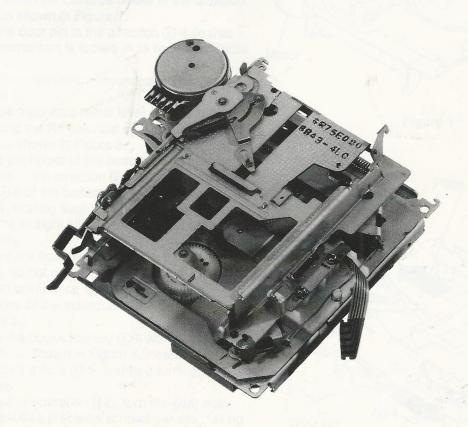
ILPINE SERVICE MANUAL

Exploded View & Parts List For Cassette Deck Mechanism

ADDENDUM & REVISED



GR SERIES

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List of Usable Lock Washers

	SIZE	PARTS NO.	QUANTITY		
1	(M1.2 × 3.5 × 0.25)	04A41345P01	8		
2	$(M1.7 \times 3.5 \times 0.25)$	04A41345P02	1		
3	$(M2.1 \times 5 \times 0.25)$	04A41345P06	Mouse1		
4	$(M1.2 \times 2.5 \times 0.25)$	04A41345P11	8		
5	$(M1.7 \times 3.5 \times 0.35)$	04A41345P12	2		
6	$(M1.2 \times 3.5 \times 0.35)$	04A41345P15	1		
7	$(M1 \times 2.5 \times 0.25)$	04A41345P17	1		
8	$(M2.6\times5\times0.25)$	04A41345P29	1		
9	$(M3.1 \times 8 \times 0.05)$	04A41345P30	1		
10	$(M1.7 \times 3 \times 0.25)$	04A41345P31	. 1		
11	$(M3.1 \times 5 \times 0.35)$	04A41345P32	2		

List of Usable Oil

- 1) Molykote E paste
- 2) Grease EM-30L
- 3) Grease FLOIL 425A

List of Usable Jigs

- GR bottom gear jig (Part No. 44A20788W01)
 Head height adjustment gauge (M-300 or AT-500)

Disassembly, Assembly and Replacement of Functional Parts

1. Disassembly and Assembly of Bottom Cover

- (1) Turn the mechanism around as shown in Figure 1.
- (2) Remove M1 lock washer ① as shown in Figure 1.
- (3) Remove three screws ② as shown in Figure 1.
- (5) When remounting the bottom cover, first turn the front of the mechanism up as shown in Figure 2.
- (6) Slide the slider in the direction (A)-2 as shown in Figure 2.
- (7) Push down the cassette holder in the direction(3) as shown in Figure 2.
- (8) Pull the door pin in the direction (A)-4 so that the mechanism is locked in as shown in Figure 2.
- (9) Turn the mechanism around as shown in Figure 3.
- (10) Pull the automatic metal lever in the direction
 (10) Pull the automatic metal lever in the direction
 (10) Pull the automatic metal lever in the direction
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 (16) Pull the automatic metal lever in the direction
 (16) Pull the automatic metal lever in the direction
 (16) Pull the automatic metal lever in the direction<
- (11) Insert the hooks of the bottom cover into the chassis in the direction (a)-7, and then join the part (a)-8 of the bottom cover to the chassis slowly, making sure that the 3 points indicated with the straight lines in the Figure 3 are fitted properly.
 - If there are troubles in mounting the bottom cover, do not apply force but remove the bottom cover once again and check the positions of the individual parts. (Refer to Figure 3.)
- (12)Since the hooks marked (a)-8 will be lifted slightly as shown in Figure 4, insert the jig through the hole (a)-9, and fix it turning the jig slightly.
 - Instead of operation (12), turn the gear nose slowly with a precision screwdriver etc., taking care not to damage it.
 - After 2 to 3 turns, it will click into place. (Refer to Figure 4 and 5.)
- (13) Fix the screws and the lock washer that have been removed.

