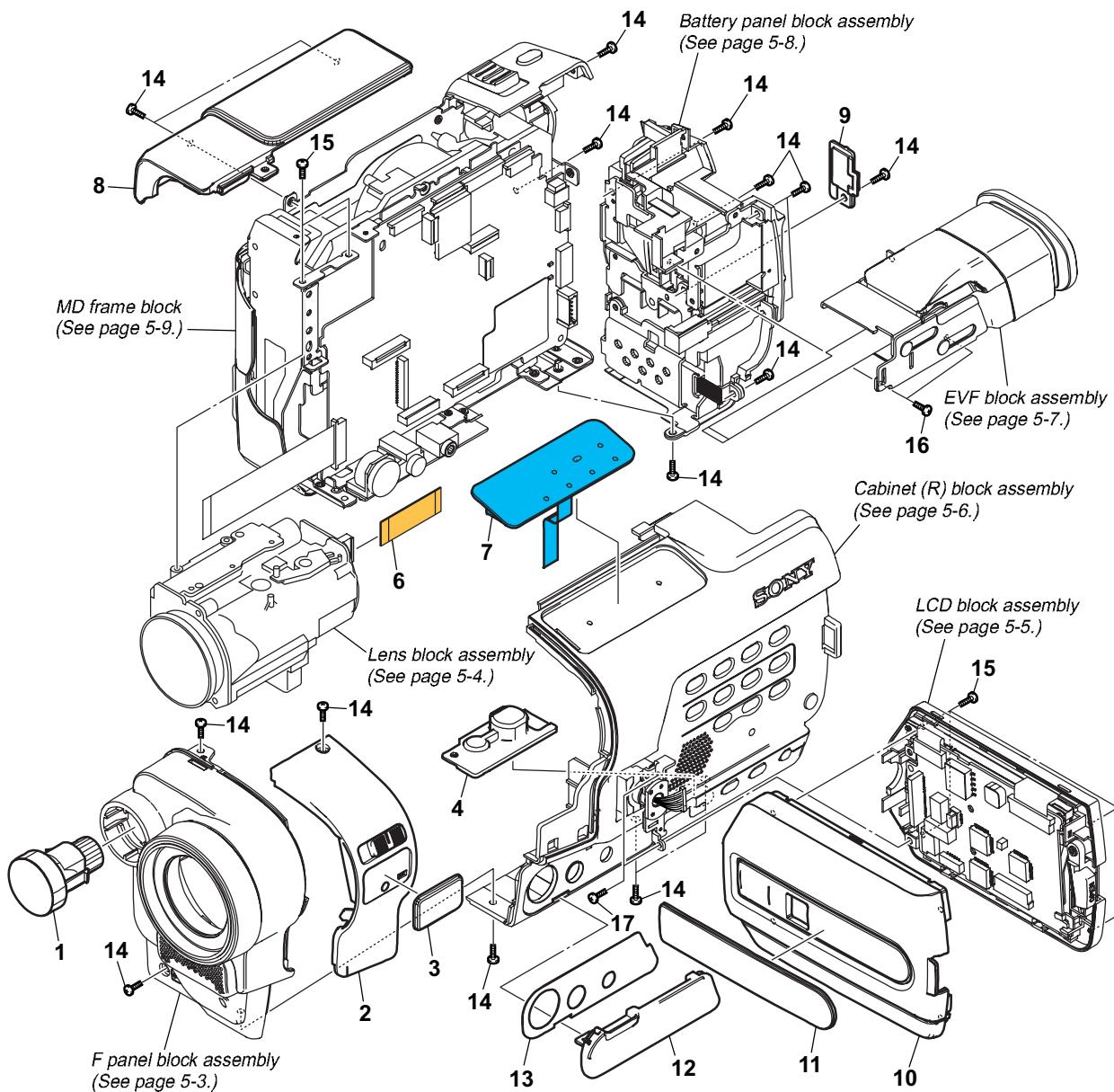


## 5-1. EXPLODED VIEWS

## 5-1-1. OVERALL ASSEMBLY

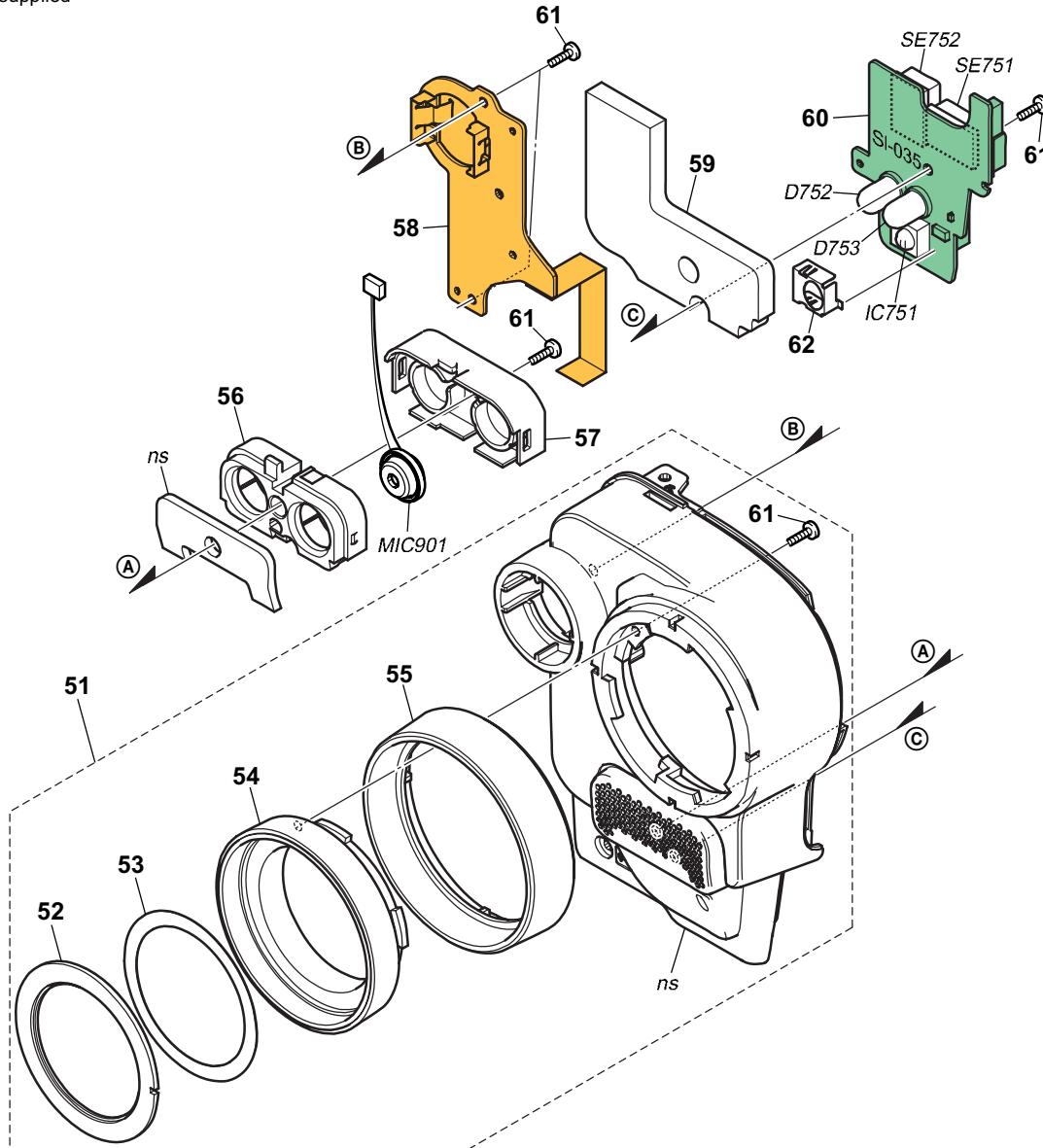


Ref. No.	Part No.	Description
1	1-518-787-21	LIGHT, VIDEO
2	X-3952-952-1	RING (30) ASSY, ORNAMENTAL
3	3-079-010-01	PLATE (30), MAGNIFICATION
4	3-079-012-01	SCREW (30), TRIPOD
6	1-683-163-21	FP-400 FLEXIBLE BOARD
7	1-477-672-11	SWITCH BLOCK, CONTROL (FK-3000)
8	3-079-011-01	CABINET UPPER (30)
9	3-079-007-01	LID (30), CPC
10	3-079-492-02	CABINET (C) (36), P
11	X-3952-981-1	COVER (30) ASSY, CPC (TRV318)

Ref. No.	Part No.	Description
11	X-3953-041-1	COVER (30) ASSY, CPC (TRV418E)
11	X-3953-042-1	COVER (30) ASSY, CPC (TRV218E)
11	X-3953-043-1	COVER (30) ASSY, CPC (TRV118)
11	X-3953-044-1	COVER (30) ASSY, CPC (TRV418)
12	3-079-008-01	COVER (30), JACK
13	3-079-396-01	SHEET (30), JACK
14	3-080-221-11	SCREW (M2), ES LOCK
15	3-065-567-11	TAPPING (M1.7)
16	3-078-889-11	SCREW (M1.7)
17	3-065-567-01	TAPPING (M1.7)

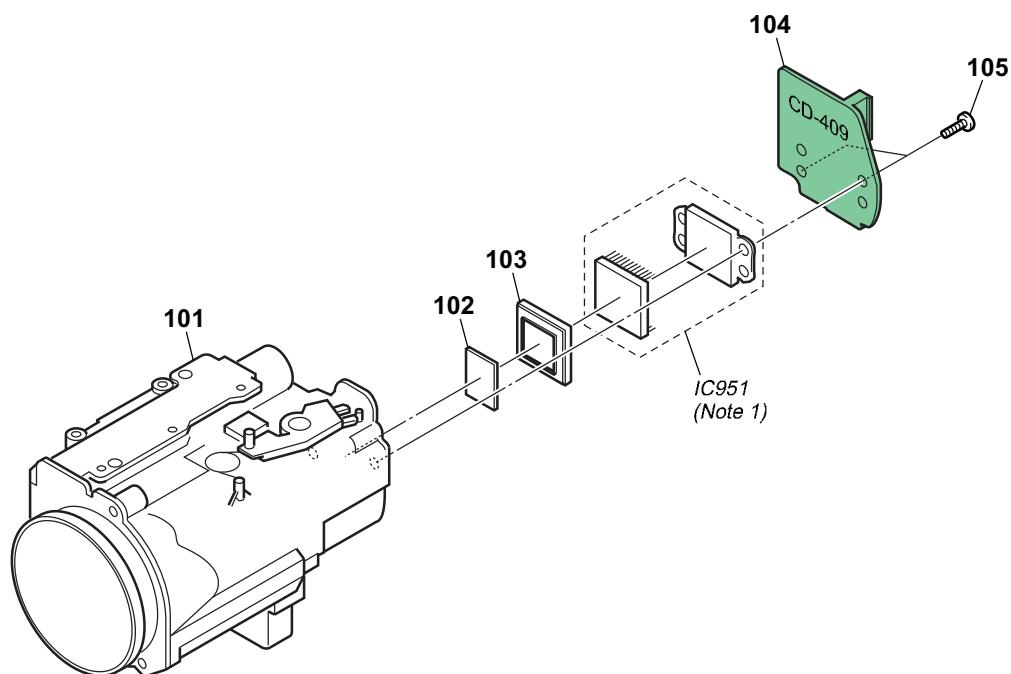
## **5-1-2. F PANEL BLOCK ASSEMBLY**

ns: not supplied



