

SECTION 6 REPAIR PARTS LIST

6-1. EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

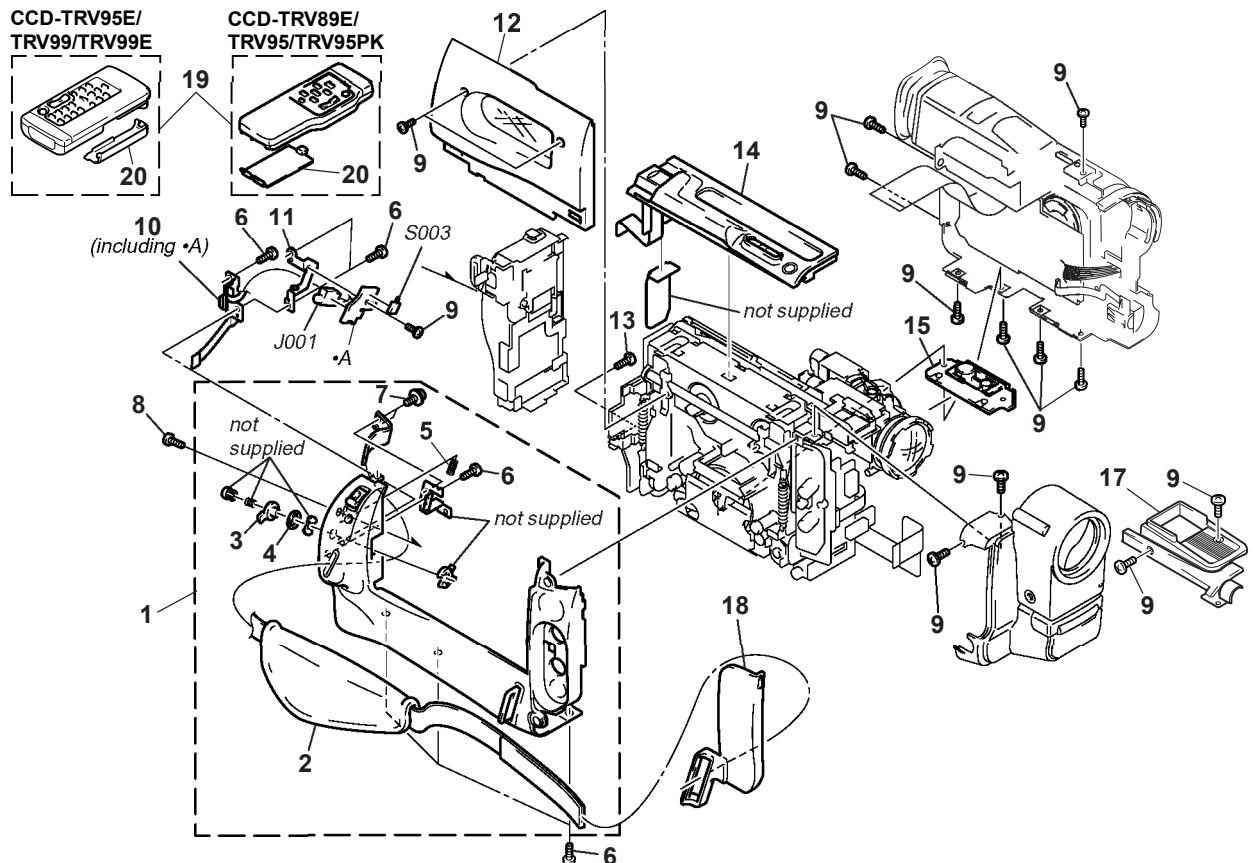
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation

AUS : Australian model
CN : Chinese model
CND : Canadian model
JE : Tourist model
HK : Hong Kong model

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

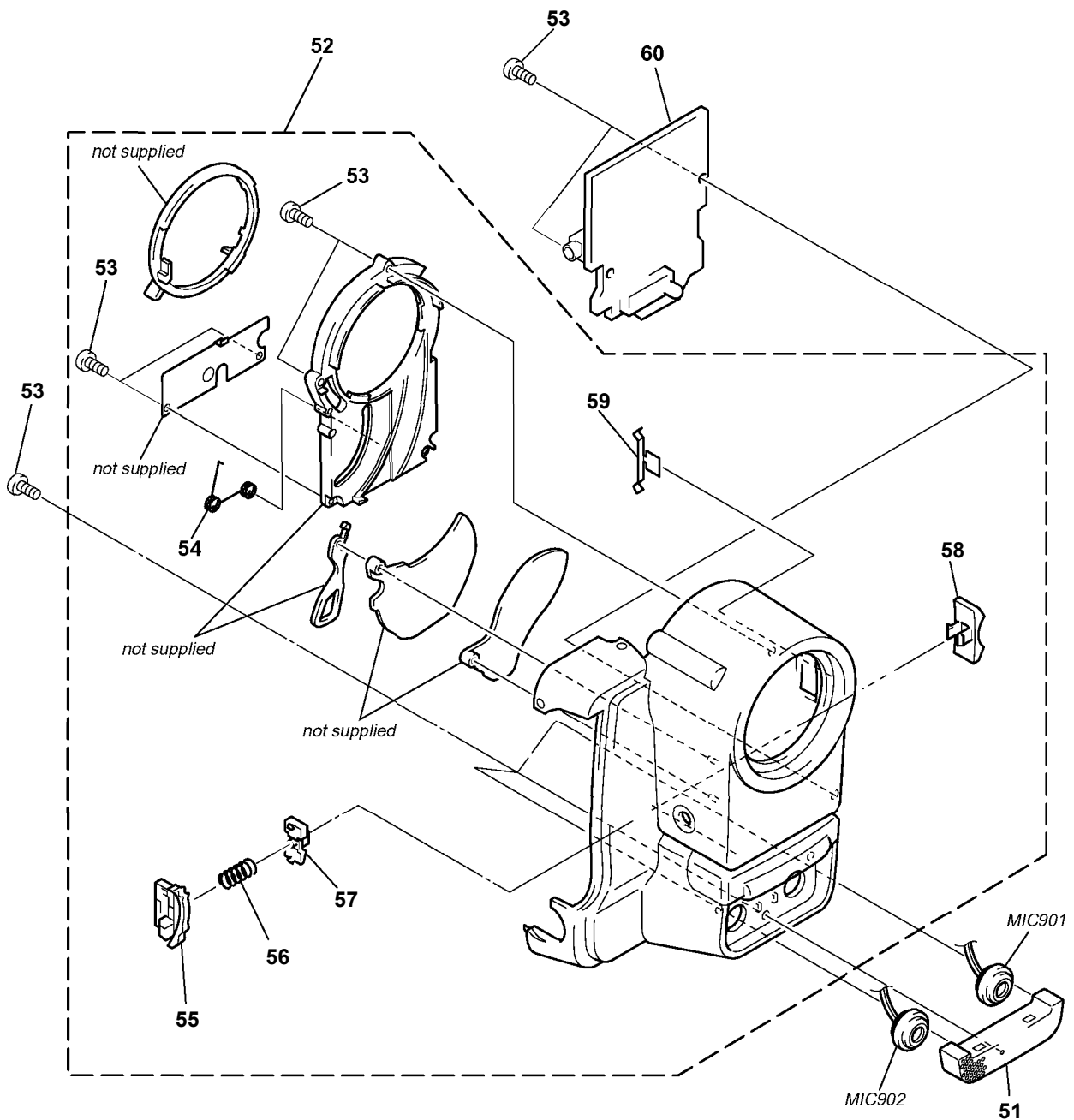
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1-1. CABINET (L) BLOCK ASSEMBLY



