

Service Manual

Supplement

Compact Disc Player

Compact Disc Player

SL-CH505 SL-CH505X

Please file and use this supplement manual together with the service manual for the below models.

Colour

(K) : Black

Model No.	Service Manual Order No.
SL-CH505 (E)	AD9307220C8
SL-CH505X (GP)	AD9309261A3

Notes: This supplement is intended to provide additional information or corrections to the existing service manual for model No. SL-CH505 or SL-CH505X. Be sure to update your service manual for future reference.

Areas

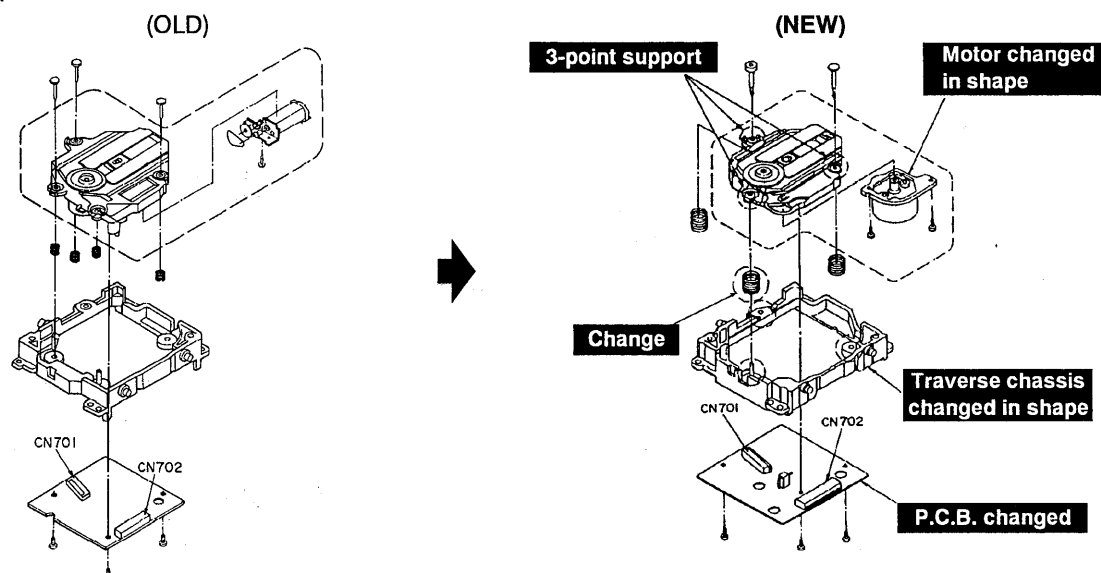
Suffix for Model No.	Area	Colour
(E)	Europe, Asia, Latin America, Middle East, Africa and Oceania	(K)
(GP)	China	

■ Changed of CD unit

With the change of CD unit, the schematic diagram, printed circuit board, loading unit parts location, and replacement parts list have been partly changed.

● MAIN CHANGED POINTS

1. Traverse motor changed in shape.
2. Traverse deck and traverse chassis changed in shape. (OLD = 4-point support, NEW = 3-point support)
3. P.C.B. changed.



⚠ WARNING

This service information is designed for experienced repair technicians only and is designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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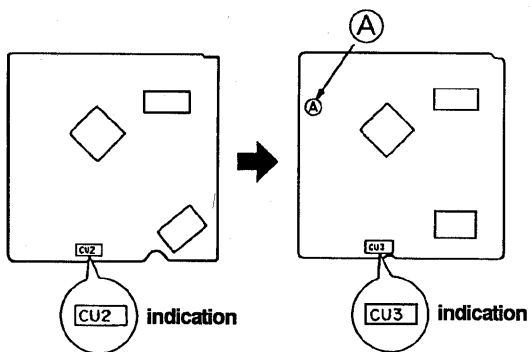
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● HOW TO DISTINGUISH BETWEEN NEW AND OLD CD UNITS

• CD servo P.C.B.