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
51	X-3952-950-1	PANEL (30) ASSY, FRONT (TRV218E/TRV418/TRV418E)	60	A-7013-243-A	SI-035 BOARD, COMPLETE
51	X-3952-951-1	PANEL (30) ASSY, FRONT (TRV118/TRV318)	61	3-065-567-01	TAPPING (M1.7)
52	3-079-000-01	PLATE (30), NAME	62	3-079-004-01	CASE (30), SHIELD, SI (TRV218E/TRV418/TRV418E)
53	3-079-001-01	SHEET (30), ADHESIVE, PLATE	D752	8-719-060-65	DIODE DAC3825 (IR Emitter)
54	3-078-999-01	SCREW(30), FILTER	D753	8-719-060-65	DIODE DAC3825 (IR Emitter)
55	3-079-002-01	RING (30), FRONT	IC751	6-701-681-01	IC RPM7140-V4 (TRV218E/TRV418/TRV418E)
56	3-078-997-01	HOLDER (30), MICROPHONE	MIC901	1-542-312-11	MICROPHONE
57	3-078-996-01	RETAINER (30), MICROPHONE	SE751	1-803-042-31	SENSOR, ANGULAR VELOCITY (TRV318/TRV418/TRV418E)
58	1-686-853-21	FP-569 FLEXIBLE BOARD	SE752	1-803-042-41	SENSOR, ANGULAR VELOCITY (TRV318/TRV418/TRV418E)
59	3-080-231-01	SHEET (30), MICROPHONE			

## 5-1-3. LENS BLOCK ASSEMBLY



(Note 1) Be sure to read "Precautions for Replacement of CCD Imager" on page 4-8 when changing the CCD imager.