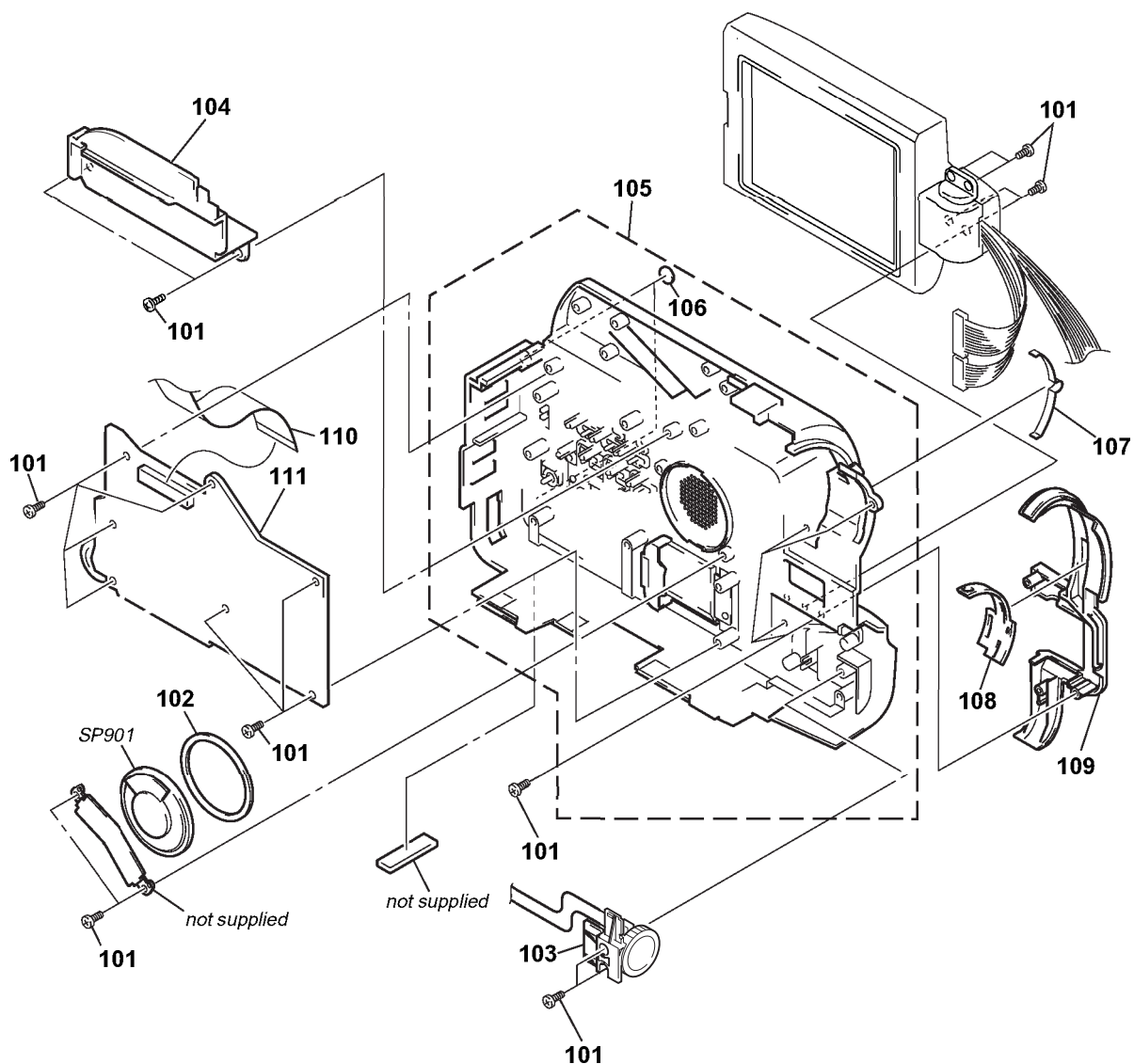
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-3948-315-1	CABINET (L) ASSY		13	3-713-786-21	SCREW (M2X3)	
2	3-969-339-31	BELT, GRIP		14	1-475-618-11	SWITCH BLOCK, CONTROL(FK-8500)(TRV95E)	
3	3-969-081-01	KNOB, STAND-BY		14	1-475-618-21	SWITCH BLOCK, CONTROL(FK-8500)(TRV89E)	
4	3-970-854-01	SPRING, STAND-BY		14	1-475-618-41	SWITCH BLOCK, CONTROL(FK-8500)	
5	3-302-492-00	SPRING, COMPRESSION				(EXCEPT TRV89E/TRV95E)	
6	3-948-339-61	TAPPING		15	3-987-717-01	SCREW, TRIPOD	
7	3-679-362-11	SCREW		17	3-988-725-01	CABINET (S)(890)	
8	3-962-826-01	SCREW (2X4)		18	3-975-522-01	COVER, JACK	
9	3-968-729-01	SCREW (M2), LOCK ACE, P2		19	8-917-593-90	REMOTE COMMANDER	
10	1-475-619-11	SWITCH BLOCK, CONTROL (SS-8500)	(TRV95/TRV95PK)			(RMT-717)(TRV95E/TRV99/TRV99E)	
10	1-475-619-21	SWITCH BLOCK, CONTROL (SS-8500)	(EXCEPT TRV95/TRV95PK)	19	1-467-574-21	REMOTE COMMANDER (RMT-708)	
* 11	3-975-532-01	HOLDER, EL				(TRV89E/TRV95/TRV95PK)	
12	X-3947-199-1	LID ASSY, CASSETTE (TRV95:US,CND/TRV99)		20	3-958-131-01	LID, BATTERY CASE (for RMT-708)	
12	X-3948-331-1	LID ASSY, CASSETTE	(TRV89E/TRV95E,JE/TRV95E/TRV95PK/TRV99E)	20	3-742-854-01	LID, BATTERY CASE (for RMT-717)	
				J001	1-565-276-31	JACK, ULTRA SMALL 1P (LANC)	
				S003	1-572-688-11	SWITCH, PUSH (1 KEY)(EJECT)	