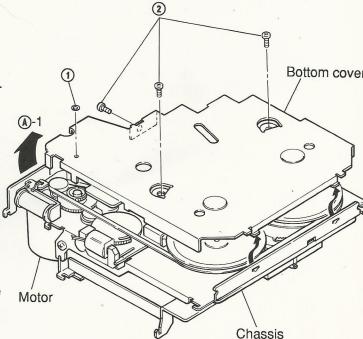


Figure 1

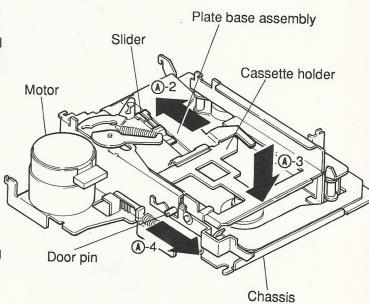


Figure 2

(14)Insert the jig into the hole (A)-9 as shown in Figure and rotate the eject solenoid counterclockwise about 20 times, pulling it in the direction (A)-10 with the finger.

Then the eject operation is completed.

Instead of operation (14), the eject operation can be performed by mounting the mechanism to the product. (Refer to Figures 4 and 5.)

Note: Do not reuse the used lock washers for mounting.

When turning the mechanism, be careful not to drop the gear and the flywheel. Fasten the three screws with a fastening torque of 6 kg/cm.

Automatic metal Tip lever

Automatic metal Tip lever

Motor

Belt

Chassis

Figure 3

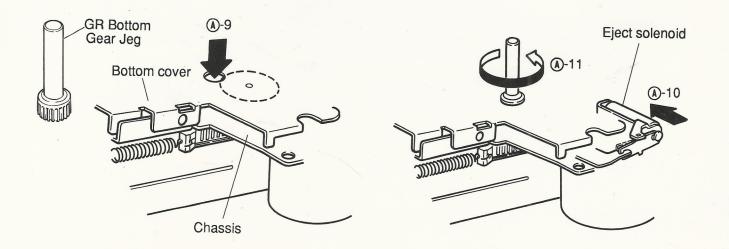


Figure 4

Figure 5

2. Replacement of the bottom cover mounting parts

- a. Replacement of the eject gear
 - (1) Remove M1.2 lock washer ③ as shown in Figure 6.
 - (2) Pull the eject pinion out of the eject gear and remove the eject gear as shown in Figure 6.
 - (3) Apply the molykote E paste to the section (B-1, and mount the eject gear following the removal steps in the reverse order. After replacement is finished, make sure that the gear rotates smoothly. (Refer to Figure 6.)

Note: Do not reuse the used lock washers for remounting.

Take care to avoid damage by piercing and tearing.

- b. Replacement of the RF solenoid
 - (1) Remove two solders (4) and remove the RF solenoid from the bottom cover by pulling it up as shown in Figure 6.
 - (2) Replace the solenoid with a new one, and remount it following the removal steps in the reverse order as shown in Figure 6.

Note: When removing solder (4), set the temperature of the soldering iron to 350° +/- 10° and the soldering time to 1 – 3 seconds. Take care that the solder is not loose, that there is no shortcircuit and that the coating is not damaged.