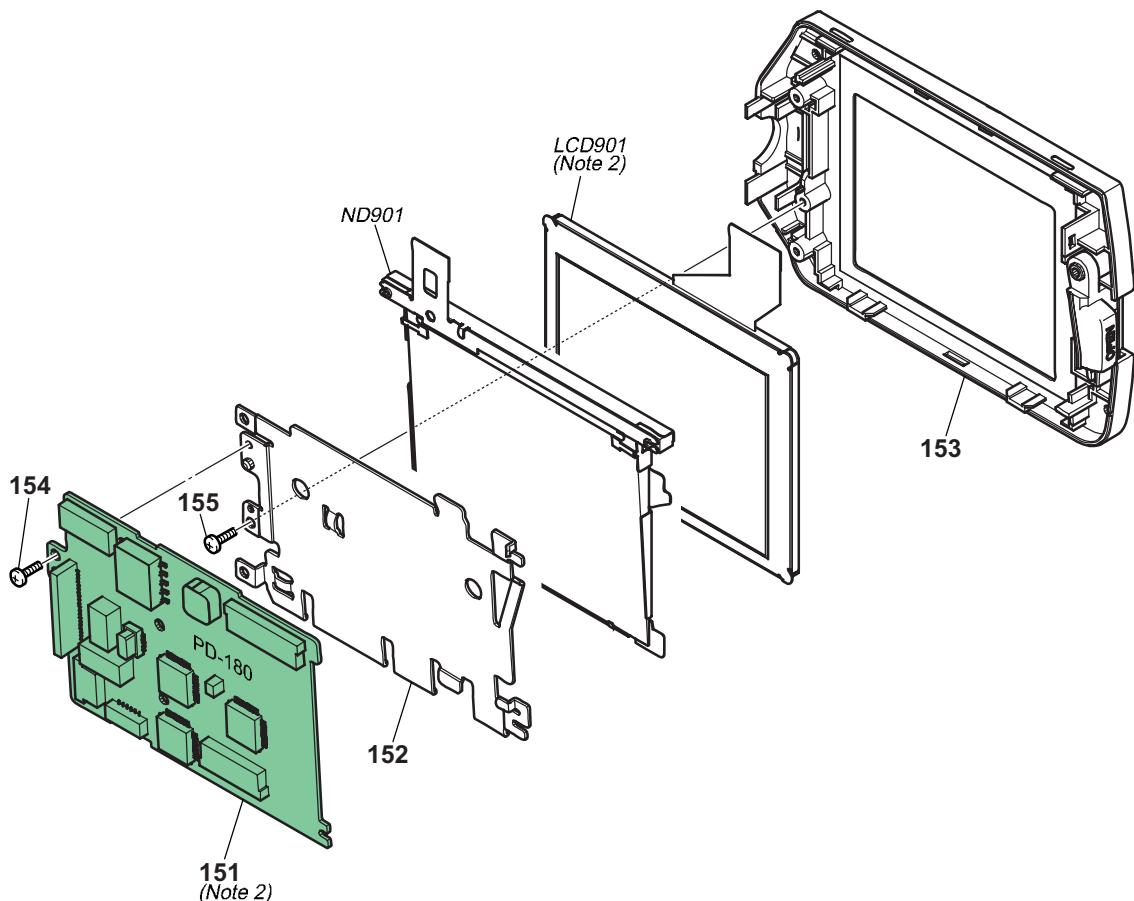
Ref. No.	Part No.	Description
101	8-848-765-01	DEVICE, LENS LSV-820A
102	1-758-865-11	FILTER BLOCK OPTICS
103	3-053-973-01	RUBBER (W), SEAL
104	A-7013-230-A	CD-409 BOARD, COMPLETE (TRV118/TRV318/TRV418)
104	A-7013-231-A	CD-409 BOARD, COMPLETE (TRV218E/TRV418E)

Ref. No.	Part No.	Description
105	3-065-567-01	TAPPING (M1.7)
IC951	A-7013-219-A	CCD BLOCK ASSY (CCD IMAGER) (Note 1) (TRV118/TRV318/TRV418)
IC951	A-7013-276-A	CCD BLOCK ASSY (CCD IMAGER) (Note 1) (TRV218E/TRV418E)

COVER

## 5. REPAIR PARTS LIST

## 5-1-4. LCD BLOCK ASSEMBLY



(Note 2) About PD-180 board and LCD module, discriminate LCD type on the machine referring to page 1-2, and replace the same type.

The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

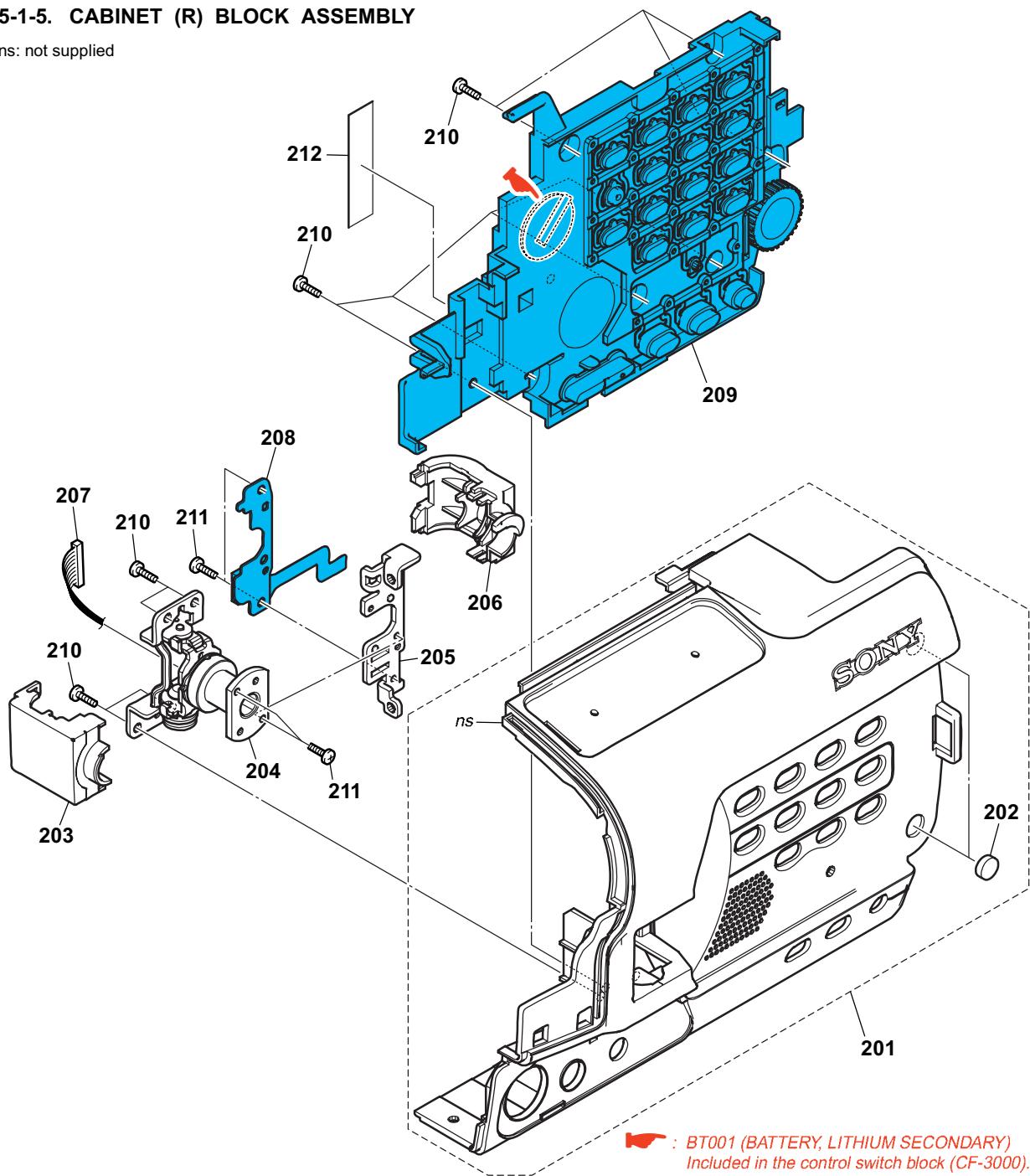
Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description
151	A-7013-232-A	PD-180 BOARD, COMPLETE (TYPE C)
151	A-7013-233-A	PD-180 BOARD, COMPLETE (TYPE S)
152	3-079-032-01	FRAME (30), P
153	X-3952-955-2	CABINET (M) (30) ASSY, P
154	3-078-889-11	SCREW (M1.7)
155	3-065-567-11	TAPPING (M1.7)