6-1-2. FRONT PANEL ASSEMBLY



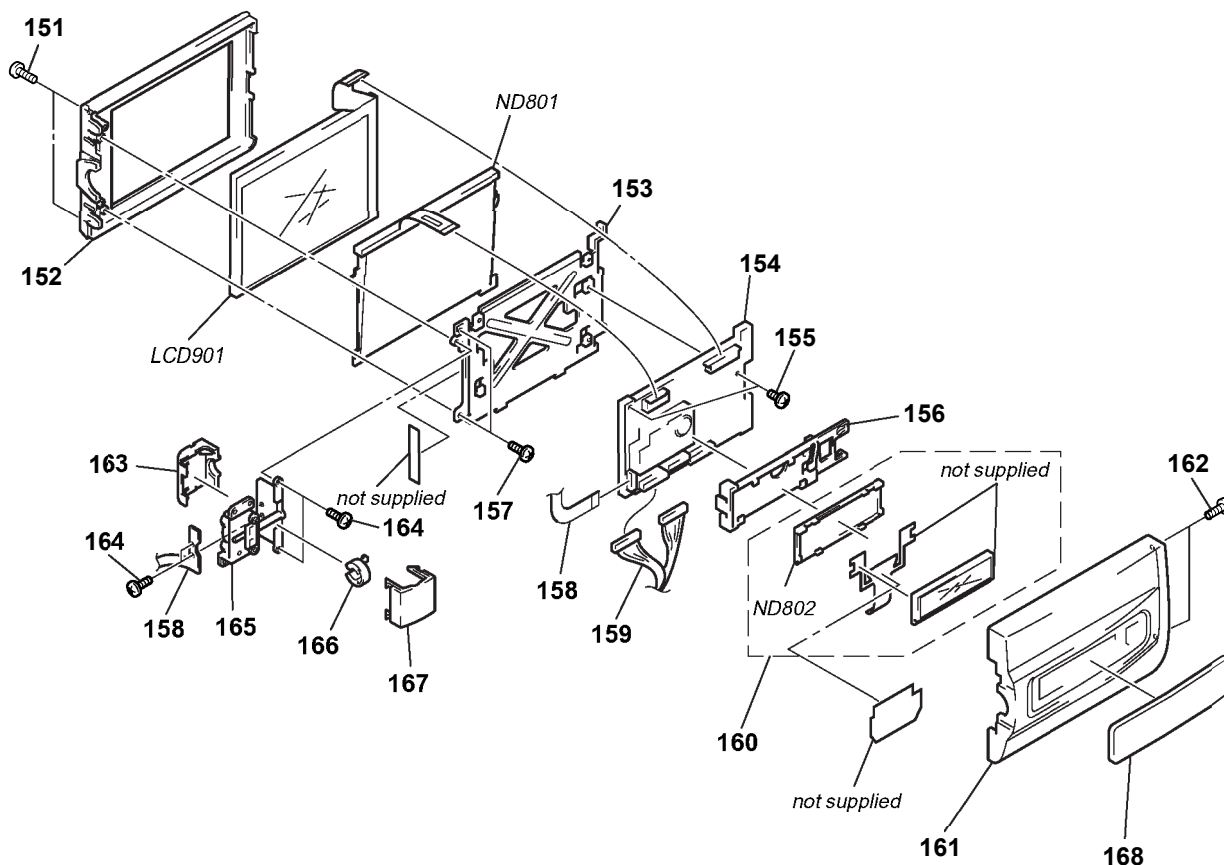
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3948-501-1	GRILLE (890) ASSY, MICROPHONE		57	3-987-633-01	BUTTON, LOCK (TRV89E/TRV95E)	
52	X-3948-548-1	PANEL (890) ASSY, FRONT (TRV95E)		58	3-987-631-01	KNOB, P (TRV89E/TRV95E)	
52	X-3948-549-1	PANEL (890) ASSY, FRONT (EXCEPT TRV89E/TRV95E)		59	3-987-642-01	SPRING, CLICK (TRV89E/TRV95E)	
52	X-3948-550-1	PANEL (890) ASSY, FRONT (TRV89E)		60	A-7073-540-A	MA-313(VHI) BOARD, COMPLETE (EXCEPT TRV89E/TRV95E)	
53	3-948-339-61	TAPPING		60	A-7073-560-A	MA-313(VH0) BOARD, COMPLETE (TRV89E/TRV95E)	
54	3-976-621-01	SPRING, TORSION (TRV89E/TRV95E)		MIC901	1-542-312-11	MICROPHONE (L-CH)	
55	3-987-632-01	HOLDER, P KNOB (TRV89E/TRV95E)		MIC902	1-542-312-11	MICROPHONE (R-CH)	
56	3-973-619-01	SPRING, COMPRESSION (TRV89E/TRV95E)					

6-1-3. CABINET (R) BLOCK ASSEMBLY



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-948-339-61	TAPPING		105	X-3948-514-1	CABINET (R)(893) ASSY (TRV99E)	
102	3-965-367-01	SPACER, SP		106	3-959-978-02	CUSHION, PANEL (EXCEPT TRV95/TRV95PK)	
103	1-475-620-11	SWITCH BLOCK, CONTROL(MF-8500)		107	3-987-739-01	SPRING, LINK PLATE	
104	X-3948-515-1	BASE (4) ASSY, VF		108	3-987-744-11	KNOB, IR	
105	X-3948-510-1	CABINET (R)(894U) ASSY (TRV95:US.CND)		109	3-988-807-01	COVER (890), IR	
105	X-3948-511-1	CABINET (R)(894E) ASSY (TRV95:E,JE/TRV95PK)		110	1-783-240-11	CABLE, FLEXIBLE FLAT (FCC-236)	
105	X-3948-512-1	CABINET (R)(889) ASSY (TRV95E/TRV99)		111	A-7073-541-A	CF-52(VCR) BOARD, COMPLETE (EXCEPT TRV89E)	
105	X-3948-513-1	CABINET (R)(890) ASSY (TRV89E)		111	A-7073-570-A	CF-52(VR) BOARD, COMPLETE (TRV89E)	
				SP901	1-504-753-21	SPEAKER (2.8CM)	

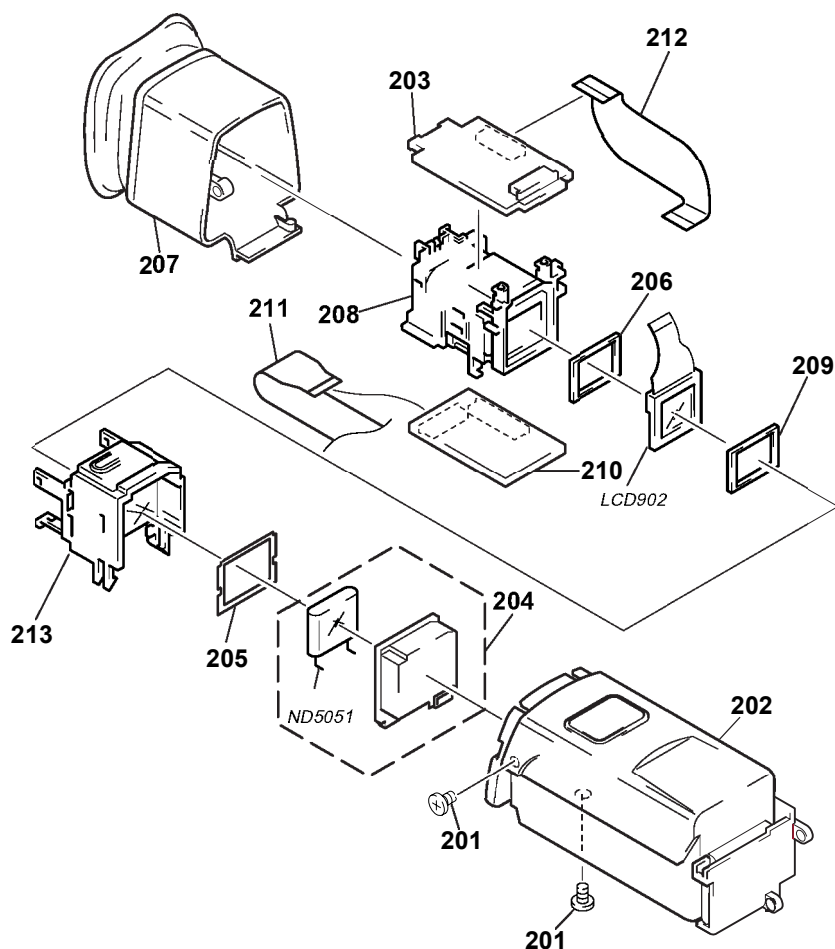
6-1-4. LCD BLOCK ASSEMBLY



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.
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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	3-948-339-11	SCREW, TAPPING		165	X-3948-169-1	HINGE ASSY	
152	3-988-418-01	CABINET (M)(890), P		166	3-987-623-01	CLAMP, HARNESS	
153	3-988-419-01	FRAME (890), PANEL		167	3-988-726-01	COVER (C)(890), HINGE	
154	A-7073-542-A	PD-93(SN4) BOARD, COMPLETE		168	3-988-423-11	WINDOW (890), LCD (TRV95E)	
155	3-713-786-21	SCREW (M2X3)		168	3-988-423-21	WINDOW (890), LCD (TRV95/TRV95PK)	
156	3-987-597-01	HOLDER (885), LCD		168	3-988-423-31	WINDOW (890), LCD (TRV99)	
157	3-948-339-61	TAPPING		168	3-988-423-41	WINDOW (890), LCD (TRV99E)	
158	1-668-963-41	FP-642 FLEXIBLE BOARD		168	3-988-423-51	WINDOW (890), LCD (TRV89E)	
159	1-958-332-11	HARNESS (DP-71)		LCD901	1-803-034-21	INDICATOR MODULE, LIQUID CRYST (TRV89E/TRV95E/TRV95PK/TRV99/TRV99E)	
160	A-7093-486-A	INDICATION LCD BLOCK ASSY (TRV89E:E,HK,AUS,JE/TRV95/TRV95E/TRV95PK/TRV99/TRV99E)		LCD901	1-803-039-21	INDICATOR MODULE, LIQUID CRYST (TRV95/TRV95PK/TRV99)	
160	A-7093-717-A	INDICATION LCD BLOCK ASSY (TRV89E:CN)		$\triangle$ ND801	1-517-755-11	TUBE, FLUORESCENT,COLD CATHODE	
161	X-3948-450-1	CABINET (C)(890) ASSY, P		$\triangle$ ND802	1-517-759-11	LIGHT, BACK	
162	3-962-826-01	SCREW (2X4)					
163	3-987-625-11	COVER (M), HINGE					
164	3-948-339-01	SCREW, TAPPING					