(OLD)

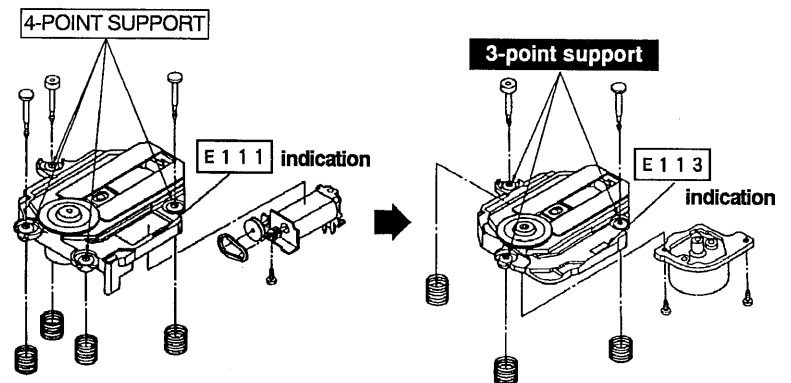
(NEW)



• Traverse deck ass'y

(OLD)

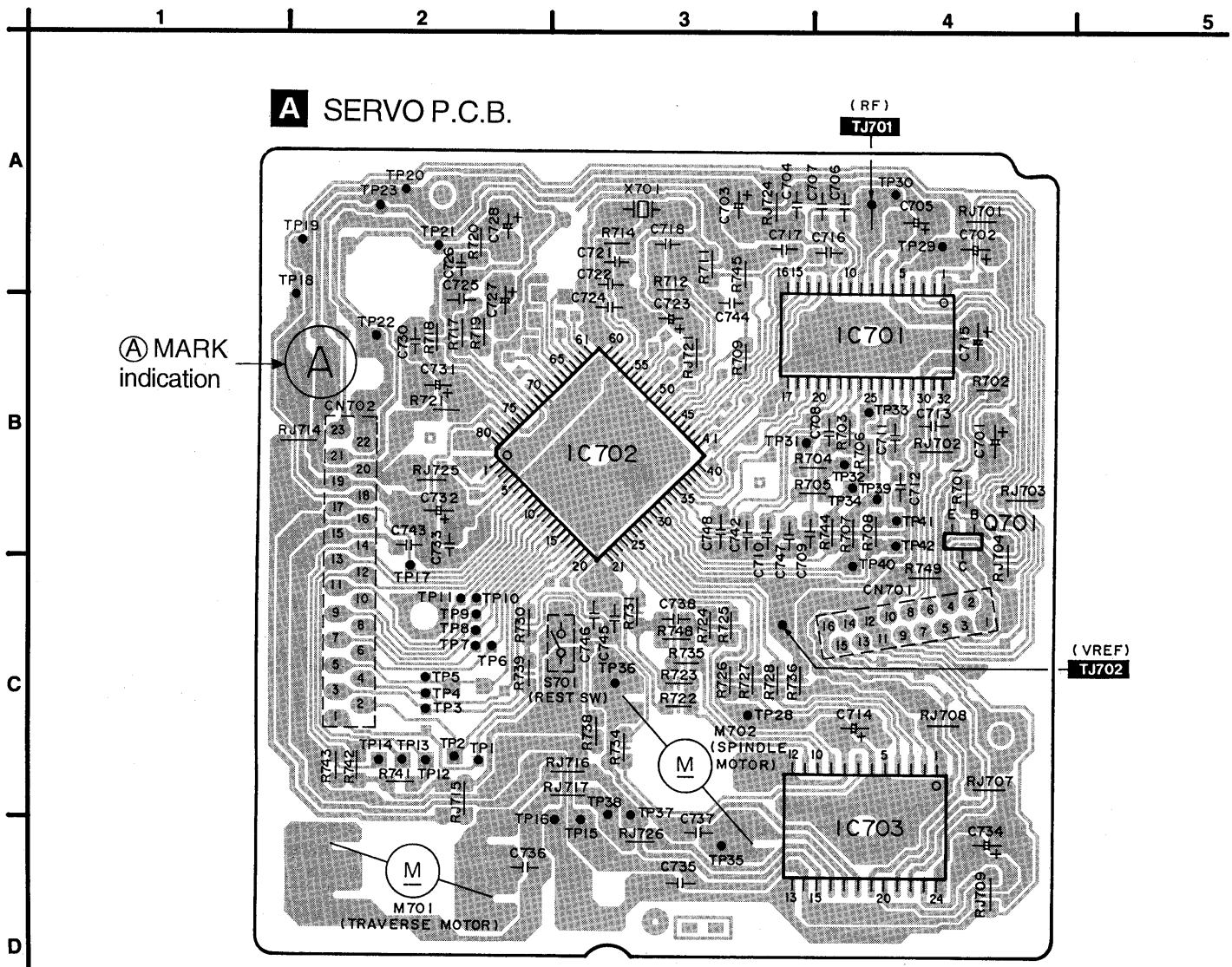
(NEW)



