cam Collar Screw				1	
A-4-4	01020FH-T121	Needle Bar Crank				1	
A-4-5	03073CM-CT01	Presser Foot Driver Cam				1	
A-4-6	11029SC-4113	Hex. Socket Bolt (M4*L20)			O	1	
A-4-7	GP-013375-00	Bobbin Winder Wheel				1	
A-4-8	04012AF-A001	Screw			O	2	
A-4-9	GP-008781-00	Stopping Wheel For Upper Shaft				2	
A-4-10	04012AF-A001	Hook Shaft Bush Screw			O	4	
A-4-11	01005PU-T121	Upper Shaft Timing Pulley				2	
A-4-12	04012AF-A001	Hook Shaft Bush Screw			O	10	
A-4-13	01043BT-T121	Timing Belt				1	
A-4-14	14015BT-CT01	Timing Belt				1	
A-4-15	03010SR-4013	C-Ring (@47)			O	1	
A-4-16	03013BR-T121	Ball Bearing (6204Zz)			O	1	
A-4-17	03000900T000	Bearing Collar				1	
A-4-18	GP-038115-01	Hand Pulley				1	

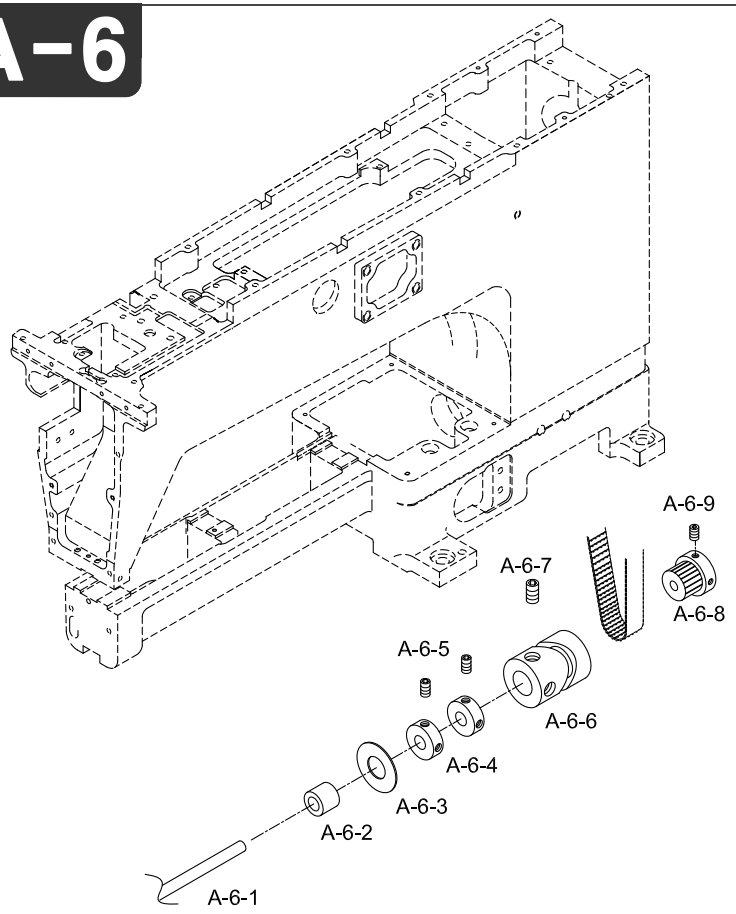
A-5



Note

Ref.No	Part No.		Application date	Interchangeability	Hardware	Q'ty	Remarks
A-5-1	14001MT-CT01	Main Driving Motor				1	
A-5-2	GP-008363-00	Timing Pulley for Main Motor				1	
A-5-3	04012AF-A001	Hook Shaft Bush Screw			O	2	
A-5-4	14027SC-4113	Hex.Socket Bolt(M8*L30)			O	4	

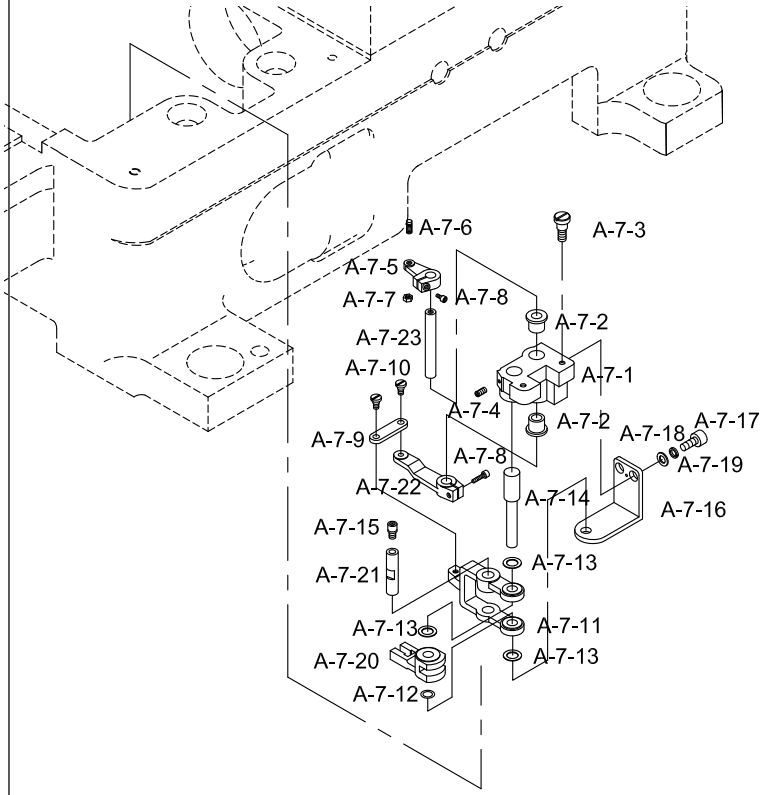
A-6



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-6-1	01000700C000	Hook Shaft				1	
A-6-2	08037CW-T121	Mes Cam Bush				1	
A-6-3	08036CM-T121	Mes Cam				1	
A-6-4	02004BR-T121	Hook Shaft Bearing Washer				1	
A-6-5	08033CW-T121	Mes Cam Position Collar				2	
A-6-6	03020SC-A001	Drive Pin Screw 11/64,N40,L8				4	
A-6-7	04016AF-A001	Cam Collar Screw			O	2	
A-6-8	04012AF-A001	Hook Shaft Bush Screw			O	6	
A-6-9	02018PU-T121	Hook Shaft Timing Pulley				1	

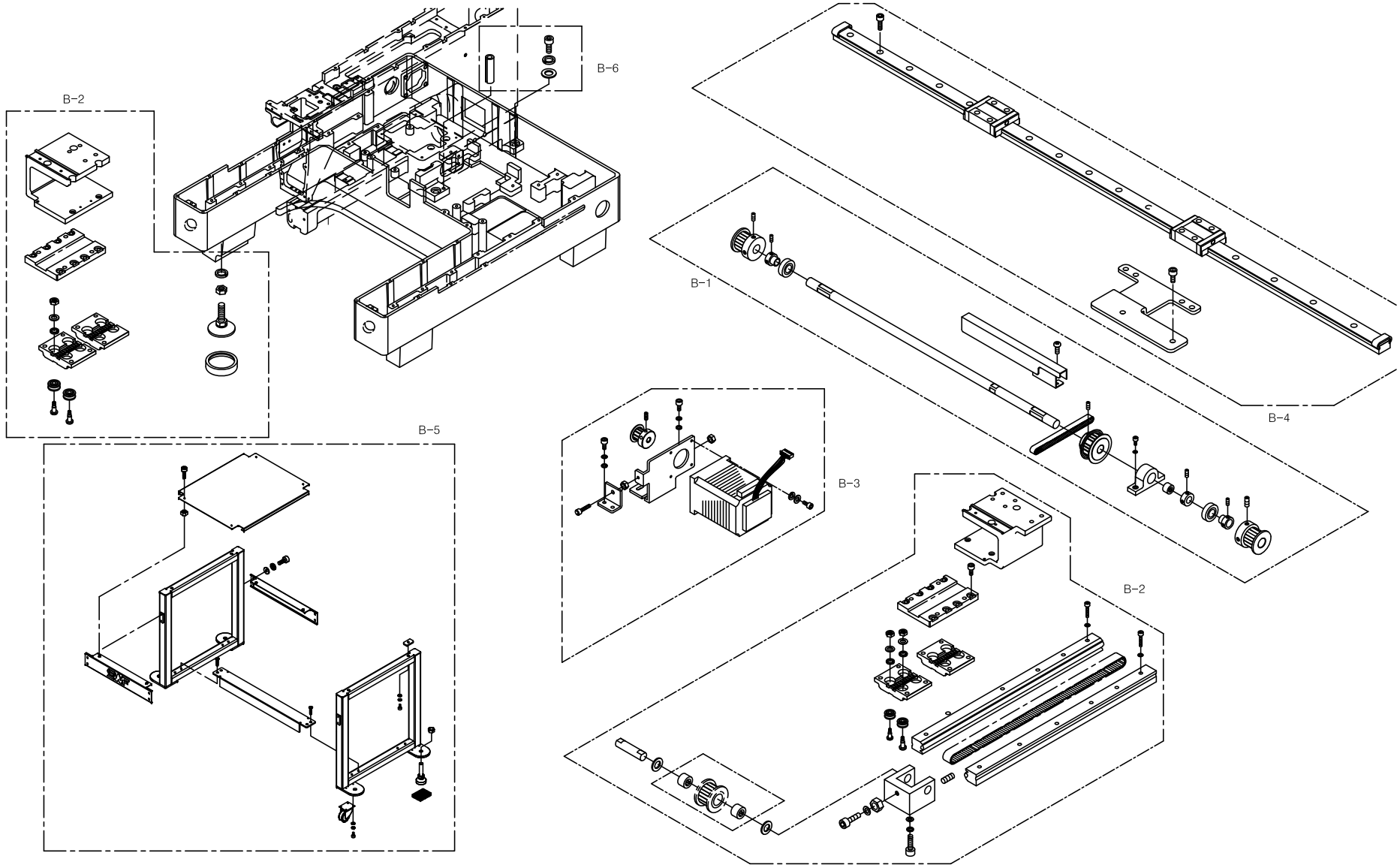
A-7



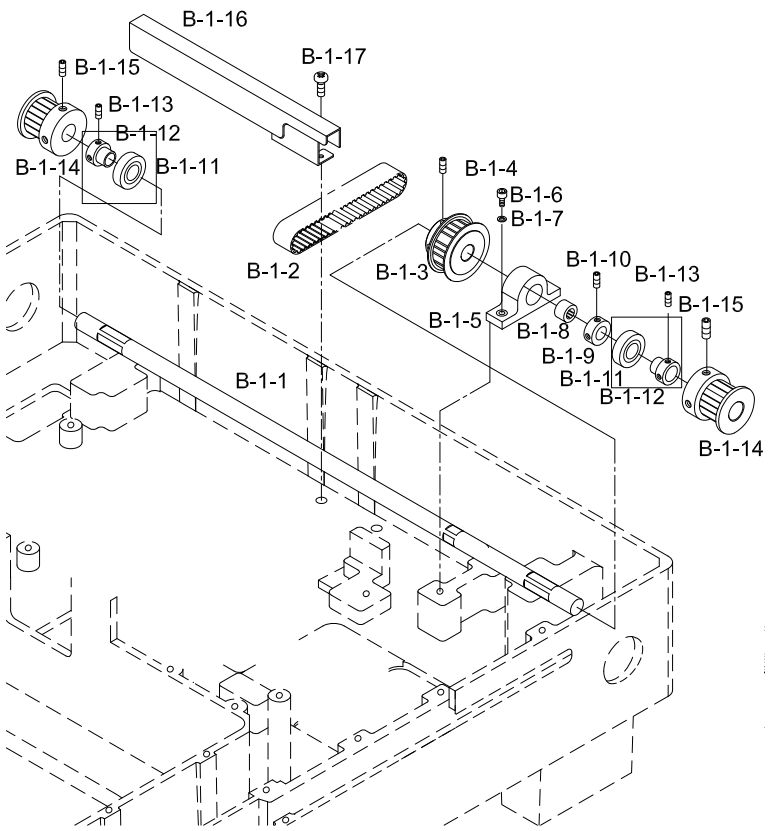
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
A-7-1	08010CL-T121	Mes Lever Shaft Bracket				1	
A-7-2	07021MP-T121	Lever Shaft Bush				2	
A-7-3	08011CW-T121	Stud Screw				2	
A-7-4	13013SC-4517	Hex.Socket Bolt (15/64",N=28)			O	1	
A-7-5	08014FH-T121	Mes Driving Lever (U)				1	
A-7-6	07023CW-T121	Lever Pin "A"				1	
A-7-7	02029SN-9311	HEX. NUT (M4-NO2)				1	
A-7-8	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	2	
A-7-9	08031PR-T121	Mes Lever Connecting Link				1	
A-7-10	08022SC-A001	Lever Stud				2	
A-7-11	08027CL-T121	Mes Lever				1	
A-7-12	08022RB-T121	O-Ring (@10)			O	1	
A-7-13	07024BR-UK01	Fiber Washer(R-Tw0805)				3	
A-7-14	08018CW-T121	Mes Lever Shaft				1	
A-7-15	08023AF-T121	Mes Cam Roller Set				1	
A-7-16	08027PR-T121	Mes Lever Supporter				1	
A-7-17	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	2	
A-7-18	02028SW-9115	Spring Washer (@4)			O	2	
A-7-19	05009SW-1111	Washer (@4-L)			O	4	
A-7-20	03302500T000	Mes Driving Crank				1	
A-7-21	03302400T000	Mes Cam Roller Driving Shaft				1	
A-7-22	03301900T000	Mes Driving Lever				1	
A-7-23	02002200T000	Mes Driving Lever Shaft				1	

Body & Base



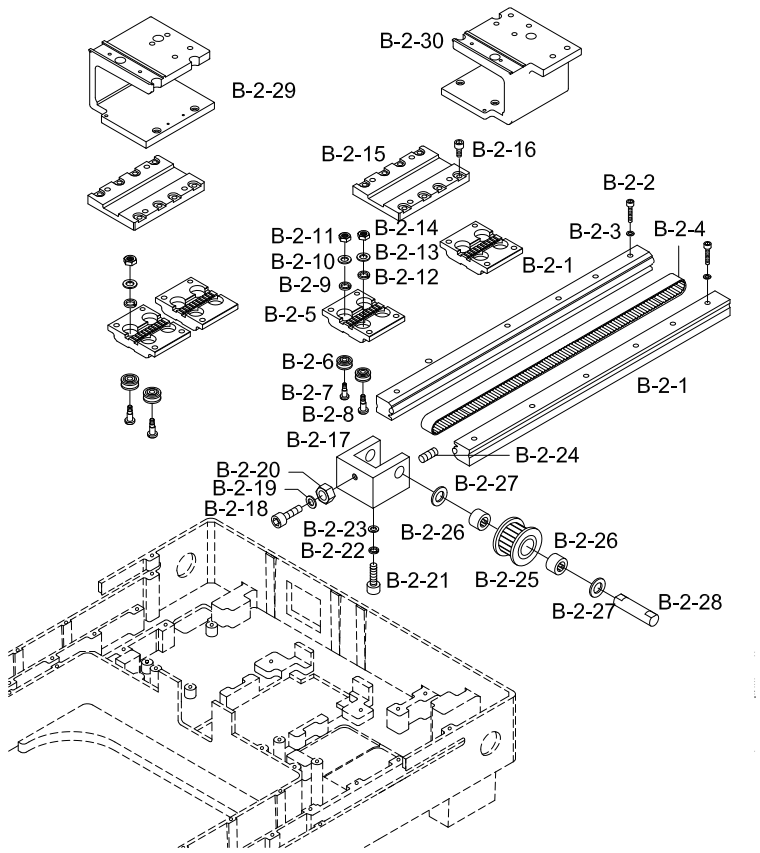
B-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-1-1	GP-013363-00	Base				1	
B-1-2	BE-000030-00	Timing Belt				1	
B-1-3	16033PU-CT01	Y-Drive Timing Pulley				1	
B-1-4	04012AF-A001	Hook Shaft Bush Screw			O	4	
B-1-5	CA-000951-00	Y-Bearing Bracket				1	
B-1-6	16059SC-7113	HEX.SOCKET BOLT (M6*L12)			O	2	
B-1-7	08057SW-1111	Washer (@6)			O	2	
B-1-8	16069BR-CT01	Y-Axis Bearing				1	
B-1-9	13027CW-T121	Bearing Collar				1	
B-1-10	04012AF-A001	Hook Shaft Bush Screw			O	2	
B-1-11	13026BR-T121	Needle Bearing (6002Z)			O	2	
B-1-12	03002700T000	Bearing Collar				2	
B-1-13	04012AF-A001	Hook Shaft Bush Screw				4	
B-1-14	13033PU-T121	Y-Drive Timing Pulley				2	
B-1-15	04012AF-A001	Hook Shaft Bush Screw			O	4	
B-1-16	01007PR-CT01	Cable Guide "C"				1	
B-1-17	18153SC-3123	Plus Screw (M4*L10)			O	2	

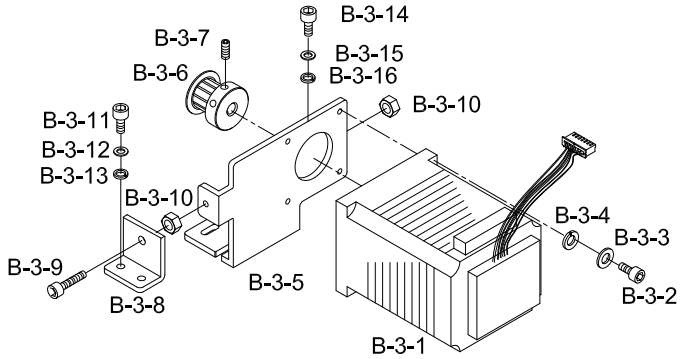
B-2

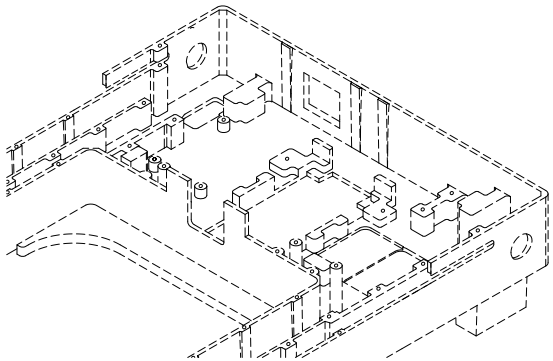


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-2-1	16001AD-CT01	Y-Cam Roller Guide Rail				4	
B-2-2	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	24	
B-2-3	18014SW-3115	Spring Washer (@4-No2)			O	24	
B-2-4	16070BT-CT01	Y-Timing Belt				2	
B-2-5	16013CL-CT01	Timing Belt Fix Plate Y				4	
B-2-6	15001BR-B001	Cam Roller Bearing			O	16	
B-2-7	15003CW-B001	Cam Roller Stud (B)				8	
B-2-8	15002CW-B001	Cam Roller Stud (A)				8	
B-2-9	18048SW-3115	Spring Washer (5@)			O	16	
B-2-10	18049SW-3111	Washer (@5)			O	16	
B-2-11	12010SN-1211	Hex.Nut (M5)			O	16	
B-2-12	18014SW-3115	Spring Washer (@4-No2)			O	16	
B-2-13	18015SW-3111	Washer (4@)			O	16	
B-2-14	15029SN-3211	Hex. Nut (M4-No2)			O	16	
B-2-15	16014AD-CT01	Bearing Block Y				2	
B-2-16	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	16	
B-2-17	13036AD-T121	Y-Axis Tension Adjusting Base				2	
B-2-18	15030SC-7113	HEX. SOCKET BOLT (M5*L30)			O	2	
B-2-19	18049SW-3111	Washer (@5)			O	2	
B-2-20	12010SN-1211	Hex.Nut (M5)			O	2	
B-2-21	14046SC-7113	HEX.SOCKET BOLT (M6*L30)			O	2	
B-2-22	08057SW-1111	Washer (@6)			O	2	
B-2-23	16014SW-4115	Spring Washer (@6)			O	2	
B-2-24	03022SC-4517	Hex. Socket Set Screw(M4*L5)			O	4	
B-2-25	12017PU-T121	Timing Pulley "A"				2	
B-2-26	12018BR-T121	Needle Bearing Hk1010(Ina)				4	
B-2-27	12019BR-T121	Fiber Washer R-Tw1020				4	
B-2-28	03204200T000	Y-Frame Tension Shaft				2	
B-2-29	GP-013372-01	Y-Connecting Bracket(L)				1	
B-2-30	GP-013373-01	Y-Connecting Bracket(R)				1	

B-3

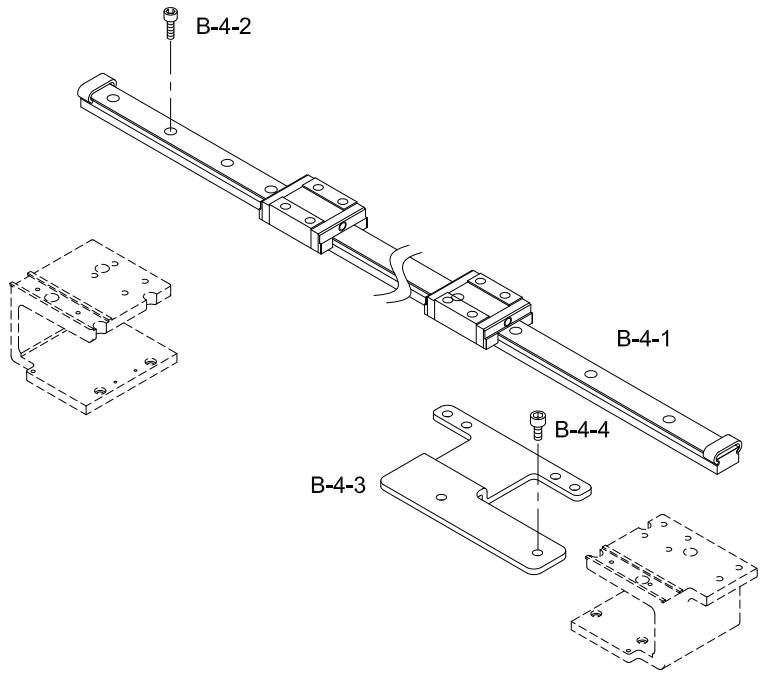




Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-3-1	STMO1-000001	Y-Motor				1	
B-3-2	15105SC-7113	HEX.SOCKET SCREW (M4*L15)			O	4	
B-3-3	18015SW-3111	Washer (4@)			O	4	
B-3-4	18014SW-3115	Spring Washer (@4-No2)			O	4	
B-3-5	GP-013369-00	Y Motor Bracket	Arp,03,06	X		1	
	GP-013369-01		Arp,04,06	△		1	
B-3-6	16024PU-CT01	Y Motor Timing Timing Pulley				1	
B-3-7	04012AF-A001	Hook Shaft Bush Screw			O	4	
B-3-8	16027PR-CT01	Y Tension Adjusting Bracket				1	
B-3-9	15030SC-7113	HEX. SOCKET BOLT (M5*L30)			O	1	
B-3-10	12010SN-1211	Hex.Nut (M5)			O	2	
B-3-11	18047SC-7113	Hex Socket Bolt (M5*L15)			O	2	
B-3-12	18049SW-3111	Washer (@5)			O	2	
B-3-13	18048SW-3115	Spring Washer (5@)			O	2	
B-3-14	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	4	
B-3-15	18049SW-3111	Washer (@5)			O	4	
B-3-16	18048SW-3115	Spring Washer (5@)			O	4	