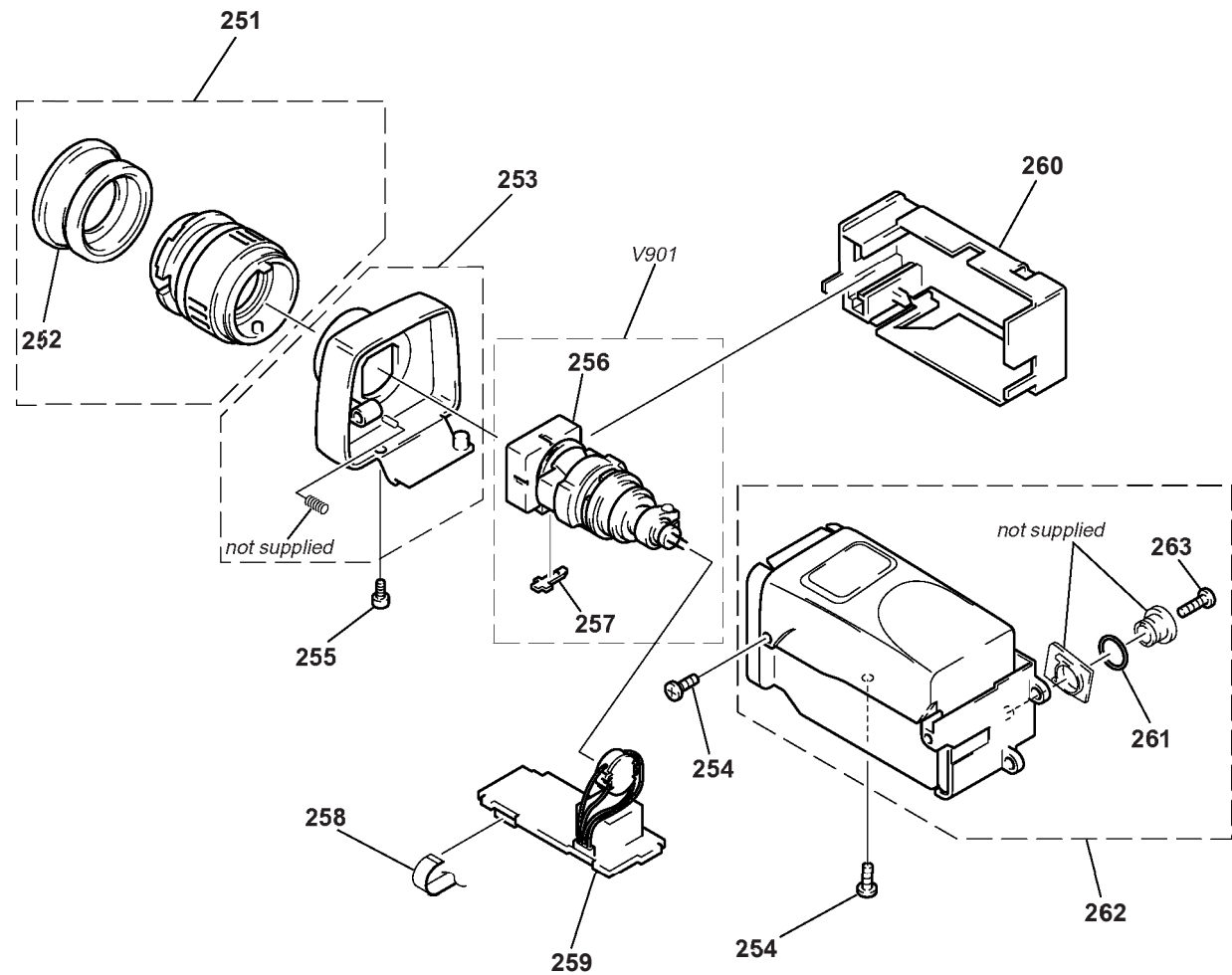
6-1-5. EVF BLOCK (COLOR EVF)(EXCEPT TRV89E)



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.
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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	3-968-729-61	SCREW (M2X3), LOCK ACE, P2 (TRV89E:CN)		* 209	3-960-302-11	CUSHION (1), LCD	
202	X-3947-186-1	CABINET ASSY (C), EVF FRONT		210	A-7073-537-A	VF-122 BOARD, COMPLETE	
203	A-7073-538-A	VF-123 BOARD, COMPLETE		213	X-3946-709-2	HOLDER ASSY (BLACK), PRISM	
204	A-7073-539-A	LB-56 BOARD, COMPLETE		211	1-669-060-11	FP-639 FLEXIBLE BOARD	
* 205	3-969-923-01	CUSHION, BACK LIGHT		212	1-665-149-11	FP-530 FLEXIBLE BOARD	
* 206	3-969-924-01	CUSHION (Y), LCD		LCD902	8-753-023-37	LCX024AK-4/5 COMPLE	
207	X-3948-516-1	CABINET ASSY (C)(892), REAR		$\triangle$ ND5051	1-517-414-51	FLUORESCENT TUBE (0.55 INCH)	
208	X-3947-193-1	LENS ASSY, VF					

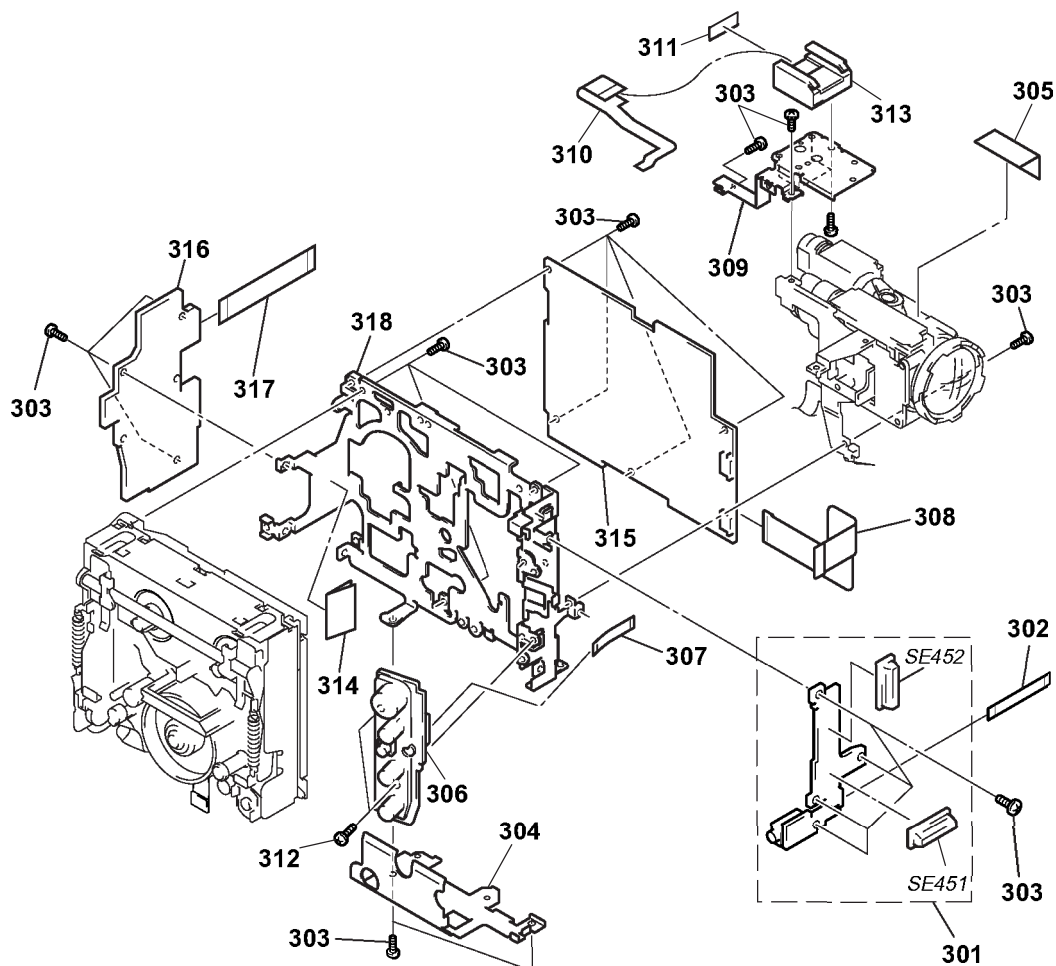
6-1-6. EVF BLOCK (B/W EVF)(TRV89E)