Ref. No.	Part No.	Description
LCD901	1-803-852-21	INDICATOR MODULE LIQUID CRYSTAL (TYPE S) (Note 2)
LCD901	1-803-859-21	INDICATOR MODULE LIQUID CRYSTAL (TYPE C) (Note 2)
$\triangle$ ND901	1-518-796-11	TUBE, FLUORESCENT,COLD CATHODE

## 5-1-5. CABINET (R) BLOCK ASSEMBLY

ns: not supplied



Ref. No.	Part No.	Description
201	X-3952-953-3	CABINET (R) (30) ASSY
202	3-959-978-02	CUSHION, PANEL
203	3-079-059-01	COVER (C) (30), HINGE
204	X-3952-973-1	HINGE (30) ASSY
205	3-079-057-01	BRACKET (30), HINGE
206	3-079-058-01	COVER (M) (30), HINGE

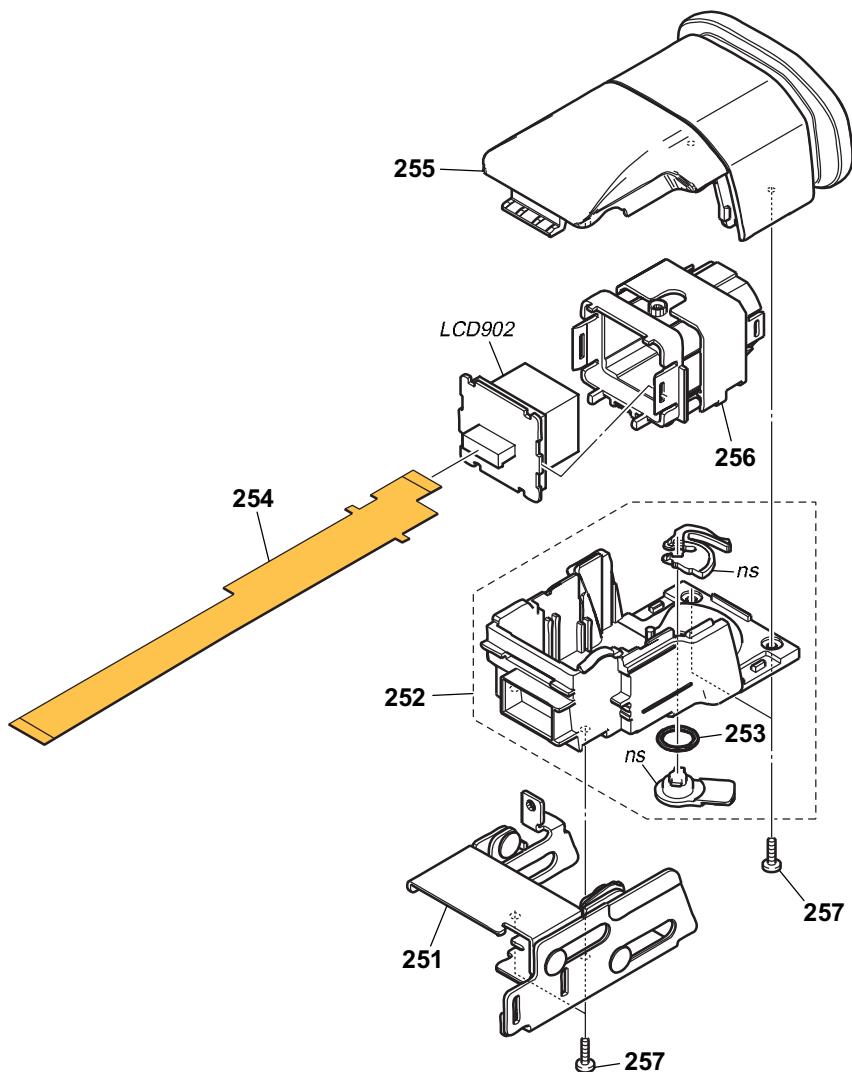
Ref. No.	Part No.	Description
207	1-961-989-11	HARNESS (PD-118)
208	1-477-675-11	SWITCH BLOCK, CONTROL (PR-3000)
209	1-477-673-11	SWITCH BLOCK, CONTROL (CF-3000)
210	3-080-205-21	SCREW, TAPPING, P2
211	3-989-735-41	SCREW (M1.7), LOCK ACE, P2
212	3-941-343-21	TAPE (A)

COVER

## 5. REPAIR PARTS LIST

## 5-1-6. EVF BLOCK ASSEMBLY

ns: not supplied

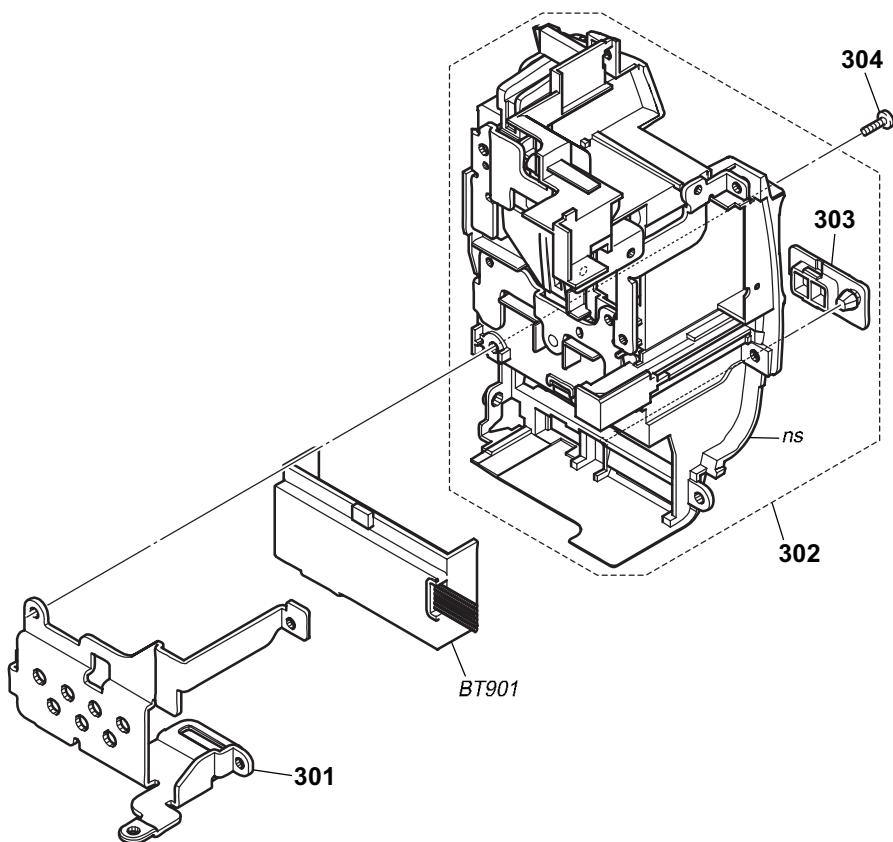


Ref. No.	Part No.	Description
251	X-3952-968-1	HINGE (30) ASSY, VF
252	X-3952-956-1	CABINET (LOWER) (30) (M) ASSY, EVF
253	3-950-044-01	RING, O
254	1-686-855-11	FP-572 FLEXIBLE BOARD
255	X-3952-957-1	CABINET (UPPER) (30) ASSY, EVF