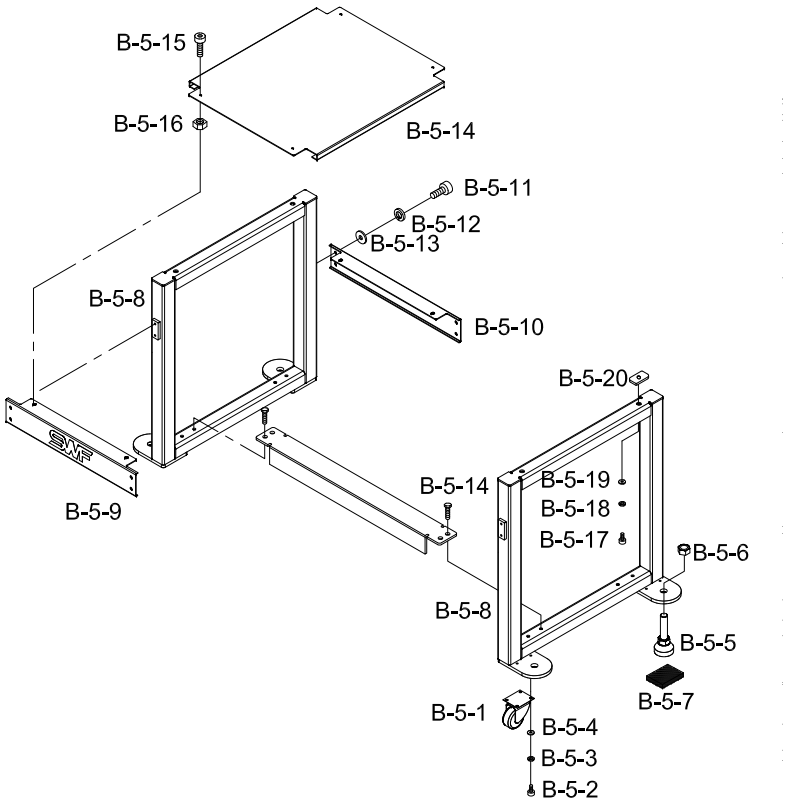
B-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-4-1	12033LM-T121	Lm Guide (2Rsr15Vmuu+920L)				1	
B-4-2	15039SC-7113	HEX.SOCKET BOLT (M3*L15)			O	4	
B-4-3	GP-013367-00	X-Sensor Bracket				1	
B-4-4	22006SC-7113	HEX. SOCKET BOLT (M3*L8)			O	2	

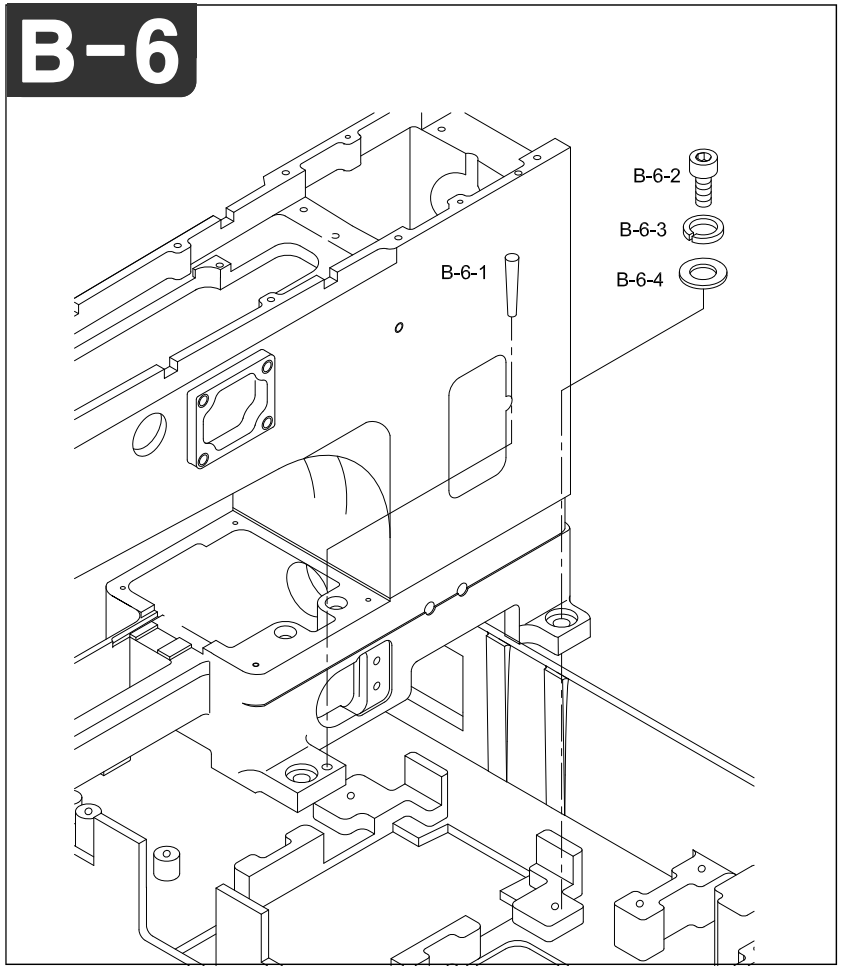
B-5



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-5-1	24007AF-T121	Hammer Caster Set (Rubber)				4	
B-5-2	08035SC-7113	HEX. SOCKET BOLT (M6*L10)			O	16	
B-5-3	16014SW-4115	Spring Washer (@6)			O	16	
B-5-4	08057SW-1111	Washer (@6)			O	16	
B-5-5	26012BM-T121	Bolt Set				4	
B-5-6	02036SN-7211	HEX. NUT (M20-NO2)			O	4	
B-5-7	01017RB-T121	Rubber				4	
B-5-8	AS-003794-00	STAND FRAME				2	
B-5-9	GP-014479-00	STAND CONNECTING BRACKET (F)				1	
B-5-10	26102PR-CT01	STAND CONNECTING BRACKET (R)				1	
B-5-11	08091SC-7113	HEX. SOCKET BOLT (M6*L20)			O	8	
B-5-12	16014SW-4115	Spring Washer (@6)			O	8	
B-5-13	08057SW-1111	Washer (@6)			O	8	
B-5-14	26103PR-CT01	STAND TABLE (MIDDLE)				1	
B-5-15	06010SC-7111	TRUSS SCREW (M6*L10)			O	4	
B-5-16	06000MN-3111	KNURLED HEX.NUT(M6)			O	4	
B-5-17	12035MC-4113	HEX.SOCKET BOL (M12*L35)			O	4	
B-5-18	14032SW-3115	SPRING WASHER (12@)			O	4	
B-5-19	14031SW-4111	WASHER (@12)			O	4	
B-5-20	26026RB-CT01	BASE SUPPORTING RUBBER				4	

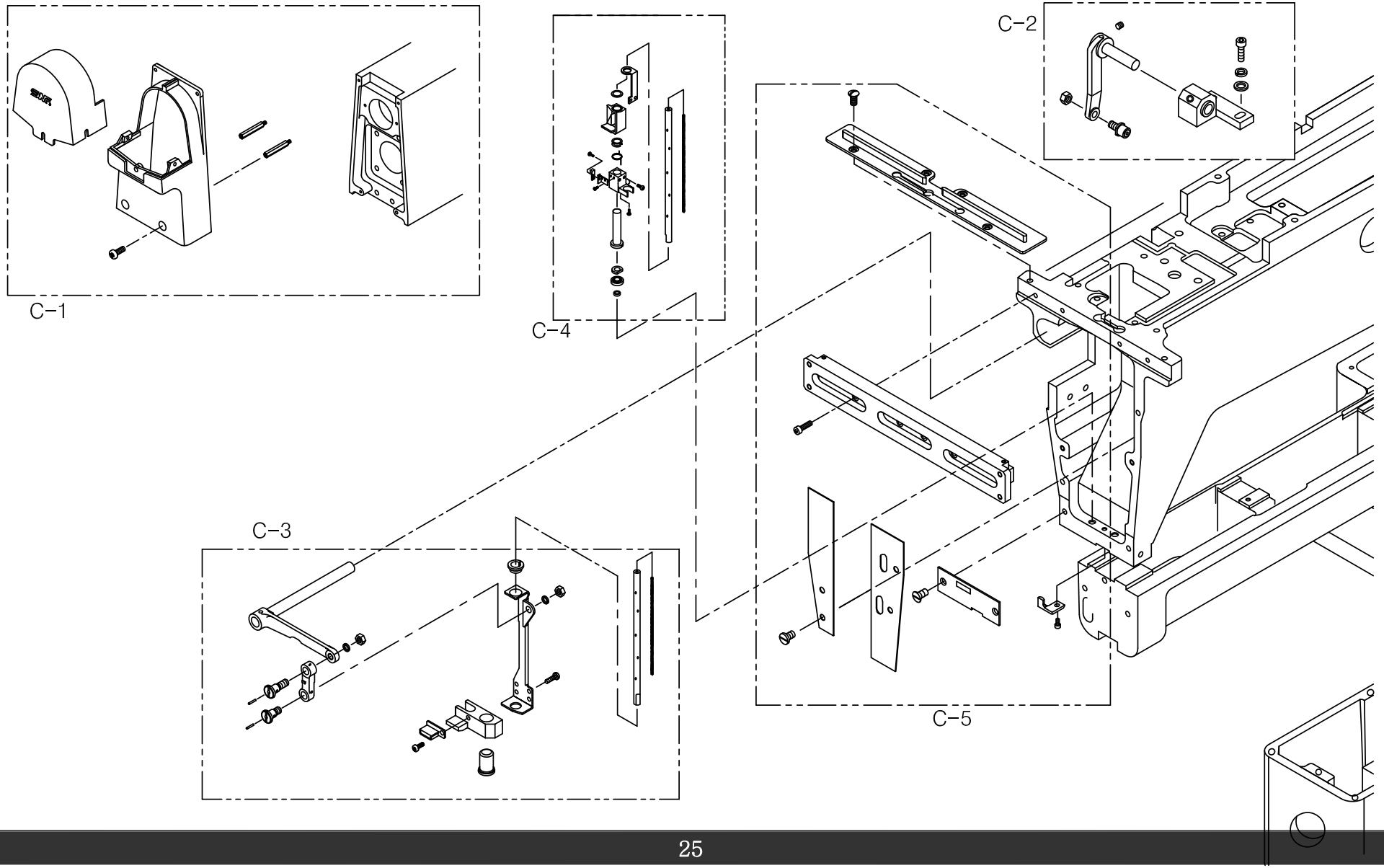
B-6



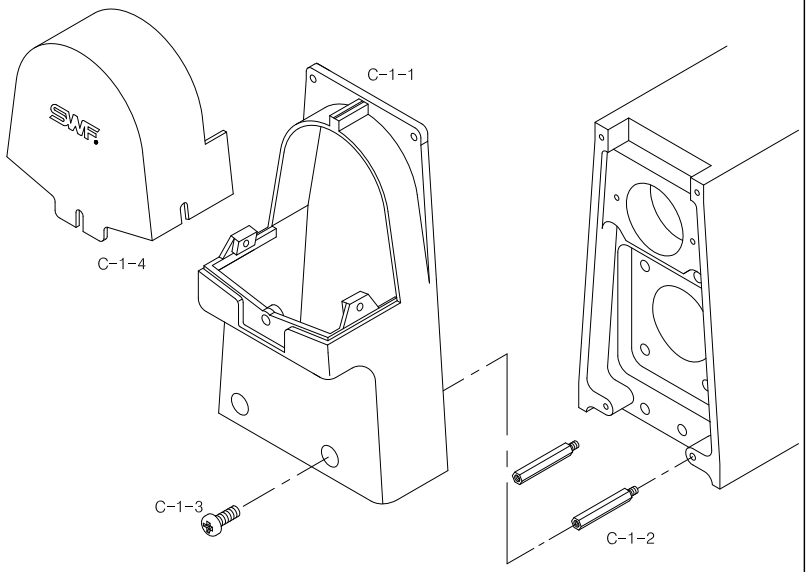
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
B-6-1	01008ET-T121	Spring Pin(@6*L30)				2	
B-6-2	14027SC-4113	Hex.Socket Bolt (M8*L30)			O	4	
B-6-3	15095SW-3115	SPRING WASHER (@8)			O	4	
B-6-4	04029SW-A001	Stud Bolt Washer(S) (@8)			O	4	

Arm Ass'y



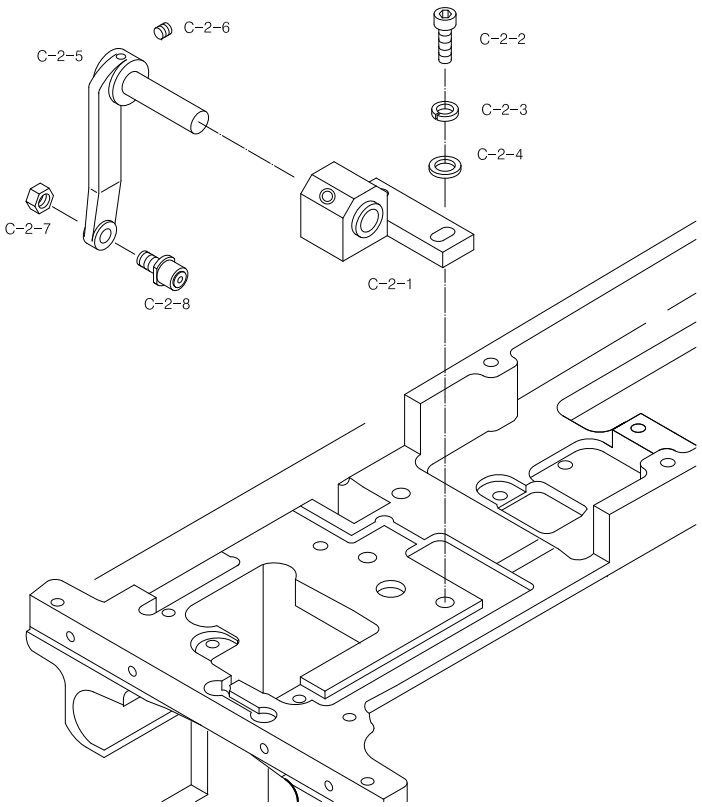
C-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-1-1	GP-015100-00	Belt Cover (A)				1	
C-1-2	02004CW-CT01	Belt Cover Stud Bolt (B)				2	
C-1-3	18153SC-3123	Plus Screw (M4*L10)			O	7	
C-1-4	02002PM-T121	Belt Cover (B)				1	

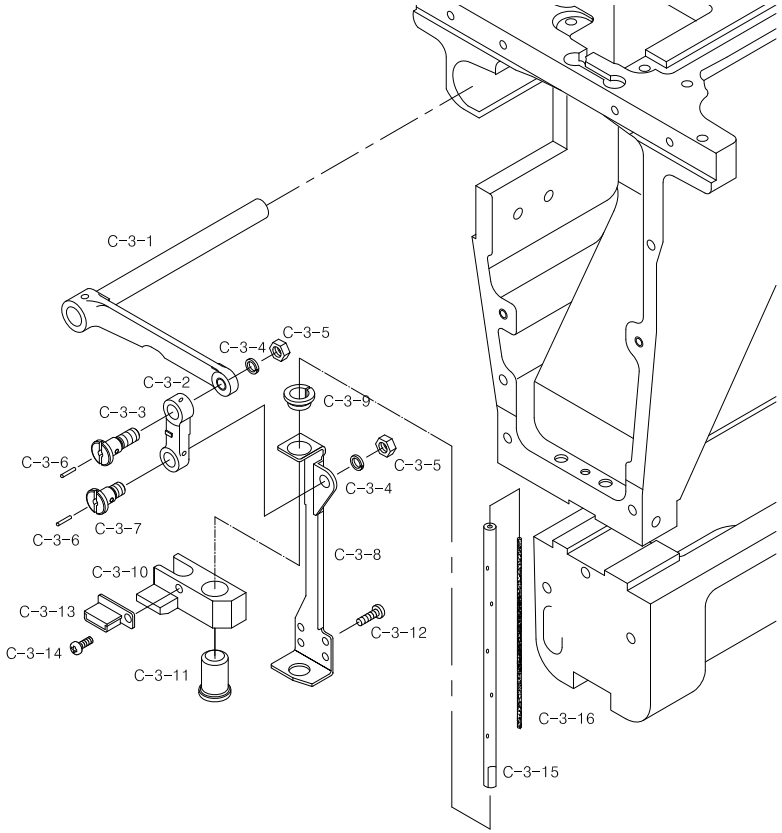
C-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-2-1	04016CL-T121	Take-Up Driving Base Set				1	
C-2-2	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	2	
C-2-3	16018SW-1111	Washer (@5)			O	2	
C-2-4	18048SW-3115	SPRING WASHER (5@)			O	2	
C-2-5	04005BM-T121	Take-Up Driving Lever(A) Set				1	
C-2-6	03022SC-4517	Hex. Socket Set Screw(M4*L5)			O	1	
C-2-7	12010SN-1211	HEX.NUT (M5)			O	1	
C-2-8	04010BR-CT01	Roller Bearing Iko Cfs4V				1	

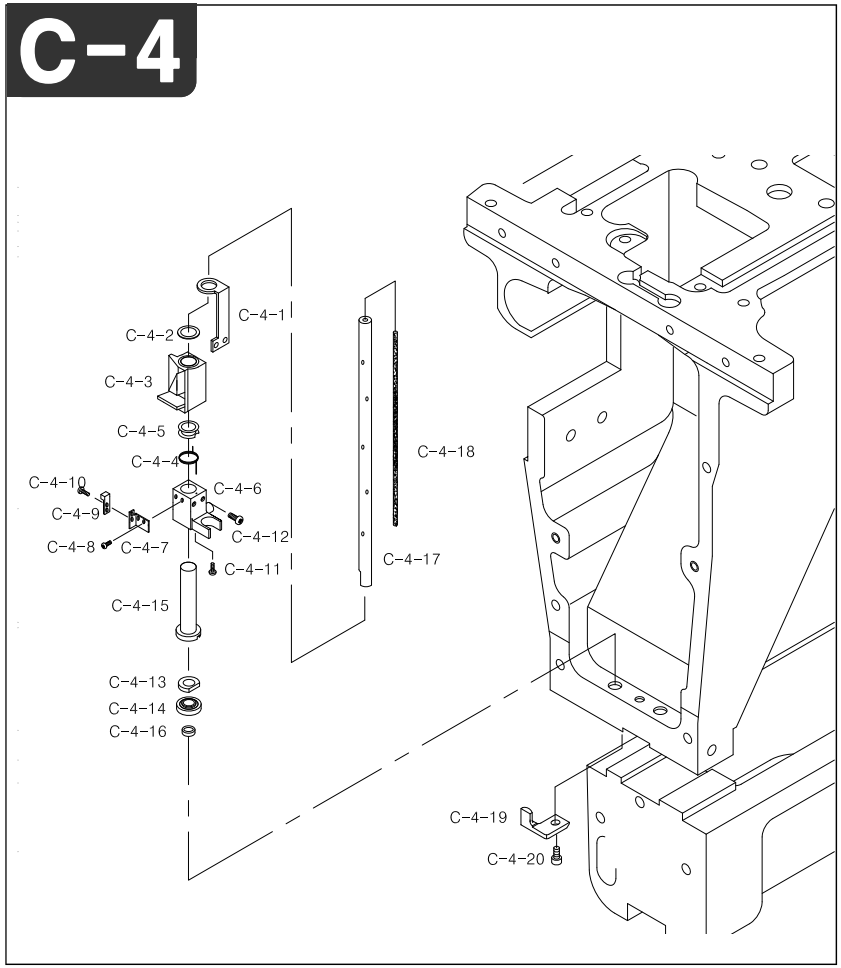
C-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-3-1	03083FH-CT01	Presser Foot Driving Lever (L)				1	
C-3-2	03008500C000	Foot Driving Connecting Link				1	
C-3-3	03086SC-CT01	Connecting Link Stud Screw A				1	
C-3-4	18048SW-3115	Spring Washer (5@)			O	2	
C-3-5	12010SN-1211	Hex.Nut (M5)			O	2	
C-3-6	-	Wick				2	
C-3-7	03087SC-CT01	Connecting Link Stud Screw B				1	
C-3-8	03090PR-CT01	Foot Reciprocator Bracket				1	
C-3-9	03091PM-CT01	Foot Reciprocator Bracket B/S				1	
C-3-10	03092AD-CT01	Presser Foot Reciprocator				1	
C-3-11	03093CW-CT01	Presser Foot Reciprocator B/S				1	
C-3-12	08006SC-8118	Plus Screw (M3*L5)			O	4	
C-3-13	03095RB-CT01	Presser Foot Stopper				1	
C-3-14	08006SC-8118	Plus Screw (M3*L5)			O	1	
C-3-15	03204100A000	NEEDLE BAR DRIVING SHAFT				1	
C-3-16	32013ET-T121	Wick				1	

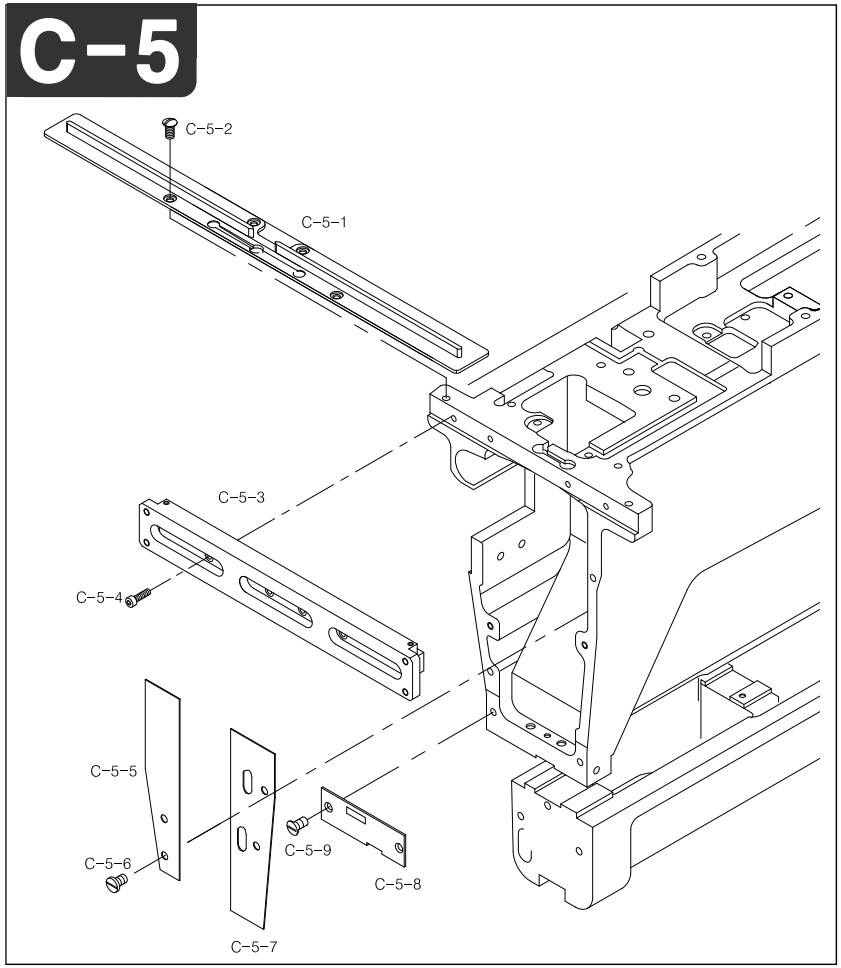
C-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-4-1	03041PR-CT01	Driver Link Plate					
C-4-2	03048SW-A001	Reciprocator Washer					
C-4-3	03049PM-CT01	Needle Bar Reciprocator					
C-4-4	03043SP-CT01	Jump Spring					
C-4-5	03046CW-B001	Jump Spring Guide					
C-4-6	03038FH-CT01	Needle bar Driving Shaft Driver					
C-4-7	03045PR-CT01	Stopper Bracket					
C-4-8	07018SC-8118	PLUS SCREW (M3*L8)			O		
C-4-9	03047PM-CT01	Reciprocator Stopper					
C-4-10	03046SC-8118	Plus Screw (M3*L5)			O		
C-4-11	03006MC-3123	TRUSS SCREW (M3*L6)			O		
C-4-12	03006MC-8118	PLUS SCREW (M3*L6)			O		
C-4-13	03042SF-T121	Felt "A"					
C-4-14	03051BR-A001	Ball Bearing 689 (Ntn)			O		
C-4-15	03103900C000	Needle Bar Driving Shaft Bush					
C-4-16	03004400A000	Needle Bar Drive Bearing Bush					
C-4-17	03204100A000	NEEDLE BAR DRIVING SHAFT					
C-4-18	32013ET-T121	Wick					
C-4-19	03056CL-B001	Head Rail Holder					
C-4-20	03057SC-T121	Head Rail Holder Screw			O		

