

# PARTS MANUAL

MODEL NAME

CCW-R-218WB-2D/30-SS-ITP

ORDER No

JOB No.

ISHIDA CO., LTD.

## HOW TO USE THIS PARTS MANUAL

#### **□OVERVIEW**

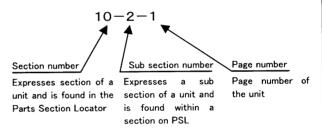
This parts manual contains a list of replacement parts for a standard equipped machine. Please refer to this manual when ordering or replacing parts.

### **THOW TO REFER TO THIS MANUAL**

- · The machine is divided into sections.
- The Parts Section Locator, found on the first page, contains an illustration showing the location of main components (units). Refer to the illustration to locate the corresponding section for the desired unit. Some units may contain sub sections. Sub sections are listed within a section heading on the Parts Section Locator.
- The Table of Contents, found on the second page, contains the section/page number, unit name, part code, and drawing number for each unit. For a detailed list of parts and parts code used within each unit, refer to the corresponding unit section.

Page references are constructed as follows: section number, sub section number (if any),
 and page number.

 A disassembly illustration is found on the left-hand side page of each parts list.



### □ORDERING A PART

When ordering a part, be sure to specify

the part by referring to this manual and advising Ishida of the following information:

- · Parts manual number (indicated on the upper side of the Table of Contents)
- · Job number of the machine (found on the plate fitted to the main body)
- · Company name
- · Contact information
- · Part code of the required item
- · Part name
- Quantity

When you need to order a whole unit, please specify the part code with the marking 

on the itemized list.

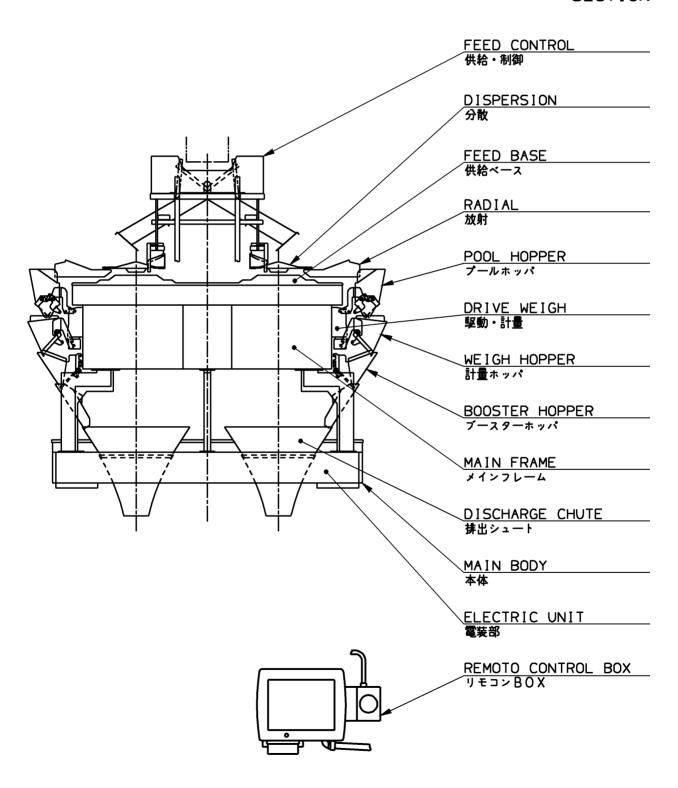
## REMARK

 The items listed on this manual are original equipment specifications and may be slightly different from the items actually equipped to your Ishida machine now in operation. For this reason, always be sure to indicate job number (indicated on the cover sheet of this manual) when ordering parts.

# CCW-R

## PARTS SECTION LOCATOR

## **SECTION**



# **TABLE OF CONTENTS**

MODEL NAME CCW-R-218WB-2D/30-SS-ITP

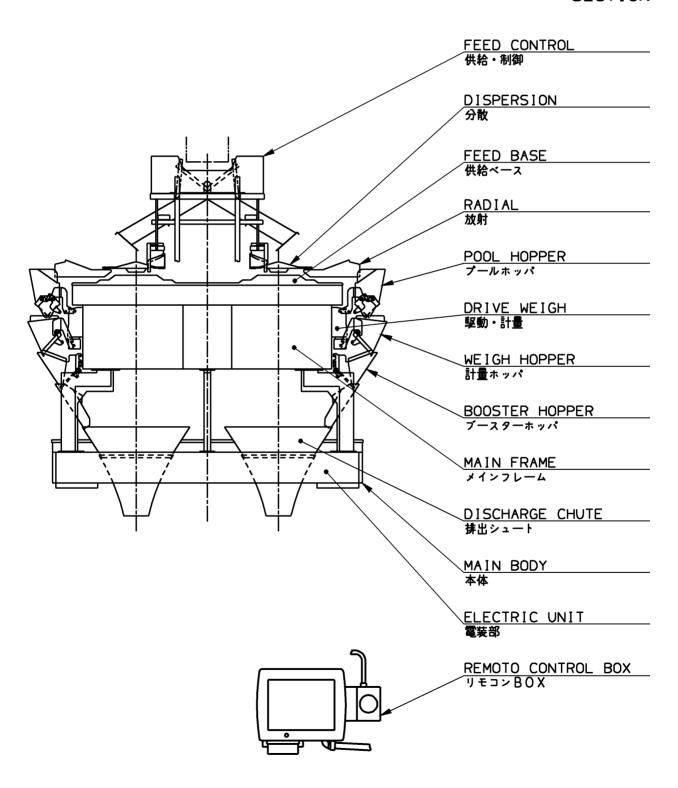
JOB No. 09-11217-014

SECT- PAGE	UNIT NAME	PART CODE	DRAW No.
10- 1	MAIN BODY UNIT::	130-7351-13	4D-39751
10- 2	PLATE UNIT: MAIN BODY:	112-6313-05	4D-39752
10- 3	ACCESSORY:MAIN BODY:	124-9214-04	4D-39636
10- 4	AIR UNIT::	112-9419-07	4D-33966
11- 1	FAN UNIT::	127-3095-17	4D-38988
20- 1	DRIVE WEIGH UNIT::	128-8220-11	4D-34938
21- 1	DRIVE UNIT:BH:	126-9158-03	4D-35387
22- 1	DRIVE WEIGH UNIT:LEVER:	108-7470-32	4D-34257
23- 1	DRIVE UNIT:BH:LEVER	124-9073-15	4D-38620
30- 1	AFV UNIT::	124-9211-31	4D-38622
30- 2	FRAME UNIT: MAIN:	130-7358-00	4D-38989
30- 3	CHUTE UNIT: DISCHARGE:	130-7491-11	4D-39759
31- 1	ELECTRICAL UNIT: MAIN:	130-9045-11	4D-40260
40- 1	BASE UNIT: FEED:	130-0443-08	4D-39754
40- 2	FEEDER UNIT: FEED:	130-4492-05	4D-39755
40- 3	COVER UNIT: FEEDER:	130-0445-05	4D-39753
41- 1	FEEDER UNIT: DISPERSION:	070-3829-23	4D-11216
41- 2	TABLE UNIT:DISPERSION:	132-1511-15	4D-80010
42- 1	FEEDER UNIT: RADIAL:	063-1251-81	4D-14852
42- 2	TROUGH UNIT: DISPERSION:	130-0447-02	4D-39757
42- 3	TROUGH UNIT: RADIAL:	131-9799-03	4D-40261
42- 4	TROUGH UNIT: RADIAL: SIDE R	131-9804-09	4D-40262
42- 5	TROUGH UNIT: RADIAL: SIDE L	131-9806-06	4D-40263
43- 1	INFEED UNIT:DIVERTING:	130-7776-12	4D-80010
43- 2	FRAME UNIT: INLET: REJECTOR	130-7773-02	4D-39641
43- 3	ELECTRICAL UNIT: REJECTOR:	109-0782-18	4D-09637
43- 4	PS UNIT AS:REJECTOR:	108-8829-20	4D-38516
50- 1	HOPPER UNIT:PH:	106-2391-57	4D-31985
50- 2	HOPPER UNIT:WH:	106-2404-51	4D-31986
50- 3	HOPPER UNIT: BH:	130-7782-06	4D-39000
60- 1	CHUTE UNIT:MD:	130-8062-01	4D-39642
60- 2	ACCESSORY:MD:	132-1145-06	4D-40264
70- 1	SWITCH UNIT: EMERGENCY:	107-0256-11	4D-33191
80- 1	RELAY UNIT::	109-3097-01	4D-13927
81- 1	PS-0 UNIT::	121-6079-14	4D-36659

# CCW-R

## PARTS SECTION LOCATOR

## **SECTION**

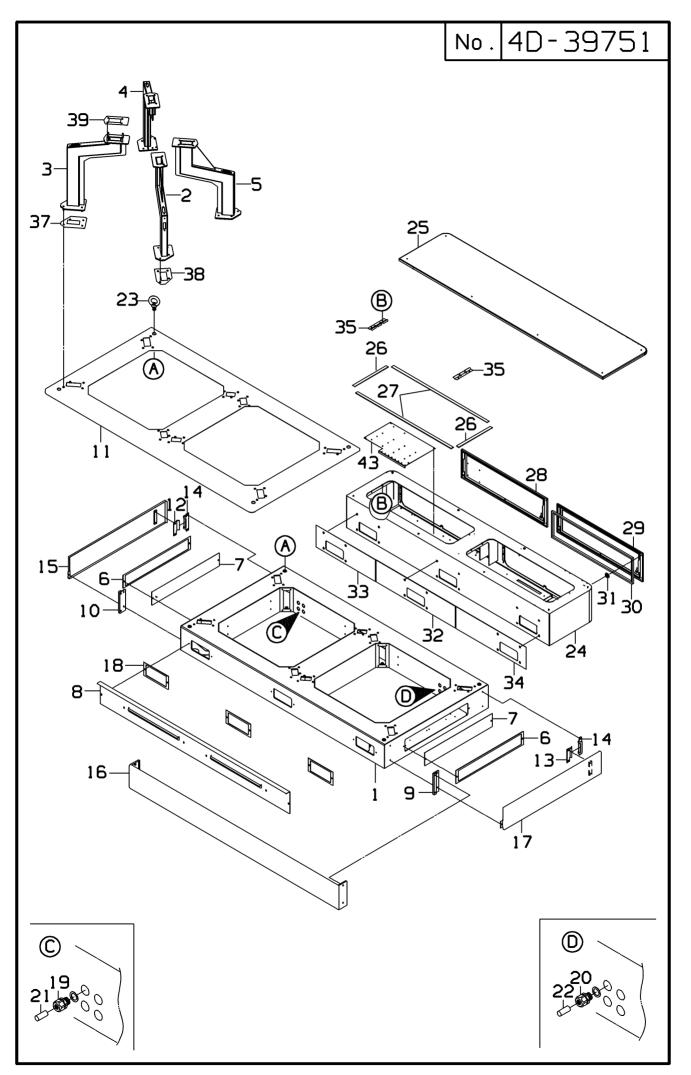


# **TABLE OF CONTENTS**

MODEL NAME CCW-R-218WB-2D/30-SS-ITP

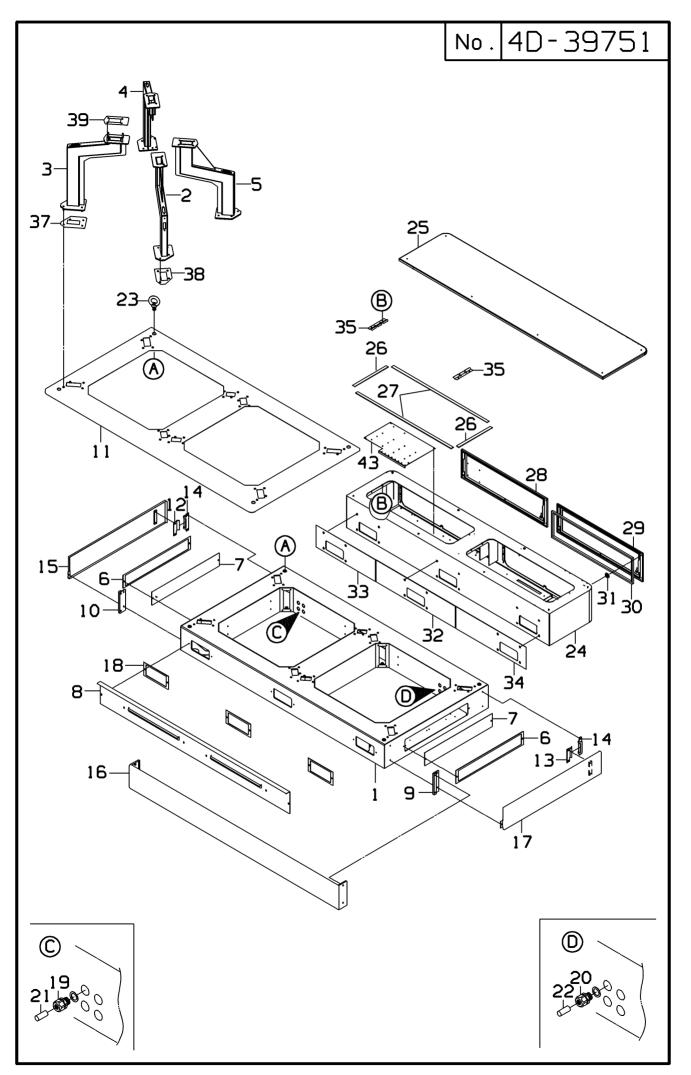
JOB No. 09-11217-014

SECT- PAGE	UNIT NAME	PART CODE	DRAW No.
83- 1	ELECTRIC UNIT::	130-4640-00	4D-32537
84- 1	CAL UNIT::	117-1261-03	4D-32613
85- 1	HARNESS UNIT::	130-9066-00	4D-39762
85- 2	HARNESS UNIT:ITPS:INTERLOCK	127-3175-02	4D-36944
86- 1	PS-2 UNIT::	099-1027-39	4D-32381
87- 1	PS FEEDER UNIT::	099-1214-48	4D-32008
90- 1	CAMERA UNIT:DISPERSION:	131-0961-08	4D-34704
90- 2	DF CAMERA UNIT::	115-3008-00	4D-32704



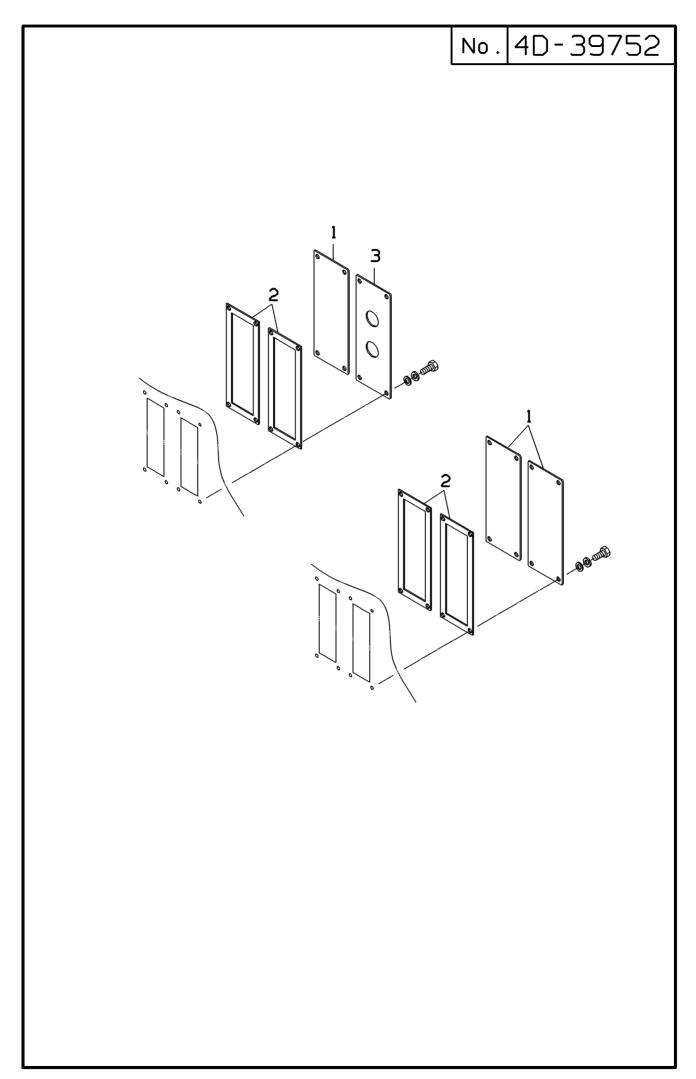
UNIT NAME MAIN BODY UNIT:: DRAW NO. 4D-397
--

NO.	PART CODE	PART NAME	QUANTITY
	130-7351-13	MAIN BODY UNIT::	
1	130-7342-01	MAIN BODY::	1
2	130-4496-00	FRAME: MAIN BODY:	2
3	130-4497-03	FRAME: MAIN BODY:	2
4	130-7771-05	FRAME: MAIN BODY:	2
5	130-7772-09	FRAME: MAIN BODY:	2
6	124-5163-03	GASKET: COVER:	2
7	124-5164-07	COVER:SIDE:	2
8	130-7350-01	COVER: FRONT:	1
9	124-5167-08	BRACKET: COVER: F	1
10	124-5168-01	BRACKET: COVER: F	1
11	130-7343-04	LINING SHEET::	1
12	124-7727-01	BRACKET: COVER: R	1
13	124-7728-04	BRACKET: COVER: R	1
14	124-7734-07	BRACKET: COVER: R	2
15	124-7735-01	COVER:SIDE:	1
16	130-7349-06	COVER: FRONT:	1
17	124-7737-08	COVER:SIDE:	1
18	092-1417-00	GASKET: COVER:	3
19	010-9657-09	ACCESSORY:BUSH:SC LOCK	8
20	010-9658-02	ACCESSORY:BUSH:SC LOCK	3
21	040-9043-00	CAP:SUPER LOCK:	3
22	040-9042-06	CAP:SUPER LOCK:	8
23	028-3142-03	EYE BOLT::	4
24	130-7345-11	BOX: ELECTRIC:	1
25	130-7347-09	COVER: ELECTRICAL BOX: TOP	1
26	124-7979-02	GASKET::	4
27	124-7981-01	GASKET::	4
28	124-7763-05	COVER:ELECTRICAL BOX:SIDE	1
29	124-5159-08	COVER: ELECTRICAL BOX: SIDE	1
30	124-5162-00	GASKET: COVER:	2
31	016-7516-03	WASHER:LOCK:	12
32	124-7980-16	GASKET::	1
33	130-4813-07	GASKET::	1
34	130-4812-03	GASKET::	1
35	124-7762-01	ATTACHMENT::	4