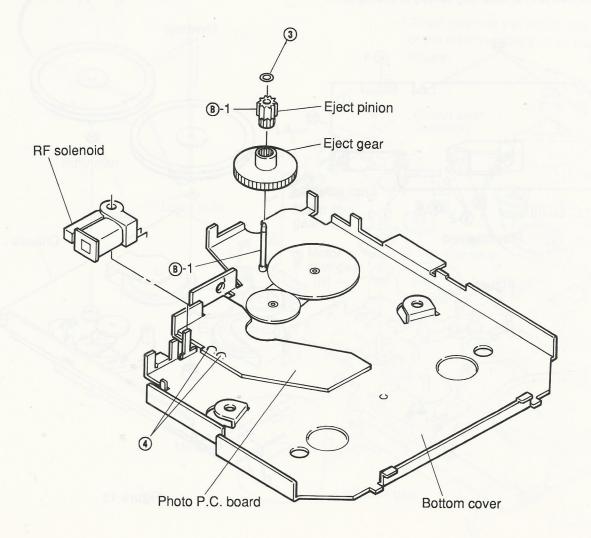


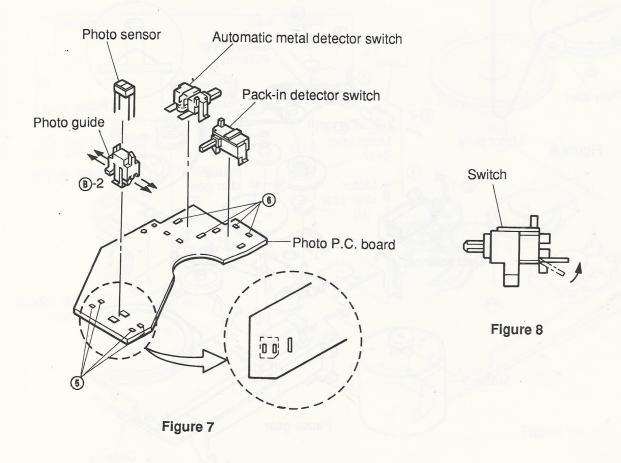
Figure 6

- c. Replacement of the photo sensor
 - (1) Remove four solders (5) as shown in Figure 7.
 - (2) Remove the photo guide together with the photo sensor from the photo PC board as shown in Figure 7.
 - (3) Insert the new photo sensor into the photo guide, and bend the legs of the photo sensor in the direction marked (B)-2 as shown in Figure 7.
 - (4) Insert the photo guide into the PC board and solder the legs so that the photo sensor is set as indicated by []] in Figure 7.

Note: When using the soldering iron, set the temperature of the soldering iron to 350° +/— 10° and the soldering time to 1 – 3 seconds. Take care that the solder is not loose, that there is no shortcircuit and that the coating is not damaged. Also take care that the photo guide is properly fixed and straight.

- d. Replacement of the detector switch (Automatic metal packing ???)
 - (1) Remove 2 solders (6) with which the the switch is fixed as shown in Figure 7.
 - (2) Prepare the terminals of the switch of the new solder as shown in Figure 8.
 - (3) After that, insert the switch into the photo PC board, and solder the terminals.

Note: When using the soldering iron, refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Also take care that the switch guide is properly fixed and straight.



- 3. Replacement of the mounting parts on the rear of the main chassis
- a. Replacement of the belt

Flywheel

- (1) After removing the bottom cover, remove the
- (2) Clean the new belt with absolute alcohol, and fix it as shown in Figure 9.

Note: When fixing the belt, make sure that it is not twisted or dirty. When removing the belt, do not turn up the front of the chassis.

- b. Replacement of the motor
 - (1) After removing the belt, remove spring ① as shown in Figure 10.
 - (2) Remove solder (8)-1, and remove the parallel wire (5P) from the control PC board as shown in Figure 11.
 - (3) Remove two screws (9) and (10), and remove the motor, taking care not to damage the motor idler gear. (Refer to Figure 10.)
 - (4) Mount the new motor following the removal steps in the reverse order.

Note: Refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Since the parallel wire is very easily damaged, handle it with care.