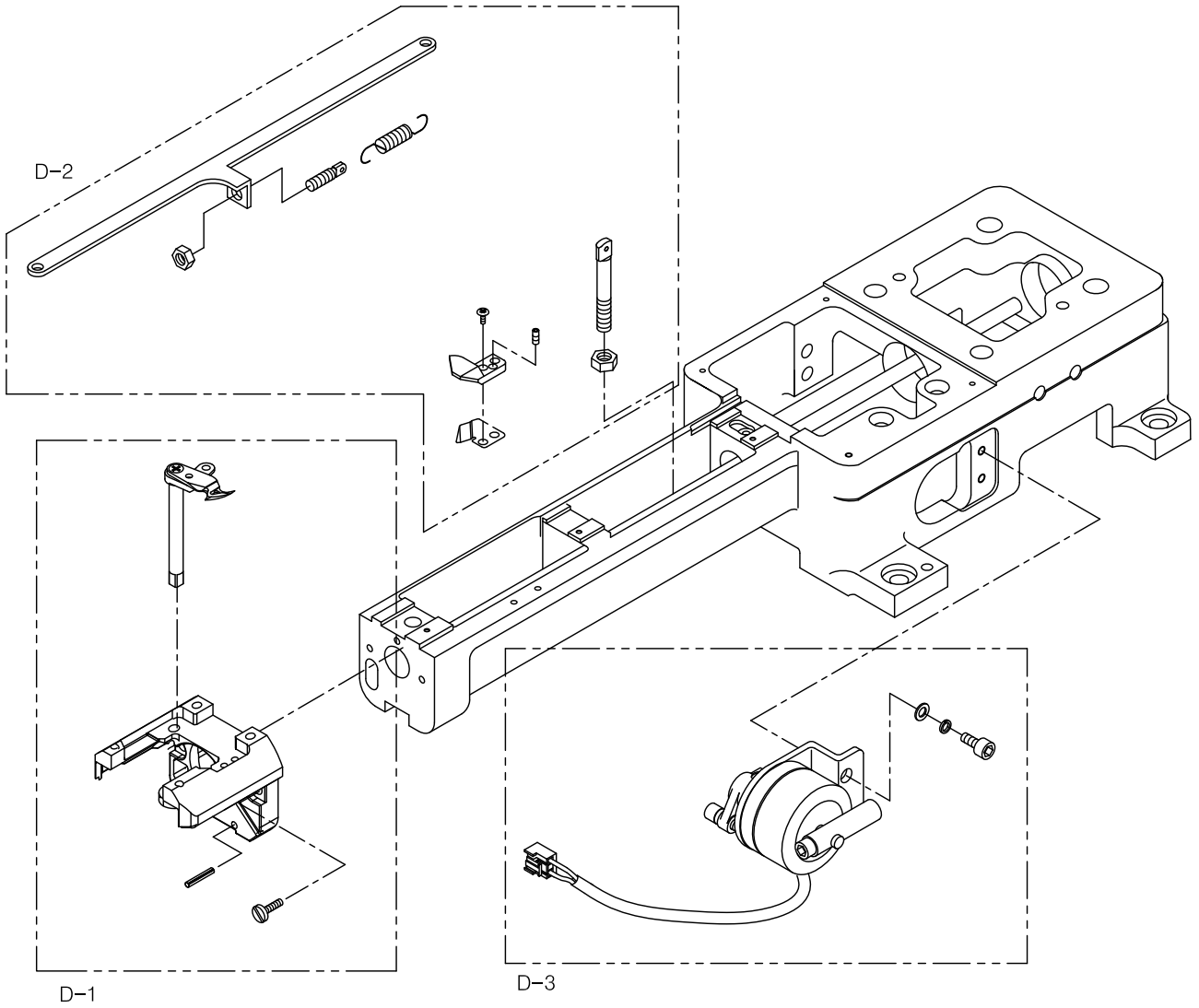
C-5



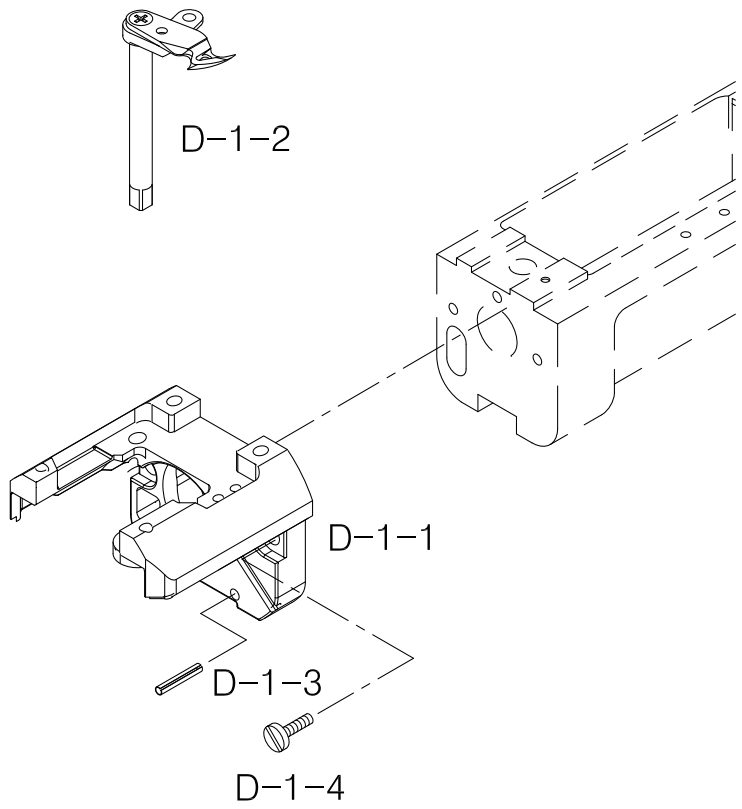
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
C-5-1	07000101C010	Take-Up Guide Rail (6C)				1	
	07000103C010	Take-Up Guide Rail (9C)					
	07000102C010	Take-Up Guide Rail (12C)					
	07000105T010	Take-Up Guide Rail (15C)					
C-5-2	05041SC-A001	Guide Rail Screw			O	4	
C-5-3	03064LM-CT06	LM Guide Block Set (6C)				1	
	03069LM-CT09	LM Guide Block Set (9C)					
	03068LM-T121	LM Guide Block Set (12C)					
	03069LM-T151	LM Guide Block Set (15C)					
C-5-4	09007SC-7113	HEX. SOCKET BOLT (M3*L12)			O	4	
C-5-5	01026PR-T121	Arm Front Cover (L)				1	
C-5-6	03065SC-A001	Guard Plate Screw				4	
C-5-7	04000100T000	ARM FRONT COVER (R)				1	
C-5-8	01030PR-T121	Guide Plate				1	
C-5-9	05062SC-A001	Thread Guide (L) Screw			O	2	

Thread Cutting Set



D-1

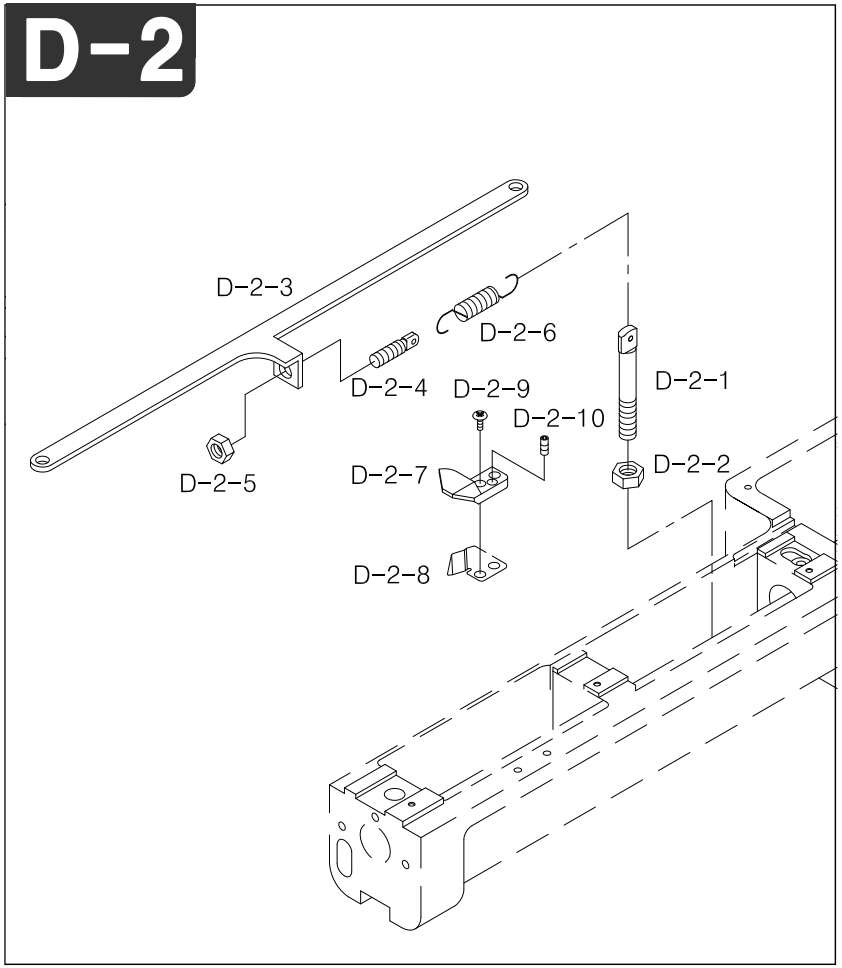


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
D-1-1	GP-005357-00	NEEDLE PLATE BRACKET(SET)	Nov,01,04 ~ Jul,12,05	X		1	
	GP-005357-01		Jul,13,05 ~	△		1	
D-1-2	GP-006638-00	Moving Mes Shaft Set				1	
D-1-3	02009PI-T121	Spring Pin				2	
D-1-4	04037SC-A001	Picker Bracket Screw(R)				2	

D

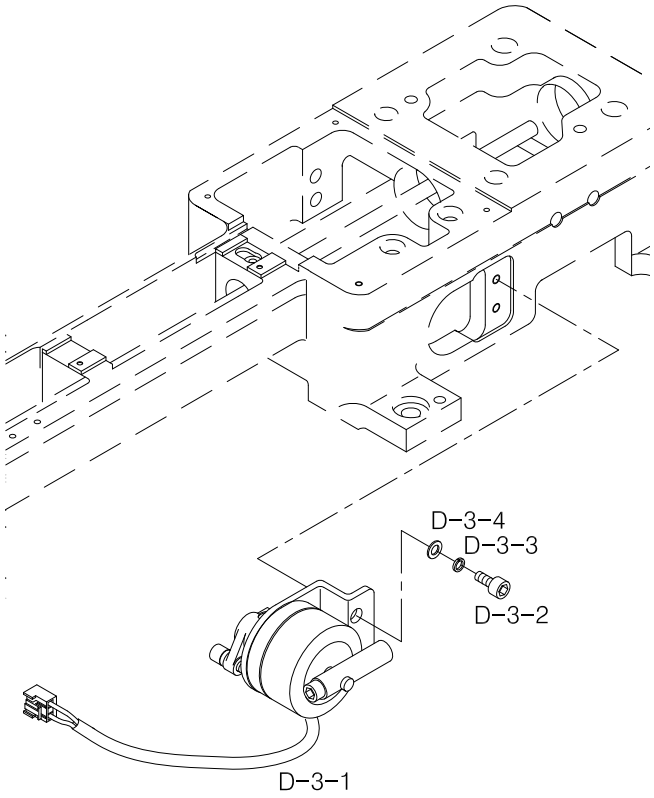
D-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
D-2-1	08061CW-CT01	Thread Return Springer				1	
D-2-2	08058SN-1311	Hex. Nut (M6-No3)			O	1	
D-2-3	08064PR-CT01	Moving Mes Connecting Link				1	
D-2-4	08065SC-T121	Spring Shaft Screw				1	
D-2-5	03031SN-A001	Pin. Nut (11/64,N=40)			O	1	
D-2-6	08063SP-CT01	Thread Return Spring				1	
D-2-7	07032CL-T121	Fixed Mes				1	
D-2-8	07033PR-T121	Under Thread Presser				1	
D-2-9	07018SC-8118	Plus Screw (M3*L8)			O	2	
D-2-10	03050SC-4517	Hex. Socket Set Screw (M3*L3)			O	1	

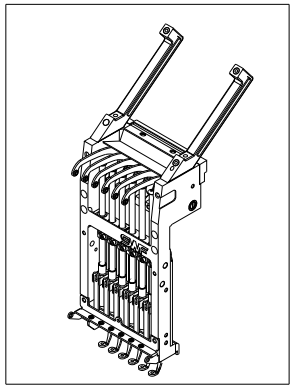
D-3



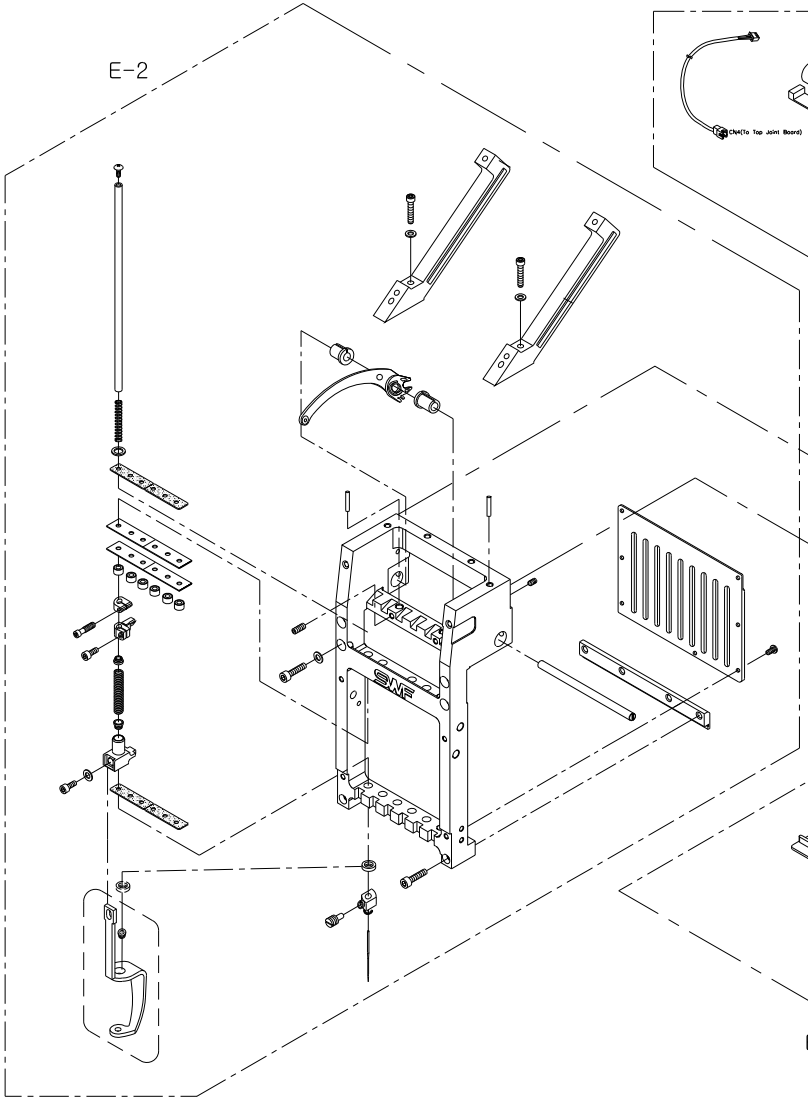
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
D-3-1	EP-000037-00	Thread Trimming Solenoid Ass'Y				1	
D-3-2	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	2	
D-3-3	18048SW-3115	SPRING WASHER (5@)			O	2	
D-3-4	18049SW-3111	WASHER (@5)			O	2	

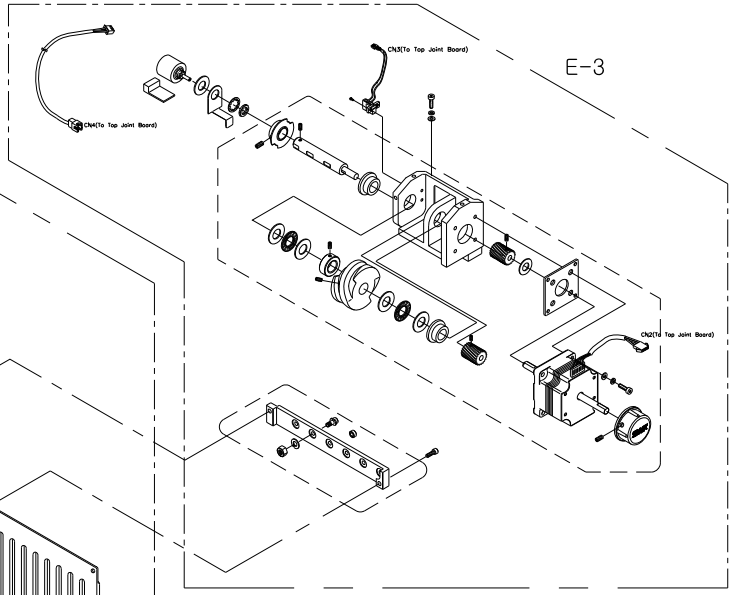
Head & Color Change



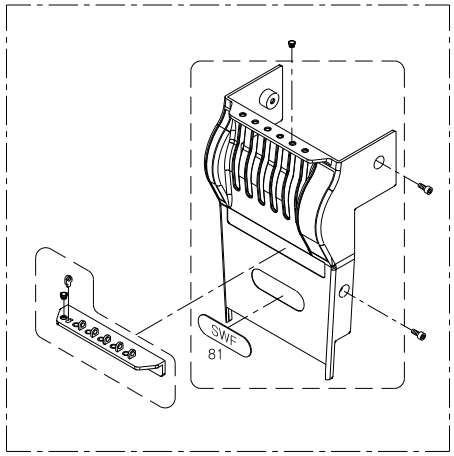
E-2



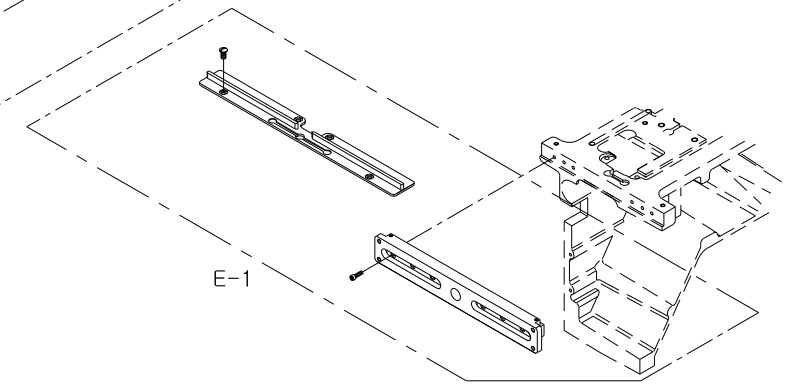
E-3



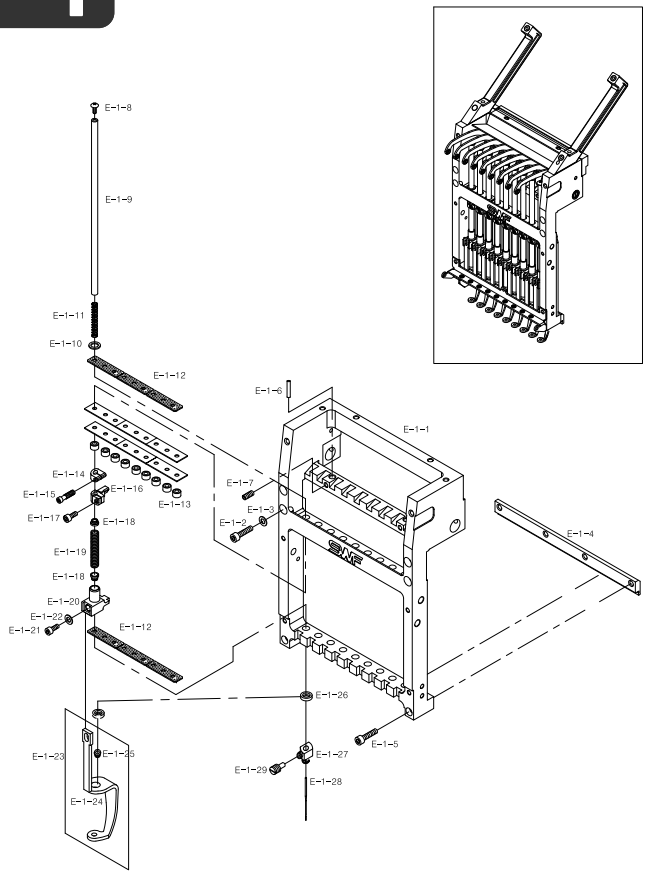
E-4



E-1



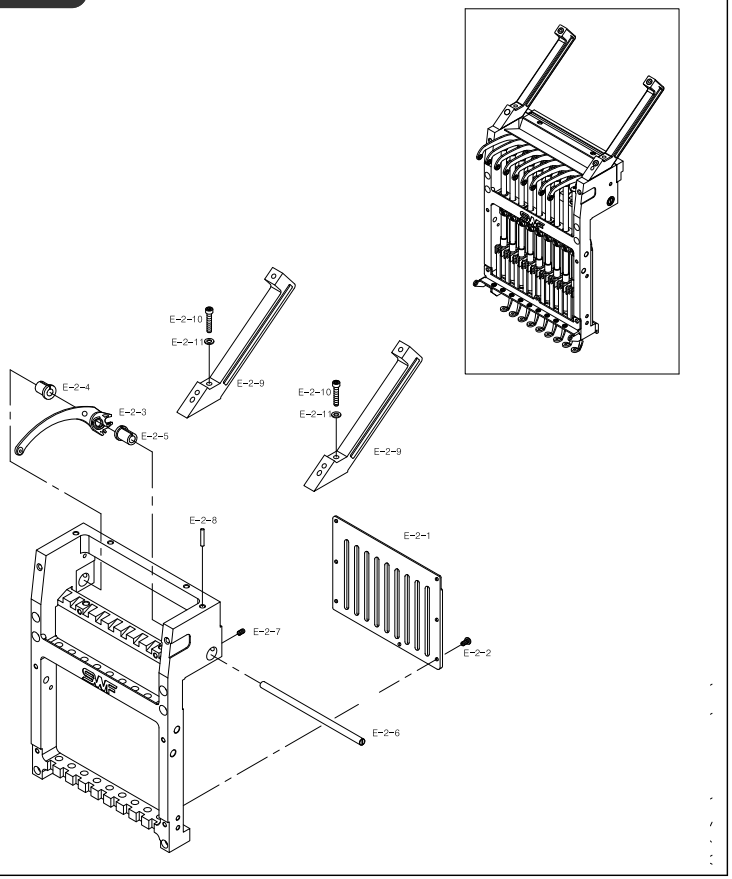
E-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
E-1-1	GP-015101-00	Head (6C)				1	
	GP-015104-00	Head (9C)				1	
	GP-015107-00	Head (12C)				1	
	GP-015108-00	Head (15C)				1	
E-1-2	05008SC-4113	Hex.Socket Bolt (M4*L16)			O	4	
E-1-3	05009SW-1111	Washer (@4-L)			O	4	
E-1-4	08201302H000	Head Rail (6C)				1	
	05011CW-A002	Head Rail (9C)				1	
	08201304H000	Head Rail (12C)				1	
	08201305H000	Head Rail (15C)				1	
E-1-5	05014SC-7113	HEX. SOCKET BOLT (M4*L25)			O	2	
E-1-6	05015CW-A001	Head Base Pin(@5*L15)			O	2	
E-1-7	03022SC-4517	Hex. Socket Set Screw(M4*L5)			O	2	
E-1-8	05019SC-A001	Needle Bar Cover Screw (M5*L6)			O	9	
E-1-9	08201800A000	Needle Bar				9	
E-1-10	05022SW-A001	Spring Shoe Washer				9	
E-1-11	05008AF-T121	Needle Bar Return Spring				9	
E-1-12	05021SF-A001	Felt				9	
E-1-13	05011RB-T121	Needle Bar Cushion Rubber				9	
E-1-14	11101200T000	Upper Dead Point Stopper				9	
E-1-15	05026SC-4113	Stopper Screw (9/64-11.5)			O	9	
E-1-16	05027FU-A001	Needle Bar Holder				9	
E-1-17	05028SC-4113	Holder Screw (9/64-L8)			O	9	
E-1-18	05021PM-H001	Presser Foot Spring Guide				9	
E-1-19	05017AF-T121	Presser Foot Pressure Spring				9	
E-1-20	05023PM-H001	Presser Foot Holder Set				9	
E-1-21	05026SC-H001	Presser Foot Holder Screw			O	9	
E-1-22	05027PR-H001	Presser Foot Holder Washer			O	9	
E-1-23	05024BM-CT01	Presser Foot Set (Compact)				9	
E-1-24	05024PR-CT01	Presser Foot L=95				9	
E-1-25	05031AF-A001	Presser Foot Guide Bush				9	
E-1-26	05035RB-A001	Presser Foot Cushion Rubber"A				9	
E-1-27	05036CW-A001	Needle Fixed Holder				9	
E-1-28	05037DB-A001	Needle (Db-K5, #11)			O	9	
E-1-29	05363SC-A001	Needle Fixed Screw (A/S)				9	