Ref. No.	Part No.	Description
256	X-3951-166-1	LENS (M) ASSY, VF
257	3-065-567-01	TAPPING (M1.7)
LCD902	1-805-058-21	INDICATOR MODULE LIQUID CRYSTAL (TRV118/TRV318/TRV418)
LCD902	1-805-058-41	INDICATOR MODULE LIQUID CRYSTAL (TRV218E/TRV418E)

## 5-1-7. BATTERY PANEL BLOCK ASSEMBLY

ns: not supplied



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
301	3-079-039-01	SHEET METAL (LOWER) (30),STRAP
302	X-3953-128-1	PANEL (30) ASSY, BATTERY
303	3-072-305-01	LID (2500), JACK

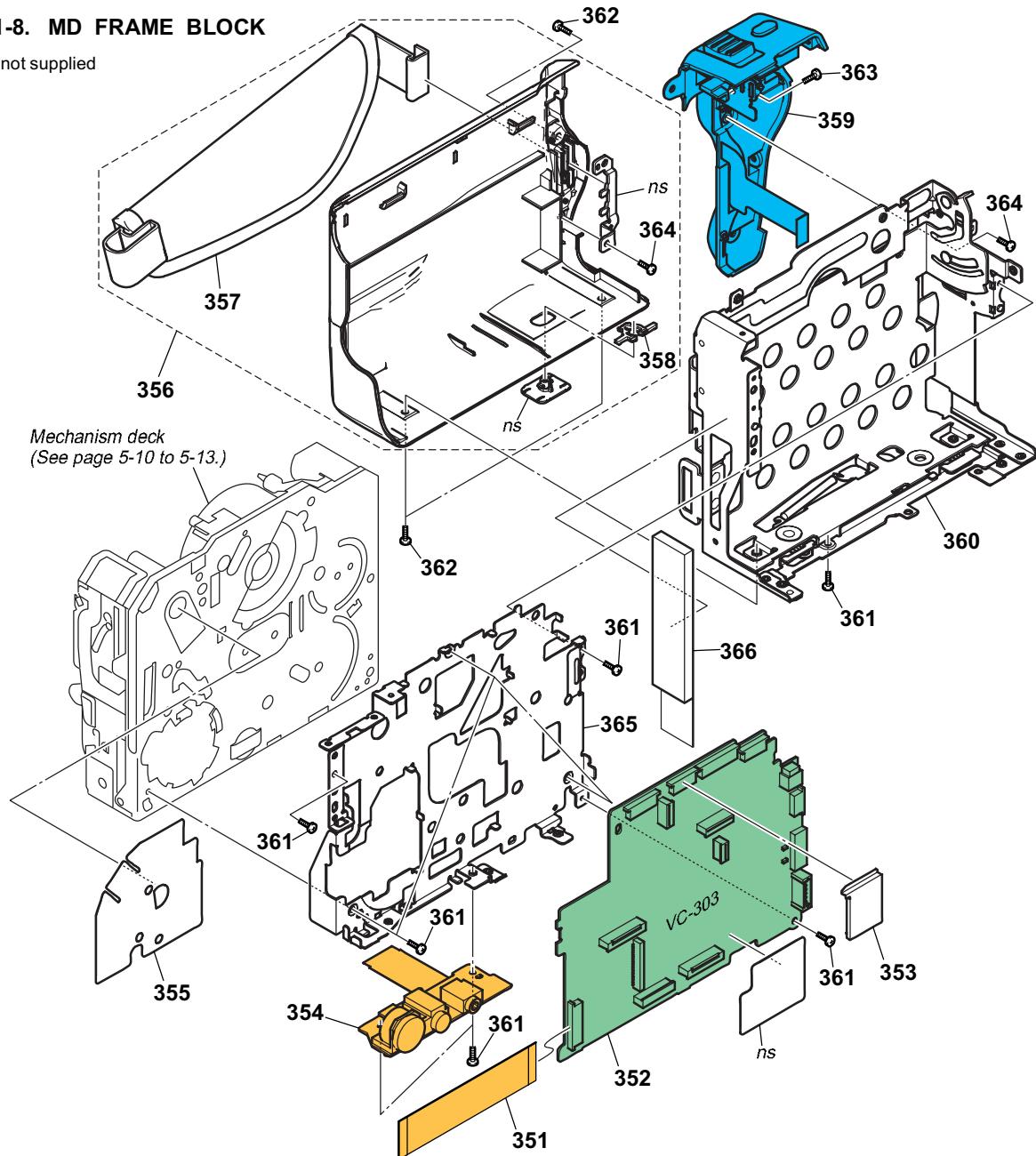
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
304	3-067-347-01	MI SCREW M2 (H)
BT901	1-694-772-11	TERMINAL BOARD, BATTERY