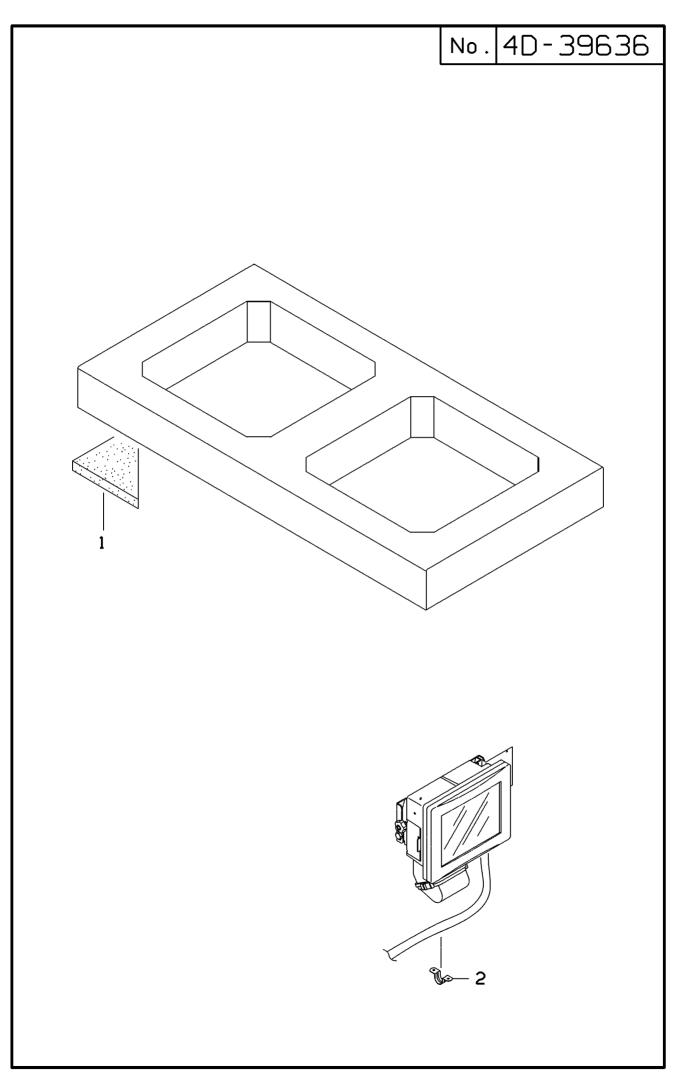
UNIT NAME   MAIN BODY UNIT:: DRAW NO.   4D-39751	UNIT NAME	MAIN BODY UNIT::	DRAW NO.	4D-39751
--	-----------	------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	130-7351-13	MAIN BODY UNIT::	
36	097-8992-07	NAME PLATE::	12
37	092-1422-18	GASKET::	4
38	092-1423-11	GASKET::	4
39	124-5051-00	GASKET::	8
40	092-1697-06	PLATE A::	5
41	130-7818-06	PIPE:POWER SUPPLY:	1
42	109-2652-05	PIPE:CAMERA:	2
43	127-1365-06	CHASSIS::	1
44	126-9154-09	HEX SOCKET BOLT::	6
45	000-0450-03	HEX NUT:T2:W/NYLON LOCK	2
46	000-0145-07	PLAIN WASHER:LARGE:	2



UNIT NAME   PLATE UNIT:MAIN BODY:   DRAW NO.   4D-39752
---

112-6313-05 PLATE UNIT:MAIN BODY:  1 012-2821-02 PLATE A:MAIN BODY:  2 014-2963-02 GASKET::  3 111-7242-01 PLATE A::MAIN BODY	3 4 1
2 014-2963-02 GASKET::	4
2 014-2963-02 GASKET::	
	1



UNIT NAME ACCESSORY: MAIN BODY: DRAW NO. 4D-396
---

NO.	PART CODE	PART NAME	QUANTITY
	124-9214-04	ACCESSORY:MAIN BODY:	
1	000-1684-01	BUMPER: MAIN BODY:	6
2	023-8687-08	ACCESSORY: CLAMP: SADDLE	10

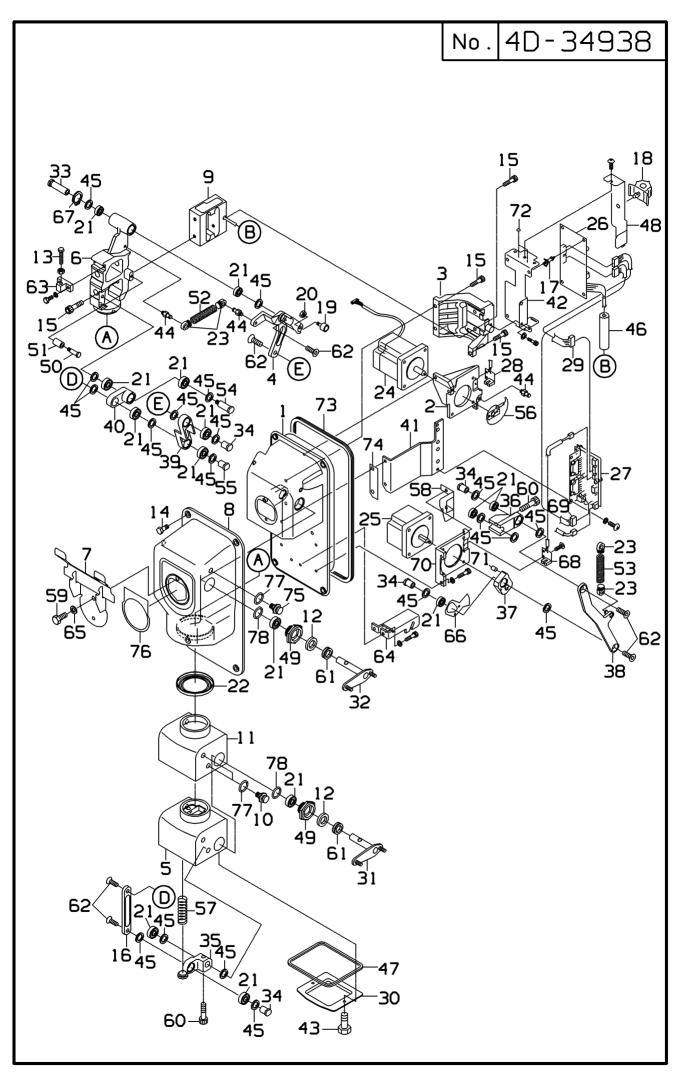
№. 4D-33966 6

UNIT NAME AIR UNIT:: DRAW NO.	4D-33966
-------------------------------	----------

NO.	PART CODE	PART NAME	QUANTITY
	112-9419-07	AIR UNIT::	
1	087-8417-02	FILTER REGULATOR::	1
2	075-3015-07	JOINT:HALF UNION:	1
3	002-6925-01	JOINT:HOSE UNION:	2
4	004-0213-06	HOSE BAND::	2
5	000-7142-01	TUBE: RUBBER HOSE:	10
6	004-6373-01	JOINT: SOCKET:	1
7	003-3910-02	JOINT:2 STEP NIPPLE:	1

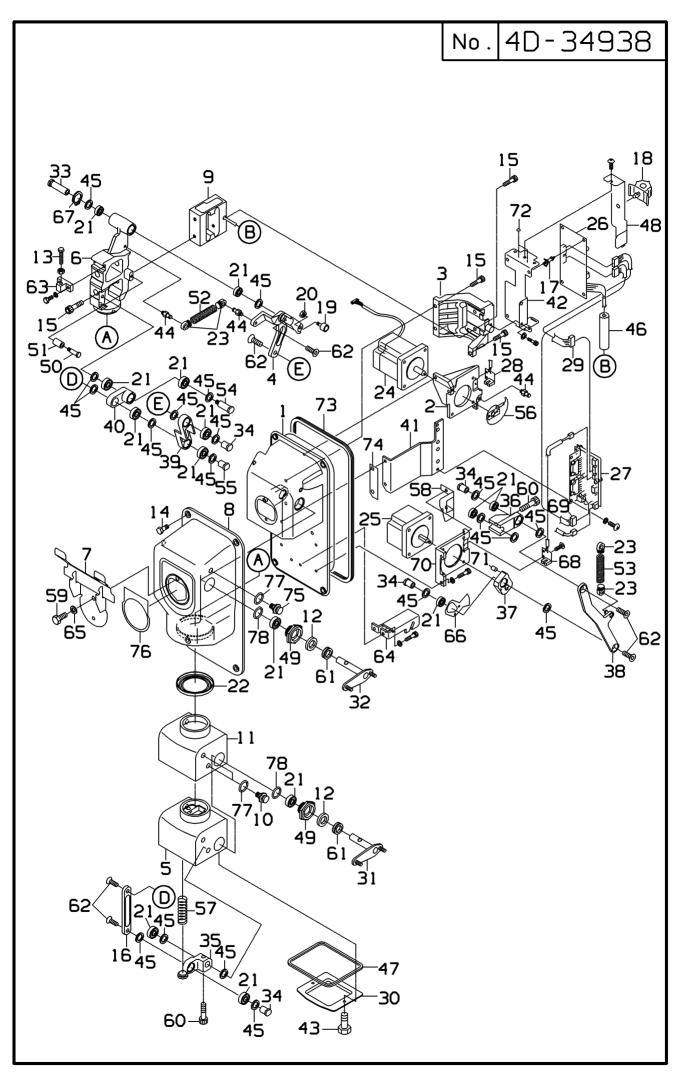
UNIT NAME FAN UNIT:: DRA	RAW NO.	4D-38988
--------------------------	---------	----------

NO.	PART CODE	PART NAME	QUANTITY
	127-3095-17	FAN UNIT::	
1	037-6528-00	BOX:FAN:	2
2	037-6529-03	BRACKET: DUCT:	4
3	037-6687-09	TUBE: DUCT: PMAFIX	2
4	033-0259-07	FAN::	2
5	131-2604-05	HARNESS:S2:FAN+24V	2
6	027-8521-02	TERMINAL: FASTENER:	4
7	119-5711-11	CHASSIS:FAN:PS-2	2
8	114-0530-00	FAN AS::	2
9	120-6732-16	HARNESS:S1:	1
10	120-6733-10	HARNESS:S1:	1



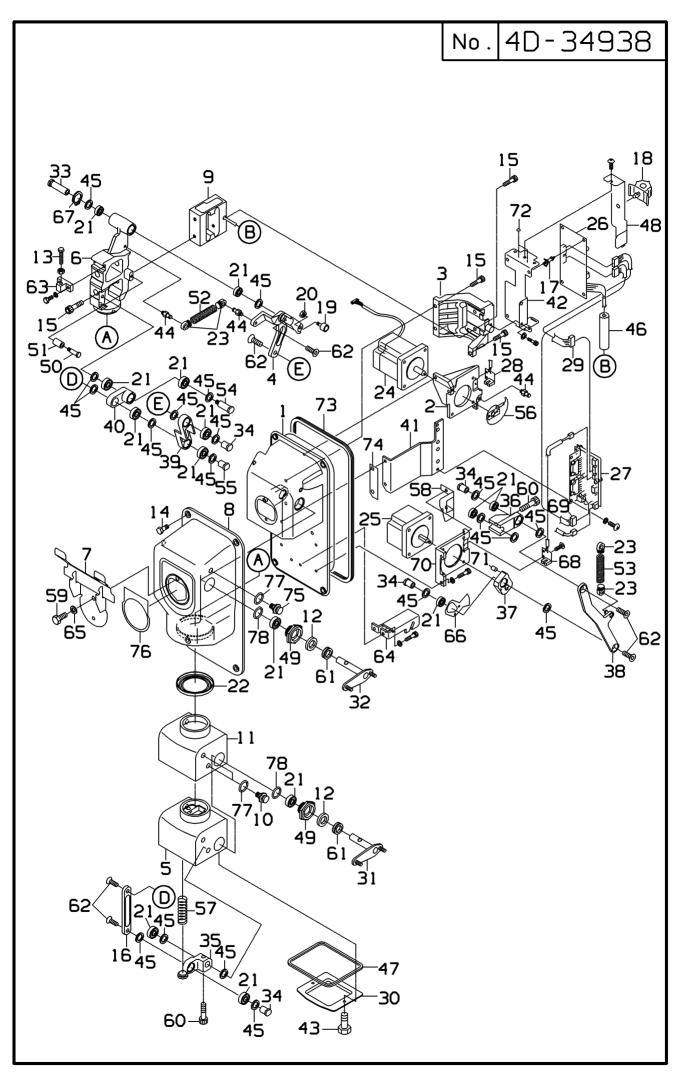
UNIT NAME DRIVE WEIGH UNIT: DRAW NO. 4D-34930	UNIT NAME	DRIVE WEIGH UNIT::	DRAW NO.	
---	-----------	--------------------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	128-8220-11	DRIVE WEIGH UNIT::	
1	102-3574-29	BASE:WDU:	1
2	106-4008-01	BRACKET: MOTOR: WH	1
3	066-6962-12	BASE:LC:	1
4	102-3572-12	LINK:WH:4	1
5	102-3586-14	HANGER: WH:	1
6	102-3576-17	BRACKET:LC:	1
7	123-9174-01	HANGER: PH:	1
8	101-5040-09	COVER:WDU:	1
9	052-3018-08	LC:TLC-6L:	1
10	106-4010-00	PIN: THREADED:	4
11	101-5084-02	COVER: HANGER WH:	1
12	020-7536-03	OIL SEAL::	2
13	033-2909-01	HEX BOLT:LIMIT:	1
14	071-0881-06	HEX BOLT::	4
15	000-0447-01	GT CAP SCREW::	7
16	102-3578-05	LINK:WH:5	1
17	000-1795-01	PWB ACCESSORY: CARD SPACER:	4
18	055-3330-02	ACCESSORY:CLAMP:CKS CLAMP	1
19	035-8187-06	CAM FOLLOWER: CYLINDRICAL:	1
20	061-0580-06	HEX NUT:T3:	1
21	050-2328-04	BEARING::	14
22	066-6937-00	DIAPHRAGM: 60:	1
23	052-3359-08	HANGER: SPRING:	4
24	065-2495-09	MOTOR: STEPPING:	1
25	063-1265-01	MOTOR: STEPPING:	1
26	124-7503-03	PWB:P-5428:C-1	1
27	127-8653-04	PWB:P-5439:C-2	1
28	060-5239-15	PWB AS:P-5207:A	1
29	051-9045-03	HARNESS:S2:PULSE	1
30	105-2336-09	COVER:WH HANGER:	1
31	064-2296-43	SHAFT AS:WH:1	1
32	064-3229-38	SHAFT AS:PH:	1
33	102-2898-03	SHAFT:WH:	1
34	063-1259-17	PIN: THREADED:	4
35	102-4892-09	LINK:WH:1	1



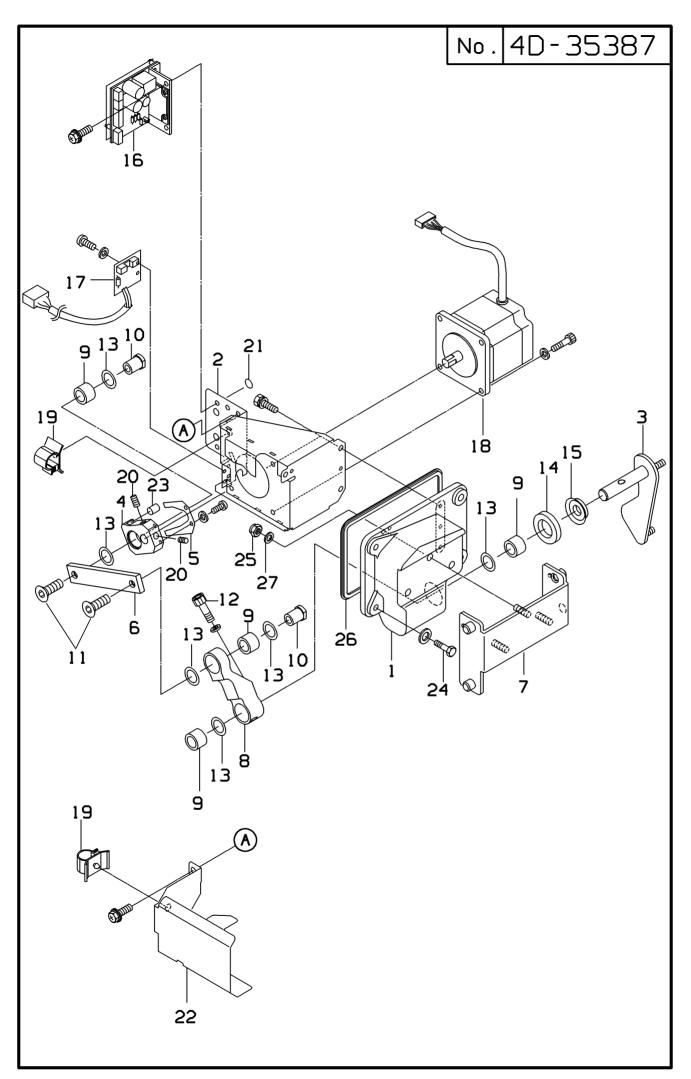
UNIT NAME DRIVE WEIGH UNIT: DRAW NO. 4D-34930	UNIT NAME	DRIVE WEIGH UNIT::	DRAW NO.	
---	-----------	--------------------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	128-8220-11	DRIVE WEIGH UNIT::	
36	105-2333-08	LINK:PH:1	1
37	066-6959-11	BLOCK B:PH:	1
38	105-2335-05	LINK:PH:2	1
39	102-3579-09	LINK:WH:3	1
40	066-6964-01	LINK:WH:2	1
41	066-6981-04	BRACKET: DDU:	1
42	066-6983-01	BRACKET: DUC:	1
43	068-4811-01	SCREW:STEP TYPE:	2
44	049-5859-02	PIN:STEP TYPE:	3
45	065-0677-30	WASHER: THRUST:	19
46	053-4175-01	FILTER AS:FERRITE:SLEEVE	1
47	125-7793-04	GASKET: COVER:	1
48	066-6982-08	COVER: PWB:	1
49	063-1256-34	HOUSING::	2
50	058-1981-01	PIN:STEP TYPE:	1
51	054-8563-13	COLLAR::	1
52	065-2432-04	SPRING: COIL: COMPRESSIVE	1
53	060-5047-17	SPRING: COIL: COMPRESSIVE	1
54	063-1270-28	PIN: THREADED:	1
55	063-1260-11	PIN: THREADED:	1
56	108-2081-11	CAM AS:WH:1	1
57	064-3200-03	SPRING: COIL: COMPRESSIVE	1
58	106-4006-04	STOPPER:PH:	1
59	005-1768-07	HEX BOLT::	2
60	055-3189-03	NH SAFETY SOCKET::	2
61	111-2402-01	V RING::	2
62	063-0425-06	HEX SOCKET FLAT BOLT::	7
63	066-6961-19	BRACKET:LIMIT:	1
64	066-6988-00	BRACKET:WDU:	1
65	003-8287-03	GASKET::SEAL WASHER	2
66	066-6989-21	SLIT:PH:	1
67	000-0453-04	C RING:FOR SHAFT:	1
68	064-7603-14	PWB AS:P-5207:A	1
69	061-4924-08	HARNESS:S2:PULSE	1
70	066-6976-05	BRACKET: MOTOR: PH	1