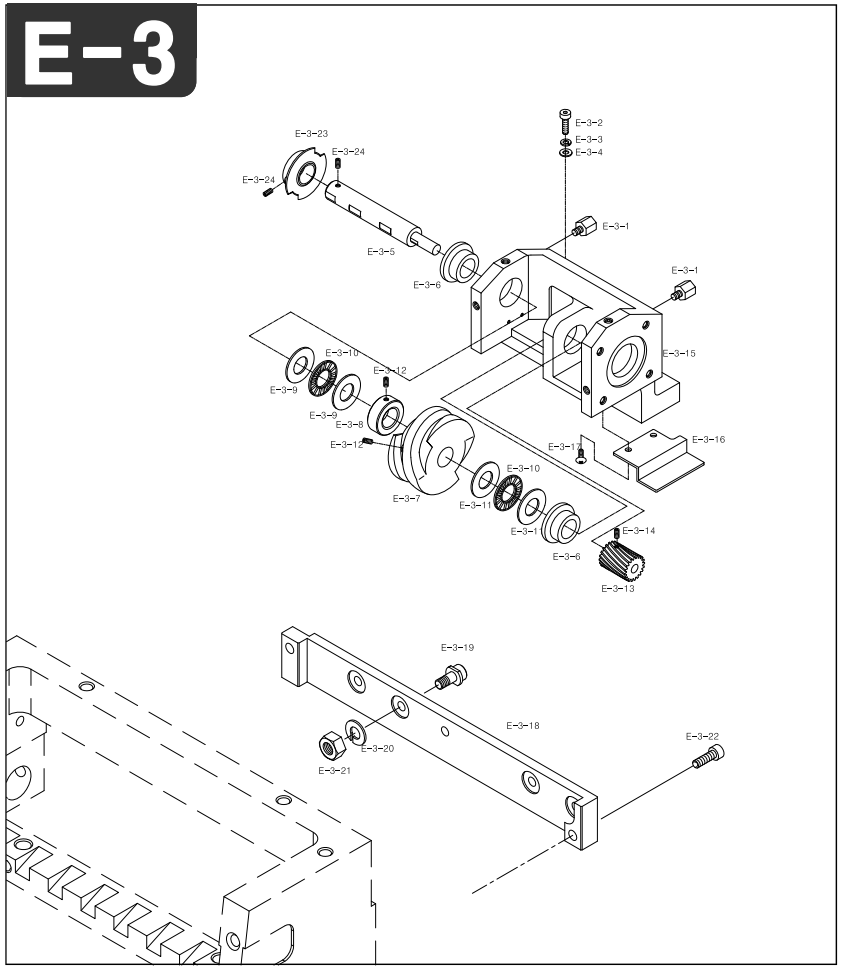
E-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
E-2-1	05031PM-CT06	Needle Bar Guide Rail (6C)				1	
	05031PM-CT09	Needle Bar Guide Rail (9C)				1	
	05027PM-T121	Needle Bar Guide Rail (12C)				1	
	05027PM-T151	Needle Bar Guide Rail (15C)				1	
E-2-2	05041SC-A001	Guide Rail Screw			O	8	
E-2-3	07005BM-B002	TAKE-UP LEVER SET				9	
E-2-4	08203000A000	Take-Up Lever Shaft Bush(L)				1	
E-2-5	08200800A000	Take-Up Lever Shaft Bush(R)				1	
E-2-6	08200602A000	Take-Up Lever Shaft (6C)				1	
	08200503A000	Take-Up Lever Shaft (9C)				1	
	08200404A000	Take-Up Lever Shaft (12C)				1	
	07004SF-T151	Take-Up Lever Shaft (15C)				1	
E-2-7	07009SC-4517	Hex.Socket Set Screw (M5*L6)			O	2	
E-2-8	01303700H000	Tension Plate Pin				2	
E-2-9	GP-004682-00	TENSION ADJUSTING PLATE HOLDER				2	
E-2-10	06003SW-2111	Washer (@4)			O	2	
E-2-11	11021SC-4113	Hex. Socket Bolt (M4*L35)			O	2	

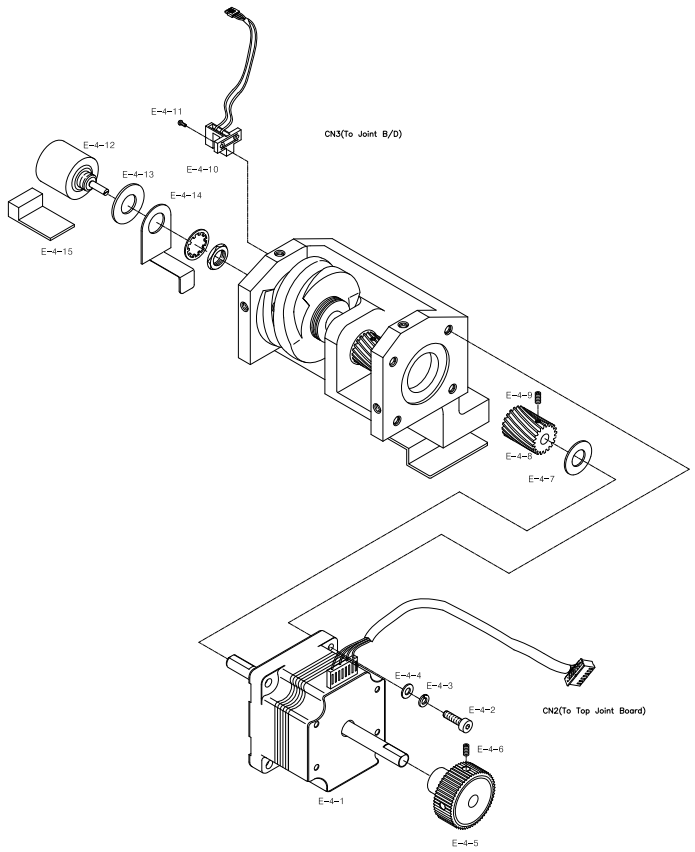
E-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
E-3-1	GP-008574-00	Fixing Stud for Cover A	~ May,01,05	X		2	
	GP-008574-01		May,02,05 ~	△		2	
E-3-2	03016SC-4113	Hex. Socket Bolt (M5*L15)			O	2	
E-3-3	18048SW-3115	SPRING WASHER (5@)			O	2	
E-3-4	16018SW-1111	Washer (@5)			O	2	
E-3-5	08100700T010	Color Change Shaft				1	
E-3-6	GP-006252-00	Color Change Bushing				2	
E-3-7	13005CM-UK06	Color Change Cam				1	
E-3-8	08101100T010	Color Change Collar				1	
E-3-9	GP-037692-00	Roller Set				6	
E-3-10	13041BR-UK01	Washer(12*@26*1T)				2	
E-3-11	13010BR-T121	Washer(@12*@26*1T)				4	
E-3-12	04012AF-A001	Hook Shaft Bush Screw				5	
E-3-13	08104900T010	Color Change Gear				1	
E-3-14	08113SC-A001	Collar Screw			O	1	
E-3-15	GP-015881-00	Color Change Base				1	
E-3-16	08103600T010	Color Change Motor Blind				1	
E-3-17	02010SC-3123	Truss Screw (M4*L8)			O	2	
E-3-18	08103102C010	Color Change Roller Base (6C)				1	
	13026CL-D104	Color Change Roller Base (9C)				1	
	13026CL-UK06	Color Change Roller Base (12C)				1	
	13026CL-UK16	Color Change Roller Base (15C)				1	
E-3-19	GP-037692-00	Roller Set				6	
E-3-20	18048SW-3115	SPRING WASHER (5@)			O	6	
E-3-21	12010SN-1211	Hex.Nut (M5)			O	6	
E-3-22	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	2	
E-3-23	BD-000421-00	Potention meter Board				1	
E-3-24	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	2	

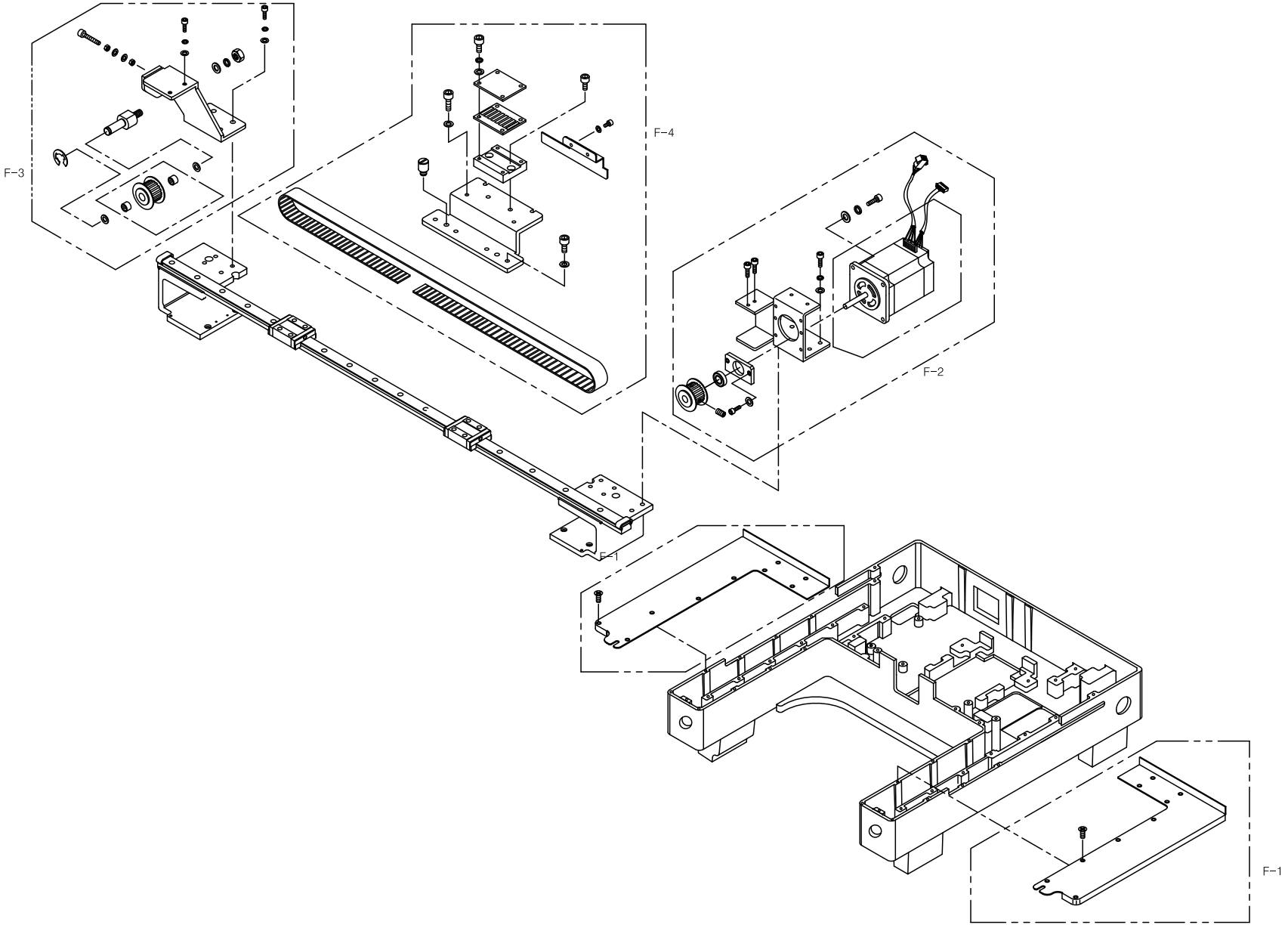
E-4



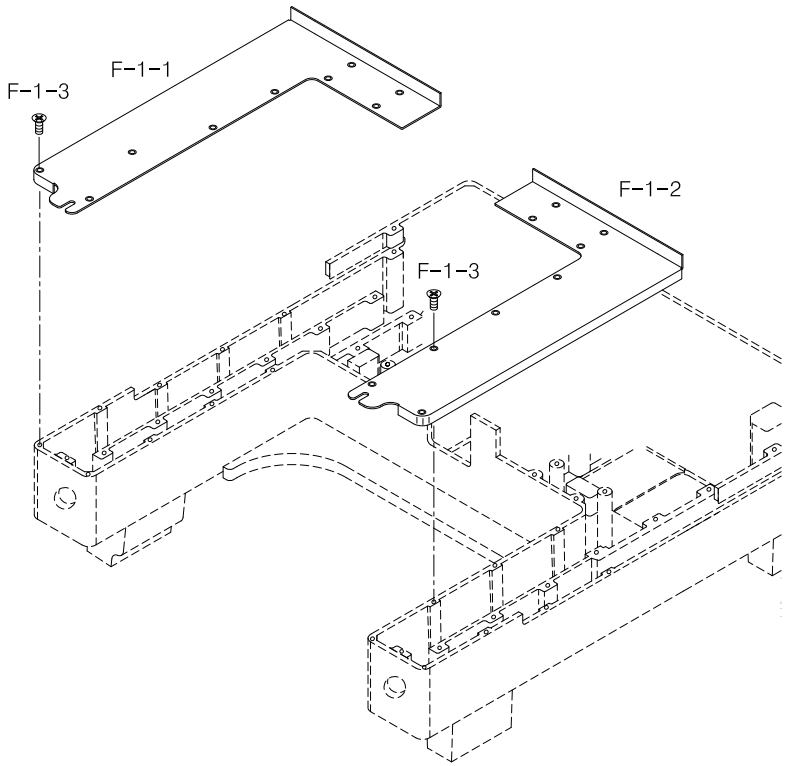
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
E-4-1	MO-000012-00	Color Change Motor				1	
E-4-2	05008SC-4113	Hex.Socket Bolt (M4*L16)			O	4	
E-4-3	18014SW-3115	Spring Washer (@4-No2)			O	4	
E-4-4	18015SW-3111	Washer (4@)			O	4	
E-4-5	08102300T010	Color Change Passivity Handle				1	
E-4-6	04012AF-A001	Hook Shaft Bush Screw			O	2	
E-4-7	08102000T010	Color Change Motor Washer				1	
E-4-8	08105000T010	Color Change Gear				1	
E-4-9	08113SC-A001	Collar Screw			O	1	
E-4-10	08102300B000	Half Turn Sensor (Gp1S51V)				1	
E-4-11	08006SC-8118	Plus Screw (M3*L5)			O	2	
E-4-12	15012MT-T902	Potentiometer (7824 R1K L25)				1	
E-4-13	15014PR-T121	Potentiometer Washer				1	
E-4-14	13015PR-UK06	Potentiometer Bracket				1	
E-4-15	GP-013346-00	Color Change Cover(R)				1	

X-Axis Drive Set



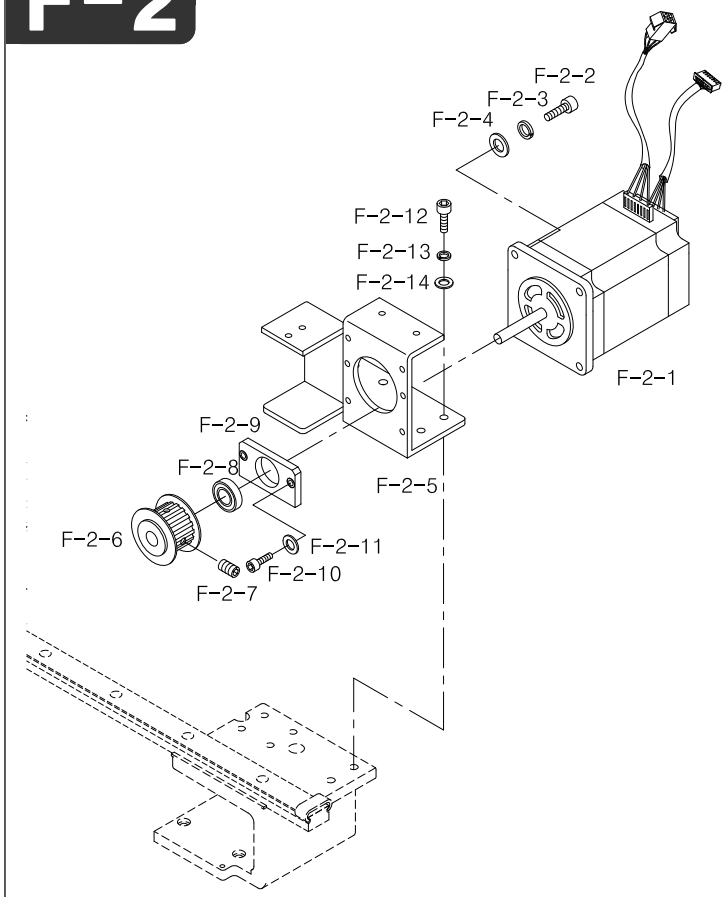
F-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-1-1	GP-013360-00	Base Cover (L)				1	
F-1-2	GP-013361-00	Base Cover (R)				1	
F-1-3	11049SC-A001	Board Stud Bolt (M4XL10)			O	4	

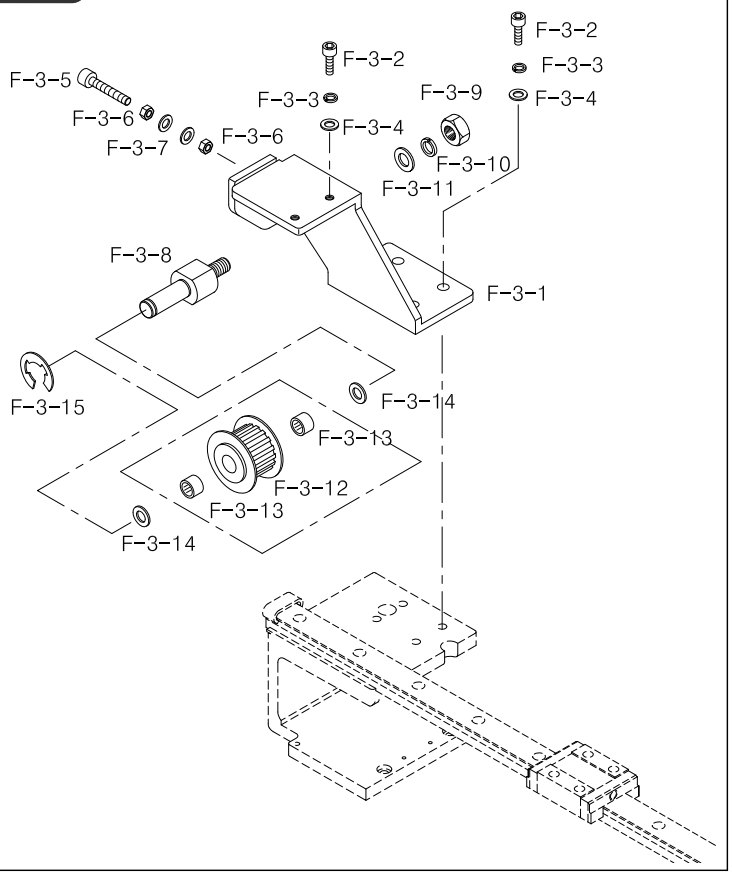
F-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-2-1	STM01-000002	X-Motor Set				1	
F-2-2	07016SC-7113	HEX.SOCKET BOLT (M4*L12)			O	4	
F-2-3	18014SW-3115	Spring Washer (@4-No2)			O	4	
F-2-4	18015SW-3111	Washer (4@)			O	4	
F-2-5	GP-013366-00	X Motor Bracket				1	
F-2-6	14063PU-UK01	Timing Pulley "B"				1	
F-2-7	04014SC-4517	Hex.Socket Set Screw(M5*L5)			O	2	
F-2-8	15077BR-A001	Ball Bearing (698Zz)			O	1	
F-2-9	05100200T000	X-Axis Motor Plate(B)				1	
F-2-10	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	2	
F-2-11	18015SW-3111	Washer (4@)			O	2	
F-2-12	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	4	
F-2-13	18048SW-3115	Spring Washer (5@)			O	6	
F-2-14	18049SW-3111	Washer (@5)			O	6	

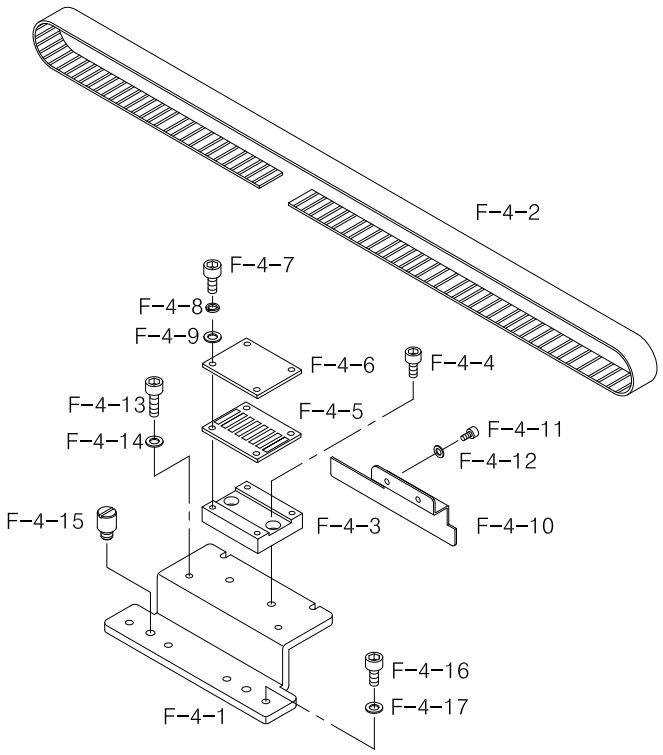
F-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-3-1	15014PR-CT01	X Pulley Bracket				1	
F-3-2	08076SC-7113	HEX. SOCKET BOLT (M5*L12)			O	6	
F-3-3	18048SW-3115	Spring Washer (5@)			O	6	
F-3-4	18049SW-3111	Washer (@5)			O	6	
F-3-5	15030SC-7113	HEX. SOCKET BOLT (M5*L30)			O	1	
F-3-6	12010SN-1211	Hex.Nut (M5)			O	4	
F-3-7	16018SW-1111	Washer (@5)			O	3	
F-3-8	15018CW-CT01	X Pulley Shaft				1	
F-3-9	08043SN-1111	Hex. Nut (M8-No1)			O	1	
F-3-10	15095SW-3115	SPRING WASHER (@8)			O	1	
F-3-11	08041SW-1111	Washer (@8-S)			O	1	
F-3-12	12017PU-T121	Timing Pulley "A"				1	
F-3-13	12018BR-T121	Needle Bearing Hk1010(Ina)				2	
F-3-14	12019BR-T121	Fiber Washer R-Tw1020				2	
F-3-15	12022SR-4013	E-Ring			O	1	