## **5. REPAIR PARTS LIST**

## 5-1-8. MD FRAME BLOCK

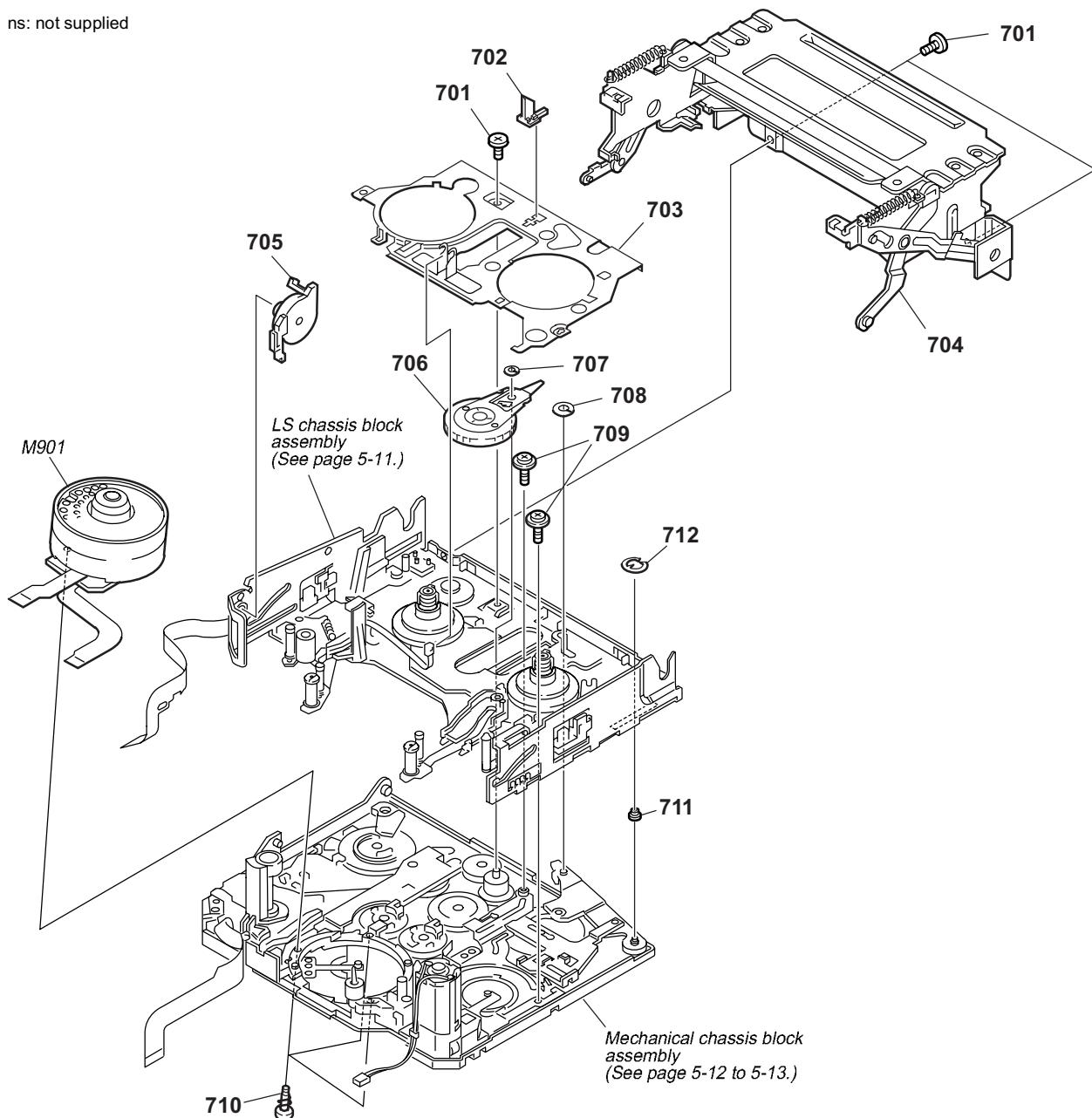
ns: not supplied



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
351	1-686-856-11	FP-573 FLEXIBLE BOARD	356	X-3952-959-1	CABINET (L) (30) ASSY
352	A-7013-492-A	VC-303 BOARD, COMPLETE (SERVICE) (TRV118)	357	3-052-815-01	BELT (ES), GRIP
352	A-7013-493-A	VC-303 BOARD, COMPLETE (SERVICE) (TRV218E)	358	3-978-765-01	SLIDER, G LOCK
352	A-7013-494-A	VC-303 BOARD, COMPLETE (SERVICE) (TRV318/TRV418)	359	1-477-674-11	SWITCH BLOCK, CONTROL (SS-3000)
352	A-7013-495-A	VC-303 BOARD, COMPLETE (SERVICE) (TRV418E)	360	X-3952-970-1	FRAME ASSY (30), CS
353	3-079-009-01	CASE (30), SHIELD, RP	361	3-078-889-11	SCREW (M1.7)
354	1-686-859-21	FP-576 FLEXIBLE BOARD	362	3-080-221-11	SCREW (M2), ES LOCK
355	3-066-169-01	SHEET (30), MD	363	3-080-221-21	SCREW (M2), ES LOCK
			364	3-080-222-21	SCREW (M1.7), TAPPING, P2
			365	3-079-006-01	FRAME (30), MD
			366	3-079-176-01	COVER, MD (30)

## 5-1-9. CASSETTE COMPARTMENT ASSEMBLY, DRUM ASSEMBLY

ns: not supplied



Ref. No.	Part No.	Description
701	3-065-932-01	PAN (2 MAIN M1.4X1.6), CAMERA
702	3-065-895-01	LEVER, REEL RELEASE
703	3-065-896-01	PLATE, BLIND
704	X-3951-298-1	CASSETTE COMPARTMENT ASSY
705	X-3951-302-1	DAMPER ASSY
706	X-3951-297-1	GEAR ASSY, R DRIVE
707	3-065-840-01	CUT (0.98X3X0.13), LUMILER (W)
708	3-065-935-01	HLC CUT 1.8X4X0.5

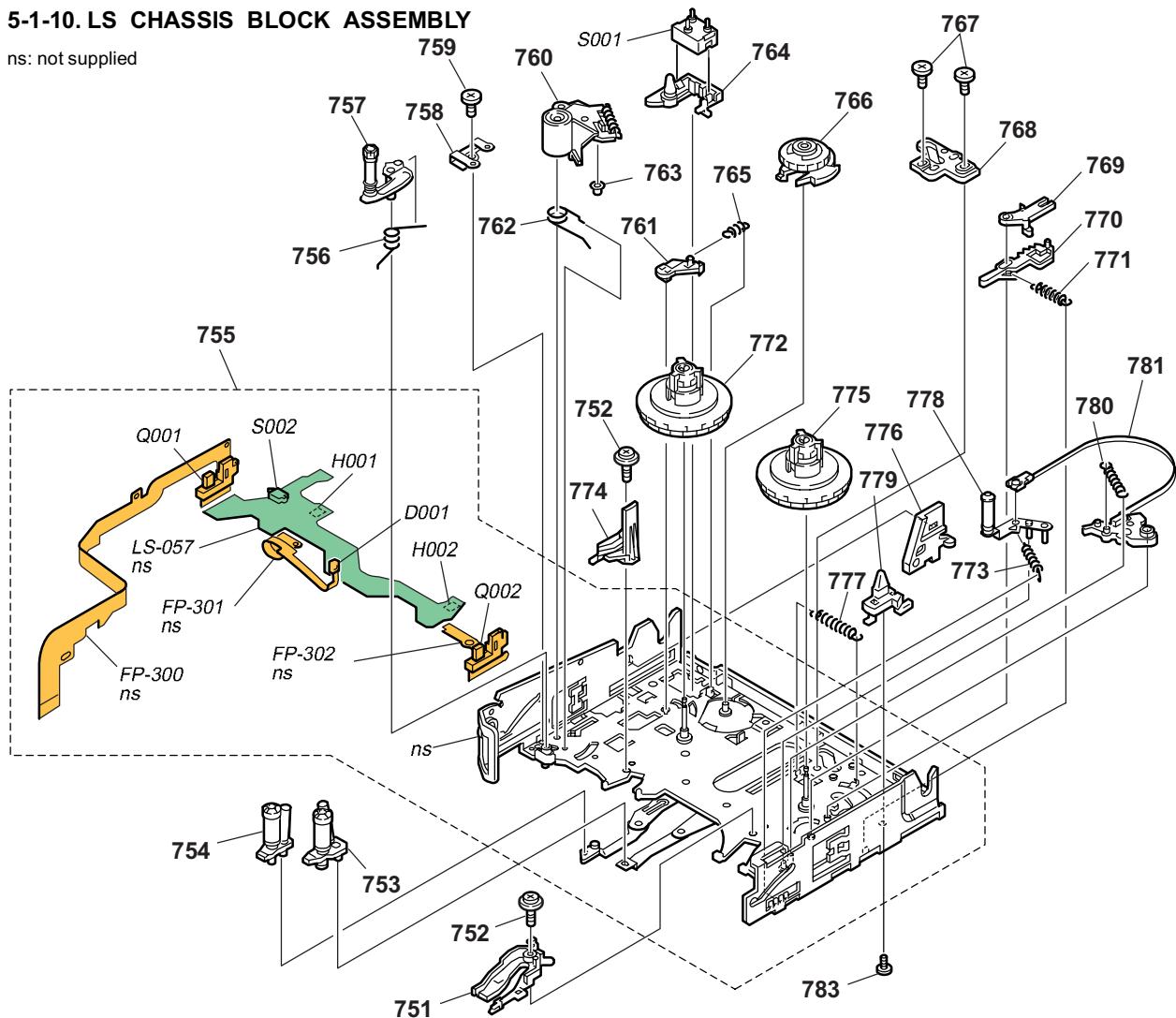
Ref. No.	Part No.	Description
709	3-947-503-01	SCREW (M1.4)
710	X-3951-299-1	SCREW ASSY, DRUM FITTING
711	3-074-309-01	ROLLER A, LS GUIDE
712	7-624-101-04	STOP RING 1.2 (E TYPE)
M901	A-7048-965-A	DRUM (DGH-0F3A-R) (SERVICE) (MDX-M2100) (TRV118/TRV318/TRV418)
M901	A-7048-966-A	DRUM (DGH-0F4A-R) (SERVICE) (MDX-M2101) (TRV218E/TRV418E)