UNIT NAME DRIVE WEIGH UNIT:: DRAW NO. 4D-34938
--

NO.	PART CODE	PART NAME	QUANTITY
	128-8220-11	DRIVE WEIGH UNIT::	
71	061-4631-07	DAMPER::	1
72	097-8992-07	NAME PLATE::	1
73	063-1274-04	GASKET:WDU:	1
74	064-3231-09	SHEET: INSULATOR:	1
75	116-0151-06	PIN: THREADED:	2
76	109-1302-08	GASKET:PH:	1
77	100-3472-00	O RING::	6
78	063-0422-05	O RING::	2



UNIT NAME	DRIVE UNIT:BH:	DRAW NO.	4D-35387
-----------	----------------	----------	----------

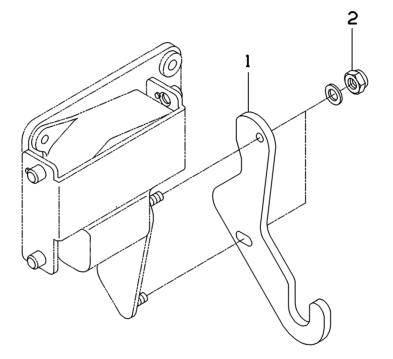
NO.	PART CODE	PART NAME	QUANTITY
	126-9158-03	DRIVE UNIT:BH:	
1	063-0424-85	BASE:BDU:	1
2	066-6995-06	BRACKET: MOTOR:	1
3	127-1079-01	SHAFT:BH:	1
4	066-6959-11	BLOCK B:PH:	1
5	066-6994-11	SLIT:BDU:	1
6	066-6984-05	LINK:BH:1	1
7	066-6993-18	BRACKET: BH:	1
8	066-6954-03	LINK:BH:2	1
9	050-2328-04	BEARING::	4
10	063-1259-17	PIN: THREADED:	2
11	046-7260-08	HEX SOCKET FLAT BOLT::	2
12	055-3189-03	NH SAFETY SOCKET::	1
13	065-0677-30	WASHER: THRUST:	6
14	020-7536-03	OIL SEAL::	1
15	111-2402-01	V RING::	1
16	116-3479-08	PWB:P-5429:B-2	1
17	053-4192-04	PWB AS:P-5207:A	1
18	063-1265-01	MOTOR: STEPPING:	1
19	001-3035-09	ACCESSORY:CLAMP:CKS CLAMP	2
20	022-8300-00	SET SCREW: HEX SOCKET: CUP POINT	2
21	097-8992-07	NAME PLATE::	1
22	066-6990-08	COVER:BDU:	1
23	061-4631-07	DAMPER::	1
24	071-0881-06	HEX BOLT::	4
25	000-0491-06	HEX NUT:T2:W/NYLON LOCK	3
26	063-1136-03	GASKET:BDU:	1
27	003-8287-03	GASKET::SEAL WASHER	3

No. 4D-34257 3

UNIT NAME DRIVE WEIGH UNIT: LEVER: DRAW NO. 4D	-34257
--	--------

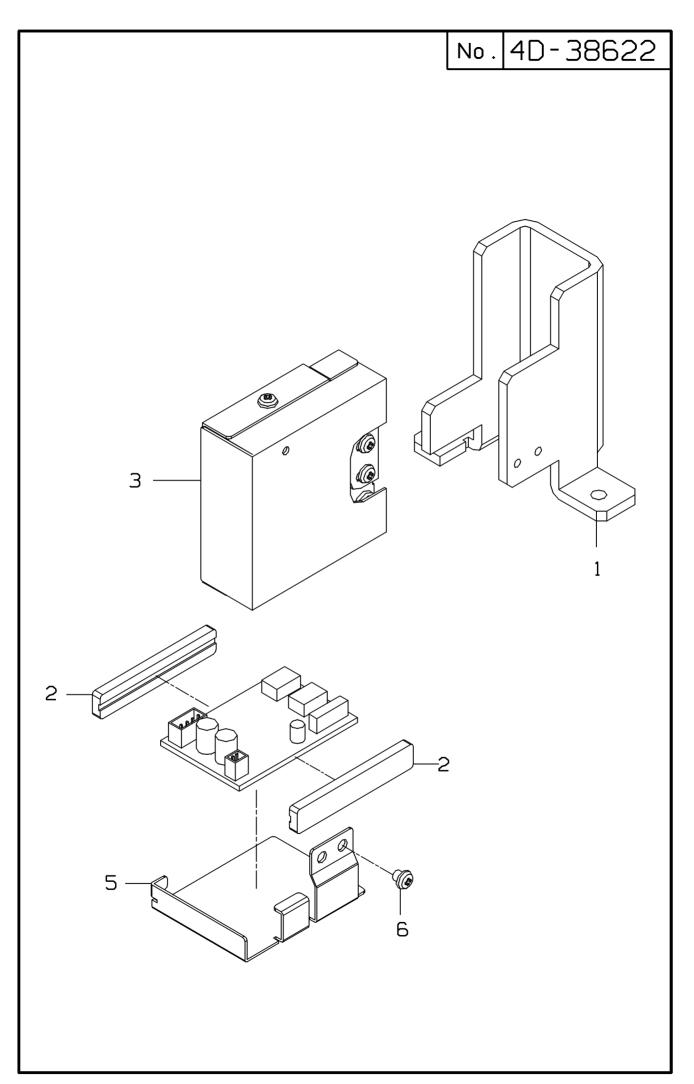
NO.	PART CODE	PART NAME	QUANTITY
	108-7470-32	DRIVE WEIGH UNIT:LEVER:	
1	111-4376-14	LEVER: PH:	1
2	111-4374-17	LEVER:WH:	1
3	000-0491-06	HEX NUT:T2:W/NYLON LOCK	4

No. 4D-38620



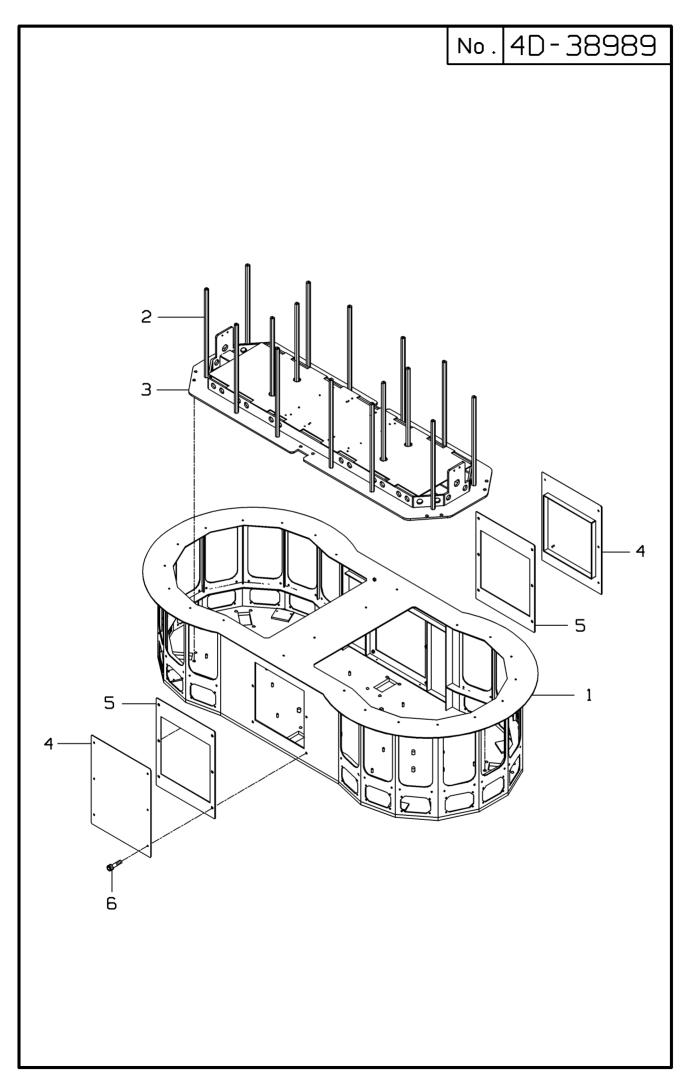
UNIT NAME DRIVE UNIT:BH:LEVER DRAW NO. 4D-3862
--

NO.	PART CODE	PART NAME	QUANTITY
	124-9073-15	DRIVE UNIT:BH:LEVER	
1	124-7983-17	LEVER: BH:	1
2	000-0491-06	HEX NUT:T2:W/NYLON LOCK	2



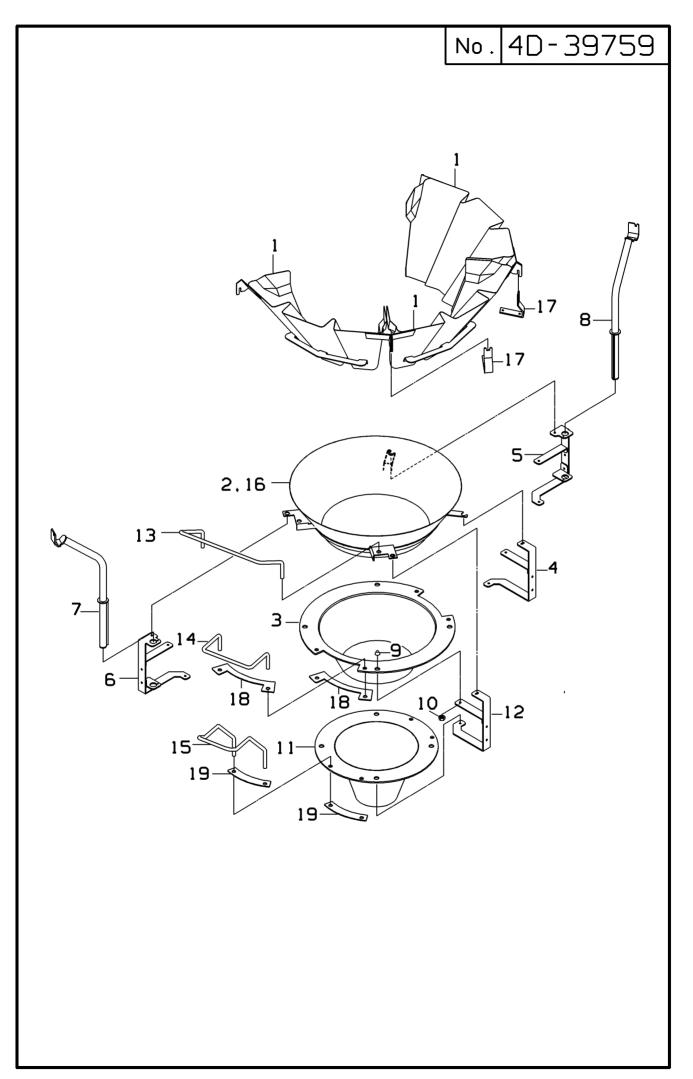
UNIT NAME	AFV UNIT::	DRAW NO.	4D-38622	
-----------	------------	----------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	124-9211-31	AFV UNIT::	
1	124-9212-16	BRACKET:AFV:	1
2	053-4020-07	GUIDE: PWB:	2
3	091-4700-17	HAS-0.5L::	1
4	061-4581-13	PWB:P-5488:A-1	1
5	122-8605-18	BRACKET: PREAMP: 1	1
6	050-4797-05	SCREW: CROSS PAN HEAD:	2



UNIT NAME FRAME UNIT: MAIN: DRAW NO. 4D-38989
---

NO.	PART CODE	PART NAME	QUANTITY
	130-7358-00	FRAME UNIT:MAIN:	
1	130-7356-02	CASE:MAIN:	1
2	101-0271-04	THREADED ROD:HEX:FF	16
3	130-7357-06	FRAME: CASE:	1
4	124-7704-14	COVER:CASE:MAIN	2
5	124-7732-00	GASKET: COVER:	2
6	126-9154-09	HEX SOCKET BOLT::	12



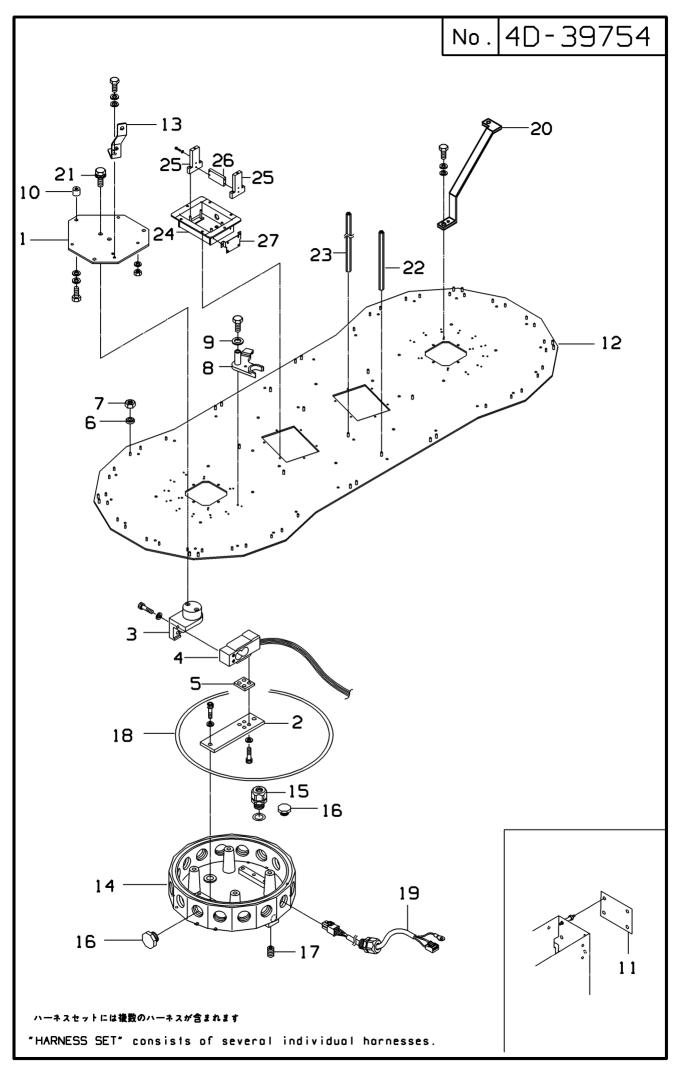
UNIT NAME	CHUTE UNIT: DISCHARGE:	DRAW NO.	4D-39759
-----------	------------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	130-7491-11	CHUTE UNIT: DISCHARGE:	
1	130-4498-07	CHUTE: COLLECTION: U	6
2	130-9084-07	CHUTE:DISCHARGE:M	1
3	130-7389-05	CHUTE: DISCHARGE:	2
4	130-7387-17	BRACKET: CHUTE:	2
5	130-7384-16	BRACKET: CHUTE:	2
6	130-7385-10	BRACKET: CHUTE:	2
7	130-7778-01	BRACKET: CHUTE:	2
8	130-7779-04	BRACKET: CHUTE:	2
9	130-9116-02	BOSS::	24
10	000-0450-03	HEX NUT:T2:W/NYLON LOCK	24
11	130-7390-00	CHUTE:DISCHARGE:	2
12	130-7388-11	BRACKET: CHUTE:	2
13	130-9114-05	THREADED ROD:ROUND:MM	2
14	130-7415-18	THREADED ROD:ROUND:MM	2
15	130-9115-18	THREADED ROD:ROUND:MM	2
16	130-9085-01	CHUTE:DISCHARGE:M	1
17	130-4499-01	BRACKET: CHUTE:	4
18	130-9117-06	PLATE B::	4
19	130-9118-00	PLATE B::	4

4D-40260 No . (N 27 (15)(22)(5) (D) × CILIXE , (m) $\bigcirc$ (N (9)