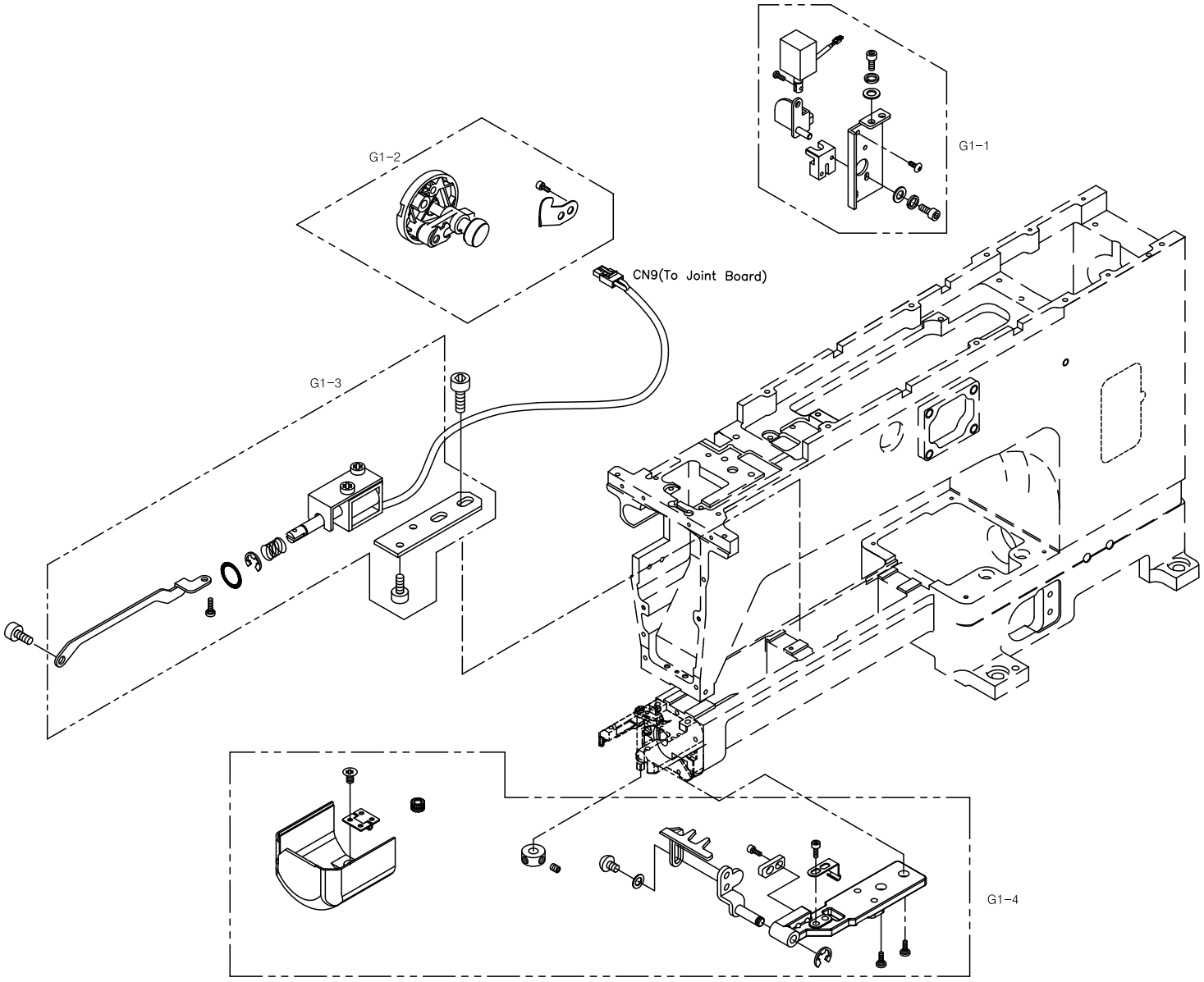
F-4



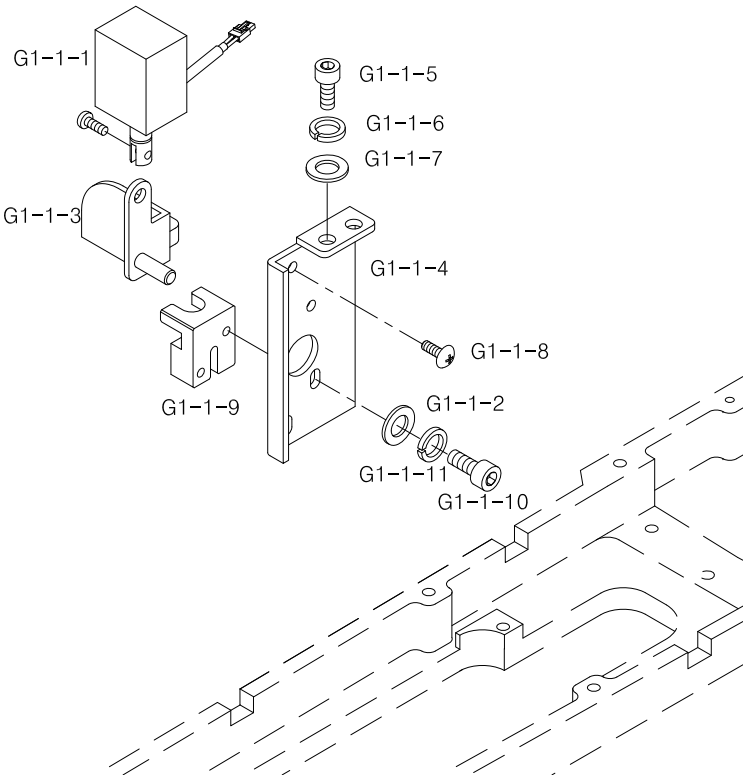
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
F-4-1	15031PR-CT01	Frame Connecting Plate				1	
F-4-2	15049BT-CT01	X-Driving Timing Belt At5				1	
F-4-3	15035AD-CT01	X Driving Belt Support				1	
F-4-4	02023SC-7113	Hex.Socket Bolt (M4*L8)			O	2	
F-4-5	12037PR-T121	X-Axis Belt Holder				1	
F-4-6	12038PR-T121	X-Axis Belt Presser				1	
F-4-7	09007SC-7113	HEX. SOCKET BOLT (M3*L12)			O	4	
F-4-8	11019SW-9115	Spring Washer (3@)			O	8	
F-4-9	08011SW-1111	Spring Washer (@3-S)			O	4	
F-4-10	15041PR-CT01	X-Sensor Plate				1	
F-4-11	22006SC-7113	HEX. SOCKET BOLT (M3*L8)			O	2	
F-4-12	08011SW-1111	Spring Washer (@3-S)			O	2	
F-4-13	03071SC-7113	HEX. SOCKET BOLT (M3*L10)			O	4	
F-4-14	08011SW-1111	Spring Washer (@3-S)			O	4	
F-4-15	15034CW-CT01	X Frame Connecting Plate Pin				2	
F-4-16	09007SC-7113	HEX. SOCKET BOLT (M3*L12)			O	4	
F-4-17	08011SW-1111	Spring Washer (@3-S)			O	4	

Setting 1



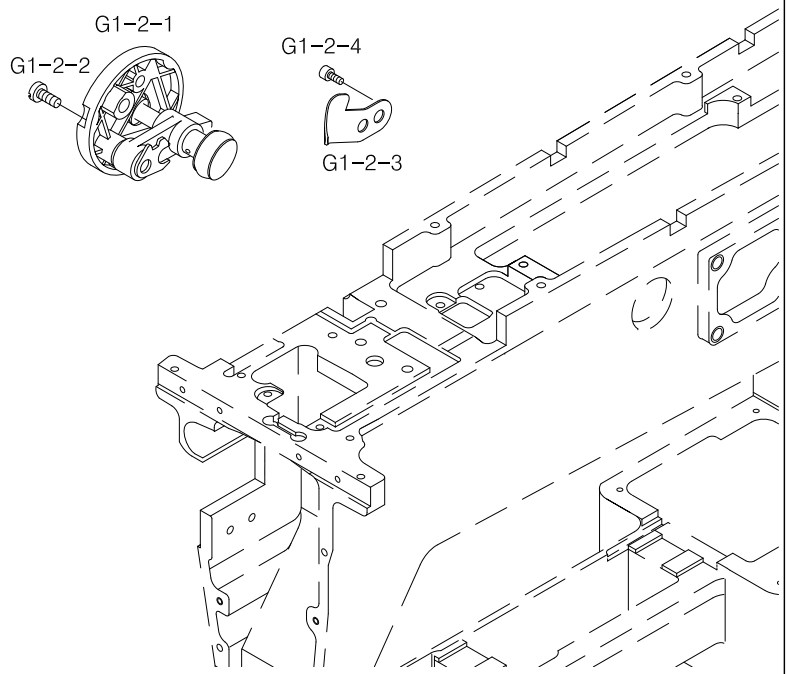
G1-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G1-1-1	EP-000033-00	Sol				2	
G1-1-2	06011SW-2111	Washer (@3)			O	4	
G1-1-3	GP-008785-00	Stopping Solenoid Base Ass'y For Upper Shaft				2	
G1-1-4	GP-014474-00	Stopping Solenoid Bracket For Upper Shaft				2	
G1-1-5	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	4	
G1-1-6	18014SW-3115	Spring Washer (@4-No2)			O	4	
G1-1-7	18015SW-3111	Washer (4@)			O	4	
G1-1-8	28021SC-3123	Truss Screw (M3*L4)			O	4	
G1-1-9	GP-008784-00	Stopping Solenoid Cover For Upper Shaft				2	
G1-1-10	07035SC-7113	BRACKET SCREW (M3*L6)			O	4	
G1-1-11	11019SW-9115	Spring Washer (3@)			O	4	

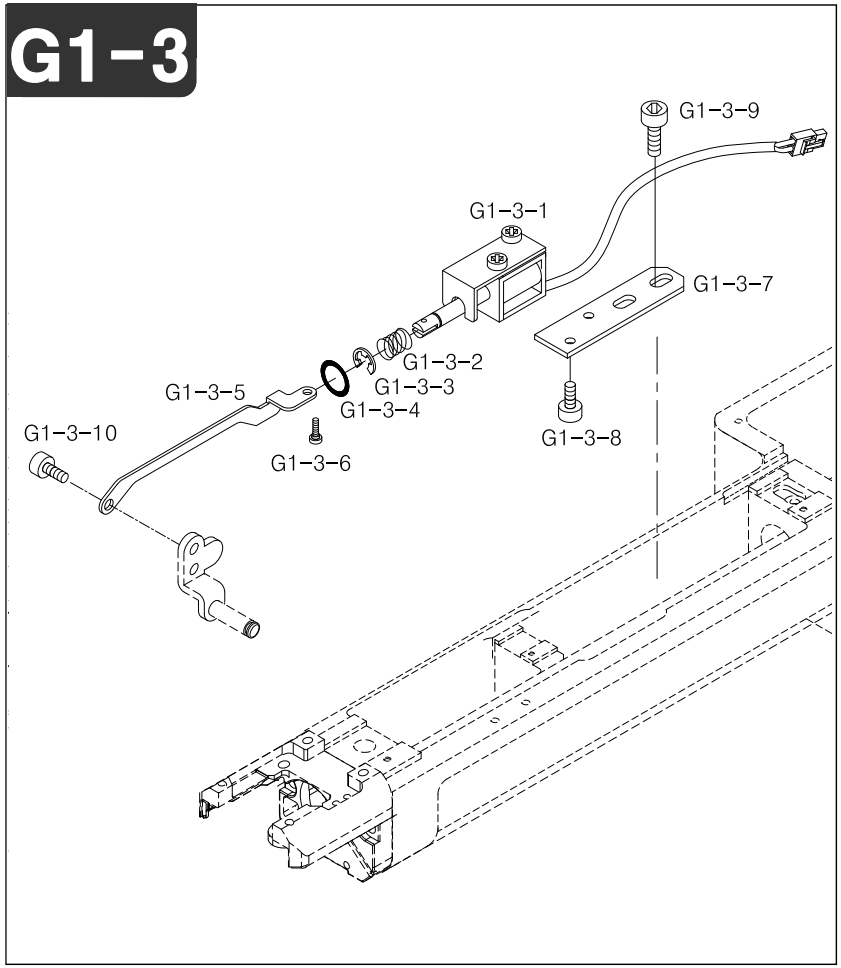
G1-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G1-2-1	25003BM-CT01	Bobbin Winder Base Set				1	
G1-2-2	25004SC-CT01	Bobbin Winder Base Screw				3	
G1-2-3	25026PR-CT01	Bobbin Winder Mes				1	
G1-2-4	02030SC-T121	Bed Cover Screw(9/64" 40)			O	2	

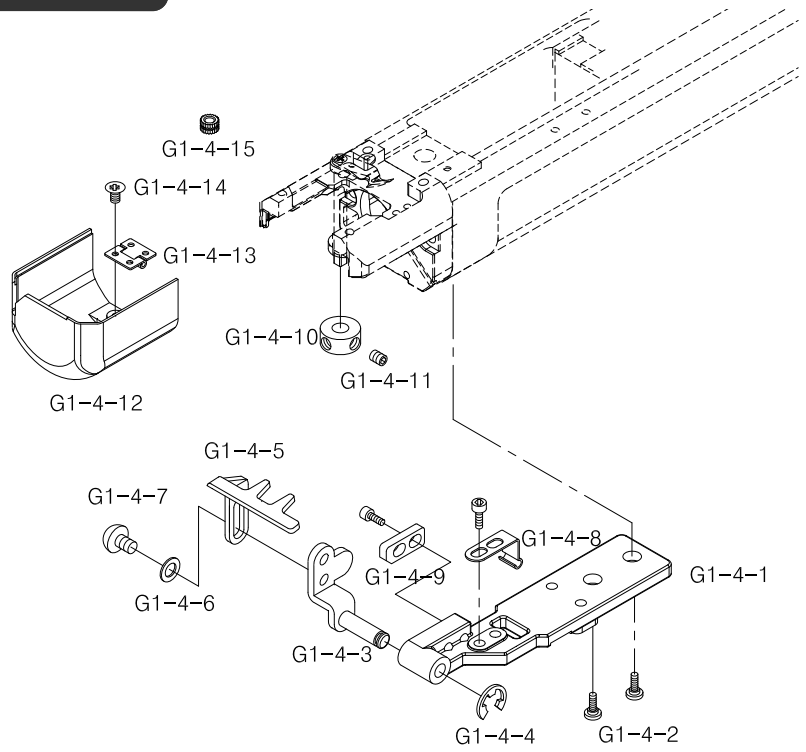
G1-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G1-3-1	EP-000033-00	Picker Sol.				1	
G1-3-2	10011SP-A001	Sol. Spring				1	
G1-3-3	13044SR-4013	E-Ring (@4)			O	1	
G1-3-4	10012RB-A001	Cushion Washer				1	
G1-3-5	GP-005370-00	Connecting Plate				1	
G1-3-6	10021SC-A001	Sol. Stud Screw				1	
G1-3-7	08018CL-T121	Picker Sol. Base				1	
G1-3-8	06010AF-8118	Plus Screw(M3*L4)			O	2	
G1-3-9	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	2	
G1-3-10	08012CW-T121	Connecting Plate Stud Screw				1	

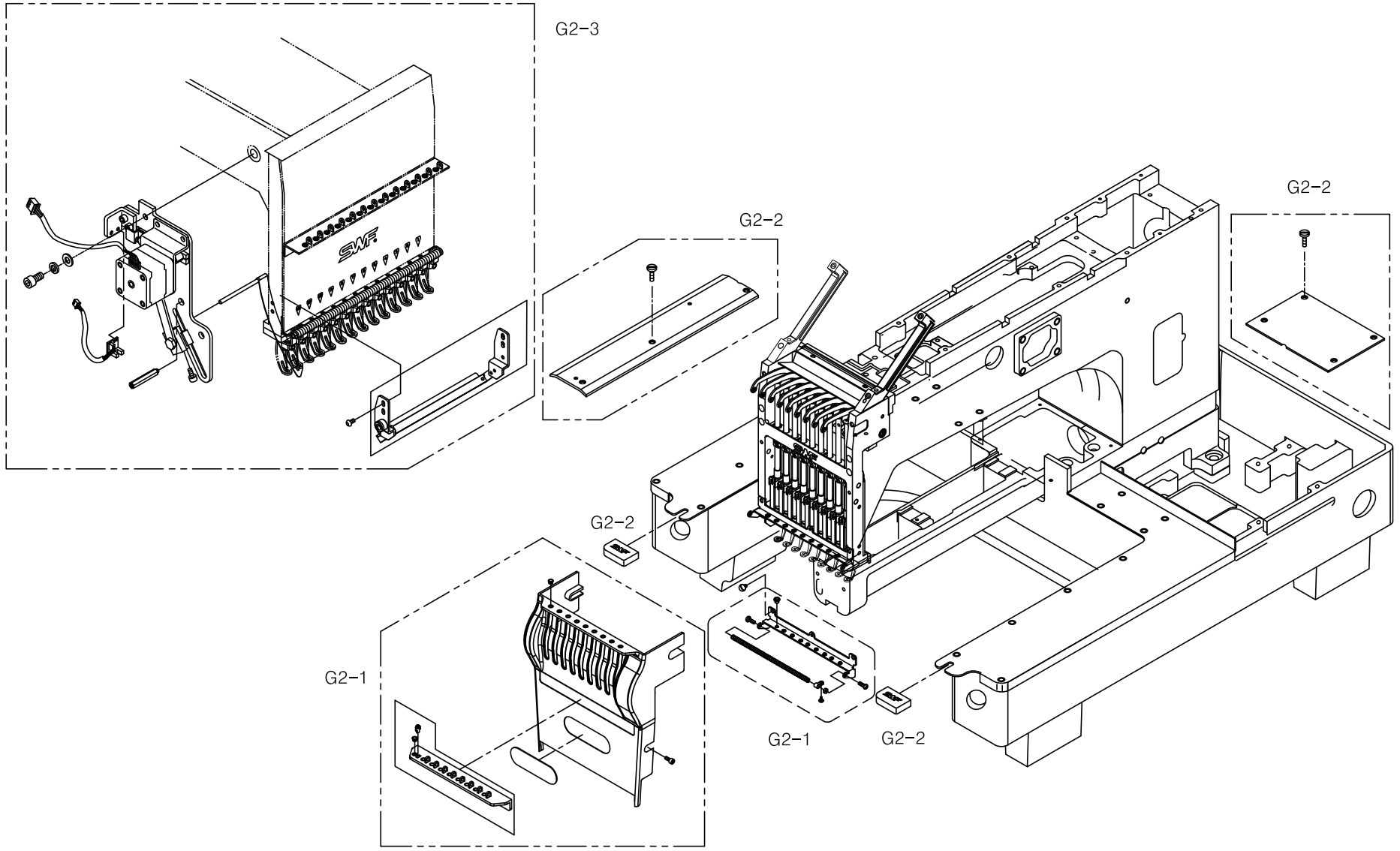
G1-4



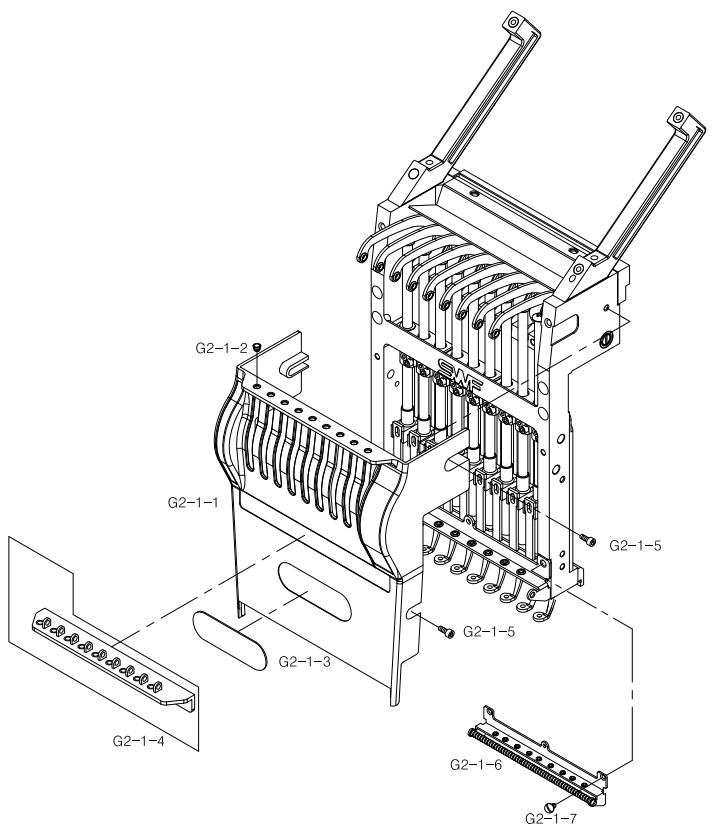
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G1-4-1	GP-005366-00	Picker Bracket				1	
G1-4-2	116410S-8118	Driver Screw 11/64-40,L10				1	
G1-4-3	AS-001492-00	Picker Base				1	
G1-4-4	15159SR-4013	E-Ring (3@)			O	1	
G1-4-5	GP-005368-00	Picker				1	
G1-4-6	WS-000085-00	Washer for Picker Base				1	
G1-4-7	07018SC-8118	Plus Screw (M3*L8)			O	2	
G1-4-8	GP-005362-00	Hook Cover Holder				1	
G1-4-9	GP-005369-01	Picker Stopper				1	
G1-4-10	13003000T000	Mes Shaft Collar				1	
G1-4-11	08014SC-A001	Plus Screw (M3*L8)			O	1	
G1-4-12	GP-005360-00	Hook Cover				1	
G1-4-13	HG-00001-00	Hook Cover Hinge				1	
G1-4-14	08014AF-A001	Plus Screw (M3*L8)			O	2	
G1-4-15	GP-005361-00	Hook Cover Insert				1	

Setting 2



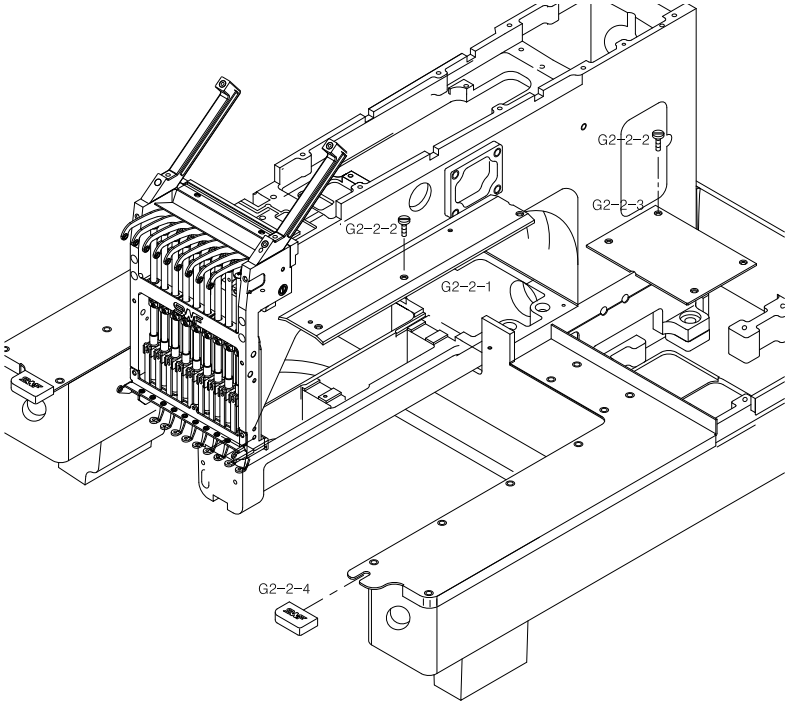
G2-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G2-1-1	GP-015103-00	Head Face Plate (6C)				1	
	GP-015105-00	Head Face Plate (9C)					
	GP-010416-00	Head Face Plate (12C)					
	GP-015110-00	Head Face Plate (15C)					
G2-1-2	05452CM-A001	Eyelet "A"				18	
G2-1-3	GP-0010240-00	Sticker				1	
G2-1-4	AS-004247-00	THREAD GUIDE (M) SET (6C)				1	
	AS-004248-00	THREAD GUIDE (M) SET (9C)					
	AS-004249-00	THREAD GUIDE (M) SET (12C)					
	AS-004250-00	THREAD GUIDE (M) SET (15C)					
G2-1-5	04005MC-3123	Hex. Socket Bolt (M4*L4.5)			O	4	
G2-1-6	AS-004247-00	Thread Guide (L) Set (6C)				1	
	AS-004248-00	Thread Guide (L) Set (9C)					
	AS-004249-00	Thread Guide (L) Set (12C)					
	AS-004250-00	Thread Guide (L) Set (15C)					
G2-1-7	05062SC-A001	Thread Guide (L) Screw				2	

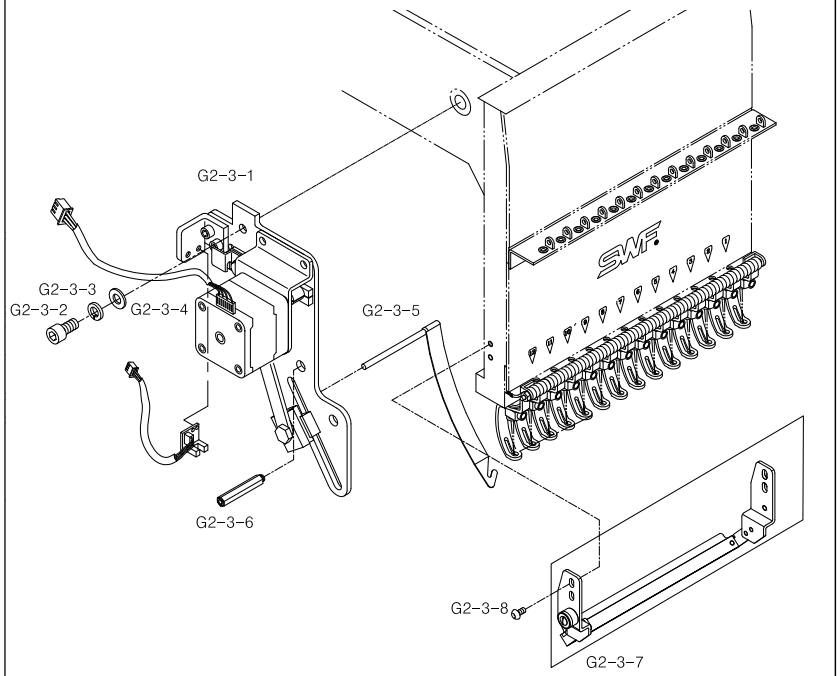
G2-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G2-2-1	GP-012968-00	Bed Cover (F)				1	
G2-2-2	02030SC-T121	Bed Cover Screw(9/64" 40)			O	7	
G2-2-3	04041PR-CT01	Bed Cover (R)				1	
G2-2-4	01005RB-CT01	Base Support Bolt Rubber				4	