The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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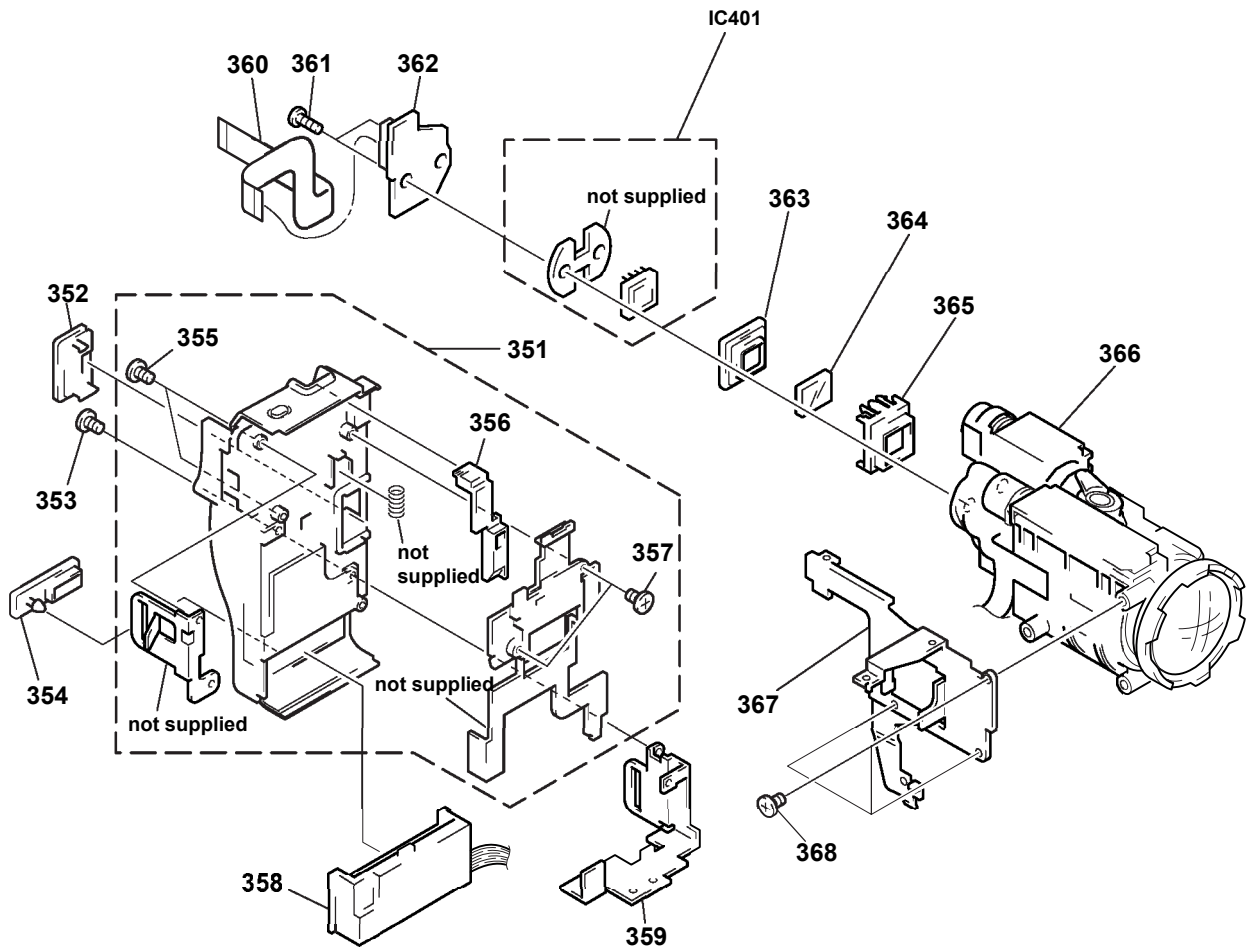
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	X-3944-966-1	FINDER ASSY		258	1-783-241-11	CABLE, FLEXIBLE FLAT (FFC-235)	
252	3-963-391-01	EYE CUP		259	A-7056-774-A	VF-99(HP) BOARD, COMPLETE	
253	X-3947-216-1	CABINET (B/W) ASSY, EVF REAR		260	X-3947-217-2	RETAINER, CRT	
254	3-948-339-01	SCREW, TAPPING		261	3-976-791-01	ORING(6.5x3.9x1.3)	
255	3-975-898-01	SCREW (T), F LOCK		262	X-3947-250-1	CABINET ASSY (B/W), EVF FRONT	
256	3-977-292-01	CRT MASK		263	3-948-339-11	TAPPING	
257	3-725-130-01	COVER, HIGH VOLTAGE		Δ V901	1-452-673-31	CRT ASSY (M01KXX90WB)	

6-1-7. MAIN BOARDS ASSEMBLY



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	A-7073-536-A	SE-74(VH) BOARD, COMPLETE		315	A-7093-463-A	VC-195(VHCRI0U) BOARD, COMPLETE (TRV99)	
302	1-668-957-11	FP-621 FLEXIBLE BOARD		315	A-7093-464-A	VC-195(VHCI0U) BOARD, COMPLETE (TRV95/TRV95PK)	
303	3-713-786-21	SCREW (M2X3)		315	A-7093-465-A	VC-195(VHCRI0P) BOARD, COMPLETE (TRV99E)	
304	X-3948-224-1	FRAME (B) ASSY, MD (TRV95/TRV95PK/TRV99)		315	A-7093-466-A	VC-195(VHCROE) BOARD, COMPLETE (TRV95E)	
304	3-987-675-01	FRAME (B) , MD (TRV89E/TRV95E/TRV99E)		315	A-7093-733-A	VC-195(VHROE) BOARD, COMPLETE (TRV89E)	
* 305	3-989-122-01	SHEET, LENS INSULATING		316	A-7073-481-A	DD-105(VHI) BOARD, COMPLETE (TRV89E)	
306	A-7073-535-A	PJ-85(H) BOARD, COMPLETE		316	A-7073-533-A	DD-105(VHCI) BOARD, COMPLETE (TRV95-E,JE/TRV95E/TRV95PK/TRV99E)	
307	1-668-956-11	FP-620 FLEXIBLE BOARD		316	A-7073-571-A	DD-105(VHCIF) BOARD, COMPLETE (TRV95:US,CND/TRV99)	
308	1-668-960-11	FP-629 FLEXIBLE BOARD		317	1-668-958-11	FP-622 FLEXIBLE BOARD	
309	3-988-814-01	BRACKET (890), SHOE		318	3-987-711-01	FRAME (A), MD	
310	1-669-057-11	FP-634 FLEXIBLE BOARD					
311	2-532-810-00	CUSHION, 15X5X0.3					
312	3-948-339-61	TAPPING					
313	1-774-867-31	CONNECTOR,EXTERNAL(HOT SHOE)8P					
*314	3-987-716-01	PROTECTOR, LS FLEXIBLE					