COVER

## 5. REPAIR PARTS LIST

## 5-1-10. LS CHASSIS BLOCK ASSEMBLY

ns: not supplied

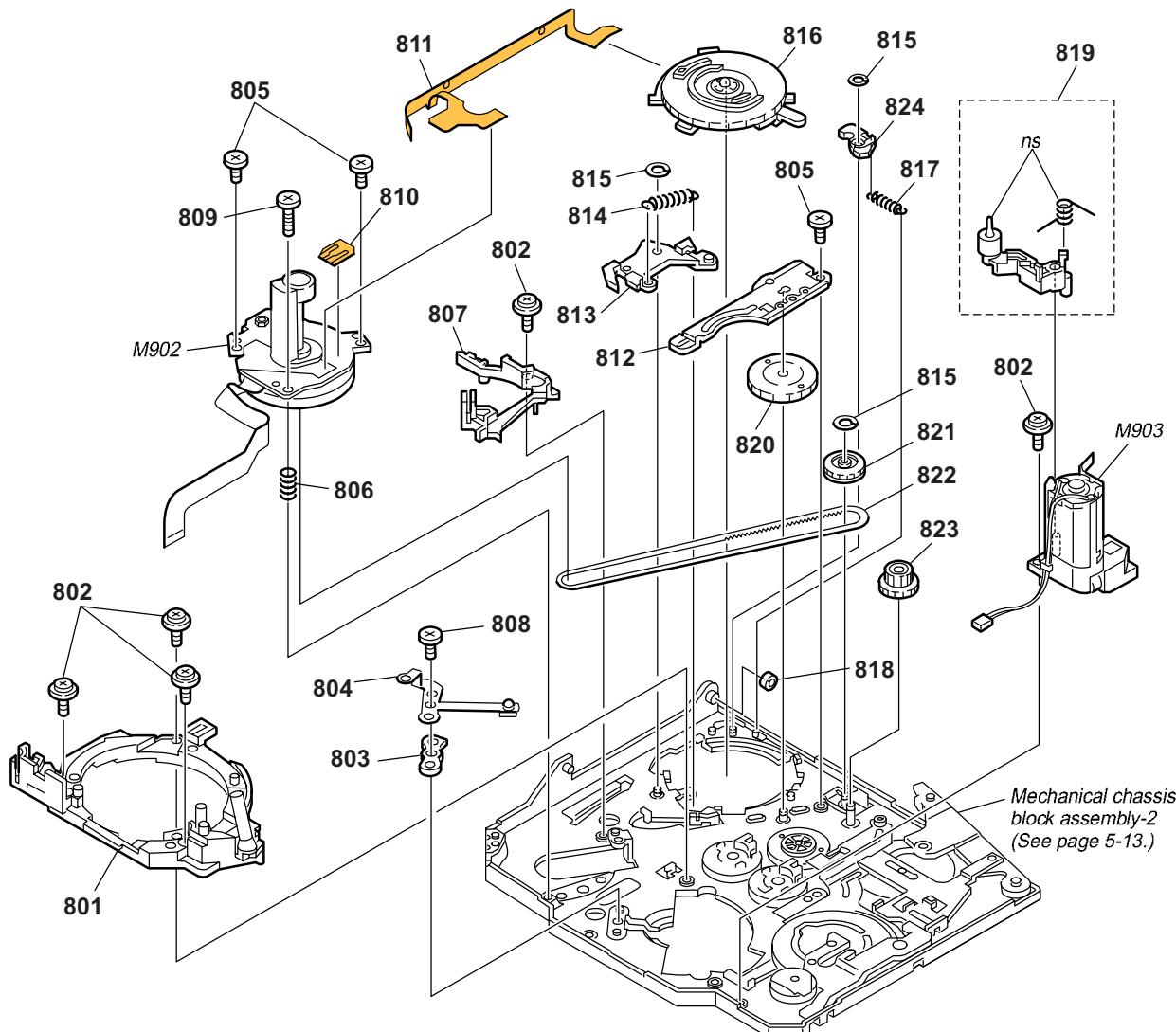


Ref. No.	Part No.	Description
751	3-065-822-02	RAIL (S), GUIDE
752	3-947-503-01	SCREW (M1.4)
753	A-7096-416-B	BASE (S) BLOCK ASSY, GUIDE
754	A-7096-415-A	BASE (T) BLOCK ASSY, GUIDE
755	A-7096-426-A	CHASSIS ASSY, LS
756	3-065-802-01	SPRING, TG7 ARM
757	A-7096-414-A	ARM BLOCK ASSY, TG7
758	3-065-801-01	RETAINER, TG7
759	3-065-932-01	PAN (2 MAIN M1.4X1.6), CAMERA
760	X-3951-303-1	ARM ASSY, PINCH
761	3-065-823-01	ARM, T RATCHET
762	3-065-794-01	ROAD (SPR), PINCH ARM
763	3-065-792-01	ROLLER, P LIM ARM
764	3-065-834-01	GUIDE (T), CASSETTE
765	3-065-824-01	SPRING, T RATCHET
766	A-7096-417-A	SOFT ASSY, T
767	3-071-650-01	SCREW (M1.7) (S)
768	3-065-832-01	PLATE, LS CAM
769	3-065-828-01	ARM, S RATCHET
770	3-065-829-01	PLATE, S RATCHET (RE)