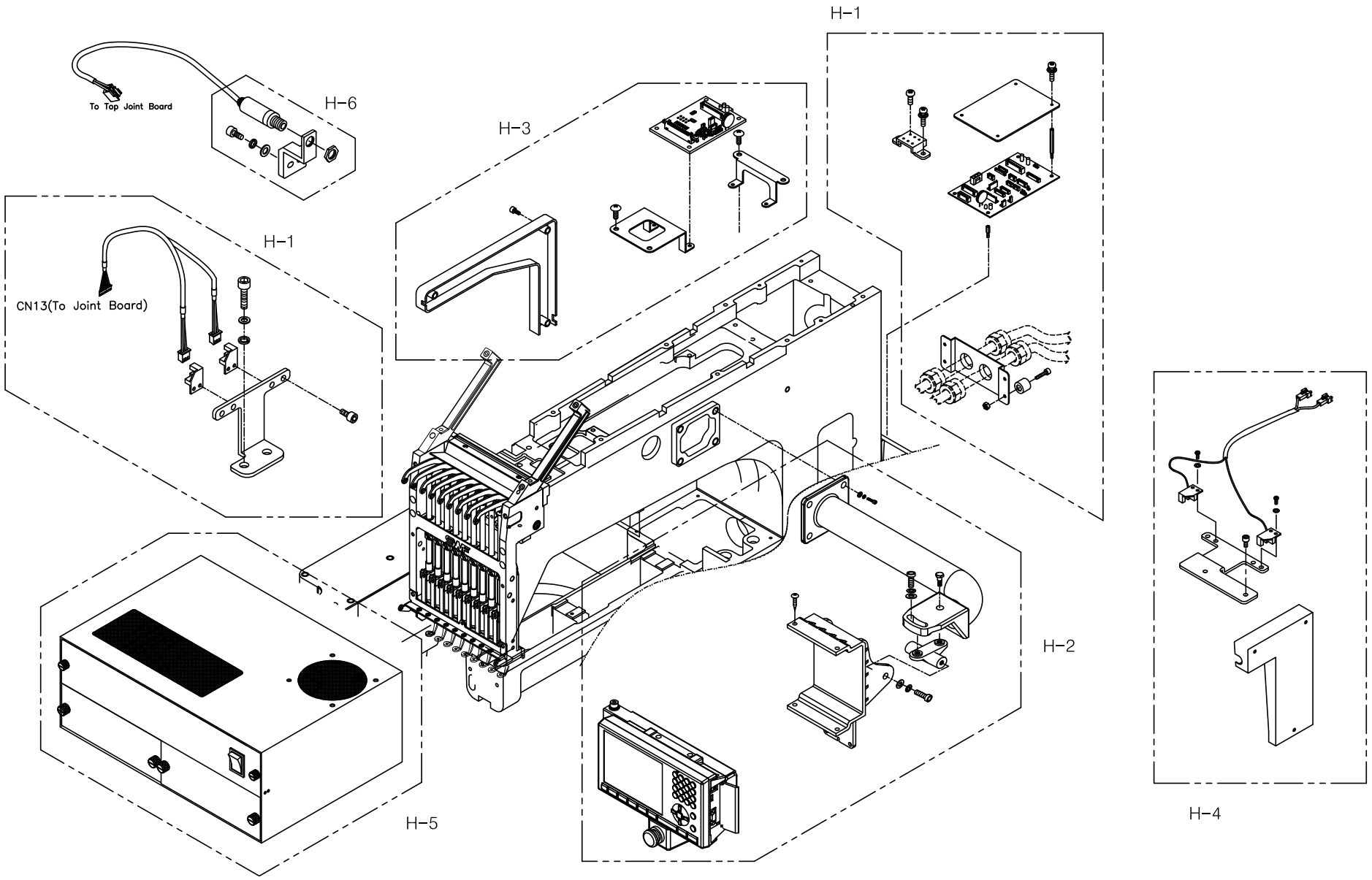
G2-3



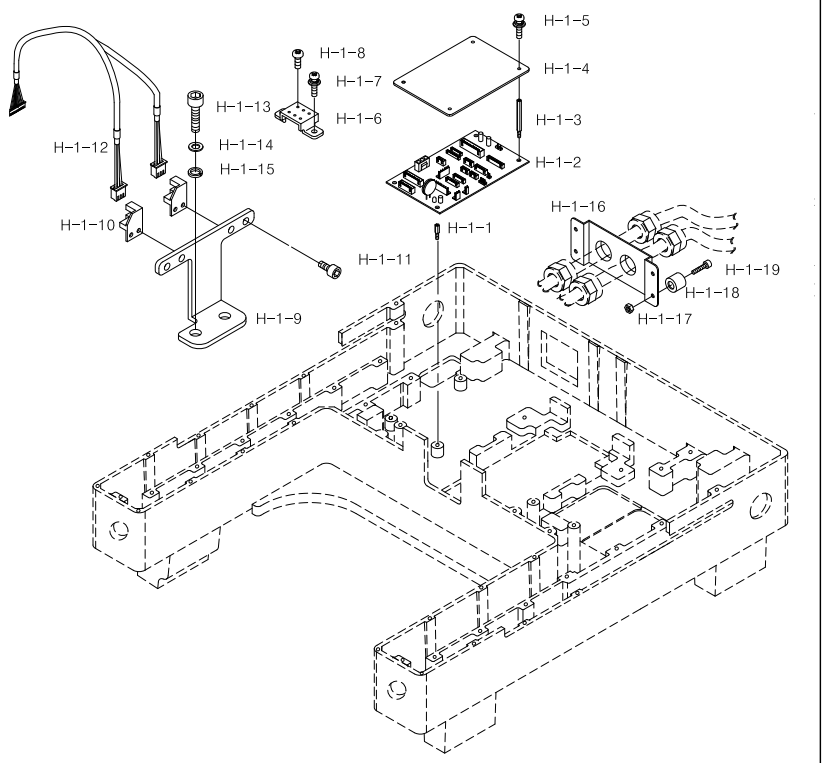
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
G2-3-1	08500010C000	Upper Thread Catcher Set				1	
G2-3-2	08076SC-7113	HEX. SOCKET BOLT (M5*L12)				2	
G2-3-3	18048SW-3115	SPRING WASHER (5@)				2	
G2-3-4	18049SW-3111	WASHER (@5)				2	
G2-3-5	09005PR-CT01	Upper Thread Catcher				1	
G2-3-6	09036CW-CT01	Wiper Cover Stud Bolt				2	
G2-3-7	AS-004247-00	Thread Guide (L) Set				1	
	AS-004248-00	Thread Guide (L) Set					
	AS-004249-00	Thread Guide (L) Set					
	AS-004250-00	Thread Guide (L) Set					
G2-3-8	05062SC-A001	Thread Guide (L) Screw				2	

CON BOX & OP BOX



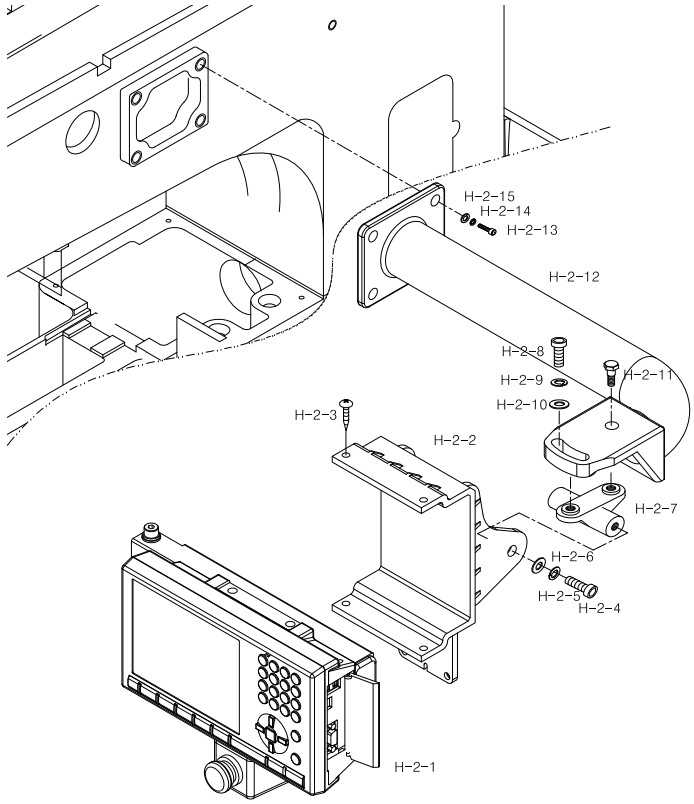
H-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-1-1	11049SC-A001	Board Stud Bolt				4	
H-1-2	BD-000295-00	Joint Board Ass'Y	Nov,16,05 ~ Oct,11,06	X		1	
	BD-000295-00		Oct,12,06 ~	△		1	
H-1-3	20036SC-T121	Cover Stud				4	
H-1-4	01013ET-CT01	Cable Guard Plate				1	
H-1-5	18154SC-9134	Plus Screw (M3*L8)			O	4	
H-1-6	01010PR-CT01	Bus Bar				1	
H-1-7	01011SC-9134	Screw (M4*L8)			O	2	
H-1-8	18154SC-9134	Plus Screw (M3*L8)			O	6	
H-1-9	GP-013370-00	Y Sensor Bracket				1	
H-1-10	AS-004014-00	Y-Sensor Assy				2	
H-1-11	07018SC-8118	Plus Screw (M3*L8)			O	2	
H-1-12	25030EL-CT01	Y-Origin Sensor To J/B				1	
H-1-13	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	2	
H-1-14	18015SW-3111	Washer (4@)			O	2	
H-1-15	18014SW-3115	Spring Washer (@4-No2)			O	2	
H-1-16	GP-015728-00	Connector Holder	Feb,24,06 ~ Apr,14,06	X		1	
	GP-015728-01		Apr,15,06 ~ May,07,06	△		1	
	GP-015728-02		May,08,06 ~	△		1	
H-1-17	15029SN-3211	Hex. Nut (M4-No2)			O	4	
H-1-18	01000210C000	CONNECT HOLDER SPACE				4	
H-1-19	11029SC-4113	HEX. SOCKET BOLT (M4*L20)			O	4	

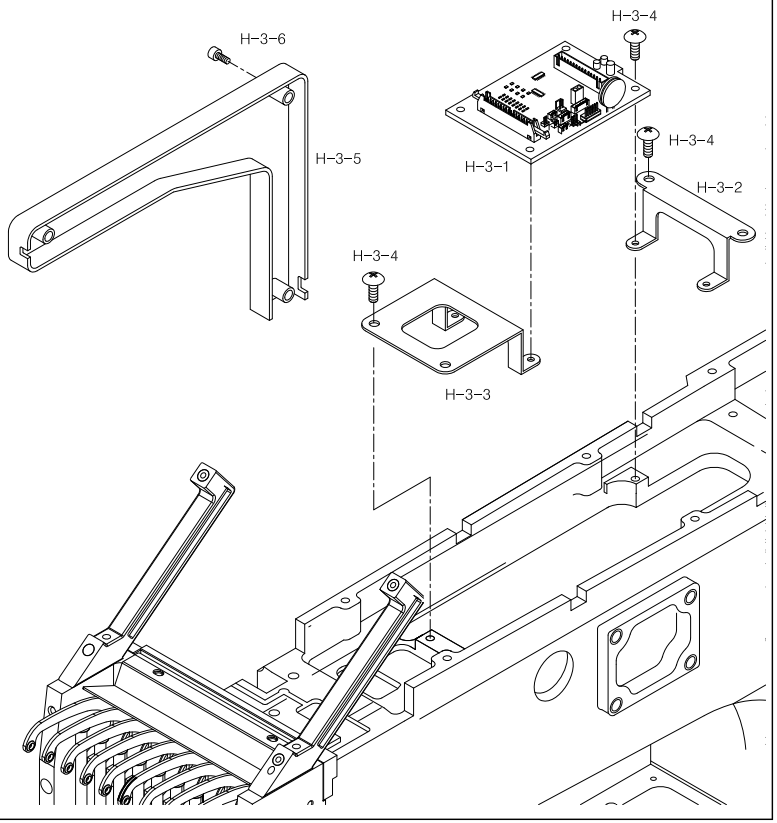
H-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-2-1	SWF-00000446	Operation Box Ass'y				1	
H-2-2	GP-016984-00	OP Holder	~ May,29,06	X		1	
	GP-016984-01		May,30,06 ~ Apr,12,07	△		1	
	GP-016984-02		Apr,13,07 ~	△		1	
H-2-3	22033SC-7134	Plus Screw (M5*L12)			O	4	
H-2-4	08087SC-7113	Hex. Socket Bolt (M8*L25)			O	2	
H-2-5	15095SW-3115	Spring Washer (@8)			O	2	
H-2-6	08041SW-1111	Washer (@8-S)			O	2	
H-2-7	GP-027122-00	Hinged Block				1	
H-2-8	08087SC-7113	Hex. Socket Bolt (M8*L25)			O	1	
H-2-9	15095SW-3115	Spring Washer (@8)			O	1	
H-2-10	08041SW-1111	Washer (@8-S)			O	1	
H-2-11	19039CW-T121	Adjusting Bolt				1	
H-2-12	19004CA-CT15	Holder				1	
H-2-13	19005CW-CT01	Screw For Lamp Bracket				4	

H-3

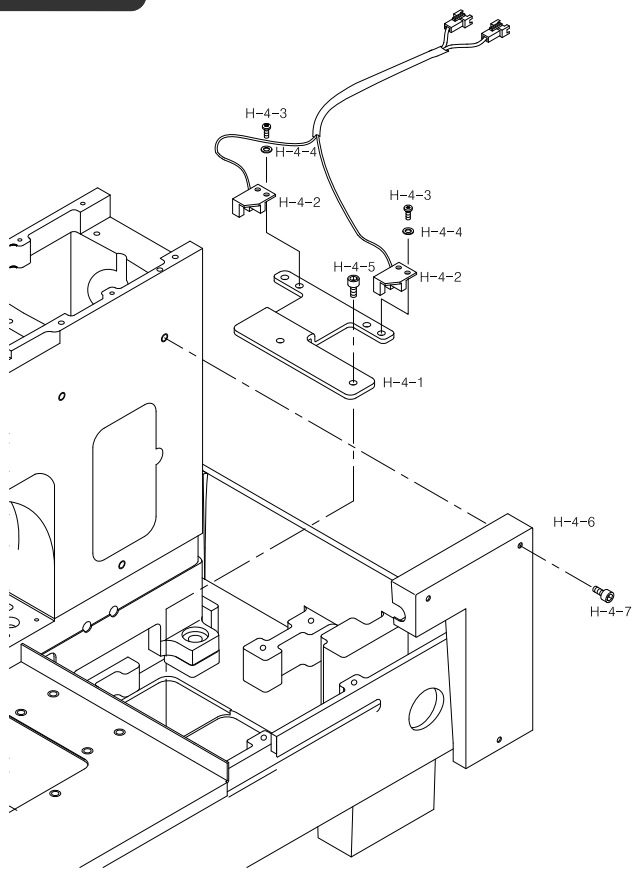


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-3-1	BD-000291-00	TOP Joint Board	Nov,03,05 ~ Oct,11,06			1	
	BD-000291-01		Oct,12,06 ~ Jul,26,07			1	
	BD-000291-02		Jul,27,07 ~			1	
H-3-2	GP-013329-00	Fixing Bracket for Joint PCB-A				1	
H-3-3	GP-013330-00	Fixing Bracket for Joint PCB-B				1	
H-3-4	02010AF-3123	Truss Screw			O	4	
H-3-5	02021PM-CT01	Cable Cover				1	
H-3-6	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	3	

H

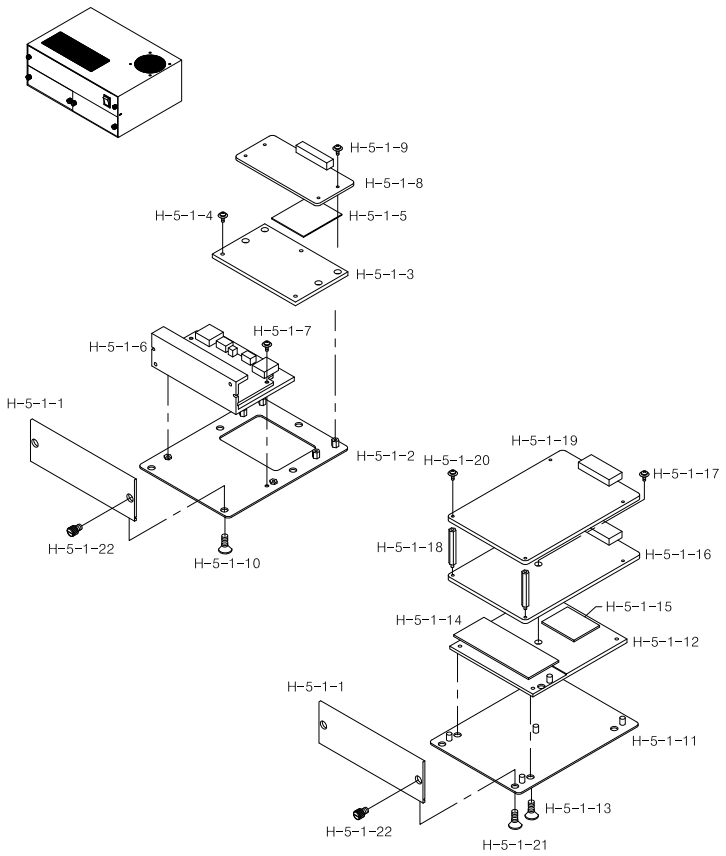
H-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-4-1	GP-013367-00	X-Sensor Bracket				1	
H-4-2	AS-004013-00	X-Sensor Assy				2	
H-4-3	07018SC-8118	Plus Screw (M3*L8)			O	2	
H-4-4	08011SW-1111	Spring Washer (@3-S)				2	
H-4-5	22006SC-7113	HEX. SOCKET BOLT (M3*L8)			O	2	
H-4-6	GP-013361-00	Base Cover (R)				1	
H-4-7	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	3	

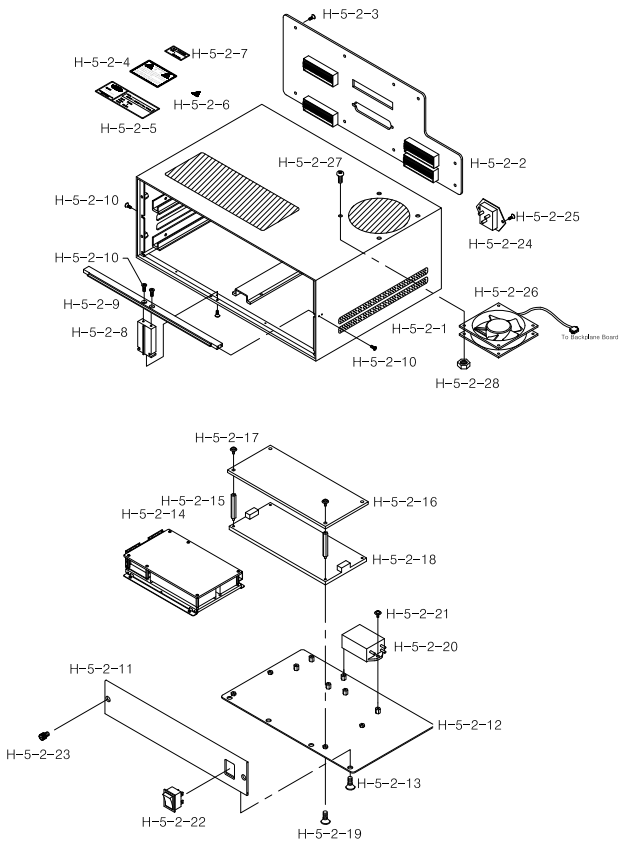
H-5-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-5-1-1	GP-015660-00	Front Cover(A)				2	
H-5-1-2	GP-015650-00	Main Driver Board Bracket				1	
H-5-1-3	GP-015652-00	Main Drver Board Radiator				1	
H-5-1-4	SC-000391-00	Screw (M4xL5)			O	3	
H-5-1-5	GP-015654-00	Main Driver Board Radiator Sheet				1	
H-5-1-6	EP-000031-00	Main Driver				1	
H-5-1-7	10-028S-SC53	Screw (M3xL7)			O	2	
H-5-1-8	BD-000285-00	DDC Board				1	
H-5-1-9	10-028S-SC53	Screw (M3xL7)			O	4	
H-5-1-10	06-001C-SE50	Screw (M4xL8)			O	2	
H-5-1-11	GP-015651-00	XY Driver Board Bracket				1	
H-5-1-12	GP-008106-00	XY Driver Board Radiator				1	
H-5-1-13	SC-000391-00	Screw (M4xL5)			O	4	
H-5-1-14	GP-009045-00	XY Driver Board Radiator Sheet				1	
H-5-1-15	GP-009032-00	XY DDC Radiator Sheet				1	
H-5-1-16	BD-000198-00	XY Driver Board				1	
H-5-1-17	10-028S-SC53	Screw (M3xL7)			O	1	
H-5-1-18	10-006S-AT10	XY Driver Stud (3-5-20)				4	
H-5-1-19	BD-000197-02	I/O Board				1	
H-5-1-20	10-028S-SC53	Screw (M3xL7)			O	4	
H-5-1-21	06-001C-SE50	Screw (M4xL8)			O	2	
H-5-1-22	SC-000406-00	Screw for Control Box Front Cover (A)				4	

H-5-2

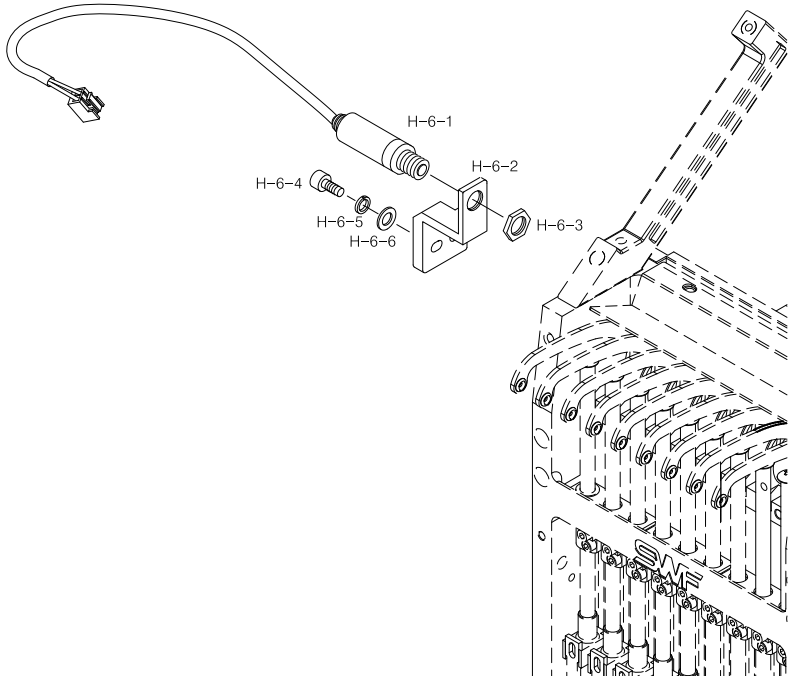


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-5-2-1	GP-015648-01	Control Box				1	
H-5-2-2	BD-000298-00	Back plane Board				1	
H-5-2-3	10-020M-SW66	Screw (M3xL12)				9	
H-5-2-4	GP-015659-00	Voltage Sticker				1	
H-5-2-5	04-004S-AU10	Warning Sticker				1	
H-5-2-6	04-003S-AU10	Electric Shock Attention Sticker				1	
H-5-2-7	09-023C-SC-53	QC Passed Sticker				1	
H-5-2-8	GP-015662-02	Cover Guide for Front A				1	
H-5-2-9	GP-015663-03	Cover Guide for Front B				1	
H-5-2-10	10-004M-SW68	Screw for Cover Guide (M3xL5)				8	
H-5-2-11	GP-015661-01	Control BoX Front Cover(B)				1	
H-5-2-12	GP-015649-01	SMPS Bracket				1	
H-5-2-13	SC-000391-00	Screw for SMPS Bracket (M4xL5)				4	
H-5-2-14	EP-000029-00	SMPS				1	
H-5-2-15	GP-010543-01	SMPS Cover Stud (3-5-50)				4	
H-5-2-16	GP-021400-00	SMPS Radiator				1	
H-5-2-17	10-028S-SC53	Screw Ass'y SMPS Radiator (M3xL7)				4	
H-5-2-18	BD-000293-00	Unit SMPS Board				1	
H-5-2-19	10-028S-SC53	Screw Ass'y Unit Board (M3xL7)				4	
H-5-2-20	GP-007476-00	Noise Filter				1	
H-5-2-21	10-028S-SC53	Screw for Noise Filter (M3xL7)				2	
H-5-2-22	EP-000032-00	MAIN POWER SWITCH				1	
H-5-2-23	SC-000406-00	Screw for Control Box Front Cover (B)				2	
H-5-2-24	EP-000028-00	POWER SOCKET				1	
H-5-2-25	10-004M-SW68	Screw for POWER SOCKET (M3xL5)				2	
H-5-2-26	EP-000040-00	Fan				1	
H-5-2-27	SC-000392-00	Screw for Fan(M4*L30)				4	
H-5-2-28	09-041S-3701	Fan Nut(M4)				4	