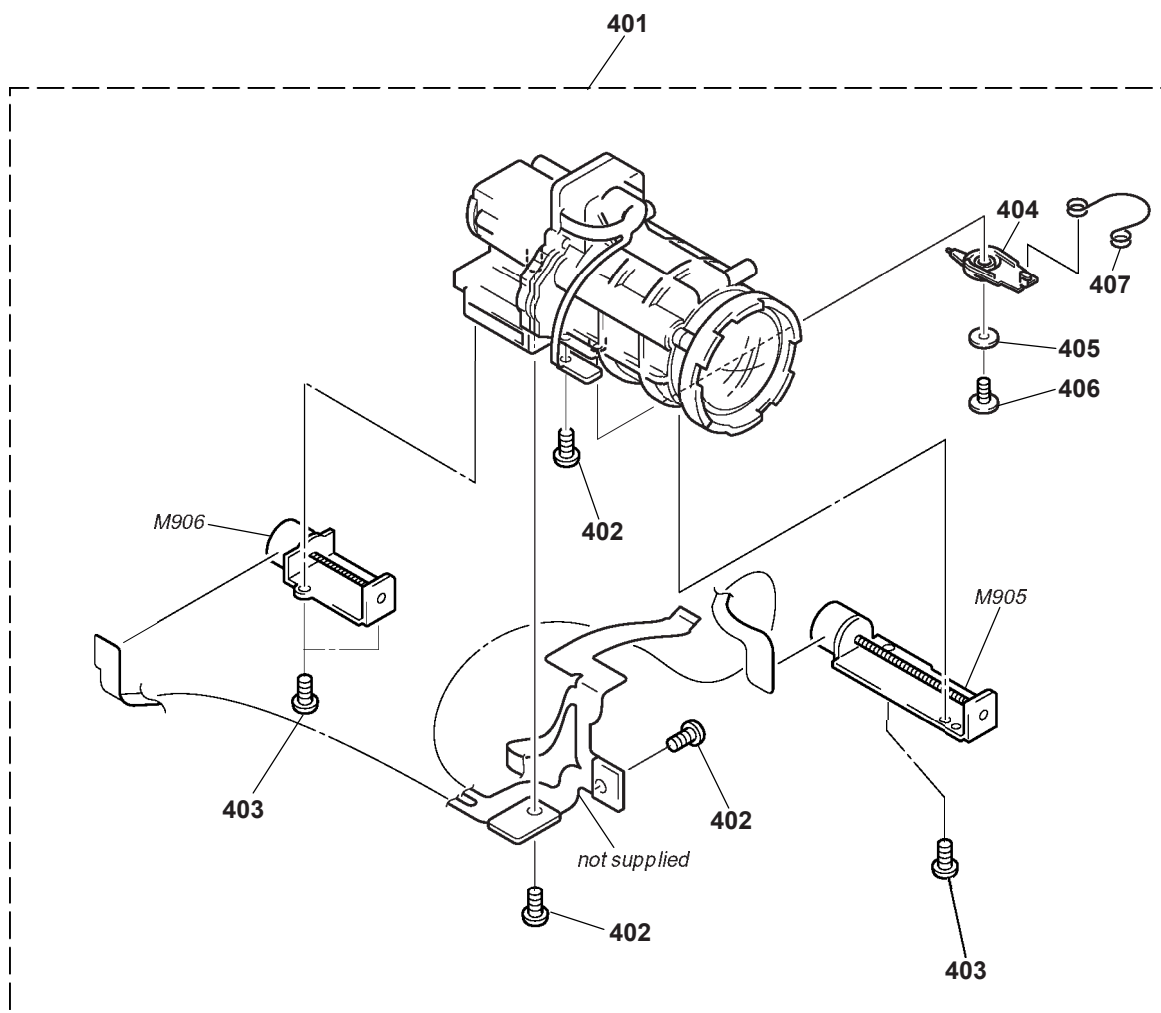
6-1-8. BATTERY PANEL AND CCD BLOCK ASSEMBLY



Be sure to read Note on the CCD Imager replacement on page 4E9 when changing the CCD imager.

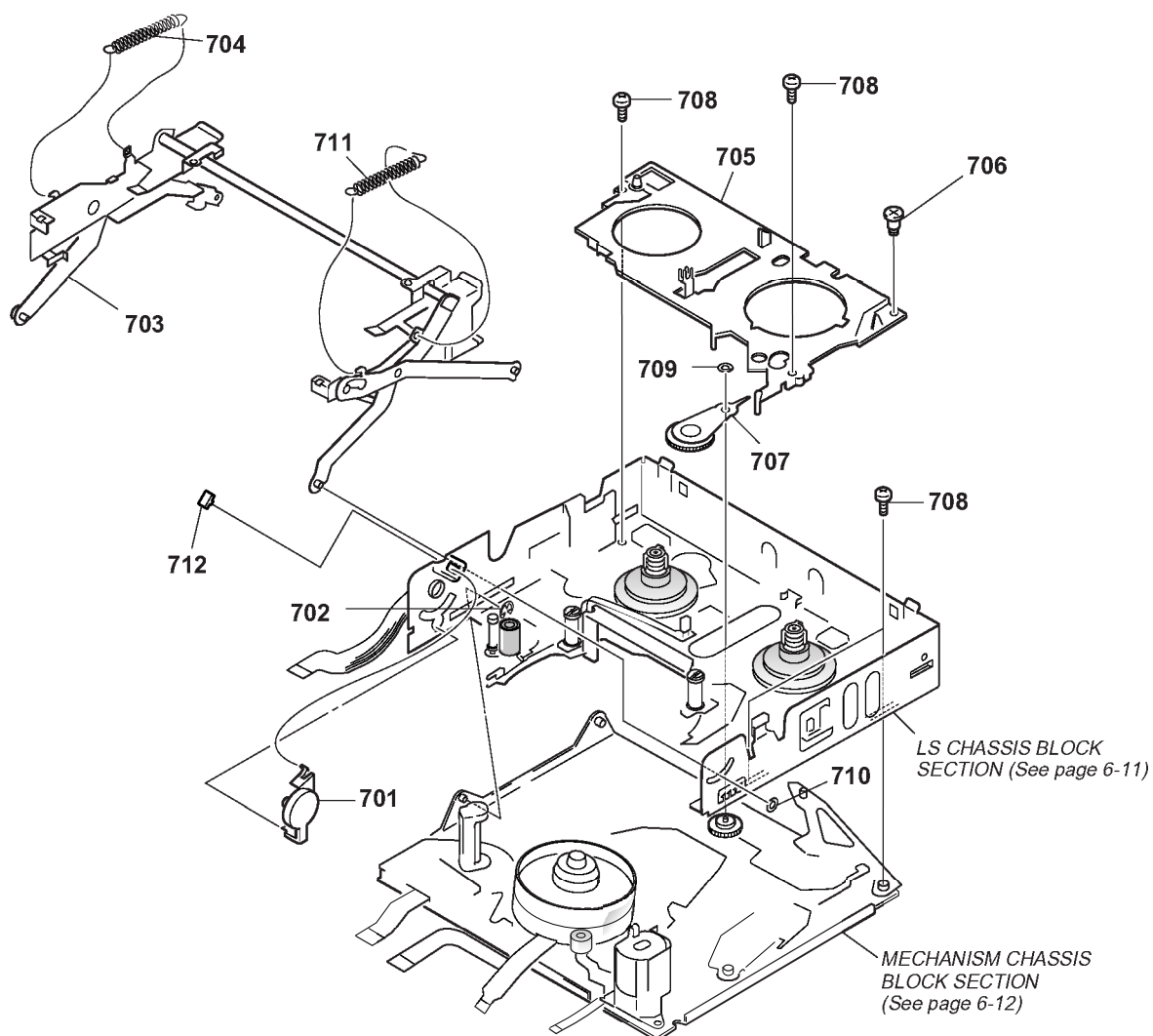
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
351	X-3948-176-1	PANEL ASSY, BATTERY (TRV95/TRV95PK)		360	1-669-582-11	FP-624 FLEXIBLE BOARD	
351	X-3948-177-1	PANEL ASSY, BATTERY (EXCEPT TRV95/TRV95PK)		361	3-318-203-11	SCREW (B1.7X6), TAPPING	
352	3-975-752-01	LID (BT), CPC		362	A-7073-534-A	CD-190 BOARD, COMPLETE	
353	3-962-826-01	SCREW (2X4)		363	3-968-054-11	RUBBER (FM), SHIELD	
* 354	3-987-683-01	LID, BATTERY		364	1-758-084-21	FILTER BLOCK, OPTICAL	
355	3-968-729-61	SCREW (M2X3), LOCK ACE, P2		365	3-978-981-11	ADAPTOR (FK), CCD FITTING	
356	3-987-656-01	LCD, JACK		366	8-848-722-01	DEVICE, LENS LSV-600A(SOC)	
357	3-713-791-51	SCREW (M1.7X3.5), TAPPING, P2		367	3-988-813-01	FRAME (890), LENS	
358	1-694-384-11	TERMINAL BOARD, BATTERY		368	3-948-339-61	TAPPING	
359	3-987-679-01	SHEET METAL (LOWER), STRAP		IC401	A-7030-865-ACC	CD BLOCK ASSY(209 SERVICE)(CCD IMAGER) (TRV95/TRV95PK/TRV99)	
				IC401	A-7030-871-ACC	CD BLOCK ASSY(211 SERVICE)(CCD IMAGER) (TRV89E/TRV95E/TRV99E)	