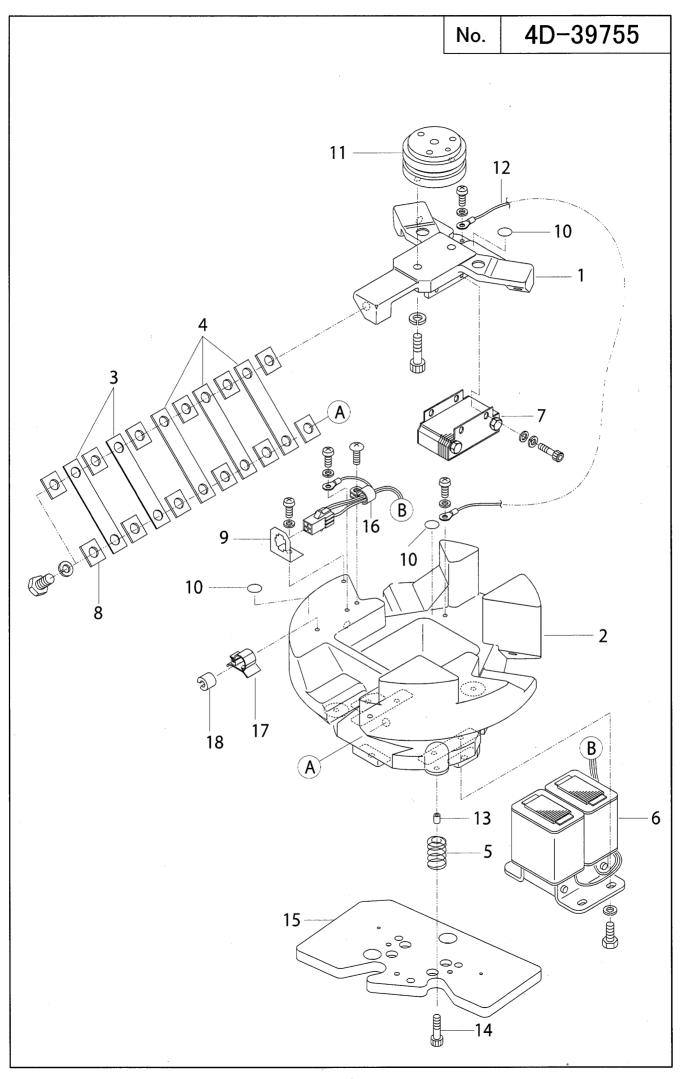
UNIT NAME ELECTRICAL UNIT: MAIN:	DRAW NO.	4D-40260
----------------------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	130-9045-11	ELECTRICAL UNIT: MAIN:	
1	102-2678-47	PWB:P-5578:-1	4
2	055-7114-09	NAME PLATE::	2
3	124-7504-07	PWB:P-5532:A-1	2
4	116-5306-04	PWB:P-5535:B-1	2
5	046-3057-03	PWB:P-5436:-1	2
6	117-5355-13	GUIDE: FDRV:	2
7	117-5353-25	CHASSIS:MAIN:1	2
8	117-5354-01	CHASSIS:MAIN:2	1
9	051-9489-03	ACCESSORY:CLAMP:SHIELD	2
10	126-1295-01	HARNESS SET:C4:MT PS	1
11	047-9061-08	FILTER: FERRITE CORE:	6
12	006-6592-04	PWB ACCESSORY:GUIDE RAIL:	4
13	000-1796-05	PWB ACCESSORY: CARD SPACER:	24
14	097-8992-07	NAME PLATE::	2
15	047-9063-05	FILTER: FERRITE CORE:	2
16	127-3163-08	HARNESS:C9:DUC COMMUNICATION	1
17	127-3164-01	HARNESS:C9:DUC COMMUNICATION	1
18	130-9043-04	HARNESS:C3:DUC COMMUNICATION	1
19	130-9041-07	HARNESS:C5:POWER SUPPLY	1
20	130-9044-08	HARNESS:C3:DUC COMMUNICATION	1
21	127-3173-05	HARNESS:C5:POWER SUPPLY	1
22	064-9141-09	TERMINAL: BLOCK:	4
23	131-8595-07	HARNESS:C2:DUC COMMUNICATION	1
24	131-8596-01	HARNESS:C2:DUC COMMUNICATION	1
25	061-9322-04	CABLE:SINGLE WIRE:VINYL	0.6
26	018-5781-01	TERMINAL: ROUND:	4



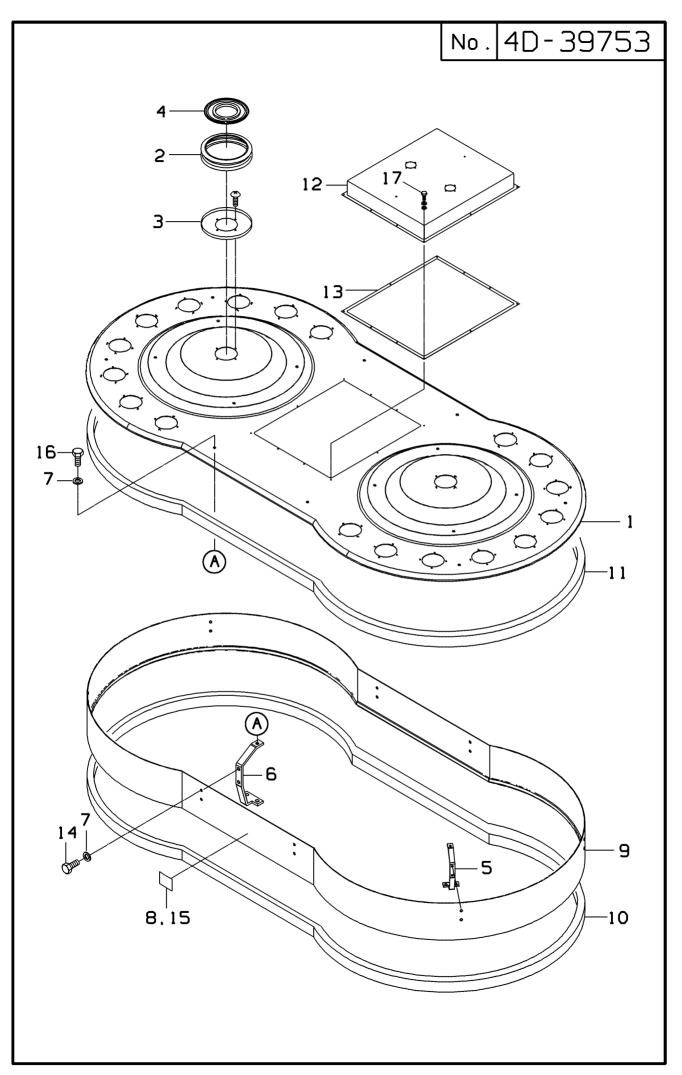
UNIT NAME	BASE UNIT: FEED:	DRAW NO.	4D-39754
-----------	------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	130-0443-08	BASE UNIT: FEED:	
1	065-4136-09	TABLE:PF:	4
2	059-3237-08	BASE:LC:DLC-80L	4
3	040-9077-06	BRACKET:LC:	4
4	002-9836-13	LC:DLC-80L:	4
5	039-7252-10	BASE:LC:DLC-80L	4
6	069-2989-01	COLLAR::	36
7	000-0491-06	HEX NUT: T2: W/NYLON LOCK	36
8	069-2988-07	STOPPER: FEEDER: R	18
9	066-4958-01	PLAIN WASHER::	18
10	046-6213-09	THREADED ROD:ROUND:AF	12
11	049-8415-03	PWB:P-5435:A-1	4
12	130-0444-01	BASE: DISPERSION:	1
13	065-5676-07	BRACKET::	4
14	068-8071-07	BASE:PF:	2
15	014-0164-06	ACCESSORY:BUSH:SC LOCK	4
16	011-2296-00	JOINT: PLUG:	12
17	004-6381-01	JOINT: PLUG: HEX SOCKET	4
18	000-2192-00	TUBE::	2
19	130-7941-01	HARNESS SET:C3:FD EXTENSION	1
20	065-4134-11	BRACKET: COVER:	8
21	048-3954-09	HEX BOLT:BOLT&WASHER AS S2P3:	8
22	124-7733-03	THREADED ROD:HEX:FF	2
23	130-4491-01	THREADED ROD:HEX:FF	2
24	130-4489-03	BASE:PF:	2
25	130-7781-02	SPACER:LC BASE:	4
26	047-2372-01	SPACER:LC BASE:	2
27	130-7780-09	CHASSIS: DVC:	2



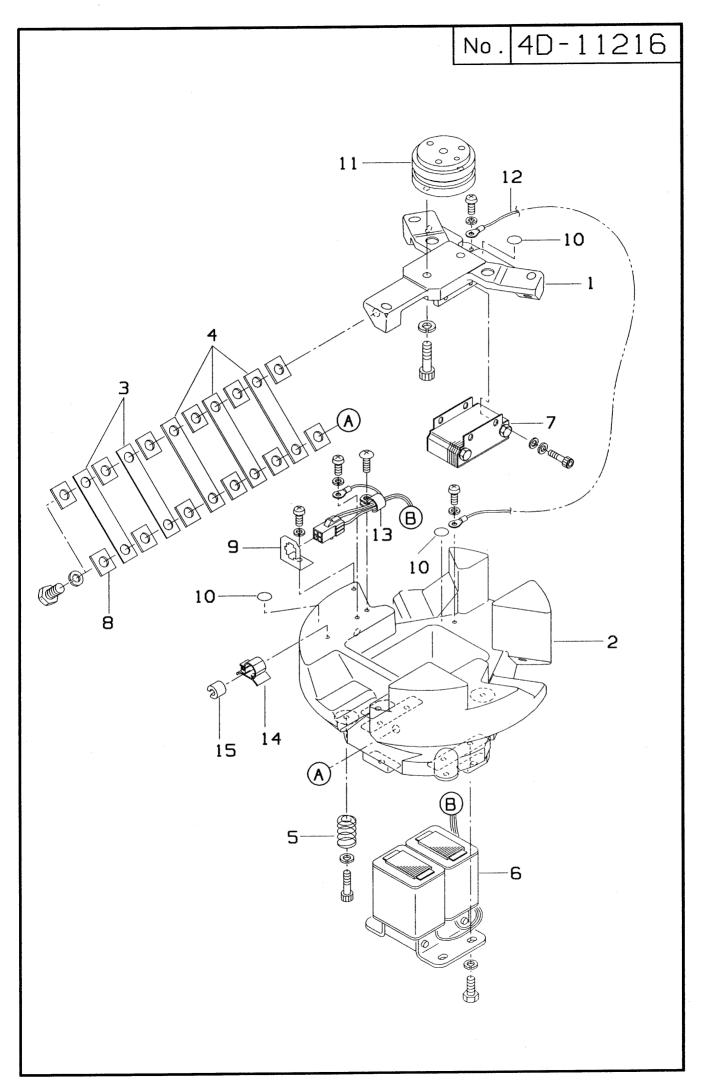
UNIT NAME	FEEDER UNIT: FEED:	DRAW NO.	4D-39755	
-----------	--------------------	----------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	130-4492-05	FEEDER UNIT:FEED:	
1	054-6554-21	MAIN BODY: FEEDER: UPPER	1
2	054-6558-26	BASE: PF: LOWER	1
3	000-8965-03	SPRING: PLATE:	3
4	071-8979-15	SPRING: PLATE:	15
5	040-4376-01	SPRING: COIL: COMPRESSIVE	3
6	055-6929-31	MAGNET COIL::	1
7	051-9242-29	CORE AS:TYPE I:	1
8	056-3673-07	PLATE A:SQ:	42
9	042-1933-00	BRACKET: CONNECTOR:	1
10	097-8992-07	NAME PLATE::	3
11	043-8576-06	SHAFT:DF:	1
12	061-3997-15	HARNESS:S2:FD EARTH	1
13	102-2726-06	COLLAR::	3
14	002-0635-00	HEX SOCKET BOLT::	3
15	130-4493-09	BASE::	1
16	000-4756-07	ACCESSORY:CLAMP:NYLON CLAMP	1
17	000-2179-01	ACCESSORY:CLAMP:CKN CLAMP	1
18	017-0001-04	TAPE:SPONGE:ONE SIDE	1



UNIT NAME	COVER UNIT: FEEDER:	DRAW NO.	4D-39753	
-----------	---------------------	----------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	130-0445-05	COVER UNIT: FEEDER:	
1	130-0446-09	COVER: FEEDER:	1
2	057-5048-12	COVER: SHAFT: OUTSIDE	22
3	057-5050-01	HOLDER: LOWER:	22
4	057-6110-05	HOLDER: UPPER:	4
5	065-4131-01	FRAME: COVER:	4
6	126-9157-00	FRAME: COVER:	4
7	003-8288-07	GASKET::SEAL WASHER	36
8	002-7817-06	NAME PLATE:NO.:	1
9	130-0422-00	COVER: FEEDER: UNDER	1
10	095-6197-01	GASKET: FEEDER COVER: LOWER	1
11	095-6198-04	GASKET: FEEDER COVER: UPPER	1
12	130-4484-05	COVER: FEEDER:	1
13	130-4490-08	GASKET:COVER:	1
14	007-1051-05	HEX BOLT::	16
15	003-4646-02	NAME PLATE:NO.:	1
16	007-1055-00	HEX BOLT::	20
17	003-8286-00	GASKET::SEAL WASHER	10



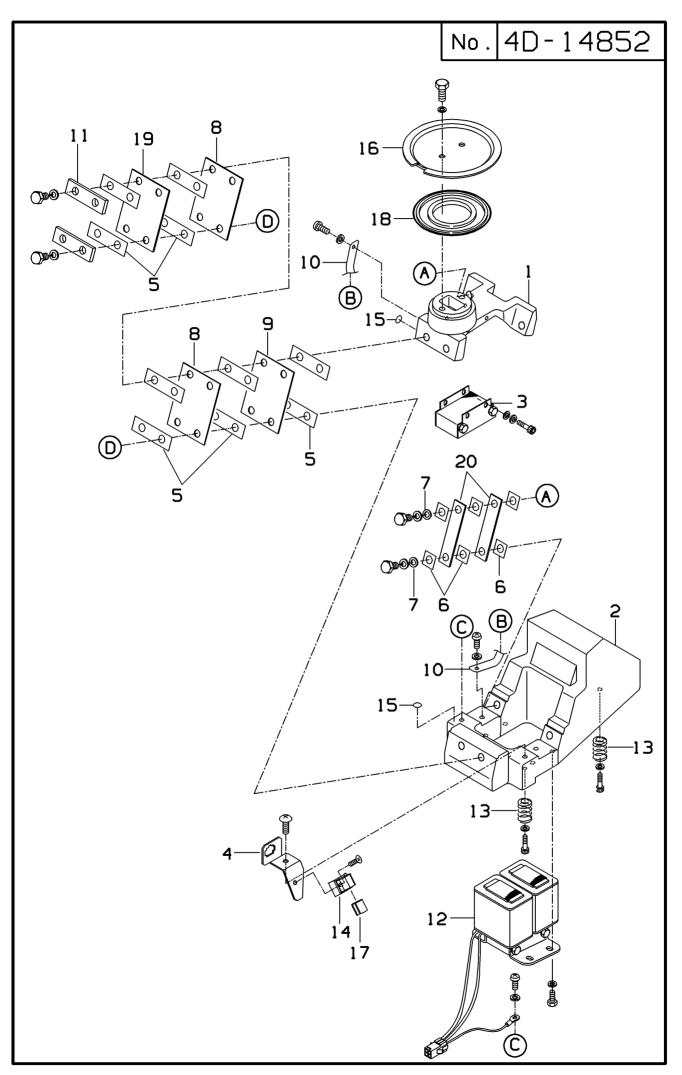
UNIT NAME FEEDER UNIT:DISPERSION: DRAW NO. 4D-11216
---

NO.	PART CODE	PART NAME	QUANTITY
	070-3829-23	FEEDER UNIT:DISPERSION:	
1	054-6554-21	MAIN BODY: FEEDER: UPPER	1
2	054-6558-26	BASE: PF: LOWER	1
3	000-8965-03	SPRING: PLATE:	9
4	071-8979-15	SPRING: PLATE:	9
5	040-4376-01	SPRING: COIL: COMPRESSIVE	3
6	055-6929-31	MAGNET COIL::	1
7	051-9242-29	CORE AS:TYPE I:	1
8	056-3673-07	PLATE A:SQ:	42
9	042-1933-00	BRACKET: CONNECTOR:	1
10	097-8992-07	NAME PLATE::	3
11	040-8407-08	SHAFT:DF:	1
12	061-3997-15	HARNESS:S2:FD EARTH	1
13	000-4756-07	ACCESSORY:CLAMP:NYLON CLAMP	1
14	000-2179-01	ACCESSORY:CLAMP:CKN CLAMP	1
15	017-0001-04	TAPE:SPONGE:ONE SIDE	1

	No. 4D-80010
NOW PRINTIN	IG

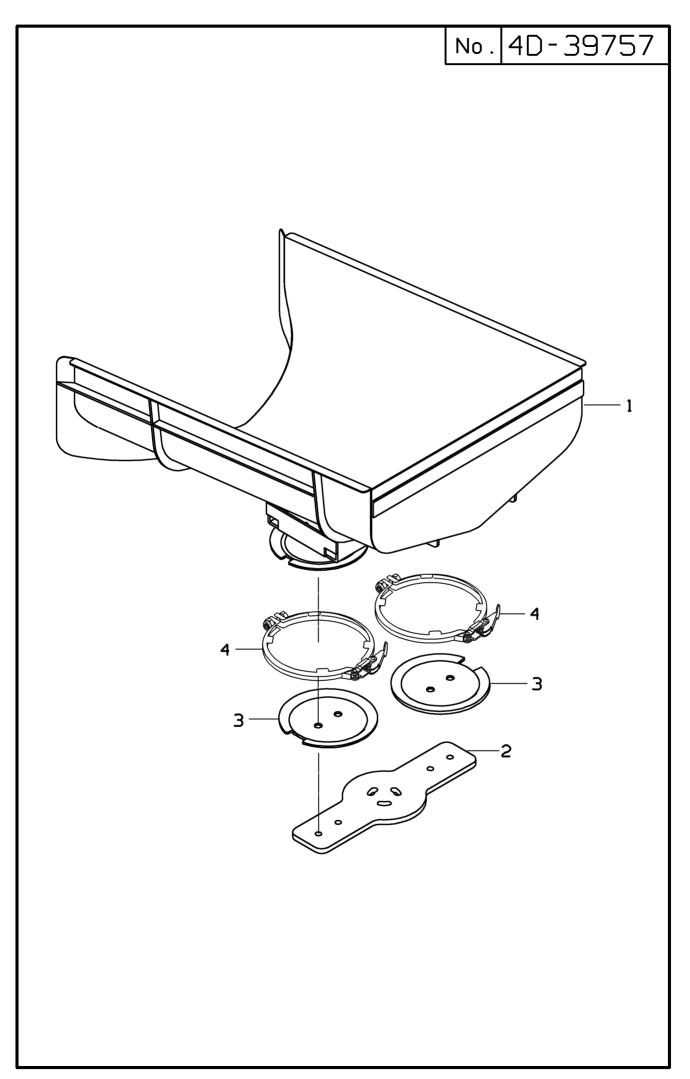
UNIT NAME TABLE UNIT: DISPERSION: DRAW NO. 4D-80010
---

NO.	PART CODE	PART NAME	QUANTITY
	132-1511-15	TABLE UNIT:DISPERSION:	
1	131-7941-09	TABLE: DISPERSION:	1
2	131-0501-08	BASE: TABLE:	1
3	048-5226-08	THREADED ROD:HEX:MM	1
4	013-3695-01	NUT: KNOB:	1
5	041-0688-15	SHEET: TABLE:	1