H

H-6



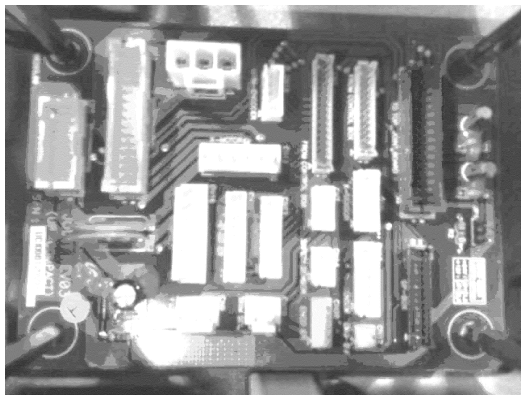
Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
H-6-1	EP-000034-00	Jumping Sol.				1	
H-6-2	06000110TH00	JUMP SOL BRACKET				1	
H-6-3	—	Hex. Nut				1	
H-6-4	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	2	
H-6-5	18014SW-3115	Spring Washer (@4-No2)			O	2	
H-6-6	18015SW-3111	Washer (4@)			O	2	

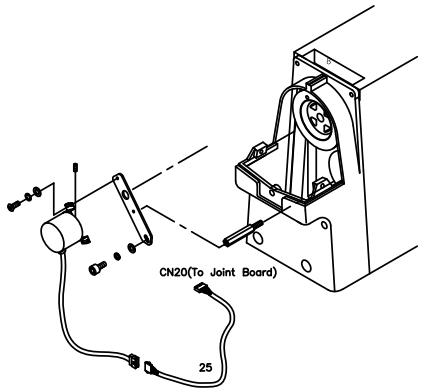
H

CABLE & SET-UP

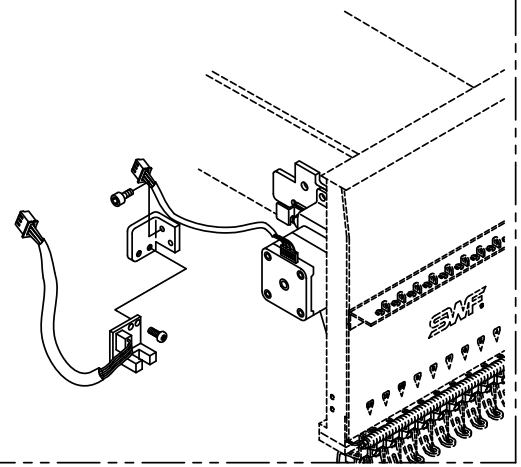
I-1



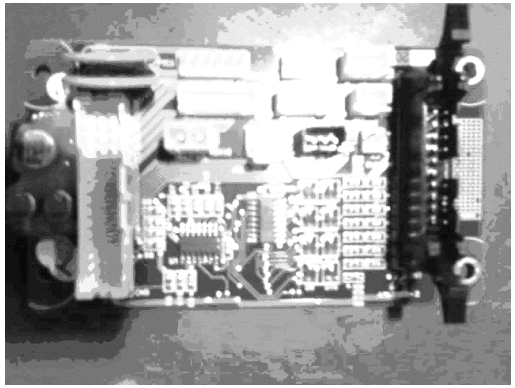
I-2



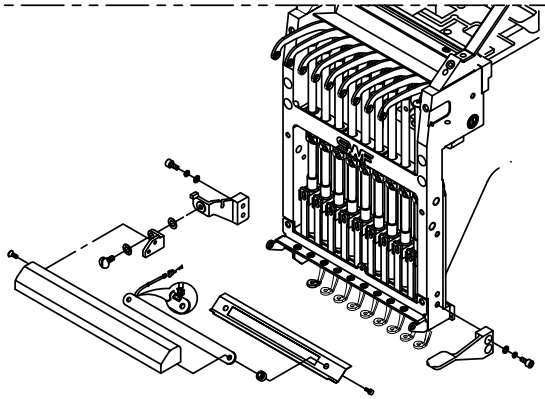
I-3



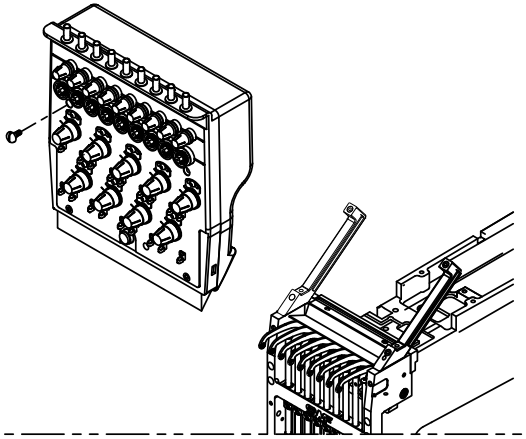
I-4



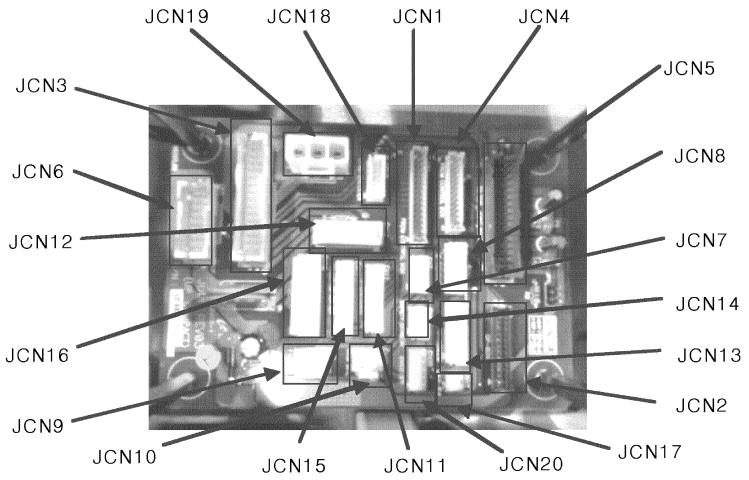
I-5



I-6



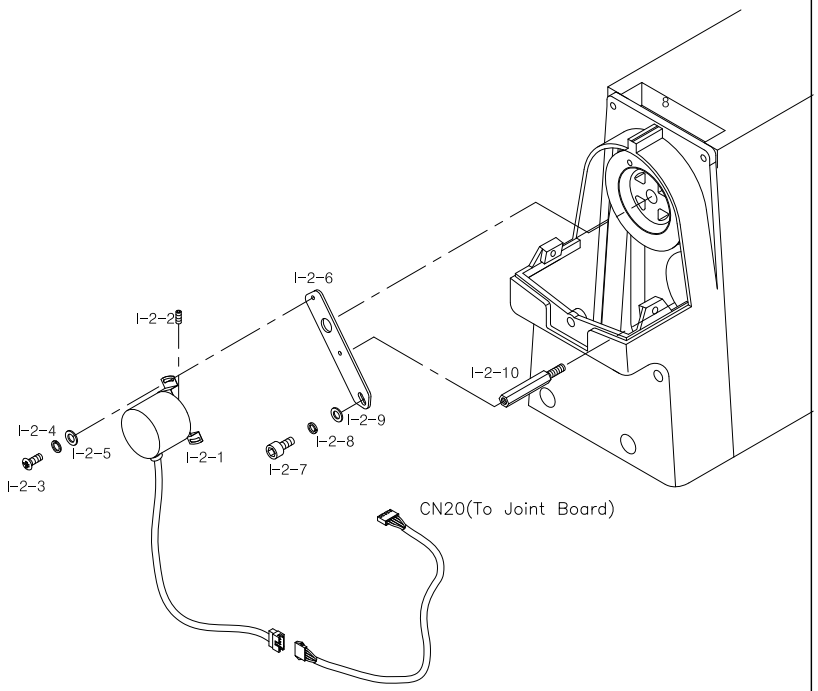
I-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
JCN 1		FROM CONTROL BOX					
JCN 2		OP. Box					
JCN 3		FROM CONTROL BOX					
JCN 4		FROM CONTROL BOX					
JCN 5		TO TOP JOINT BOARD					
JCN 6		FROM CONTROL BOX					
JCN 7		FROM CONTROL BOX					
JCN 8		X-SENSOR					
JCN 9		Picker Sol.					
JCN 10		TRIM Sol.					
JCN 11		X-ENCORDER					
JCN 12		X-MOTOR					
JCN 13		Y-SENSOR					
JCN 14		SAFETY SENSOR					
JCN 15		Y-ENCORDER					
JCN 16		Y-MOTOR					
JCN 17		EMG-S/W					
JCN 18		MAIN-ENCORDER					
JCN 19		MAIN-MOTOR					
JCN 20		ENCORDER					

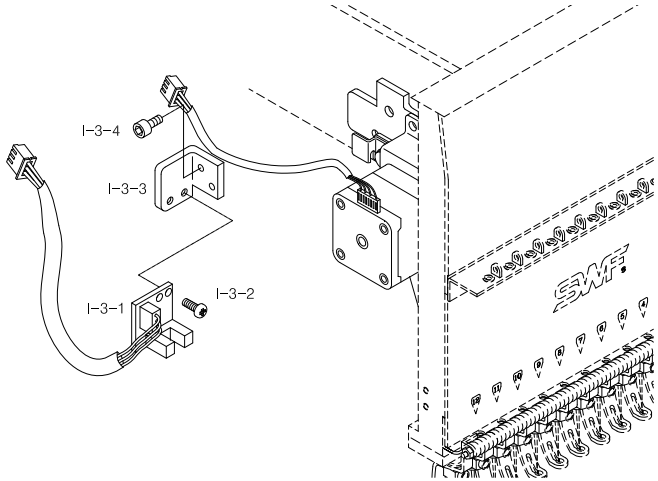
I-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-2-1	03013EL-T121	Encoder Set				1	
I-2-2	03020SC-A001	Drive Pin Screw 11/64,N40,L8			O	2	
I-2-3	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	2	
I-2-4	02028SW-9115	Spring Washer (@4)			O	2	
I-2-5	06003SW-2111	Washer (@4)			O	2	
I-2-6	GP-013327-00	Encoder Bracket				1	
I-2-7	02015SC-7113	HEX.SOCKET BOLT(M4*L10)			O	1	
I-2-8	02028SW-9115	Spring Washer (@4)			O	1	
I-2-9	06003SW-2111	Washer (@4)			O	1	
I-2-10	GP-013328-00	Encoder Stud Bolt				1	

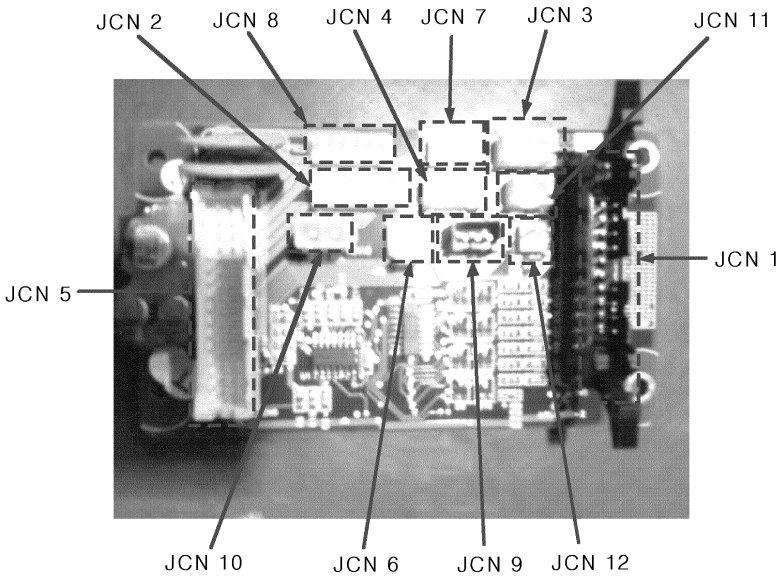
I-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-3-1	09017EL-T121	Wiper Sensor Board				1	
I-3-2	08006SC-8118	Plus Screw (M3*L5)			O	2	
I-3-3	08501000C000	WIPER RETURN SENSOR BRAKET				1	
I-3-4	07035SC-7113	BRACKET SCREW (M3*L6)			O	2	

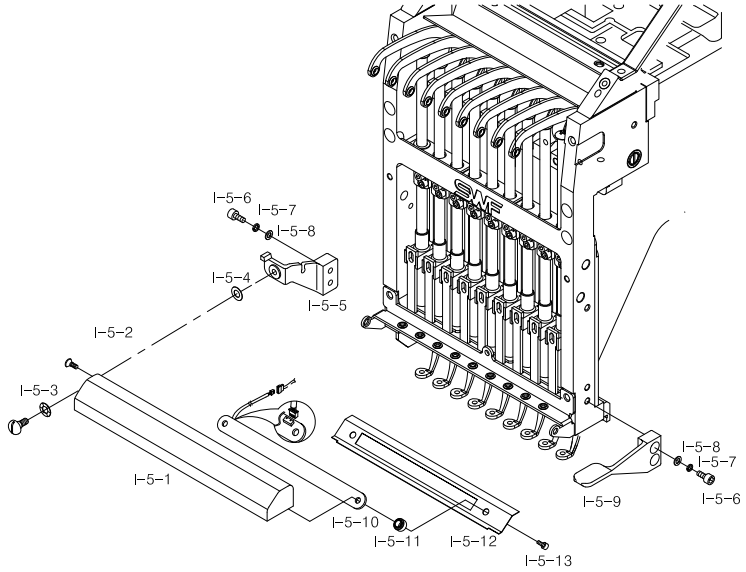
I-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
JCN 1		To Wheel Board					
JCN 2		C/C Motor					
JCN 3		Half Turn					
JCN 4		Potention Meter					
JCN 5		To Back Plane					
JCN 6		Jump Sol					
JCN 7		Wiper Sensor					
JCN 8		To Wiper Motor					
JCN 9		LED Lamp					
JCN 10		Holding Sol					
JCN 11		Pointer					
JCN 12		Emergency S/W					

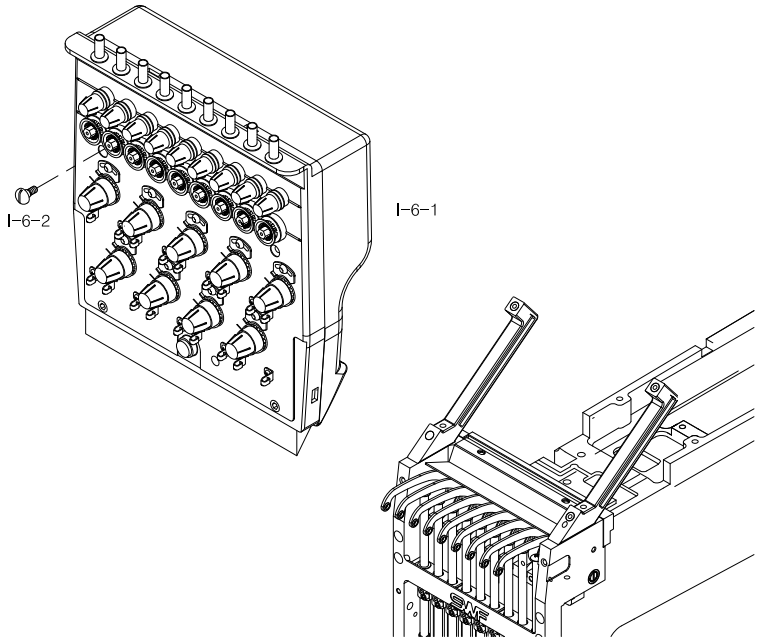
I-5



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-5-1	GP-015042-00	Lamp Bracket (6C)				1	
	GP-015889-00	Lamp Bracket (9C)					
	GP-015050-00	Lamp Bracket (12C)					
	GP-015057-00	Lamp Bracket (15C)					
I-5-2	SC-000363-00	Stud Screw For Lamp Driving Link				1	
I-5-3	WS-000101-00	Washer For Lamp Driving Link (B)				1	
I-5-4	WS-000100-00	Washer For Lamp Driving Link (A)				1	
I-5-5	GP-009854-00	Lamp End Bracket (L)	Jun,01,05 ~ Sep,07,05	X		1	
	GP-009854-01		Sep,07,05 ~	△		1	
I-5-6	05026SC-4113	Stopper Screw (9/64-11.5)			O	4	
I-5-7	18014SW-3115	Spring Washer (@4-No2)			O	4	
I-5-8	18015SW-3111	Washer (@4)			O	4	
I-5-9	GP-009858-00	Lamp End Bracket (R)	Jun,01,05 ~ Sep,07,05	X		1	
	GP-009858-01		Sep,08,05 ~	△			
I-5-10	BD-000253-02	Lamp Led Board(9C)				1	
	BD-000254-02	Lamp Led Board(12C)					
I-5-11	GP-009852-01	Lamp Cover Stud				2	
I-5-12	GP-015043-00	Lamp Cover (6C)				1	
	GP-009853-00	Lamp Cover (9C)					
	GP-010418-00	Lamp Cover (12C)					
	GP-015058-00	Lamp Cover (15C)					
I-5-13	02010SC-3123	Truss Screw (M4*L8)			O	1	

I-6

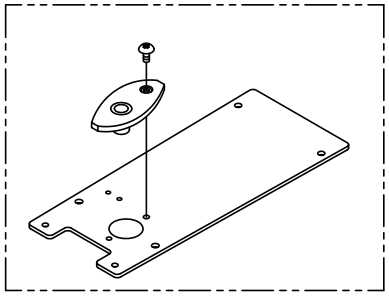


Note

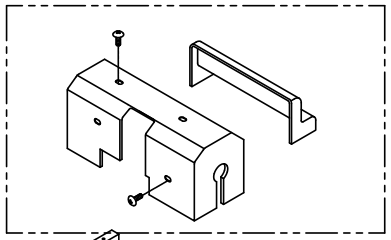
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
I-6-1	AS-004326-00	Tension Unit Set (6C)				1	
	AS-004149-00	Tension Unit Set (9C)					
	AS-004301-00	Tension Unit Set (12C)					
	AS-004327-00	Tension Unit Set (15C)					
I-6-2	02002SC-7119	PLUSS SCREW (M4*L8)			O	5	