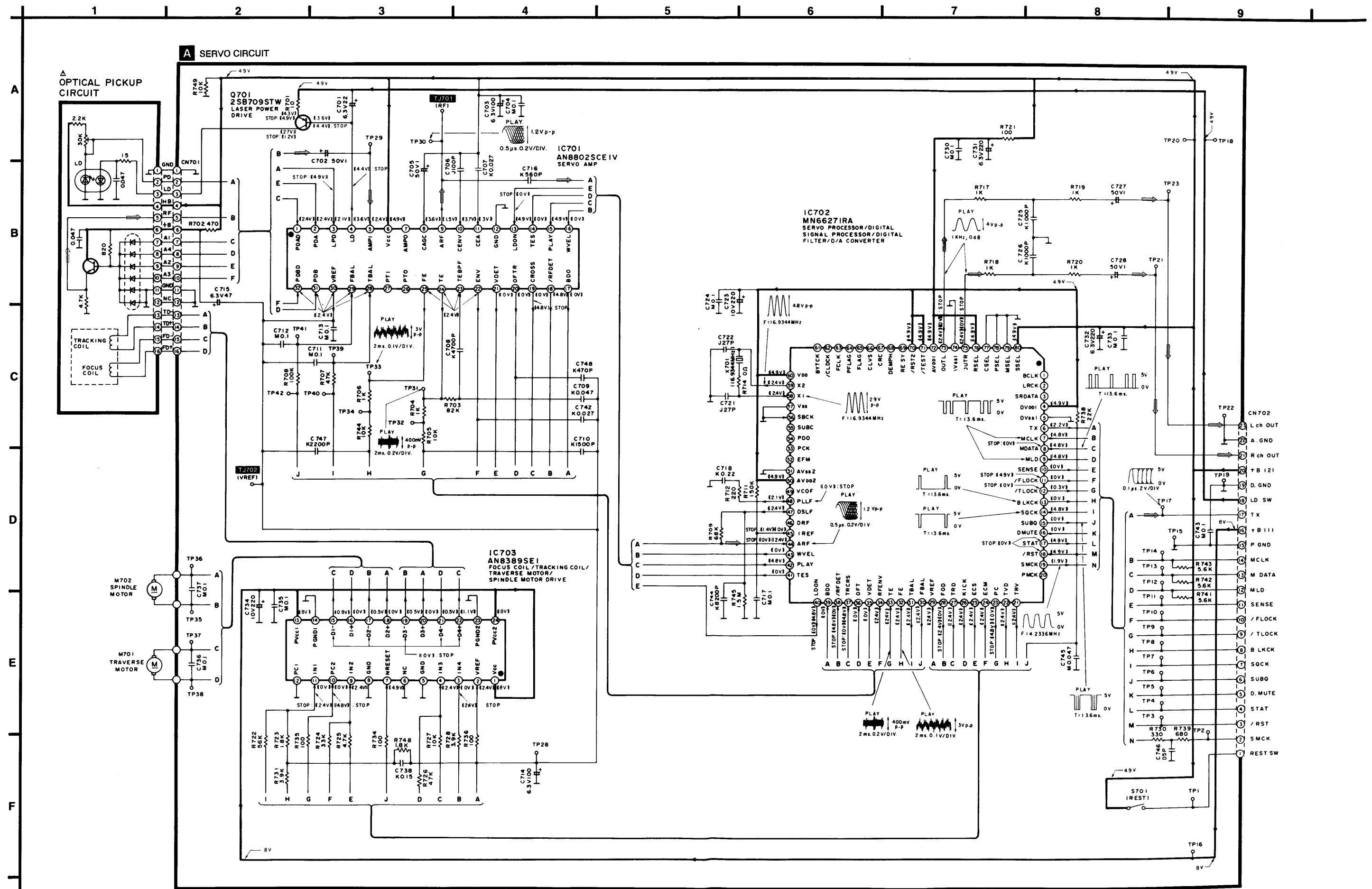
● NEW/OLD COMPATIBILITY

In regard to Traverse deck ass'y, CD servo P.C.B. and traverse chassis, New and Old are not compatible with each other. When repairing, make sure of the New/Old compatibility and use proper parts.

■ Printed Circuit Board Diagram



■ Schematic Diagram



■ Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		<SERVO P. C. B>				OSCILLATOR (S)	
		INTEGRATED CIRCUIT (S)		X701	RSXZ16M9M02T	OSCILLATOR (16.9344MHz)	
IC701	AN8802SCE1V	SERVO AMP				SWICH (ES)	
IC702	MN66271RA	SERVO PROCESSOR		S701	RSM0006-P	REST DETECTOR	
IC703	AN8389SE1	MOTOR DRIVE				CONNECTOR (S) AND SOCKET (S)	
		TRANSISTOR (S)		CN701	RJU035T016-1	SOCKET (16P)	
Q701	ZSB709S	TRANSISTOR		CN702	RJS1A6723-1Q	CONNECTOR (23P)	

Notes : • Capacity values are in microfarads (uF) unless specified otherwise, P = Pico-farads (pF) F = Farads (F)
• Resistance values are in ohms, unless specified otherwise, 1 K = 1,000 (OHM), 1 M = 1,000 k (OHM)