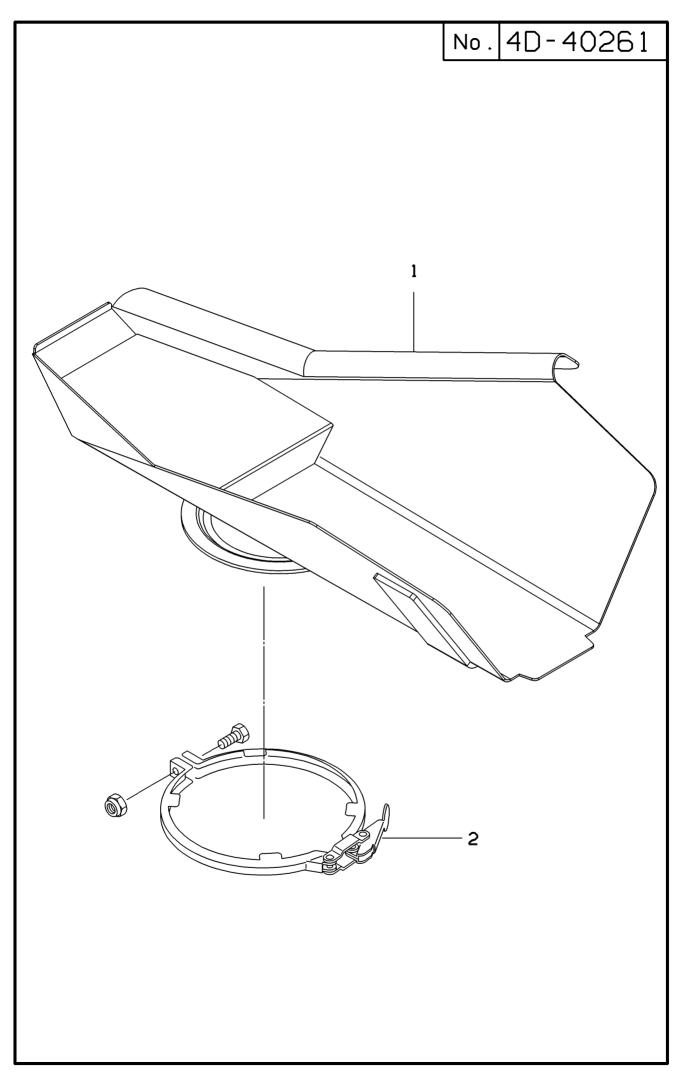
UNIT NAME FEEDER UNIT:RADIAI	: DRAW NO.	4D-14852
------------------------------	------------	----------

NO.	PART CODE	PART NAME	QUANTITY
	063-1251-81	FEEDER UNIT: RADIAL:	
1	065-0785-01	MAIN BODY:FEEDER:UPPER	1
2	063-9665-42	MAIN BODY: FEEDER: LOWER	1
3	075-9935-23	CORE AS:TYPE I:	1
4	066-6996-00	BRACKET: CONNECTOR:	1
5	045-5562-08	PLATE A:SQ:	10
6	045-5561-04	PLATE A:SQ:	12
7	013-6653-05	PLAIN WASHER:B:	4
8	071-8971-16	SPRING: PLATE:	2
9	071-8970-12	SPRING: PLATE:	1
10	067-1900-01	PLATE A::	1
11	034-7396-16	PLATE A:SQ:	2
12	063-2022-33	MAGNET COIL::	1
13	065-6189-03	SPRING:COIL:COMPRESSIVE	3
14	000-2179-01	ACCESSORY:CLAMP:CKN CLAMP	1
15	097-8992-07	NAME PLATE::	3
16	041-2400-08	JOINT: FEEDER:	1
17	017-0001-04	TAPE:SPONGE:ONE SIDE	1
18	057-6110-05	HOLDER: UPPER:	1
19	071-8972-10	SPRING: PLATE:	1
20	071-8977-18	SPRING: PLATE:	4



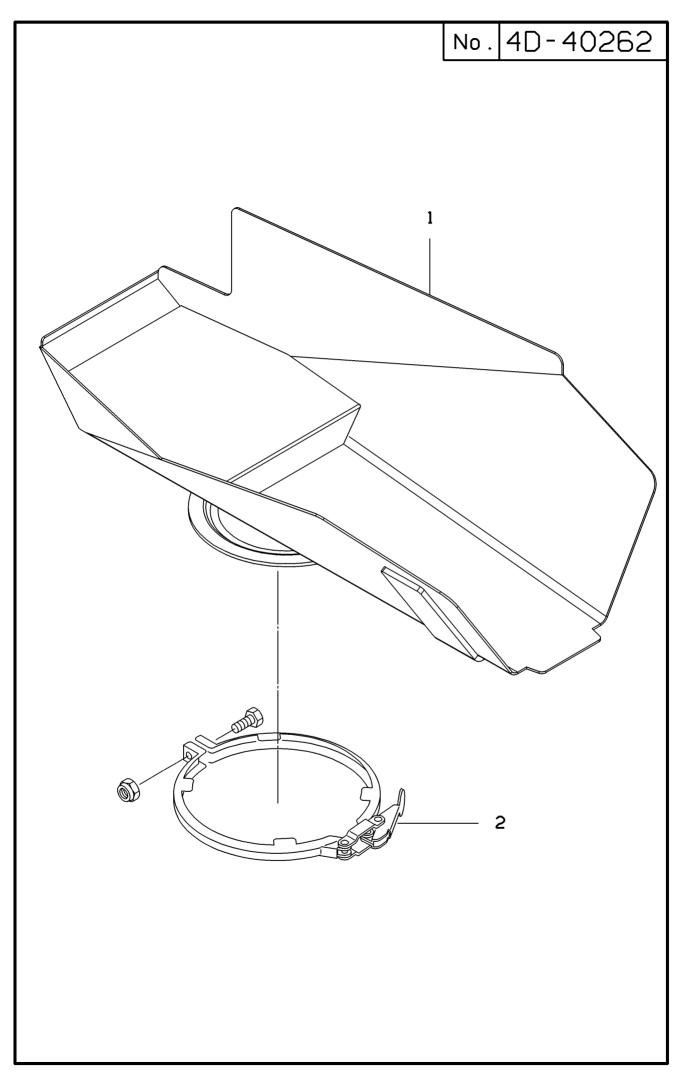
UNIT NAME TROUGH UNIT:DISPERSION: DRAW NO. 4D-39757
---

NO.	PART CODE	PART NAME	QUANTITY
	130-0447-02	TROUGH UNIT: DISPERSION:	
1	130-0449-00	TROUGH: DISPERSION:	2
2	130-7794-01	BASE: TROUGH:	2
3	058-6500-01	JOINT: FEEDER:	4
4	041-2401-20	BAND AS:TROUGH:	4



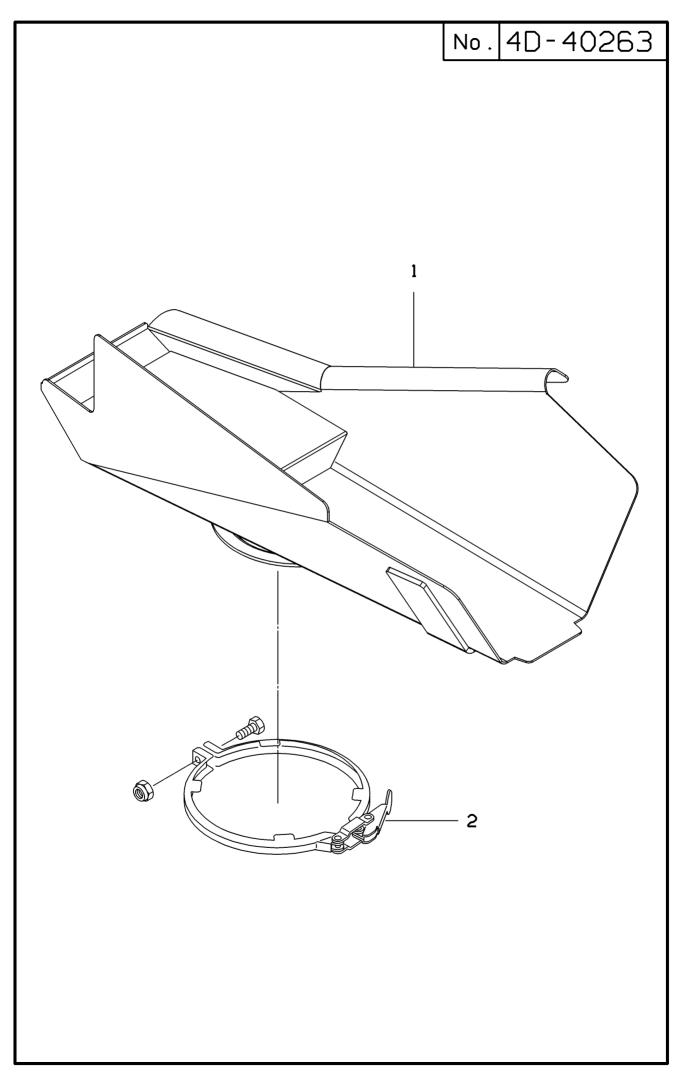
E TROUGH UNIT: RADIAL: DRAW NO. 4D-40261
--

NO.	PART CODE	PART NAME	QUANTITY
	131-9799-03	TROUGH UNIT: RADIAL:	
1	131-9801-08	TROUGH: RADIAL: 14	1
2	041-2401-20	BAND AS:TROUGH:	1



UNIT NAME TROUGH UNIT: RADIAL: SIDE R DRAW NO. 4D-40262
---

NO.	PART CODE	PART NAME	QUANTITY
	131-9804-09	TROUGH UNIT: RADIAL: SIDE R	
1	131-9805-02	TROUGH: RADIAL: 14	1
2	041-2401-20	BAND AS:TROUGH:	1



UNIT NAME	TROUGH UNIT: RADIAL: SIDE L	DRAW NO.	4D-40263
-----------	-----------------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	131-9806-06	TROUGH UNIT: RADIAL: SIDE L	
1	131-9807-00	TROUGH: RADIAL: 14	1
2	041-2401-20	BAND AS:TROUGH:	1
	-		
	-		
	1		

	No. 4D-80010
NOW PRINTIN	IG

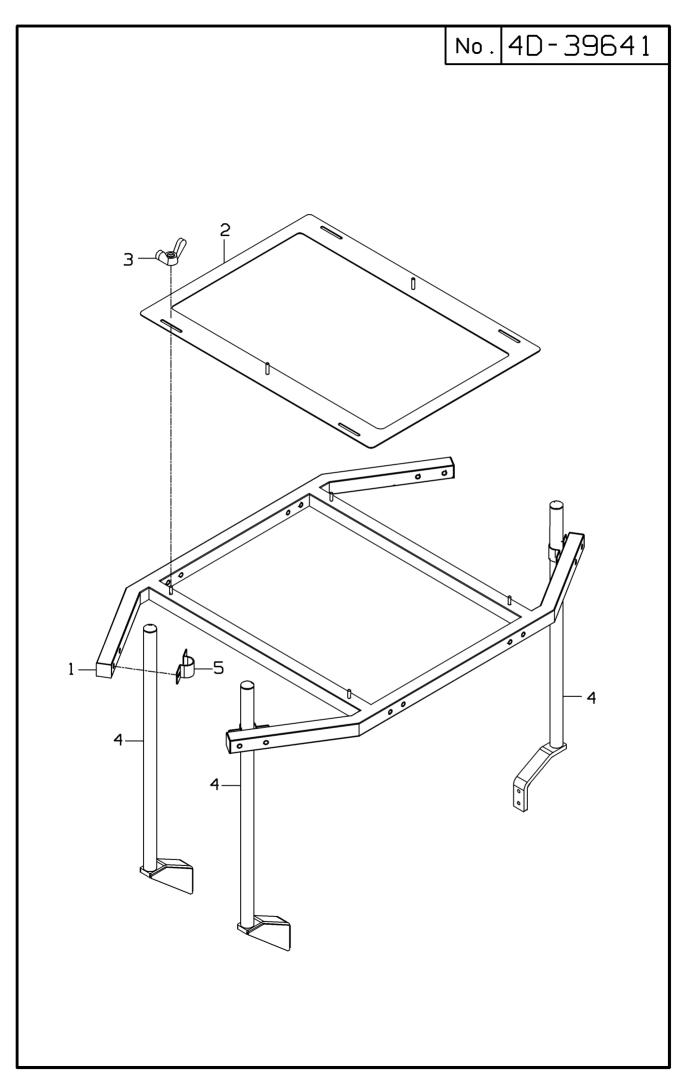
UNIT NAME	INFEED UNIT:DIVERTING:	DRAW NO.	4D-80010
-----------	------------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	130-7776-12	INFEED UNIT:DIVERTING:	
1	126-9282-02	FRAME: REJECTOR: F	1
2	126-9281-09	COVER: REJECTOR: R	1
3	132-1501-09	GUIDE: DIVERTING:	1
4	011-5364-01	LEVER::	4
5	011-5366-08	LEVER: UPPER:	2
6	011-5367-01	LEVER: SWING:	4
7	011-5368-05	LINK::	4
8	011-5369-09	SHAFT::	2
9	011-5370-03	THREADED ROD:ROUND:FF	4
10	066-1448-07	JOINT:WALL SPACE UNION:	1
11	011-5371-07	THREADED ROD:ROUND:FF	2
12	011-5372-10	GATE::	2
13	011-5361-19	STEP SCREW::	2
14	007-2469-01	LONG THREAD BOLT::	2
15	000-3707-01	ROD END:TYPE I:F	6
16	010-1621-06	COLLAR::	8
17	006-9844-03	BUSH::	6
18	007-0025-04	BUSH::	6
19	008-3650-01	COLLAR A::	6
20	002-2278-01	HEX NUT:T2:W/NYLON LOCK	10
21	000-0450-03	HEX NUT:T2:W/NYLON LOCK	4
22	024-2997-08	AIR CYLINDER::	2
23	126-9280-14	COVER: REJECTOR:	1
24	065-4997-09	BOX:DIVERTING:	1
25	042-2941-03	COVER:DIVERTING BOX:	1
26	042-2942-07	GASKET:DIVERTING:	1
27	011-6025-01	JOINT:HOSE ELBOW:	4
28	011-5900-07	THREADED ROD:HEX:AF	4
29	004-5670-03	JOINT:GASKET:	4
30	004-9986-04	SPEED CONTROL:ONE TOUCH:ELBOW	4
31	110-2716-03	SOLENOID VALVE::MANIFOLD	1
32	010-0397-08	JOINT:HOSE NIPPLE:	4
33	067-3404-08	JOINT: ELBOW UNION:	6
34	004-8259-06	SILENCER::	1
35	004-6379-02	JOINT:PLUG:HEX SOCKET	2

	No. 4D-80010
NOW PRINTIN	IG

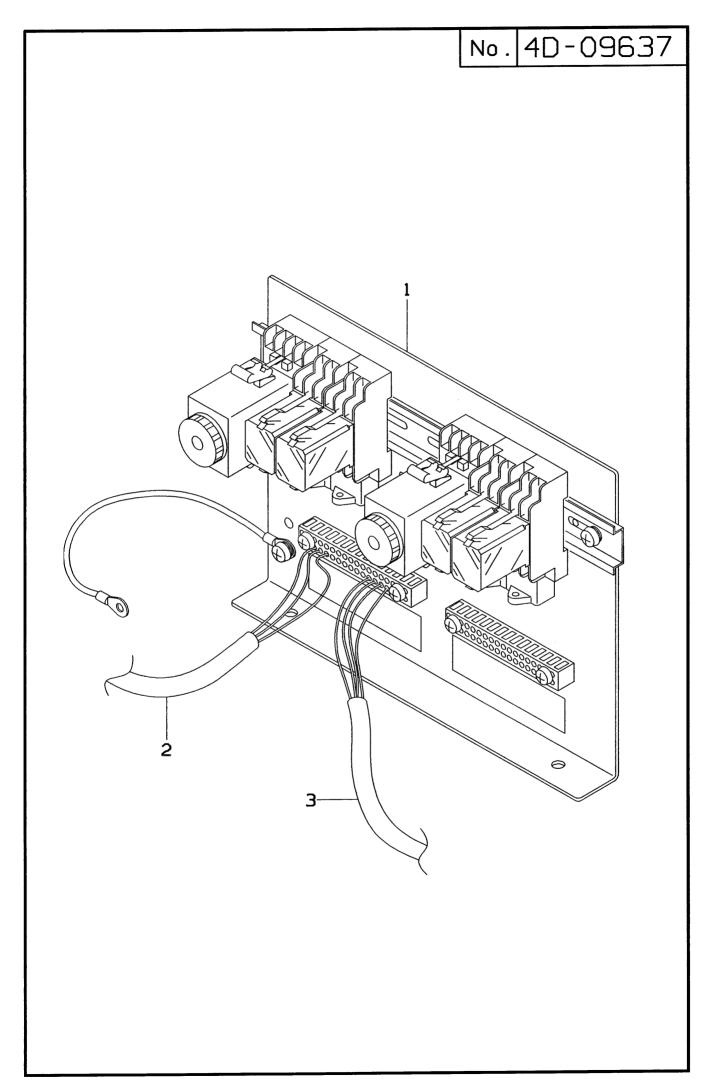
UNIT NAME INFEED UNIT:DIVERTING: DRAW NO. 4D-80010
--

NO.	PART CODE	PART NAME	QUANTITY
	130-7776-12	INFEED UNIT:DIVERTING:	
36	011-6048-07	TERMINAL: BLOCK:	1
37	059-9080-02	DIODE::	2
38	013-9262-03	NAME PLATE: DIVERTING:	1
39	013-0229-07	TUBE:U FLEXIBLE:	15
40	124-9075-03	TUBE AS::	1
41	002-0326-09	SWITCH: TOGGLE:	1
42	005-6517-07	NAME PLATE: OPERATION:	1
43	005-6518-01	NAME PLATE: OPERATION:	1
44	004-1405-08	CAM FOLLOWER: CYLINDRICAL:	4
45	061-9322-04	CABLE:SINGLE WIRE:VINYL	6.5
46	018-5781-01	TERMINAL: ROUND:	4
47	051-9315-09	CABLE: CABTYRE: VINYL	7.5
48	037-2717-02	ACCESSORY:CLAMP:RACK	3
49	067-3411-04	JOINT:WALL SPACE UNION:	1
50	097-8992-07	NAME PLATE::	3
51	048-3123-01	FILTER: FERRITE CORE:	1
52	010-9658-02	ACCESSORY:BUSH:SC LOCK	2
53	040-9043-00	CAP:SUPER LOCK:	2
54	126-9283-06	BRACKET: BOX:	1
55	009-1430-08	PIN::	4