COVER & SPOOL

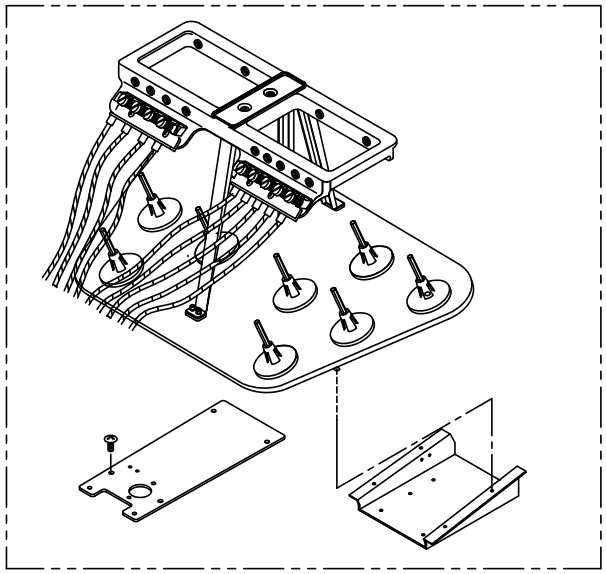
J-5



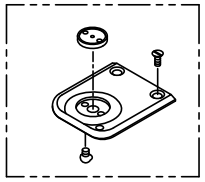
J-3

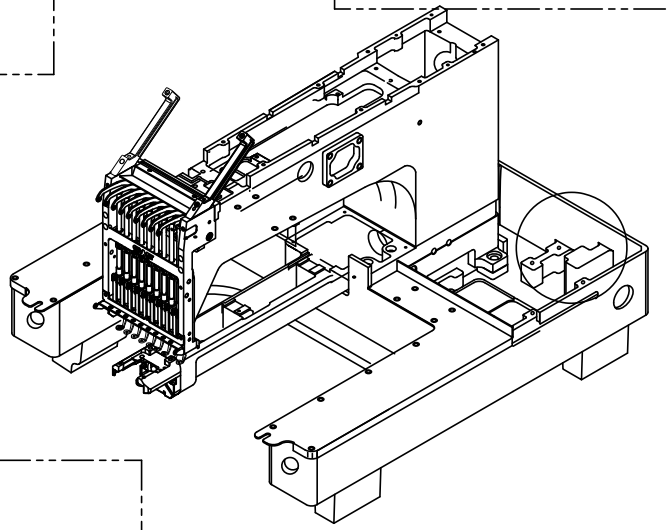


J-2

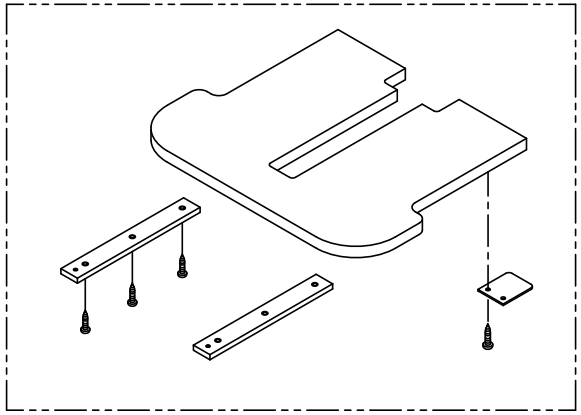


J-3

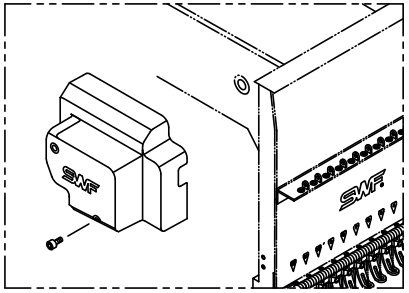




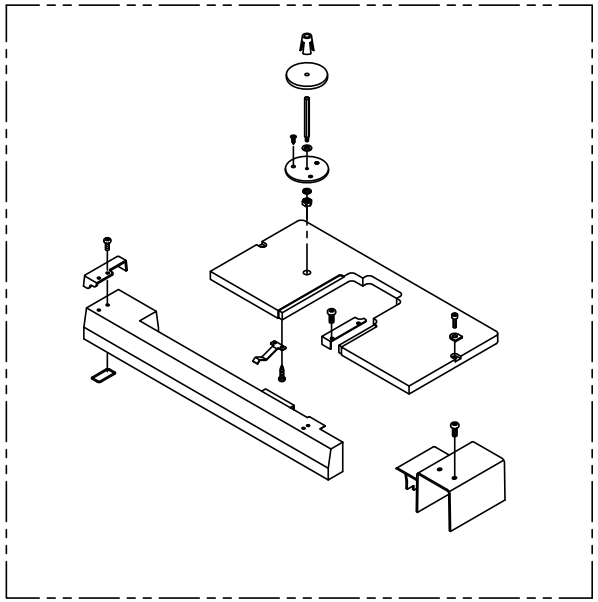
J-4



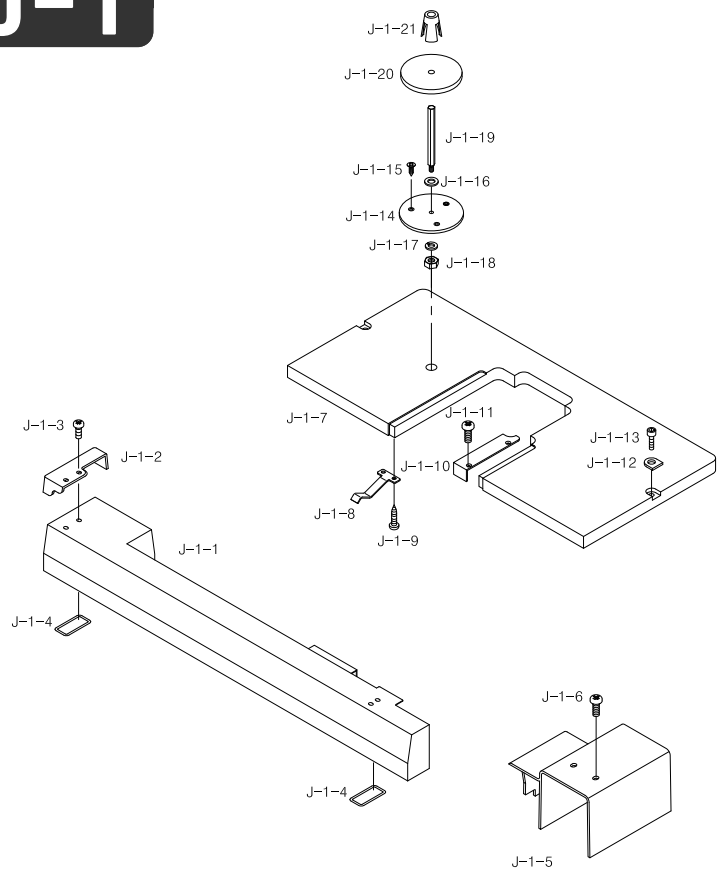
J-6



J-1



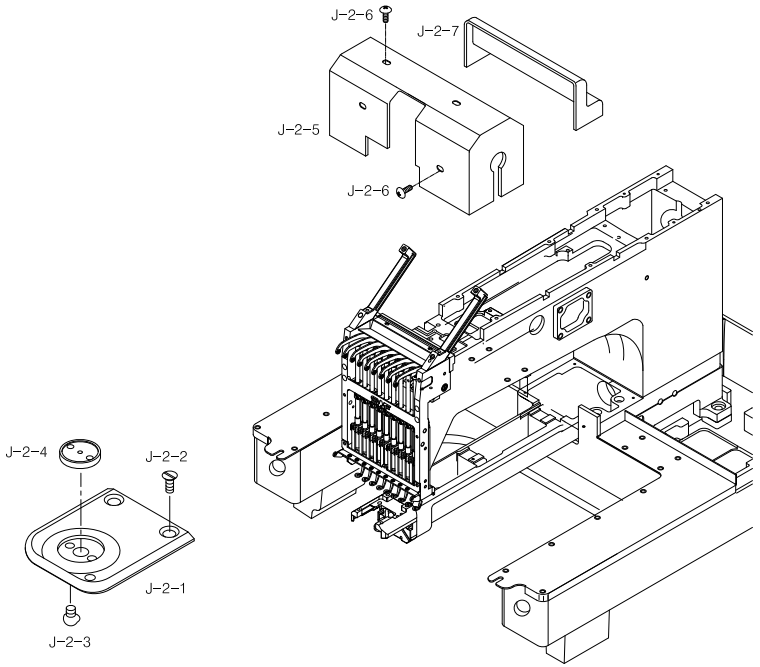
J-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-1-1	02009LA-CT01	X-Driving Belt Cover				1	
J-1-2	02020PM-CT01	X-Driving Belt Safety Cover				1	
J-1-3	18153SC-3123	Plus Screw (M4*L10)			O	4	
J-1-4	02022RB-CT01	X-Cover Rubber				2	
J-1-5	GP-013368-00	X-Driving Motor Cover	Nov,19,05 ~ Apr,03,06	X		1	
	GP-013368-01		Apr,04,06 ~ Nov,21,07	△		1	
	GP-013368-02		Nov,21,07 ~	△			
J-1-6	18153SC-3123	Plus Screw (M4*L10)			O	4	
J-1-7	GP-013348-00	Table (A) Compact	Nov,19,05 ~ May,01,06	X		1	
	GP-013348-01		May,02,06 ~ Jan,21,11	△		1	
	GP-013348-02		Jan,22,11 ~	△		1	
J-1-8	14002PR-T121	Table Holder Plate "A"				2	
J-1-9	19002SC-1330	Tapping Screw (4*L16-No1)				8	
J-1-10	GP-013350-00	Table A Cover(R)	Nov,19,05 ~ May,01,06	X		1	
	GP-013350-01		May,02,06 ~	△		1	
J-1-11	18153SC-3123	Plus Screw				4	
J-1-12	17003PR-CT01	Table Washer				2	
J-1-13	08091SC-7113	HEX. SOCKET BOLT (M6*L20)			O	2	
J-1-14	25035PR-CT01	Supporter For Spool				1	
J-1-15	17012SC-8329	Hex. Socket Set Screw (M4*L16)			O	3	
J-1-16	18049SW-3111	WASHER (@5)			O	1	
J-1-17	18048SW-3115	SPRING WASHER (5@)			O	1	
J-1-18	12010SN-1211	Hex.Nut (M5)			O	1	
J-1-19	12009SC-A001	Spool Post				1	
J-1-20	12052SF-A001	Spool Sponge				1	
J-1-21	12012PM-A001	Spool Holder				1	

J-2

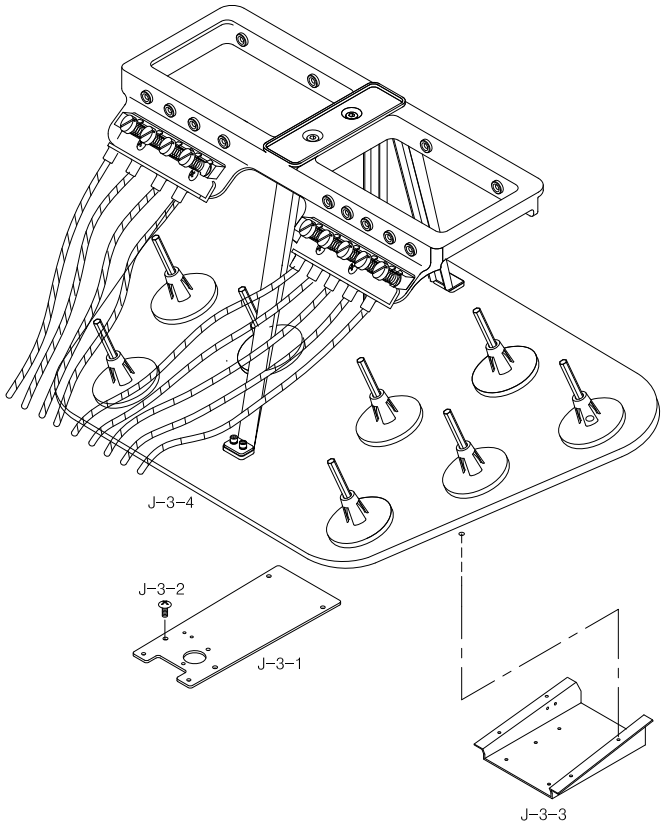


Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-2-1	02019PR-T121	Needle Plate(Cap)				1	
J-2-2	04004AF-A001	Needle Plate Screw				2	
J-2-3	02022SC-T121	Needle Guide Plate Screw				2	
J-2-4	02022CW-T121	Needle Guide Plate(Flat)				1	
	GP-010385-00	Needle Guide Plate(Flat Sequin)				1	
J-2-5	GP-015880-00	Color Change Cover(L)	Feb,27,06 ~ May,01,06	X		1	
	GP-015880-01		May,02,06 ~ Oct,08,06	△		1	
	GP-015880-02		Oct,09,06 ~	△		1	
J-2-6	02010SC-3123	Truss Screw (M4*L8)			O	2	
J-2-7	08103800C010	Color Change Cover B				1	

J

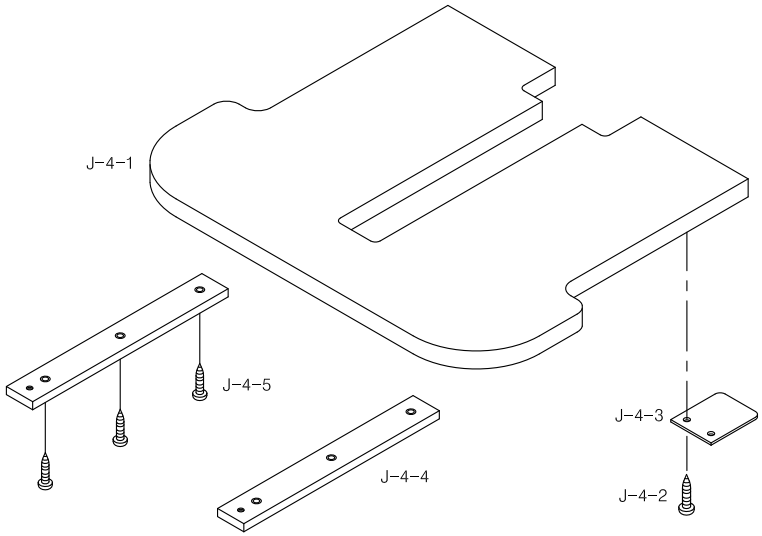
J-3



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-3-1	GP-013358-00	Spool Plate				1	
J-3-2	18153SC-3123	Plus Screw (M4*L10)			O	2	
J-3-3	GP-013365-00	Spool Plate Support	Nov,19,05 ~ May,01,06	X		1	
	GP-013365-01		May,02,06 ~	△		1	
J-3-4	AS-004017-00	Spool ASSY				1	

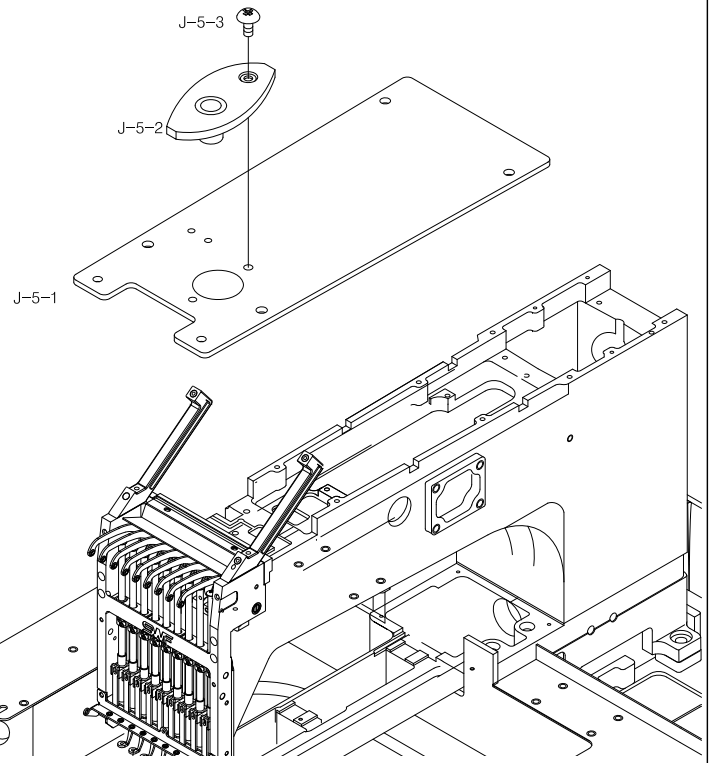
J-4



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-4-1	17006TA-CT01	Table (B) Compact				1	
J-4-2	19002SC-1330	Tapping Screw (M4XL16)			O	8	
J-4-3	14006PR-T121	Table Support Plate (R)				2	
J-4-4	GP-005629-00	TABLE SUPPORT PLATE (L)				1	
	GP-005628-00	TABLE SUPPORT PLATE (R)				1	
J-4-5	17012SC-8329	Hex. Socket Set Screw(M4*L16)			O	6	

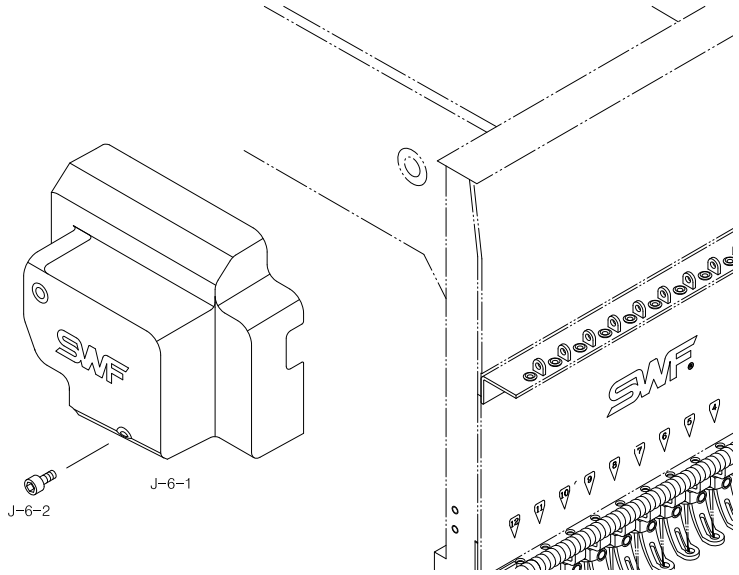
J-5



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-5-1	GP-013358-00	Spool Plate				1	
J-5-2	01003100T000	Oil Funnel				1	
J-5-3	15042SC-3123	TRUSS SCREW (M4*L6)			O	1	

J-6

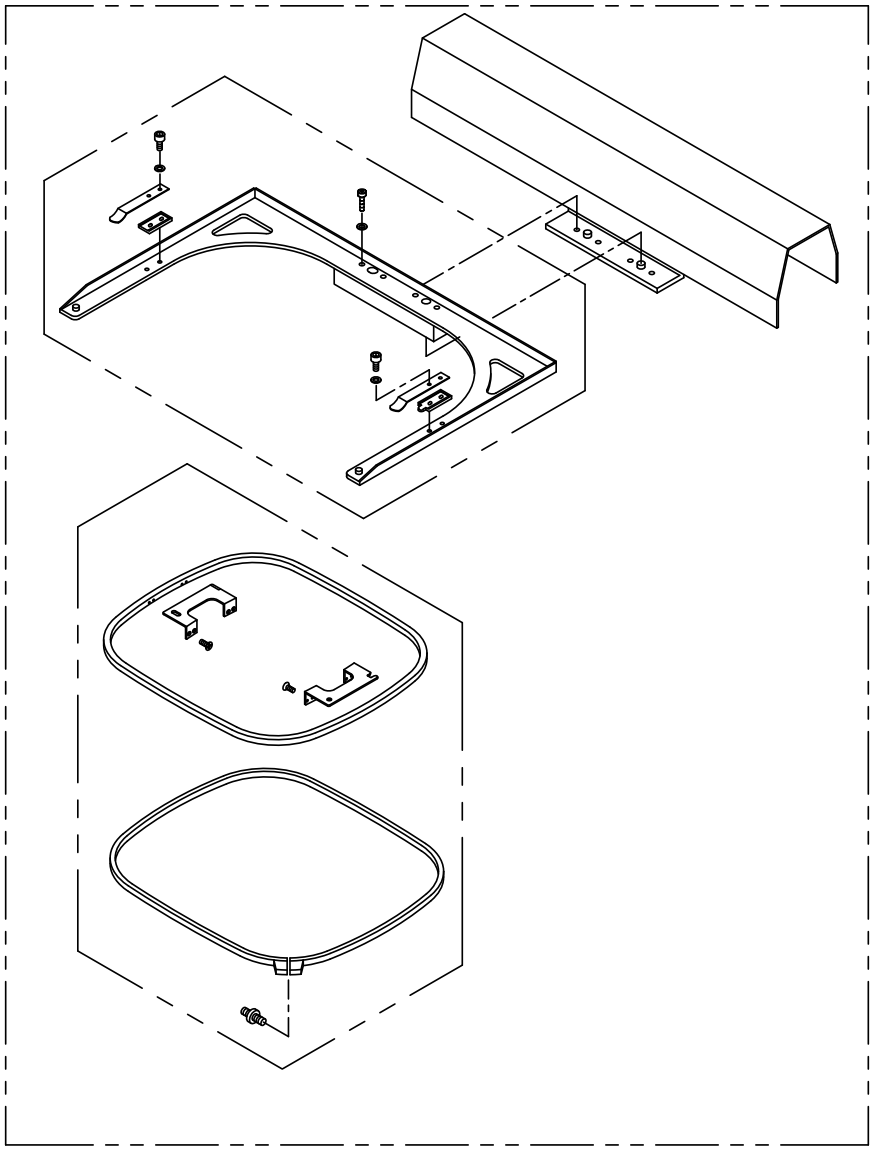


Note

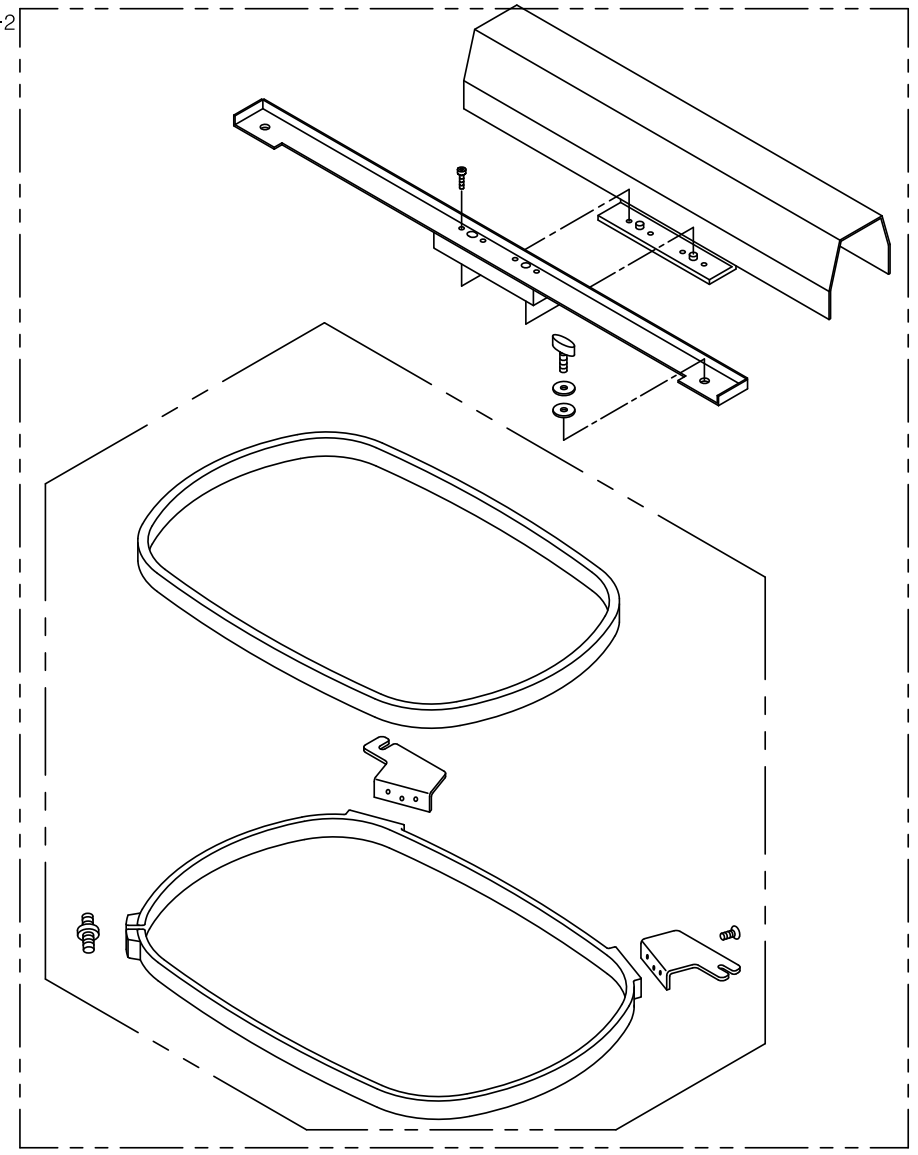
Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
J-6-1	08500500C000	Upper Thread Hook Cover				1	
J-6-2	09036CW-CT01	Wiper Cover Stud Bolt			O	2	

Border & Tubular Frame

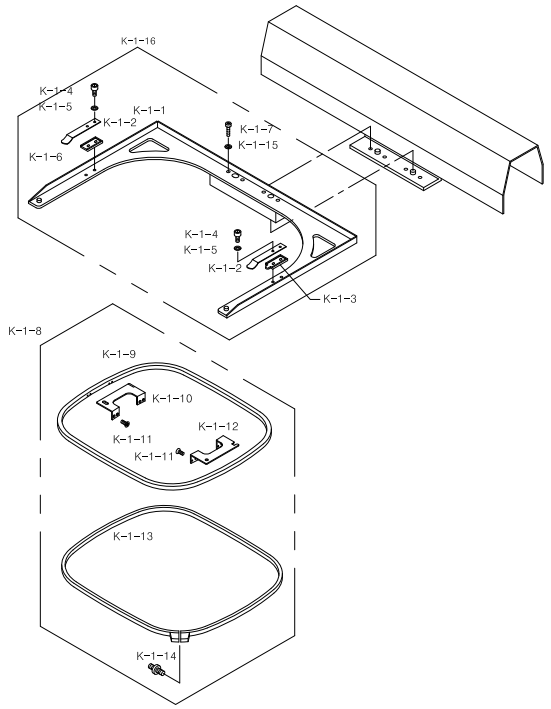
K-1



K-2



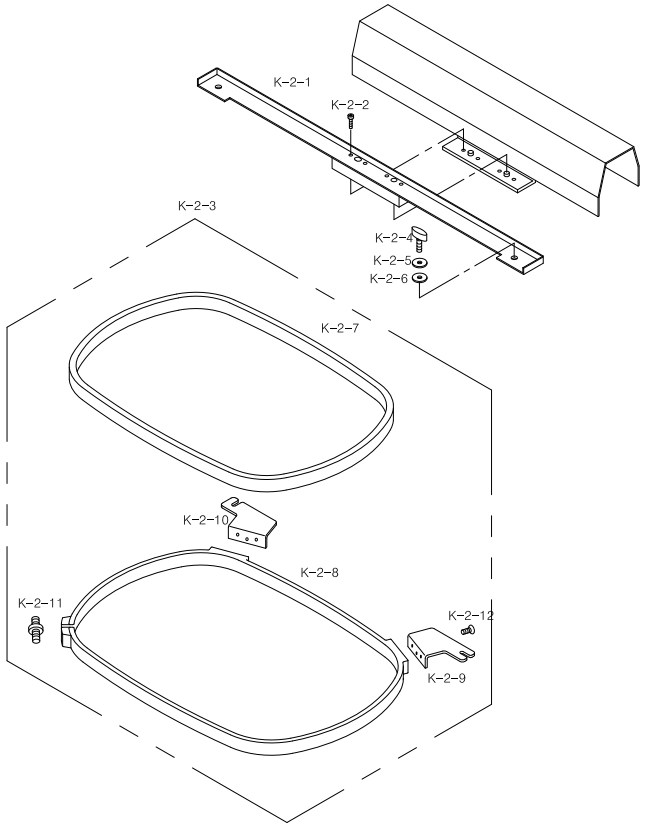
K-1



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
K-1-1	22001PR-CT06	Attachment (6,9C)				1	
	22001PR-CT12	Attachment (12,15C)					
K-1-2	22005PR-T121	Clip				2	
K-1-3	22004PM-T121	Clip Bracket (R)				1	
K-1-4	22006SC-7113	Hex. Socket Bolt (M3*L8)			O	4	
K-1-5	06011SW-2111	Washer (@3)			O	4	
K-1-6	22003PM-T121	Clip Bracket (L)				1	
K-1-7	05008SC-4113	Hex.Socket Bolt (M4*L16)			O	4	
K-1-8	22001BM-CT06	Sqaure Frame 30*30 Ass'Y (6,9C)				2	
	22001BM-CT12	Tubular Frame 412*270 Ass'Y (12,15C)					
K-1-9	22017PM-T121	Square Frame 30*30(Outer) (6,9)				2	
	22012PM-CT01	Tubulr Frame Set (12,15C)					
K-1-10	22013PR-CT01	Tubler Frame Holder (L)				2	
K-1-11	13061SC-8119	Plus Screw (M3*L10)			O	16	
K-1-12	22015PR-CT01	Tubler Frame Holder (R)				2	
K-1-13	22018PM-T121	Square Frame 30*30(Inner) (6,9C)				2	
	22012PM-CT01	Tubulr Frame Set (12,15C)					
K-1-14	18111CW-A001	Frame Tension Adjusting Bolt				2	
K-1-15	18015SW-3111	Washer (4@)			O	44	
K-1-16	09100112C000	Tubular Frame Attachment Set (6,9C)				1	
	09100114C000	Tubular Frame Attachment Set (12,15C)					

K-2



Note

Ref.No	Part No.	Part Name	Application date	Interchangeability	Hardware	Q'ty	Remarks
K-2-1	24001PR-CT01	Boarder Frame Attachment				1	
K-2-2	05008SC-4113	Hex.Socket Bolt (M4*L16)				4	
K-2-3	24001BM-CT01	Border Frame Set				2	
K-2-4	24003PM-CT01	Boder Frame Clamp				2	
K-2-5	16018SW-1111	Washer (@5)			O	2	
K-2-6	24005RB-CT01	Rubber Washer				2	
K-2-7	24006PM-CT01	Boarder Frame Set 460*300 (Inner)				1	
K-2-8		Boarder Frame Set 460*300 (Outer)				1	
K-2-9	24008PR-CT01	Boarder Frame Holder (L)				1	
K-2-10	24010PR-CT01	Boarder Frame Holder (R)				1	
K-2-11	18111CW-A001	Frame Tension Adjusting Bolt				1	
K-2-12	21002SC-8119	PLUS SCREW (M3*L8)			O	6	