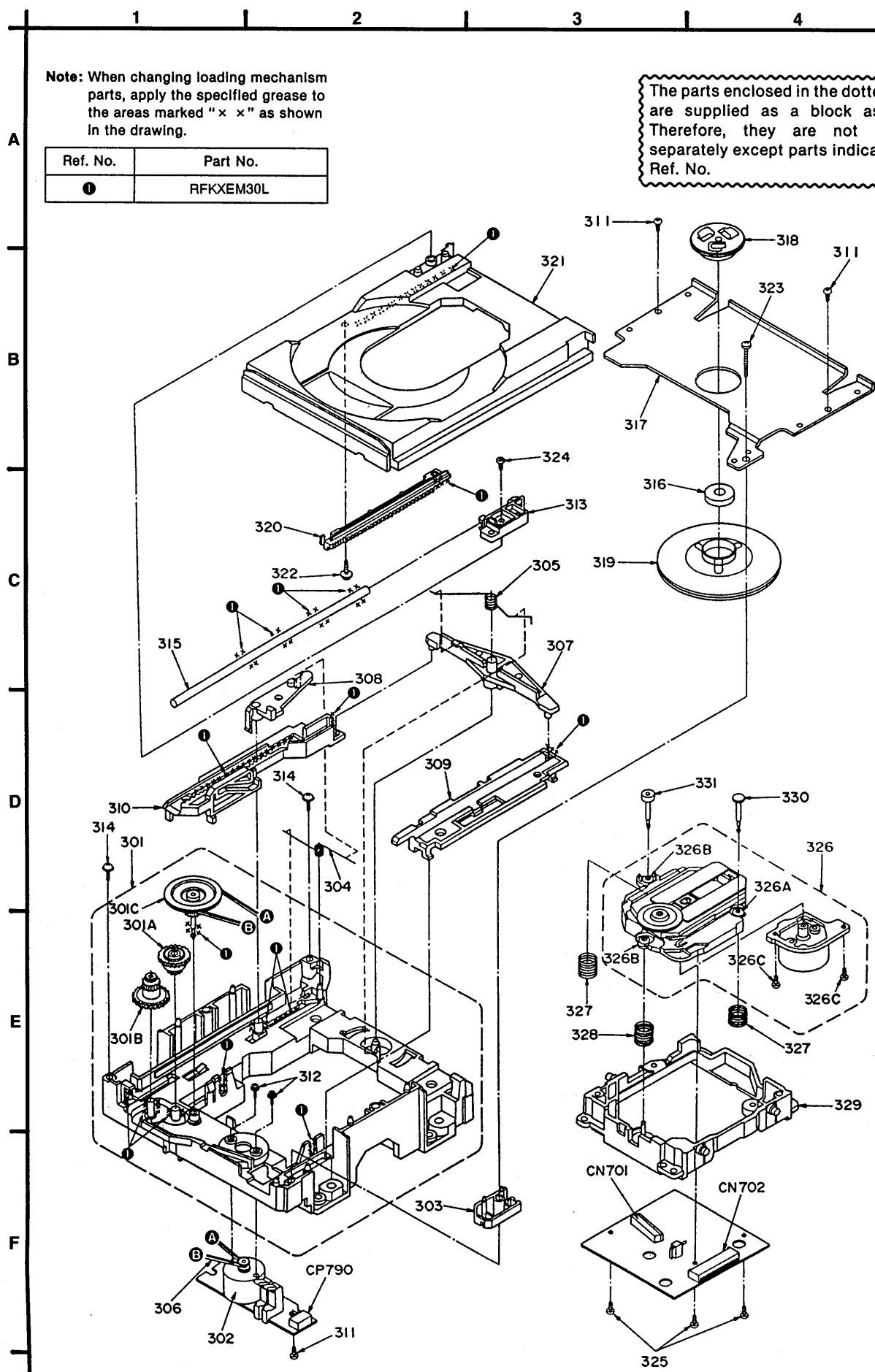
Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
		<SERVO P. C. B. >	R739	ERJ6GEYJ681V	1/10W 680	C711, 712	ECUW1E104ZFN	25V 0.1U
		RESISTORS	R741-743	ERJ6GEYJ562V	1/10W 5.6K	C713	ECUV1C104MBM	16V 0.1U
			R744	ERJ6GEYJ103V	1/10W 10K	C714	ECEA0JKA101I	6.3V 100U
R701	ERJ6GEYJ100	1/10W 10	R745	ERJ6GEYJ155V	1/10W 1.5M	C715	ECEA0JKA470I	6.3V 47U
R702	ERJ6GEYJ471V	1/10W 470	R748	ERJ6GEYJ182V	1/10W 1.8K	C716	ECUE1H561KBN	50V 560P
R703	ERJ6GEYJ823	1/10W 82K	R749	ERJ8GEYJ103V	1/8W 10K	C717	ECUW1E104ZFN	25V 0.1U
R704	ERJ6GEYJ102A	1/10W 1K			CHIP JUMPERS	C718	ECUV1C224KBM	16V 0.22U
R705	ERJ6GEYJ103V	1/10W 10K				C721, 722	ECUE1H270JCN	50V 27P
R706	ERJ6GEYJ102A	1/10W 1K	RJ701-704	ERJ8GEYOR00A	CHIP JUMPER	C723	ECEA1AKA221I	10V 220U
R707	ERJ6GEYJ473V	1/10W 47K	RJ707-709	ERJ8GEYOR00A	CHIP JUMPER	C724	ECUV1C104MBM	16V 0.1U
R708	ERJ6GEYJ104V	1/10W 100K	RJ714-717	ERJ8GEYOR00A	CHIP JUMPER	C725, 726	ECUE1H102KBN	50V 1000P
R709	ERJ6GEYJ683V	1/10W 68K	RJ721	ERJ6GEYOR00A	CHIP JUMPER	C727, 728	ECEA1H10K010I	50V 1U
R711	ERJ6GEYJ154V	1/10W 150K	RJ724-726	ERJ6GEYOR00A	CHIP JUMPER	C730	ECUW1E104ZFN	25V 0.1U