UNIT NAME FRAME UNIT:INLET:REJECTOR DRAW NO. 4D-39641
---

NO.	PART CODE	PART NAME	QUANTITY
	130-7773-02	FRAME UNIT: INLET: REJECTOR	
1	127-1077-03	FRAME: REJECTOR:	1
2	130-7774-06	BASE:REJECTOR:	1
3	000-0365-00	WING NUT:T1:	6
4	130-4500-01	STAY:INLET CHUTE:	4
5	004-5929-16	BAND::	4



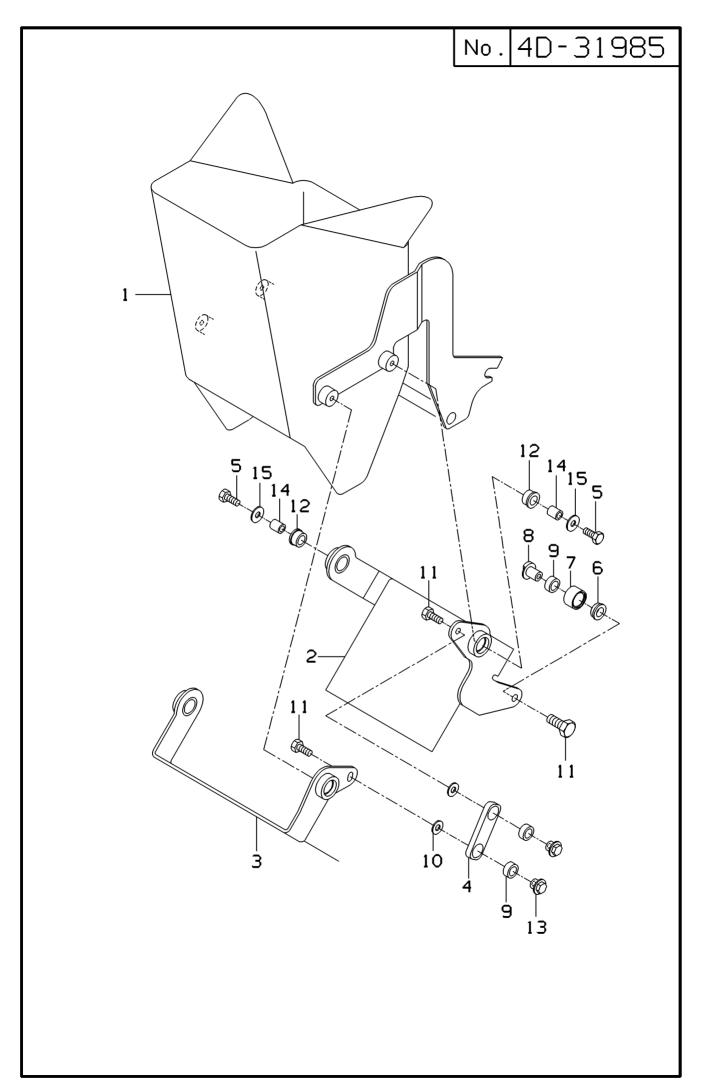
UNIT NAME ELECTRICAL UNIT: REJECTOR: DRAW NO. 4D-09637
--

NO.	PART CODE	PART NAME	QUANTITY
	109-0782-18	ELECTRICAL UNIT: REJECTOR:	
1	108-8829-20	PS UNIT AS:REJECTOR:	1
2	049-8481-00	CABLE: CABTYRE: VINYL	4
3	051-9315-09	CABLE: CABTYRE: VINYL	10

4D-38516 No . 13 A 10 12

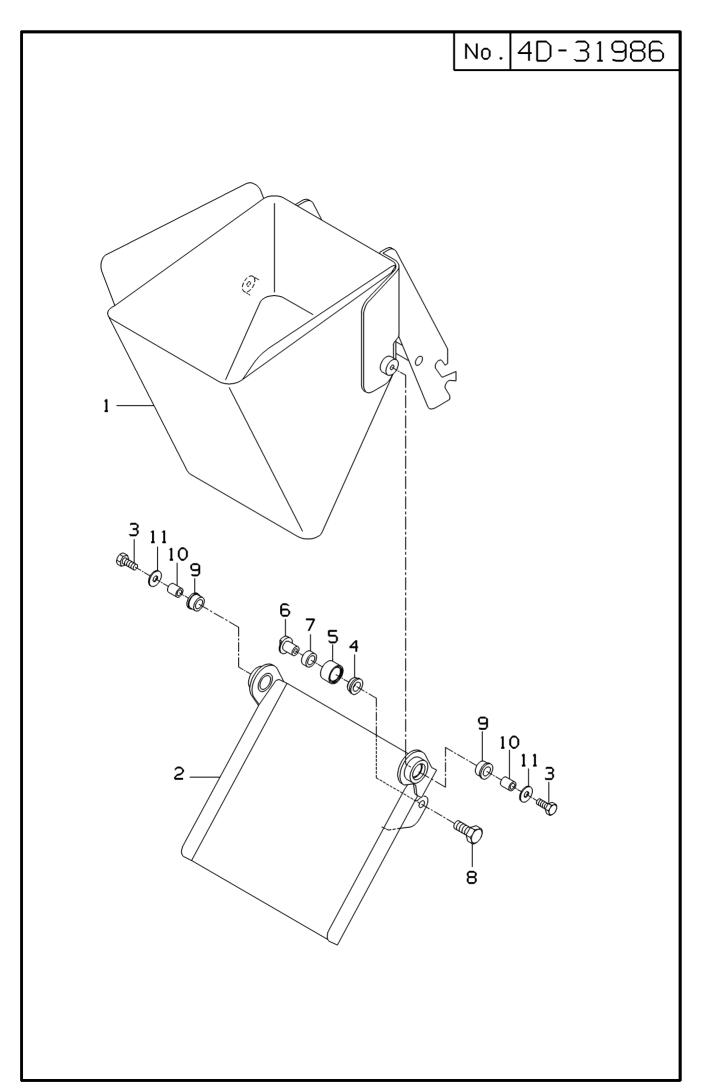
UNIT NAME PS UNIT AS:REJECTOR: DRAW NO. 4D-38516
--

NO.	PART CODE	PART NAME	QUANTITY
	108-8829-20	PS UNIT AS:REJECTOR:	
1	092-6077-23	L PLATE A:CHASSIS:	1
2	005-3243-06	TERMINAL: BLOCK:	2
3	095-0770-03	SOCKET: RELAY:	6
4	095-9679-00	RELAY::HJ2	4
5	017-6085-09	TIMER:S1DX:A2C	2
6	025-5878-06	RAIL:DIN:	1
7	002-2801-18	DIODE::	2
8	013-9261-19	NAME PLATE:DIVERTING:	1
9	097-8992-07	NAME PLATE::	1
10	061-1520-06	ACCESSORY: FASTENER: TERMINAL	2
11	108-8826-01	SOCKET:S1DX:FIXED SPRING	2
12	000-3133-03	FILTER:SPARK KILLER:VERT	2
13	000-2448-02	FILTER:NOISE:	1
		1	



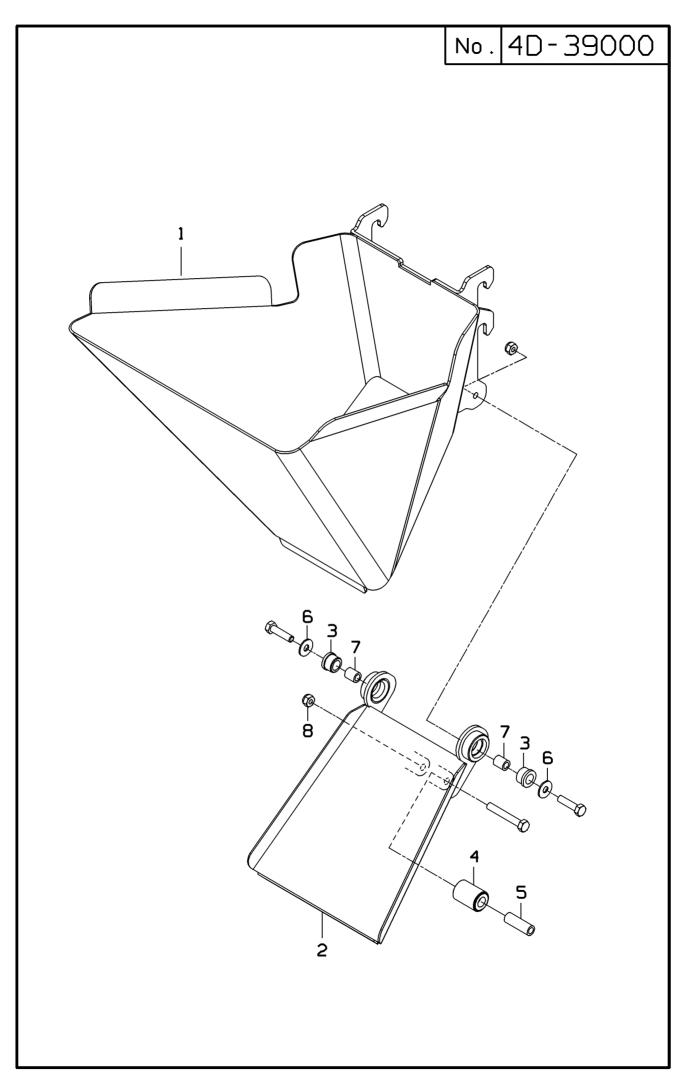
UNIT NAME HOPPER UNIT:PH: DRAW NO. 4D-31985
---

NO.	PART CODE	PART NAME	QUANTITY
	106-2391-57	HOPPER UNIT:PH:	
1	109-1103-03	HOPPER:PH:	1
2	109-1110-00	GATE:PH:1	1
3	105-2967-09	GATE:PH:2	1
4	105-2969-06	LINK::	1
5	068-4872-09	HEX BOLT::	4
6	003-7086-08	BUSH::	1
7	102-5169-11	COLLAR: STEP:	1
8	102-5171-10	SCREW: STEP:	1
9	105-1320-06	BUSH::	3
10	101-5038-01	WASHER::	2
11	007-1052-09	HEX BOLT::	3
12	002-5806-08	BUSH::	4
13	104-3256-01	PIN: THREADED:	2
14	010-6834-01	COLLAR::	4
15	104-7597-05	WASHER::	4



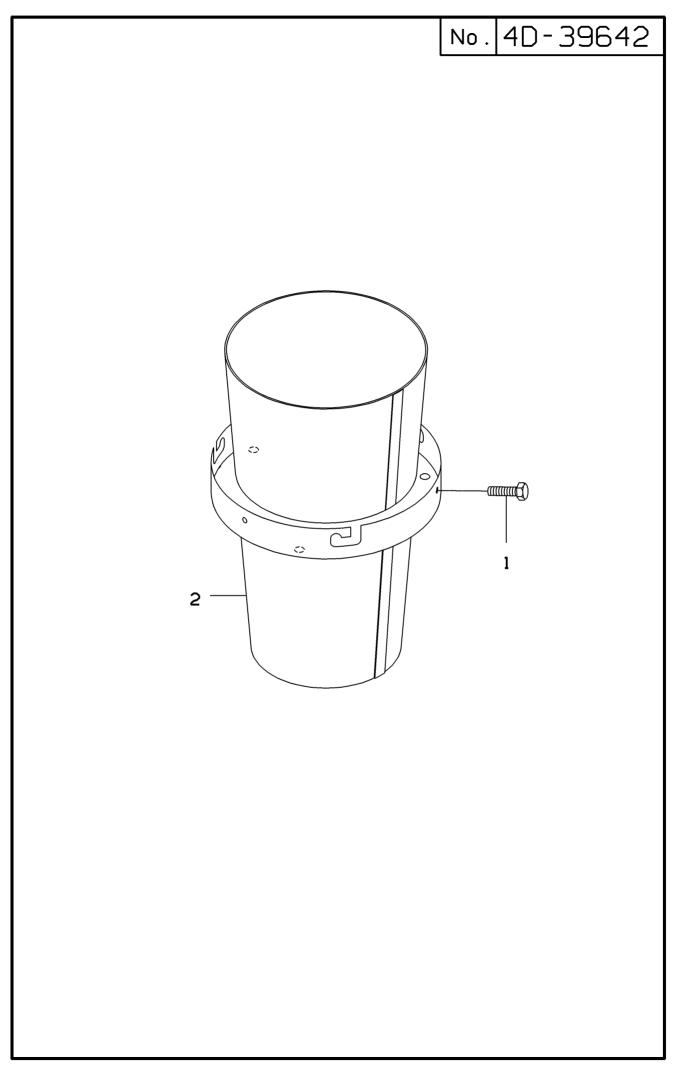
UNIT NAME HOPPER UNIT:WH: DRAW NO. 4D-31986
---

NO.	PART CODE	PART NAME	QUANTITY
	106-2404-51	HOPPER UNIT:WH:	
1	106-2403-11	HOPPER:WH:	1
2	105-2977-15	GATE:WH:	1
3	068-4872-09	HEX BOLT::	2
4	003-7086-08	BUSH::	1
5	102-5169-11	COLLAR: STEP:	1
6	102-5171-10	SCREW: STEP:	1
7	105-1320-06	BUSH::	1
8	007-1052-09	HEX BOLT::	1
9	002-5806-08	BUSH::	2
10	010-6834-01	COLLAR::	2
11	104-7597-05	WASHER::	2



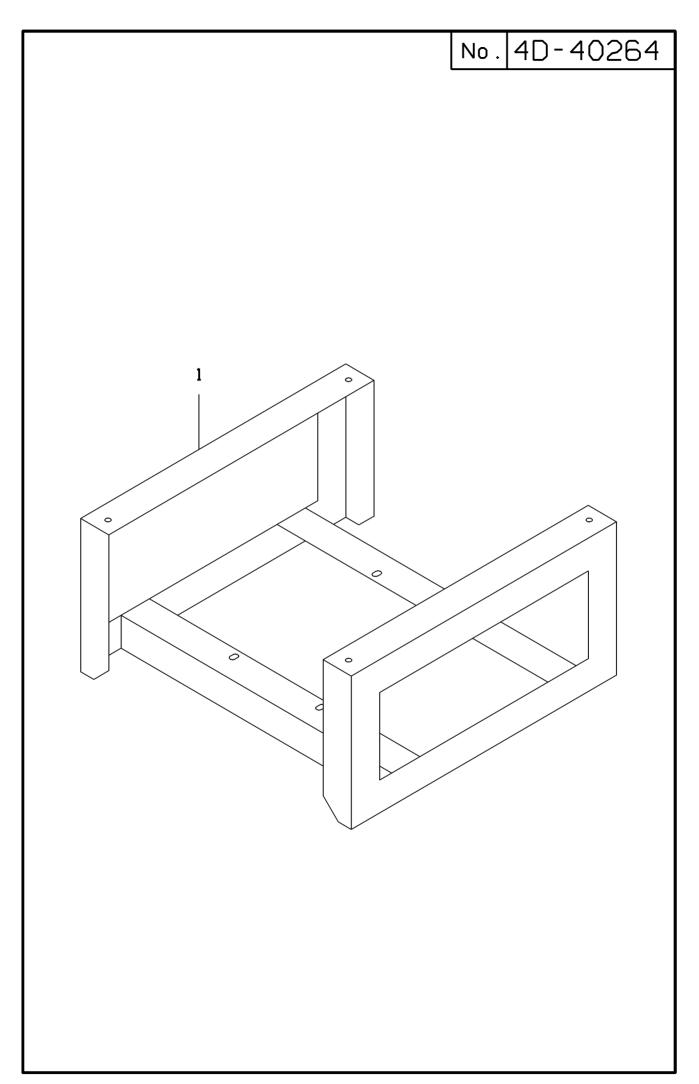
UNIT NAME HOPPER UNIT:BH: DRAW NO. 4D-39000
---

NO.	PART CODE	PART NAME	QUANTITY
	130-7782-06	HOPPER UNIT:BH:	
1	130-7784-03	HOPPER:BH:	1
2	130-7787-04	GATE:BH:	1
3	002-5806-08	BUSH::	2
4	091-2931-04	ROLLER AS::	1
5	065-9478-10	COLLAR::	1
6	104-7597-05	WASHER::	2
7	010-6834-01	COLLAR::	2
8	000-0491-06	HEX NUT:T2:W/NYLON LOCK	3



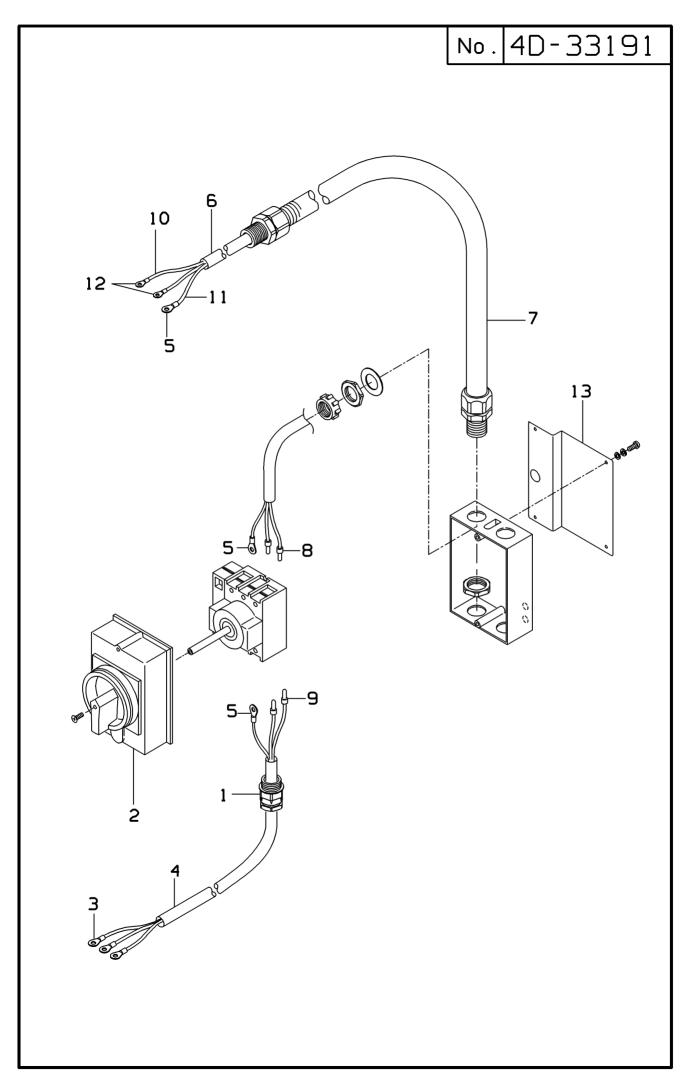
UNIT NAME	CHUTE UNIT:MD:	DRAW NO.	4D-39642	
-----------	----------------	----------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	130-8062-01	CHUTE UNIT:MD:	
1	068-8656-05	HEX BOLT::	3
2	097-7044-21	CHUTE:MD:S	1