6-1-9. DEVICE LENS (LSV-600A)



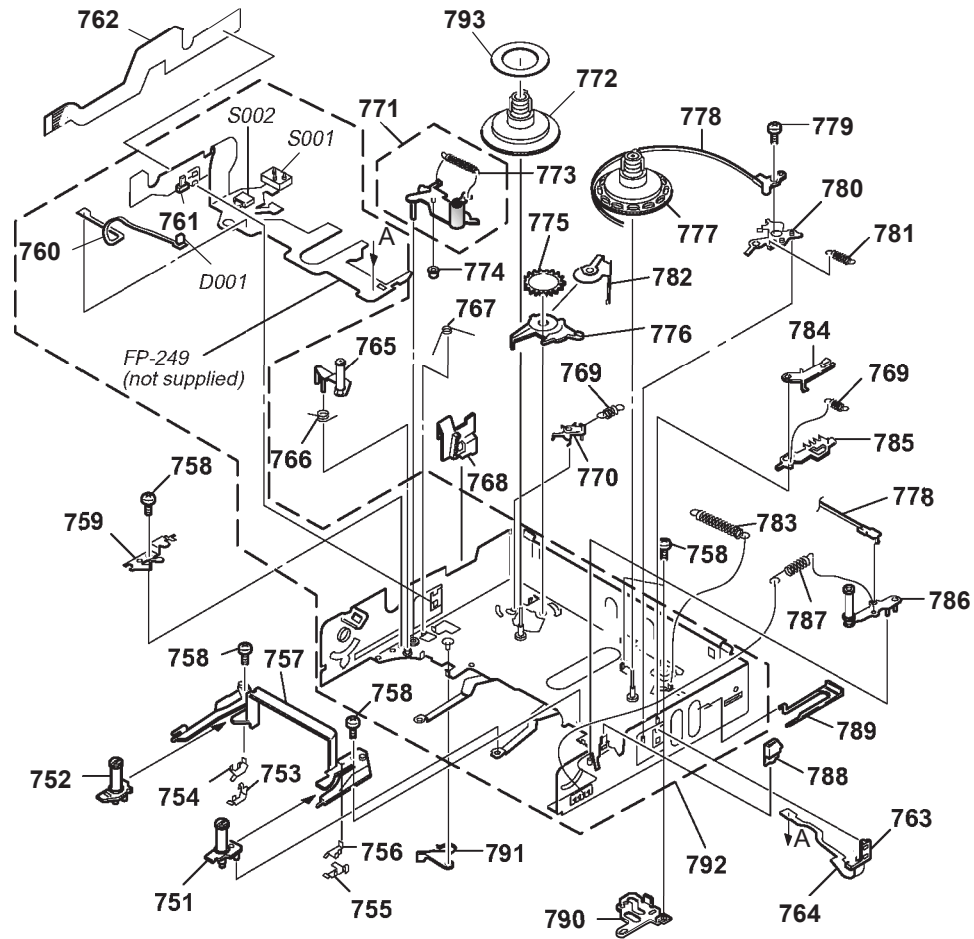
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
401	8-848-722-01	DEVICE, LENS LSV-600A(SOC)(NIGHT SHOT)					
402	3-713-791-51	SCREW (M1.7X3.5),TAPPING,P2					
403	3-713-791-41	SCREW (M1.7X5),TAPPING,PS					
404	3-979-029-01	LEVER,IR					
405	2-327-405-01	WASHER					
406	3-623-756-21	SCREW (B1.7X5),P					
407	3-979-037-11	SPRING,RETURN					
M905	1-763-047-11	MOTOR, FOCUS STEPPING					
M906	1-763-046-11	MOTOR, ZOOM STEPPING					