R712	ERJ6GEYJ221V	1/10W 220	R714	ERJ6GEYOR00A	CHIP JUMPER	C731, 732	ECEA0JK221I	6.3V 220U
R717-720	ERJ6GEYJ102A	1/10W 1K				C733	ECUZ1E104MBN	25V 0.1U
R721	ERJ6GEYJ101V	1/10W 100			CAPACITORS	C734	ECEA1AKA221I	10V 220U
R722	ERJ6GEYJ563V	1/10W 56K				C735-737	ECUW1E104ZFN	25V 0.1U
R723	ERJ6GEYJ182V	1/10W 1.8K	C701	ECEA0JKA220	6.3V 22U	C738	ECUV1C154KBN	16V 0.15U
R724	ERJ6GEYJ333V	1/10W 33K	C702	ECEA1HKA010I	50V 1U	C742	ECUV1E273KBN	25V 0.027U
R725	ERJ6GEYJ472V	1/10W 4.7K	C703	ECEA0JKA101I	6.3V 100U	C743	ECUW1E104ZFN	25V 0.1U
R726	ERJ6GEYJ473V	1/10W 47K	C704	ECUZ1E104MBN	25V 0.1U	C744	ECUE1E822KBN	25V 8200P
R727	ERJ6GEYJ103V	1/10W 10K	C705	ECEA1HKA010I	50V 1U	C745	ECUE1C473MBN	16V 0.047U
R728	ERJ6GEYJ392V	1/10W 3.9K	C706	ECUE1H101JCN	50V 100P	C746	ECUE1H050DCN	50V 5P
R730	ERJ6GEYJ331V	1/10W 330	C707	ECUV1E273KBN	25V 0.027U	C747	ECUE1H222KBN	50V 2200P
R731	ERJ6GEYJ392V	1/10W 3.9K	C708	ECUE1H472KBN	50V 4700P	C748	ECUV1H471KBM	50V 470P
R734-736	ERJ6GEYJ101V	1/10W 100	C709	ECUE1C473KBN	16V 0.047U			
R738	ERJ6GEYJ223V	1/10W 22K	C710	ECUE1H152KBN	50V 1500P			