UNIT NAME ACCESSORY:MD: DRAW NO. 4D-40264
---

NO.	PART CODE	PART NAME	QUANTITY
	132-1145-06	ACCESSORY:MD:	
1	132-0742-06	FRAME: ID-200:	1



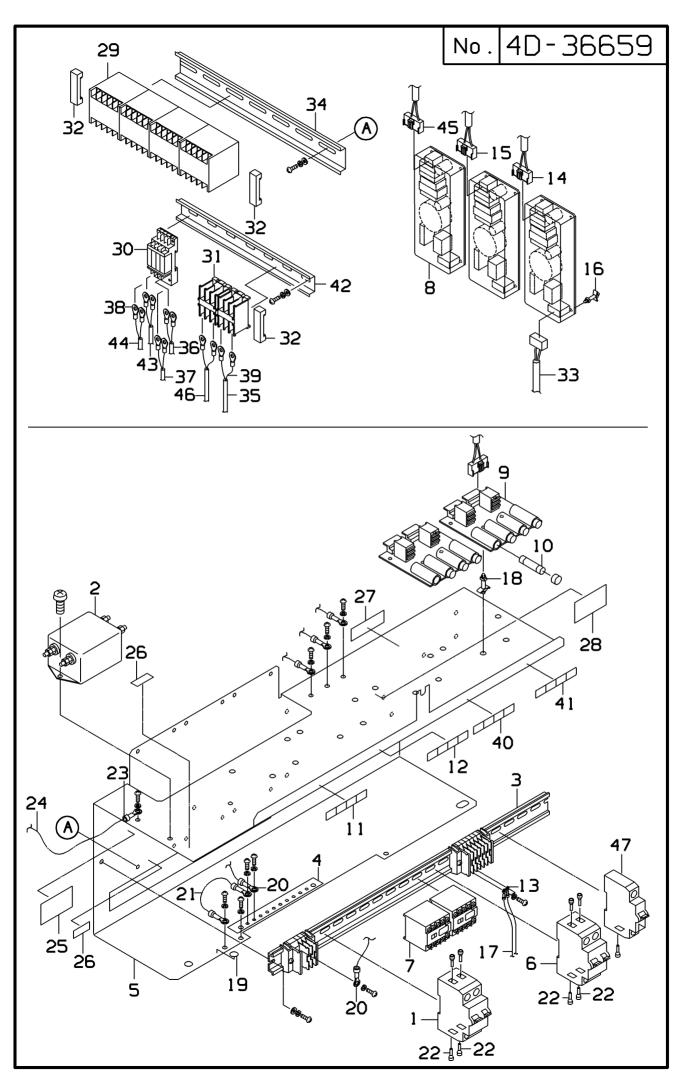
UNIT NAME SWITCH UNIT: EMERGENCY: DRAW NO. 4D-33	191
--	-----

NO.	PART CODE	PART NAME	QUANTITY
	107-0256-11	SWITCH UNIT: EMERGENCY:	
1	005-8156-03	ACCESSORY: BUSH: SKINTOP	1
2	072-5912-03	SWITCH: CAM:	1
3	018-4992-07	TERMINAL: ROUND: INSULATOR	3
4	075-8728-07	CABLE: CABTYRE: VINYL	5.5
5	018-5781-01	TERMINAL: ROUND:	6
6	018-8769-07	TUBE:VINYL:UL/CSA	1
7	107-0255-08	TUBE AS::	1
8	013-6889-07	TERMINAL:H:SLEEVE	2
9	053-0950-06	TERMINAL:H:SLEEVE	2
10	013-6856-04	CABLE:SINGLE WIRE:VINYL	13
11	061-9322-04	CABLE:SINGLE WIRE:VINYL	6.5
12	018-5780-08	TERMINAL: ROUND:	2
13	102-0578-13	CRANK PLATE A::	1

No. 4D-13927 9 8 6

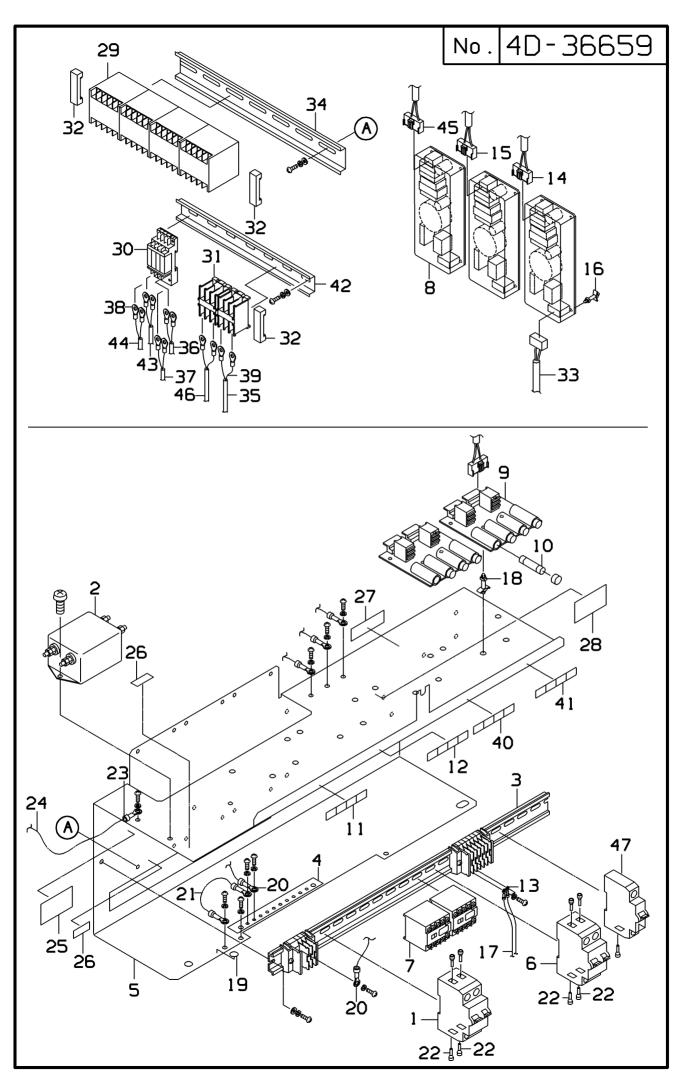
UNIT NAME RELAY UNIT:: DRAW	W NO. 4D-13927
-----------------------------	----------------

109-3097-01 RELAY UNIT::  1 132-2000-03 PWB:P-5426:B-1 1 2 063-3480-02 PWB:P-5506:-1 1 3 065-3347-04 NAME PLATE:: 1 4 035-2071-06 NAME PLATE:: 1 5 009-0471-07 NAME PLATE:: 1 6 064-9150-11 CHASSIS:RELAY: 1 7 000-1801-01 PWB ACCESSORY:CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY:CARD SPACER: 4 9 049-8371-03 CONNECTOR AS::COMMUNICATION 1	NO.	PART CODE	PART NAME	QUANTITY
2 063-3480-02 PWB:P-5506:-1 1 3 065-3347-04 NAME PLATE:: 1 4 035-2071-06 NAME PLATE:VOLT CAUTION: 1 5 009-0471-07 NAME PLATE:: 1 6 064-9150-11 CHASSIS:RELAY: 1 7 000-1801-01 PWB ACCESSORY:CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY:CARD SPACER: 4		109-3097-01	RELAY UNIT::	
3 065-3347-04 NAME PLATE:: 1 4 035-2071-06 NAME PLATE:VOLT CAUTION: 1 5 009-0471-07 NAME PLATE:: 1 6 064-9150-11 CHASSIS:RELAY: 1 7 000-1801-01 PWB ACCESSORY:CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY:CARD SPACER: 4	1	132-2000-03	PWB:P-5426:B-1	1
4 035-2071-06 NAME PLATE: VOLT CAUTION: 1 5 009-0471-07 NAME PLATE:: 1 6 064-9150-11 CHASSIS: RELAY: 1 7 000-1801-01 PWB ACCESSORY: CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY: CARD SPACER: 4	2	063-3480-02	PWB:P-5506:-1	1
5       009-0471-07       NAME PLATE::       1         6       064-9150-11       CHASSIS:RELAY:       1         7       000-1801-01       PWB ACCESSORY:CARD SPACER:       6         8       046-3014-03       PWB ACCESSORY:CARD SPACER:       4	3	065-3347-04	NAME PLATE::	1
6 064-9150-11 CHASSIS:RELAY: 1 7 000-1801-01 PWB ACCESSORY:CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY:CARD SPACER: 4	4	035-2071-06	NAME PLATE: VOLT CAUTION:	1
7 000-1801-01 PWB ACCESSORY:CARD SPACER: 6 8 046-3014-03 PWB ACCESSORY:CARD SPACER: 4	5	009-0471-07	NAME PLATE::	1
8 046-3014-03 PWB ACCESSORY: CARD SPACER: 4	6	064-9150-11	CHASSIS: RELAY:	1
	7	000-1801-01	PWB ACCESSORY: CARD SPACER:	6
9 049-8371-03 CONNECTOR AS::COMMUNICATION 1	8	046-3014-03	PWB ACCESSORY: CARD SPACER:	4
	9	049-8371-03	CONNECTOR AS::COMMUNICATION	1



UNIT NAME	PS-0 UNIT::	DRAW NO.	4D-36659
-----------	-------------	----------	----------

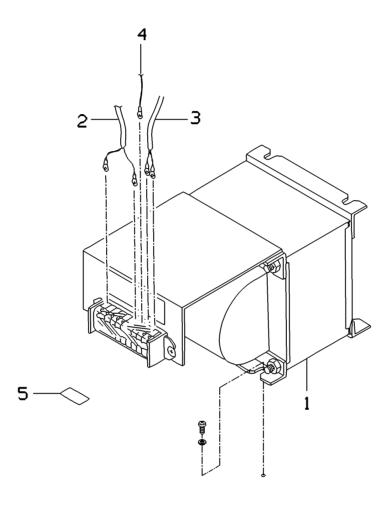
NO.	PART CODE	PART NAME	QUANTITY
	121-6079-14	PS-0 UNIT::	
1	118-3850-01	BREAKER::	1
2	051-5408-07	FILTER:NOISE:AC LINE	1
3	108-7062-18	TERMINAL AS:BLOCK:	1
4	040-3262-07	TERMINAL: BLOCK: EARTH	1
5	117-5356-08	CHASSIS:PS-0:	1
6	114-6184-06	BREAKER: CIRCUIT:	1
7	011-2813-05	ELECTROMAGNETIC CONTACTOR::	2
8	046-3180-09	POWER SUPPLY:SWITCHING:	3
9	064-3942-03	PWB:P-5507:-1	4
10	093-9145-03	FUSE:GLASS TUBE:FAST BLOW	16
11	059-8228-02	NAME PLATE: FUSE:	1
12	059-8229-06	NAME PLATE: FUSE:	1
13	018-5780-08	TERMINAL: ROUND:	44
14	121-8376-09	HARNESS:C4:PS-RCU	1
15	117-9425-06	HARNESS: C3: PS-RELAY	1
16	046-3181-11	PWB ACCESSORY: CARD SPACER:	12
17	009-5974-01	CABLE::VINYL	10
18	000-1801-01	PWB ACCESSORY: CARD SPACER:	16
19	097-8992-07	NAME PLATE::	6
20	018-5781-01	TERMINAL: ROUND:	4
21	061-9322-04	CABLE:SINGLE WIRE:VINYL	0.5
22	053-0950-06	TERMINAL:H:SLEEVE	9
23	036-7057-09	TERMINAL: ROUND:	2
24	060-2348-08	CABLE:SINGLE WIRE:VINYL	0.2
25	035-2071-06	NAME PLATE: VOLT CAUTION:	1
26	055-7115-02	NAME PLATE::	1
27	055-7116-06	NAME PLATE::	1
28	053-1735-05	NAME PLATE: FUSE:	1
29	005-6358-01	ELECTROMAGNETIC CONTACTOR::	4
30	023-5149-00	RELAY: TERMINAL: 4A	1
31	004-9312-04	TERMINAL: BLOCK:	2
32	061-1520-06	ACCESSORY: FASTENER: TERMINAL	4
33	118-0089-02	HARNESS:C5:DC24V	1
34	051-9301-07	RAIL:DIN:	1
35	118-9703-18	HARNESS:C3:EXT	1



UNIT NAME PS-0 UNIT::	DRAW NO.	4D-36659
-----------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	121-6079-14	PS-0 UNIT::	
36	118-0092-04	HARNESS:C4:5V	1
37	118-0095-05	HARNESS: C3: EXT-IN	1
38	001-6885-09	TERMINAL: ROUND:	8
39	062-6306-01	CABLE:SINGLE WIRE:VINYL	2
40	059-8230-01	NAME PLATE: FUSE:	1
41	059-8231-04	NAME PLATE: FUSE:	1
42	111-3303-00	RAIL:DIN:	1
43	118-0093-08	HARNESS:C4:5V	1
44	118-0096-09	HARNESS: C3: EXT-IN	1
45	117-9426-00	HARNESS: C3: PS-RELAY	1
46	118-9702-14	HARNESS:C3:EXT	1
47	114-7771-06	BREAKER: CIRCUIT:	1

No. 4D-32537



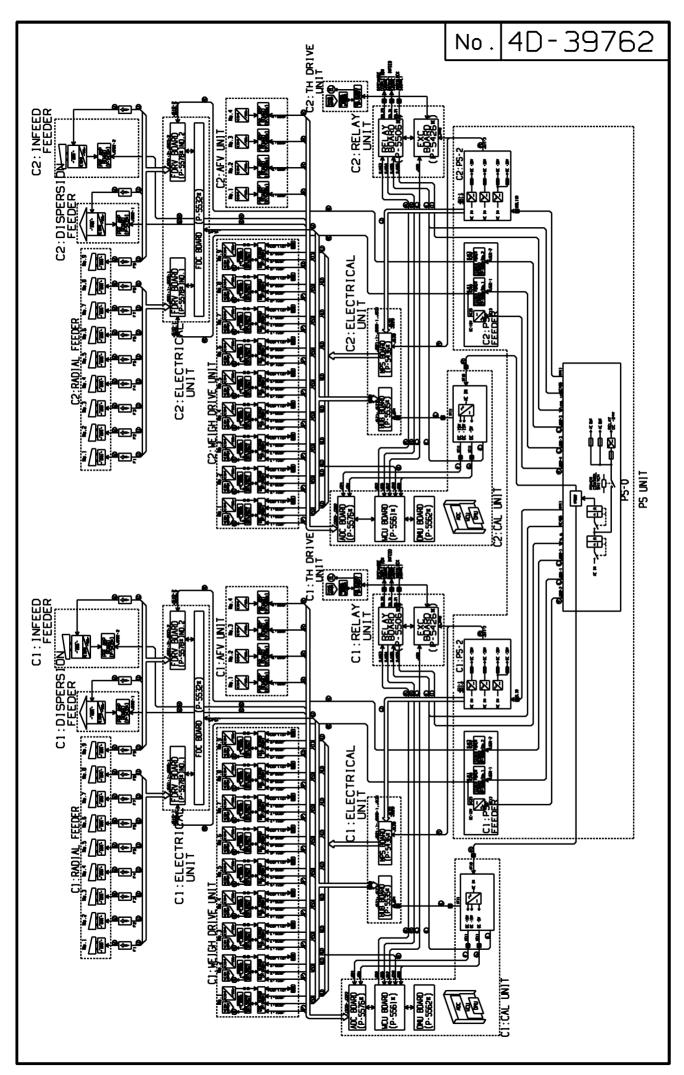
UNIT NAME   ELECTRIC UNIT:: DRAW NO.   4D-32537
---

NO.	PART CODE	PART NAME	QUANTITY
	130-4640-00	ELECTRIC UNIT::	
1	064-7866-08	TRANSFORMER::	1
2	075-8749-05	HARNESS:C4:TRANSFORMER PS	1
3	066-9050-08	HARNESS:S4:TRANSFORMER PS	1
4	055-6749-19	HARNESS:S2:TRANSFORMER EARTH	1
5	055-7119-07	NAME PLATE::	1