6-1-10. CASSETTE COMPARTMENT ASSEMBLY



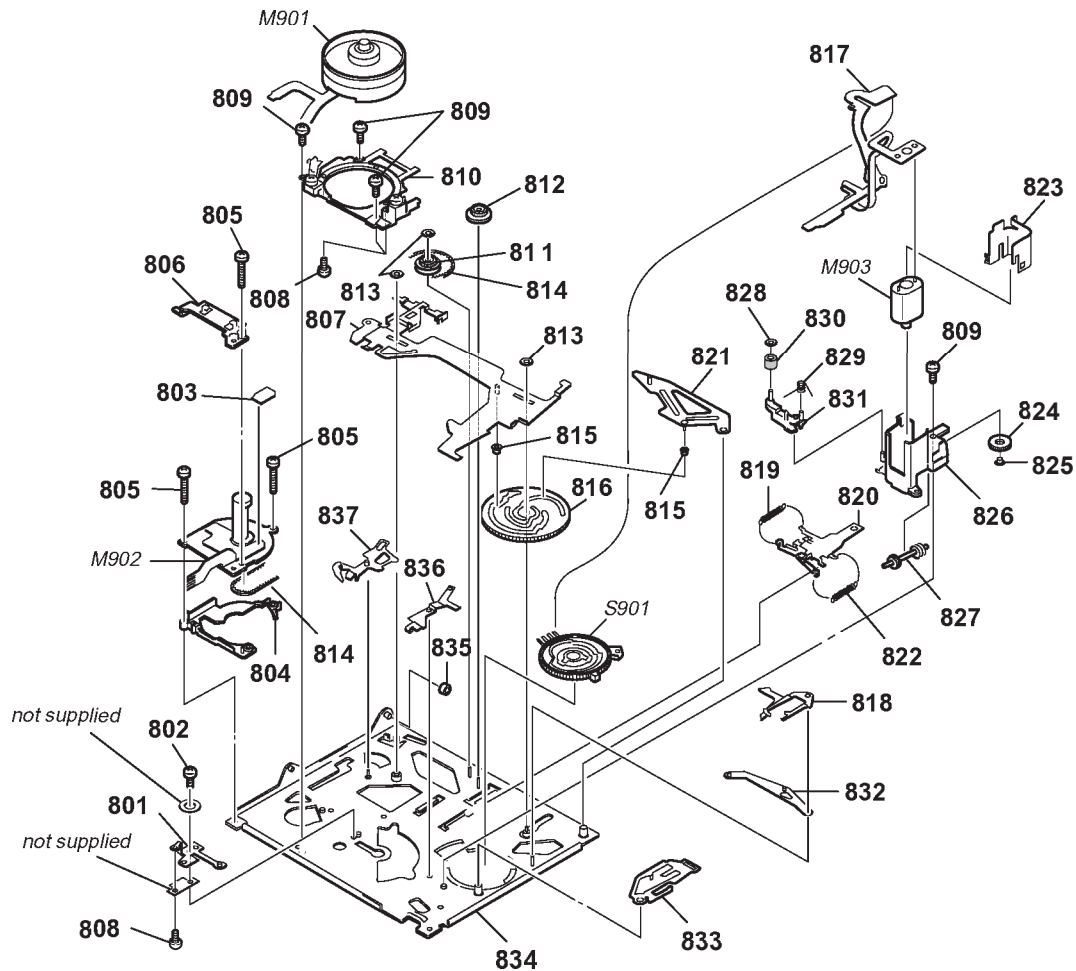
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
701	A-7040-421-A	DAMPER ASSY		708	3-947-503-01	SCREW (M1.4X2.5)	
702	7-624-102-04	STOP RING 1.5, TYPE -E		709	3-331-007-21	WASHER	
703	X-3945-400-X	CASSETTE COMPARTMENT ASSY		710	3-727-176-01	WASHER, STOPPER	
704	3-965-587-03	SPRING, TENSION					
705	3-965-584-08	RETAINER, GOOSENECK		711	3-973-268-01	SPRING, TENSION	
				712	3-971-076-01	FASTENER, D	
706	3-976-055-01	SCREW (M1.4X1)					
707	X-3945-399-1	GEAR ASSY, GOOSENECK					

6-1-11. LS CHASSIS ASSEMBLY



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
751	A-7040-419-A	BASE (S) BLOCK ASSY, GUIDE		775	3-965-563-01	GEAR, T SOFT	
752	A-7040-418-B	BASE (T) BLOCK ASSY, GUIDE		776	3-965-565-01	CLAW, T SOFT	
753	3-965-559-01	STOPPER (T)		777	X-3945-397-1	DECK ASSY, REEL, S	
754	3-965-557-01	STOPPER (T), GB		778	X-3945-396-1	BAND ASSY, TENSION REGULATOR	
755	3-965-558-01	STOPPER (S)		779	3-945-756-01	SCREW (M1.4X3)	
756	3-965-556-01	STOPPER (S), GB		780	3-965-583-01	ARM, RVS	
757	3-965-553-01	RAIL, GUIDE		781	3-965-580-01	SPRING, TENSION	
758	3-947-503-01	SCREW (M1.4X2.5)		782	3-966-384-01	SPRING, T SOFT	
759	3-965-573-01	RETAINER, TG4		783	3-965-578-01	SPRING, TENSION COIL	
760	1-658-213-11	FP-355 FLEXIBLE BOARD		784	3-965-560-01	RATCHET, S	
761	3-965-552-01	HOLDER (T), SENSOR		785	3-965-561-01	PLATE, RELEASE, S RATCHET	
762	1-657-786-13	FP-221 FLEXIBLE BOARD		786	X-3945-395-1	ARM ASSY, TG1	
763	3-965-551-01	HOLDER (S), SENSOR		787	3-965-576-01	SPRING (TG1), TENSION	
764	1-658-214-11	FP-356 FLEXIBLE BOARD		788	3-965-567-01	LID OPEN	
765	A-7040-417-A	ARM BLOCK ASSY, TG4		789	3-965-566-01	COVER, LS GUIDE	
766	3-965-574-01	SPRING, TORSION		* 790	3-965-577-01	PLATE, CAM, LS	
767	3-965-575-01	SPRING (PINCH), TORSION		791	3-965-569-01	ARM, EJ	
768	3-965-568-01	GUIDE, LOCK		792	A-7040-427-A	CHASSIS (S1) ASSY, LS	
769	3-965-562-01	SPRING (RATCHET), TENSION		* 793	3-972-838-01	SPACER, REEL	
770	3-965-581-03	RATCHET, T		D001	8-719-988-42	DIODE GL453	
771	X-3945-394-1	ARM ASSY, PINCH		S001	1-692-614-11	SWITCH, PUSH (3 KEY) (HI8 MP, ME/MP, REC PROOF)	
772	X-3945-398-2	DECK ASSY, REEL, T		S002	1-572-688-11	SWITCH, PUSH (1 KEY)(C.C. LOCK)	
773	3-965-648-01	SPRING (PINCH), TENSION					
774	3-965-579-01	ROLLER, PINCH PRESS					

6-1-12. MECHANISM CHASSIS ASSEMBLY



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
801	X-3947-343-1	GROUND (IM) ASSY, SHAFT		822	3-965-535-01	SPRING (LIMITER ARM S), COIL	
802	3-965-550-02	SCREW (M1.7X1.6)		823	3-965-542-01	SHIELD, MOTOR	
803	1-657-785-11	FP-248 FLEXIBLE BOARD (DEW SENSOR)		824	3-965-539-01	GEAR (A)	
804	3-965-545-01	SPACER, CAPSTAN		825	3-965-538-01	SLEEVE, MOTOR HOLDER	
805	3-965-549-01	SCREW (M1.4 X 6.5)					
806	3-966-349-01	HOLDER, FLEXIBLE		826	3-965-540-01	HOLDER, MOTOR	
807	3-971-644-01	SLIDER (2), M		827	3-965-541-01	SHAFT, WORM	
808	3-971-939-01	SCREW (M1.4)		828	3-321-393-01	WASHER, STOPPER	
809	3-947-503-01	SCREW (M1.4X2.5)		829	3-965-724-01	SPRING, TORSION	
810	A-7040-416-A	BASE BLOCK ASSY, DRUM		830	A-7040-423-A	ROLLER BLOCK ASSY, HC	
811	3-965-527-01	GEAR, CHANGE		831	X-3945-407-1	ARM ASSY, HC ROLLER	
812	3-965-544-01	GEAR, RELAY		832	3-965-531-01	ARM, GL	
813	3-331-007-21	WASHER		833	3-965-530-01	PLATE (2), REGULATOR, TENSION	
814	3-965-546-01	BELT, TIMING		834	X-3947-915-2	CHASSIS ASSY, MECHANICAL	
815	3-965-533-01	ROLLER, LS		835	3-965-526-02	ROLLER, LS GUIDE	
816	3-965-528-01	GEAR, CAM		836	3-965-547-01	ARM, HC DRIVING	
817	1-657-784-11	FP-220 FLEXIBLE BOARD		837	3-965-534-01	PLATE, PRESS, PINCH	
818	3-965-529-01	PLATE, REGULATOR (LIMITER ARM T), COIL		M901	A-7048-851-A	DRUM ASSY (DGH-0D5A-R) (PAL) (TRV89E/TRV95E/TRV99E)	
819	3-965-536-01	SPRING (LIMITER ARM T), COIL		M901	A-7048-842-A	DRUM ASSY (DGH-0E1A-R) (NTSC) (TRV95/TRV95PK/TRV99)	
820	X-3945-388-1	SLIDER ASSY, GL		M902	8-835-531-32	CAPSTAN ASSY	
821	3-965-532-01	ARM, LS		M903	X-3945-401-1	MOTOR ASSY, DC (LOADING)	
				S901	1-762-436-15	SWITCH, ROTARY (ENCODER)	