Loading Unit Parts Location

Note: When changing loading mechanism parts, apply the specified grease to the areas marked "x x" as shown in the drawing.

Ref. No.	Part No.
①	RFKXEM30L

The parts enclosed in the dotted boxes are supplied as a block assembly. Therefore, they are not supplied separately except parts indicated with Ref. No.



■ Replacement Parts List

Note 1 in the Remarks column show the changed parts.

New and Original are not compatible.

Use proper parts as required.

Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		LOADING UNIT					
301	RFKJLPG440BK	TRAVERSE CHASSIS ASS'Y		316	RFM245ZA	MAGNET	
301A	RDG0142	INTERMEDIATE GEAR		317	RFKNLPG440GC	CLAMP PLATE ASS'Y	
301B	RDG0193	DRIVE GEAR(1)		318	RMR0334	FIXED PLATE	
301C	RDP0065	INTERMEDIATE PULLEY		319	RXQ0123	MAGNET HOLDER ASS'Y	
302	REM0019	LOADING MOTOR ASS'Y		320	RFKNLPG440-K	DRIVE GEAR(2) ASS'Y	
303	RMA0339	TRAY HOLDER		321	RGQ0088-K1	DISC TRAY	
304	RME0063	LOCK LEVER SPRING		322	RHD20009-1	SCREW	
305	RME0087	ASSISTANCE SPRING		323	XTB3+25GFZ	SCREW	
306	RMG0158	BELT		324	XTN3+8JFZ	SCREW	
307	RML0177	LEVER		325	XTV2+6G	SCREW	
308	RML0178-1	LOCK LEVER		326	RAE0113Z	TRAVERSE DECK ASS'Y	Note 1
309	RMM0059-1	SLIDE PLATE (2)		326A	SHGD112	FLOATING RUBBER(A)	
310	RMM0079	SLIDE PLATE (1)		326B	SHGD113-1	FLOATING RUBBER(B)	
311	XTN26+6G	SCREW		326C	XQS17+A35FZ	SCREW	
312	XYN2+F6FZ	SCREW		327	RME0109	FLOATING SPRING	
313	RDB0036	GUIDE SHAFT HOLDER		328	RME0142	FLOATING SPRING	Note 1
314	RHD20010	SCREW		329	RMR0698-K	TRAVERSE CHASSIS	Note 1
315	RMU0046	GUIDE SHAFT		330	RMS0123-1	FIXED PIN(A)	
				331	RMS0350	FIXED PIN(B)	