No. 4D-32613 16 1,4 15 16-12 -20 5 1,7 3. . |\* |18 21 13 22

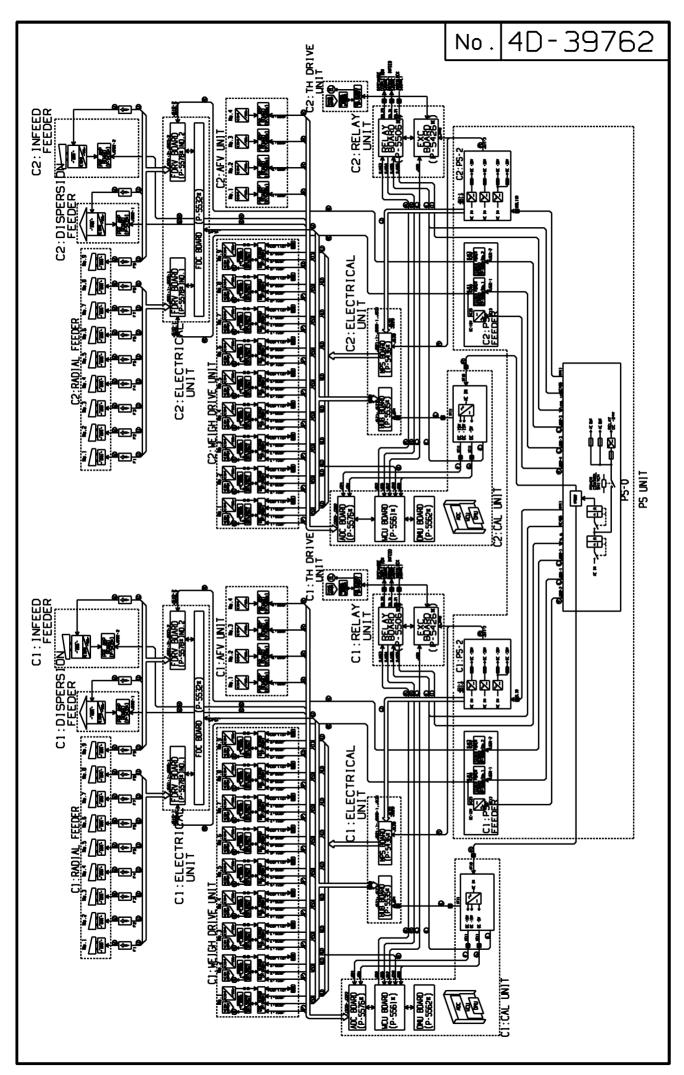
UNIT NAME	CAL UNIT::	DRAW NO.	4D-32613
-----------	------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	117-1261-03	CAL UNIT::	
1	132-1724-02	PWB:P-5561:B-1	1
2	132-1719-03	PWB:P-5562:A-2	1
3	107-8770-18	PWB:P-5576:B-2	1
4	060-5089-31	CHASSIS:CAL:1	1
5	061-0304-13	CHASSIS:CAL:2	1
6	051-9185-01	HARNESS: S2: BUS	1
7	061-0343-00	HARNESS:C4:PS	1
8	061-0344-12	HARNESS:C4:POWER SUPPLY	1
9	037-6733-07	PWB ACCESSORY: CARD SPACER:	2
10	039-0390-06	THREADED ROD: HEX: MF	2
11	039-0386-01	THREADED ROD: HEX: MF	2
12	000-1796-05	PWB ACCESSORY: CARD SPACER:	2
13	105-7150-01	CONNECTOR AS::COMMUNICATION	1
14	047-9061-08	FILTER: FERRITE CORE:	2
15	070-7726-00	POWER SUPPLY: CAL:	1
16	055-7118-03	NAME PLATE::	1
17	029-8980-03	PWB ACCESSORY: CARD SPACER:	3
18	104-3145-01	PWB ACCESSORY:SPACER:	1
19	073-7124-00	PWB ACCESSORY:SPACER:	1
20	097-8992-07	NAME PLATE::	1
21	105-7151-05	CONNECTOR AS::COMMUNICATION	1
22	105-7152-09	CONNECTOR AS::COMMUNICATION	1
23	105-7153-02	CONNECTOR AS::COMMUNICATION	1
24	000-0475-06	FLANGED HEX BOLT:FLANGE:	1



UNIT NAME HARNESS UNIT:: DRAW	NO. 4D-39762
-------------------------------	--------------

NO.	PART CODE	PART NAME	QUANTITY
	130-9066-00	HARNESS UNIT::	
1	130-9046-05	HARNESS:S4:AC FUSE	1
2	130-9047-09	HARNESS:S4:AC FUSE	1
3	130-9048-02	HARNESS:C4:PS-FDRV	1
4	130-9049-06	HARNESS:C4:PS-FDRV	1
5	127-3116-02	HARNESS: C3: EXC-OUT	1
6	127-3117-06	HARNESS: C3: EXC-OUT	1
7	127-3118-00	HARNESS:C3:EXC-IN	1
8	127-3119-03	HARNESS:C3:EXC-IN	1
9	127-3120-08	HARNESS:C4:PS-R 5/24V	1
10	127-3121-01	HARNESS:C4:PS-R 5/24V	1
11	127-3122-14	HARNESS:C3:PW CTRL	1
12	127-3123-18	HARNESS:C3:PW CTRL	1
13	130-9050-10	HARNESS:S2:DC FUSE	1
14	130-9051-13	HARNESS:S2:DC FUSE	1
15	130-9052-17	HARNESS:S2:DC FUSE	1
16	130-9053-11	HARNESS:S2:DC FUSE	1
17	127-3128-07	HARNESS:S4:PW PS	1
18	127-3129-01	HARNESS:S4:PW PS	1
19	127-3130-05	HARNESS:C3:DC FDRV	1
20	127-3131-09	HARNESS:C3:DC FDRV	1
21	127-3132-02	HARNESS:C4:FDRV	1
22	127-3133-06	HARNESS:C4:FDRV	1
23	127-3134-00	HARNESS:C2:FDRV	1
24	127-3135-03	HARNESS:C2:FDRV	1
25	101-4308-02	HARNESS:S2:EXC COMMUNICATION	1
26	101-4309-06	HARNESS:S2:EXC COMMUNICATION	1
27	065-7155-10	HARNESS:C4:PULSE	18
28	130-9054-05	HARNESS:C9:WEIGHT SIGNAL	1
29	130-9056-02	HARNESS:C7:WEIGHT SIGNAL	1
30	130-9057-06	HARNESS:C9:WEIGHT SIGNAL	1
31	130-9059-03	HARNESS:C7:WEIGHT SIGNAL	1
32	127-3142-00	HARNESS:S4:PW PS-CAL	1
33	127-3143-03	HARNESS:S4:PW PS-CAL	1
34	130-9062-05	HARNESS:C2:WEIGHT SIGNAL	1
35	130-9063-09	HARNESS:C2:WEIGHT SIGNAL	1



NO.	PART CODE	PART NAME	QUANTITY
	130-9066-00	HARNESS UNIT::	
36	130-9064-02	HARNESS:C3:DC FUSE	1
37	130-9065-06	HARNESS:C3:DC FUSE	1
	•		

## 4D-36944 No. CCW-R-216B-ITPS ATLAS-1\*2R-C · 3 ) AC200-C1:RERAY UNIT METAL DETECTOR1 COUPON1 ERBOB (22 congon (Ba RSSEC METAL DETECTION SIG ) INTERLOCK C1:CAL UNIT твВЖКо ETHERNET (CCV DNU) SC-3 C1:DF CAMERA UNIT ATLAS-1\*2L-C -3) AC200-240V C2:RERAY UNIT COUPON2 RS232C METAL DETECTION SIG C2: CAL UNIT LBBXKO ETHERNET (CCM DNU) SC - 3 C2:DF CAMERA UNIT

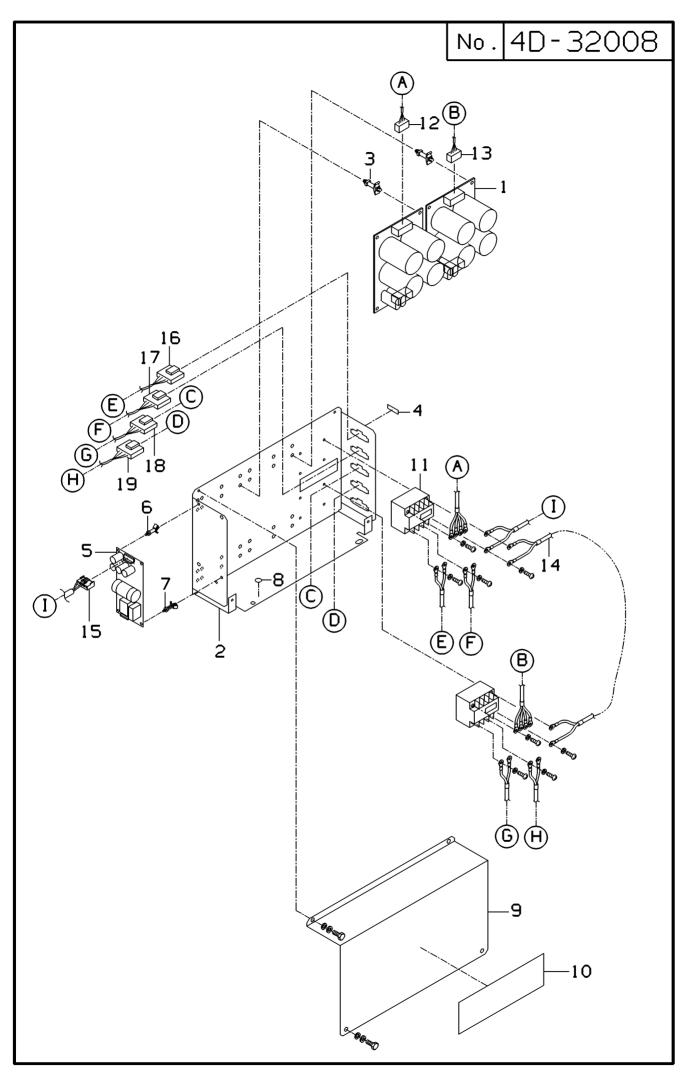
UNIT NAME	HARNESS UNIT: ITPS: INTERLOCK	DRAW NO.	4D-36944
UNII NAME	HARNESS UNIT:ITPS:INTERLOCK	DRAW NO.	4D-36944

NO.	PART CODE	PART NAME	QUANTITY
	127-3175-02	HARNESS UNIT: ITPS: INTERLOCK	
1	121-4509-11	HARNESS:C13:ITPS-CCW	1
2	123-4570-05	HARNESS:C13:ITPS-CCW	1

No. 4D-32381 -10 16 13 12

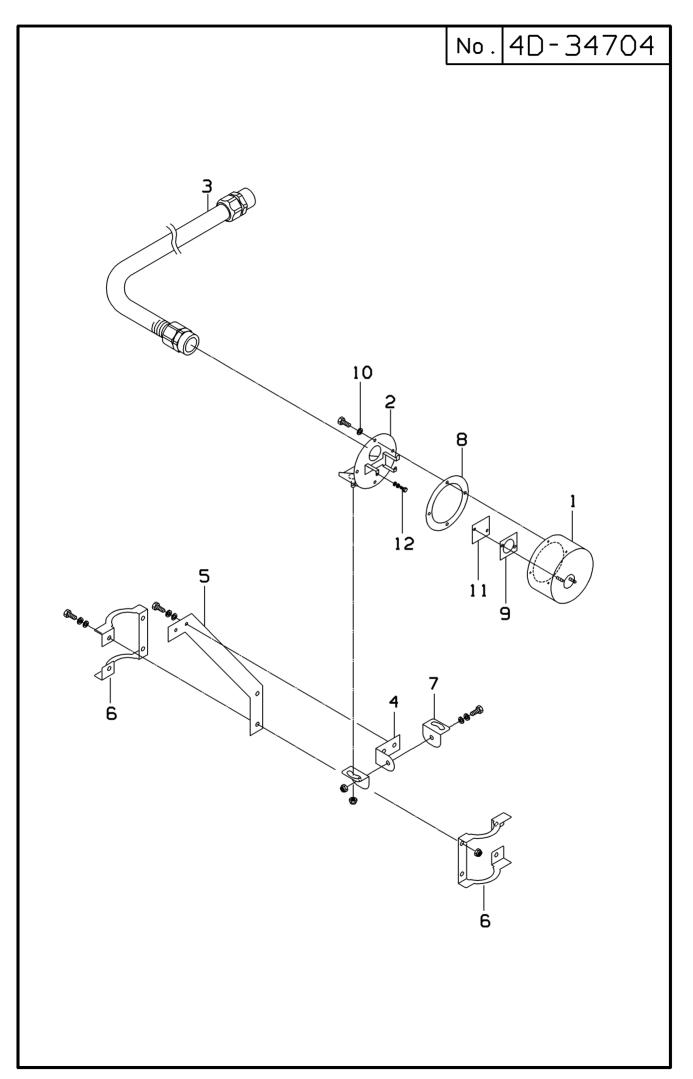
UNIT NAME PS-2 UNIT:: DRAW NO. 4D-	32381
------------------------------------	-------

NO.	PART CODE	PART NAME	QUANTITY
	099-1027-39	PS-2 UNIT::	
1	107-5659-25	CHASSIS:PS-2:	1
2	100-0428-04	POWER SUPPLY: SWITCHING:	2
3	064-3944-01	PWB:P-5508:-1	3
4	093-9146-07	FUSE:GLASS TUBE:FAST BLOW	12
5	000-1801-01	PWB ACCESSORY: CARD SPACER:	12
6	018-5780-08	TERMINAL: ROUND:	10
7	009-5974-01	CABLE::VINYL	2.6
8	018-5781-01	TERMINAL: ROUND:	6
9	097-8992-07	NAME PLATE::	5
10	061-9322-04	CABLE:SINGLE WIRE:VINYL	0.4
11	019-2634-03	TUBE:VINYL:UL/CSA	1.2
12	055-7140-06	NAME PLATE: FUSE:	1
13	055-7139-01	NAME PLATE: FUSE:	1
14	055-7145-04	NAME PLATE: FUSE:	1
15	055-7117-00	NAME PLATE::	1
16	053-1735-05	NAME PLATE:FUSE:	1



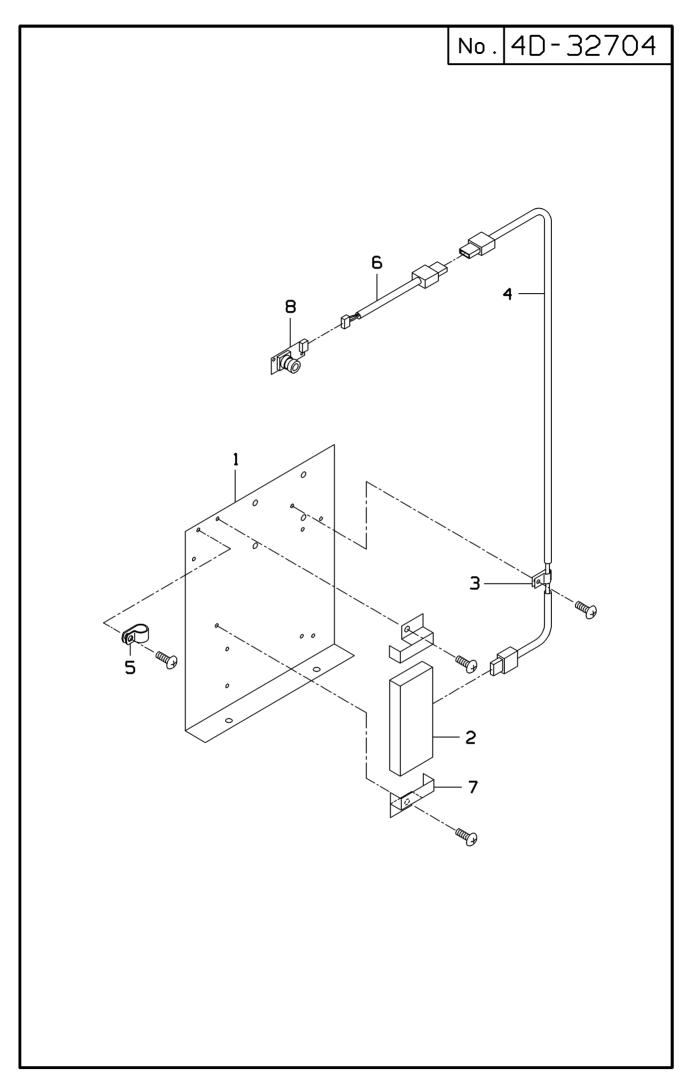
UNIT NAME	PS FEEDER UNIT::	DRAW NO.	4D-32008	
-----------	------------------	----------	----------	--

NO.	PART CODE	PART NAME	QUANTITY
	099-1214-48	PS FEEDER UNIT::	
1	118-9676-01	PWB:P-5580:A-1	2
2	102-2688-44	CHASSIS:PS FEEDER:	1
3	000-1796-05	PWB ACCESSORY: CARD SPACER:	8
4	106-3849-03	NAME PLATE: ELECTRIC:	1
5	056-2114-08	POWER SUPPLY:SWITCHING:	1
6	000-1824-06	PWB ACCESSORY: CARD SPACER:	2
7	046-3181-11	PWB ACCESSORY: CARD SPACER:	2
8	097-8992-07	NAME PLATE::	2
9	102-2689-39	COVER: PS-FEEDER:	1
10	093-6106-07	NAME PLATE:WARNING:	1
11	002-5547-03	ELECTROMAGNETIC CONTACTOR::	2
12	094-5882-17	HARNESS:C5:DC FDRV	1
13	107-0871-02	HARNESS:C5:DC FDRV	1
14	094-5880-01	HARNESS:S4:PW CTRL	1
15	086-2781-00	HARNESS:C4:DC12V	1
16	102-2681-02	HARNESS:C5:DC FDRV	1
17	102-2682-06	HARNESS:C5:DC FDRV	1
18	102-2683-00	HARNESS:C5:DC FDRV	1
19	102-2684-03	HARNESS:C5:DC FDRV	1
-			
-			



UNIT NAME CAMERA UNIT: DISPERSION: DRAW NO. 4D-3470
---

NO.	PART CODE	PART NAME	QUANTITY
	131-0961-08	CAMERA UNIT: DISPERSION:	
1	109-2516-01	COVER: CAMERA:	1
2	115-2677-17	BASE: COVER:	1
3	109-5239-01	TUBE AS::	1
4	109-2522-04	L PLATE B::	1
5	131-0960-04	BRACKET: PIPE:	1
6	111-9772-05	BRACKET: PIPE:	2
7	109-2521-10	HOLDER::	2
8	109-2520-07	GASKET::	1
9	109-2523-08	GASKET::	1
10	019-3921-06	GASKET::SEAL WASHER	4
11	108-5484-00	PLATE A::	1
12	094-5437-03	SCREW:CROSS PAN HEAD:BWA S2P3	2



UNIT NAME DF CAMERA UNIT::	DRAW NO.	4D-32704
----------------------------	----------	----------

NO.	PART CODE	PART NAME	QUANTITY
	115-3008-00	DF CAMERA UNIT::	
1	109-7121-30	CHASSIS: USB:	1
2	109-7119-04	HUB:USB:	1
3	051-9489-03	ACCESSORY:CLAMP:SHIELD	1
4	106-3922-02	HARNESS:C2:USB	1
5	000-4756-07	ACCESSORY:CLAMP:NYLON CLAMP	1
6	115-0989-02	HARNESS: C2: CAMERA	1
7	109-7120-09	BRACKET::	2
8	115-2701-04	CAMERA: CMOS: COLLAR	1

## PARTS MANUAL

Date of Issue May 2010

## ISHIDA CO., LTD.

44, SANNO-CHO, SHOGOIN, SAKYO-KU, KYOTO, 606-8392 JAPAN