Ref. No.	Part No.	Description
771	3-065-830-01	SPRING, S RATCHET
772	X-3951-288-1	TABLE (T) ASSY, REEL
773	3-065-819-01	SPRING, TG1 ARM
774	3-065-821-01	RAIL (T), GUIDE
775	X-3951-289-1	TABLE (S) ASSY, REEL
776	3-065-833-01	GUIDE, LOCK
777	3-065-831-01	PLATE (SPR), RE RETURN
778	X-3951-304-1	ARM ASSY, TG1
779	3-065-835-01	GUIDE (S), CASSETTE
780	3-065-820-01	SPRING, RVS ARM
781	X-3951-296-1	BAND (ASSY), BT
783	3-067-167-01	SCREW (M1.4X2), CAMERA TAPPING
D001	8-719-988-42	DIODE GL453 (TAPE LED)
H001	8-719-033-37	ELEMENT, HALL HW-105C (T REEL)
H002	8-719-033-37	ELEMENT, HALL HW-105C (S REEL)
Q001	8-729-907-25	PHOTO TRANSISTOR PT4850F (TAPE TOP)
Q002	8-729-907-25	PHOTO TRANSISTOR PT4850F (TAPE END)
S001	1-692-614-11	SWITCH, PUSH (3 KEY) (REC PROOF)
S002	1-572-688-11	SWITCH, PUSH LEVER (1 KEY) (C. C. LOCK)

## 5-1-11. MECHANICAL CHASSIS BLOCK ASSEMBLY-1

ns: not supplied



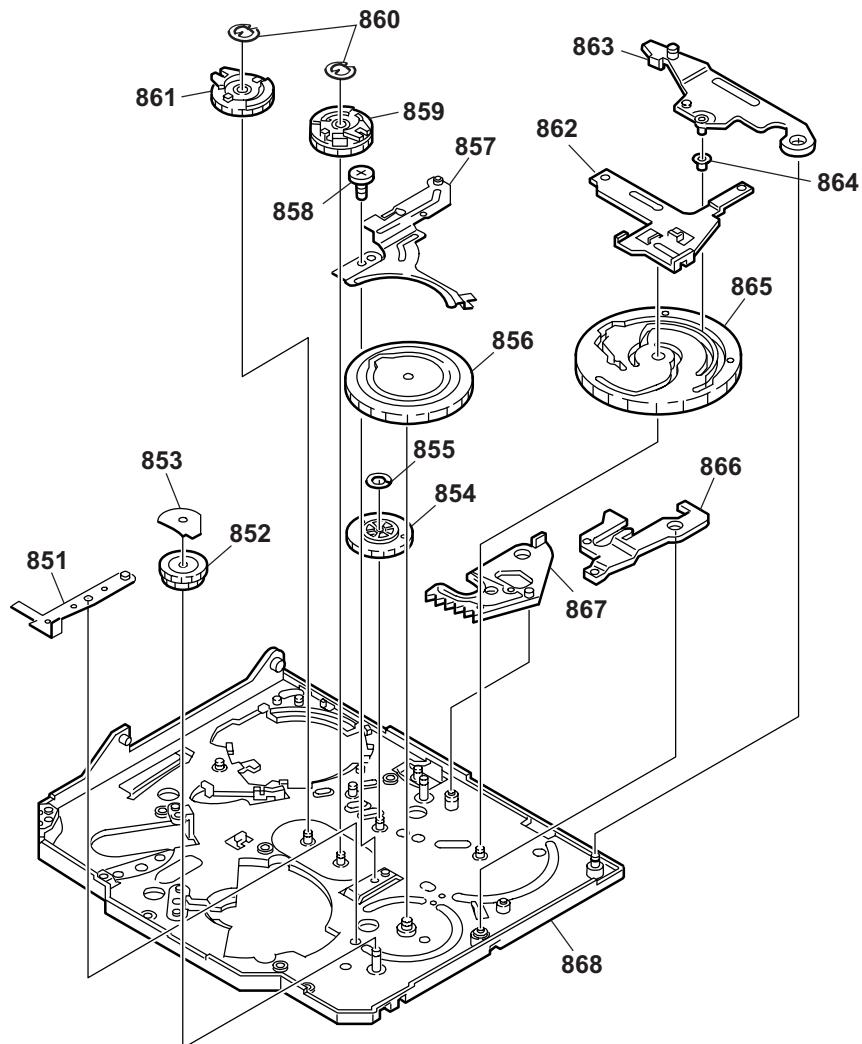
Ref. No.	Part No.	Description
801	A-7096-422-A	BASE ASSY, DRUM
802	3-947-503-01	SCREW (M1.4)
803	3-065-928-01	SPACER, GROUND
804	3-065-927-01	GROUND, DRUM
805	3-065-932-01	PAN (2 MAIN M1.4X1.6), CAMERA
806	3-067-154-01	SPRING, CAPSTAN
807	3-065-931-01	RAIL (T2), GUIDE
808	X-3947-398-1	SCREW ASSY, M1.7 PW
809	3-065-933-01	PAN (2 MAIN 1.4X4.5), CAMERA
810	1-677-049-11	PWB, FP-228 FLEXIBLE
811	1-680-434-11	PWB, FP-299 FLEXIBLE
812	3-065-877-01	PLATE (T), GUIDE LOCK
813	X-3951-301-1	PLATE ASSY, PINCH PRESSURE

Ref. No.	Part No.	Description
814	3-065-881-01	SPRING, P PRESSURE PLATE
815	3-065-934-01	HLW CUT 0.98X3X0.25
816	1-786-096-11	SWITCH, ROTARY
817	3-065-898-01	SPRING, EJECT ARM
818	3-065-870-01	ROLLER, LS GUIDE
819	A-7096-421-A	ARM ASSY, HCL
820	3-065-918-01	GEAR (2), CAM RELAY
821	A-7096-419-A	GEAR ASSY, CHANGE
822	3-065-902-01	BELT, TIMING
823	3-065-905-01	GEAR, RELAY
824	3-065-882-01	ARM, EJECT
M902	8-835-701-01	MOTOR, DC SCE13A/C-NP (CAPSTAN)
M903	A-7096-420-A	MOTOR ASSY, LD (LOADING)

COVER

## 5. REPAIR PARTS LIST

## 5-1-12. MECHANICAL CHASSIS BLOCK ASSEMBLY-2



Ref. No.	Part No.	Description
851	3-065-920-01	ARM, HC DRIVE
852	3-065-913-01	GEAR (4), LD
853	3-065-914-01	SHEET, COVER
854	3-065-917-01	GEAR (1), CAM RELAY
855	3-065-934-01	HLW CUT 0.98X3X0.25
856	3-065-915-01	GEAR (1), CAM
857	3-065-878-01	PLATE (S), GUIDE LOCK
858	3-065-932-01	PAN (2 MAIN M1.4X1.6), CAMERA
859	A-7096-413-A	GEAR (S) ASSY, GUIDE

Ref. No.	Part No.	Description
860	7-624-101-04	STOP RING 1.2 (E TYPE)
861	A-7096-412-A	GEAR (T) ASSY, GUIDE
862	X-3951-307-1	PLATE ASSY, M SLIDE
863	X-3951-305-1	ARM ASSY, LS
864	3-065-901-01	ROLLER, LS ARM
865	3-065-916-01	GEAR (2), CAM
866	3-065-919-01	ARM, T1 LIMITTER
867	X-3951-308-1	ARM ASSY, GL
868	X-3951-300-2	CHASSIS ASSY, MECHANICAL