Fasten the two screws with a fastening

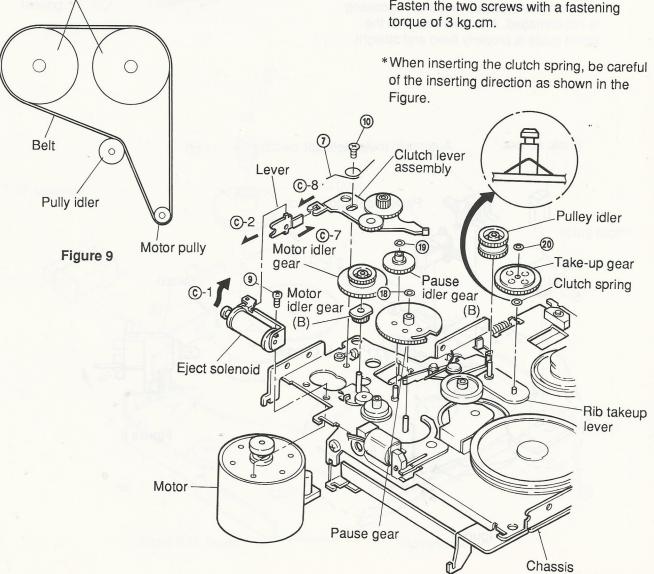


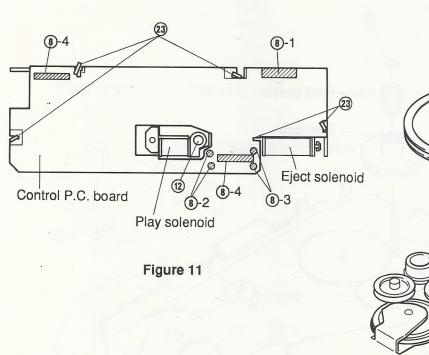
Figure 10

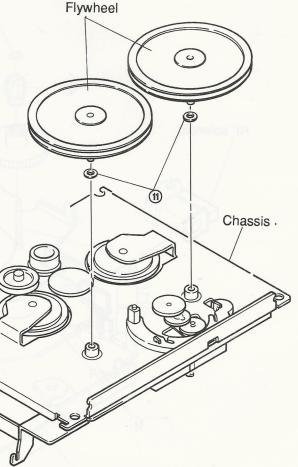
- c. Replacement of the flywheels
 - After removing the belt, pull out the two flywheels. Take care not to loose the polyslider washer (1) located between the flywheel and the chassis. (Refer to Figure 12.)
 - (2) Fix the polyslider washer to the new flywheel and mount the flywheel to the chassis.
- d. Replacement of the play solenoid
 - (1) Remove the two solders (8)-2 as shown in Figure 11.
 - (2) Remove one screw ② and remove the solenoid as shown in Figure 11.
 - (3) Mount the new solenoid following the removal steps in the reverse order.

Note: Refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Fasten the screws with a fastening torque of 2.3 kg.cm.

- e. Replacement of the eject solenoid
 - (1) Remove two solders **3**-3. Take care not to loose the tube that protects the wire. (Refer to Figure 11.)
 - (2) Remove screw (1) and remove the play solenoid as shown in Figure 10.
 - (3) Align position ©-1 of the new solenoid with position ©-2 of the lever and fasten the screws as shown in Figure 10.
 - (4) Lead the wire through the tube and solder it.

Note: Refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Fasten the screws with a fastening torque of 3 kg.cm. As the solder wires are not insulated, do not let them cross each other.





f. Replacement of gears

(f-1) Replacement of the reverse idler gear

- (1) Remove M1.2 lock washer (3), pull it up from the stud of the chassis and remove the gear as shown in Figure 13.
- (2) Remount following the removal steps in the reverse order.

(f-2) Replacement of the sun gear

- (1) Remove M1.2 lock washer (4), pull it up from the stud of the chassis and remove the gear as shown in Figure 13.
- (2) Mount it, following the removal steps in the reverse order.

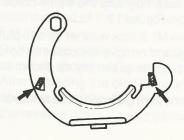
(f-3) Replacement of the fixing gear

- (1) Adjust the two mounting claws for the fix gear on the chassis (s) and remove the section (c)-3 of the gear by pulling it up in the direction of the arrow shown in Figure 13.
- (2) Insert the section ©-4 of the new gear into the chassis, and mount it following the removal steps in the reverse order as shown in Figure 13.
- (f-4) Replacement of the reverse lever assembly and planet gear
 - (1) Remove both the fixing gear and the sun gear and remove the reverse lever assembly as shown in Figure 13.
 - (2) Remove M1.7 lock washer (6) and remove the planet gear as shown in Figure 14.
 - (3) Mount the new planet gear and reverse lever following the removal steps in the reverse order.

Notes on f-1 through f-4:

After mounting all parts, check if the reverse lever assembly moves in the directions marked ©-5 when the reverse gear is turned clockwise and counterclockwise.

* After mounting the fixing gear, bend them into the form of as shown in the Figure.



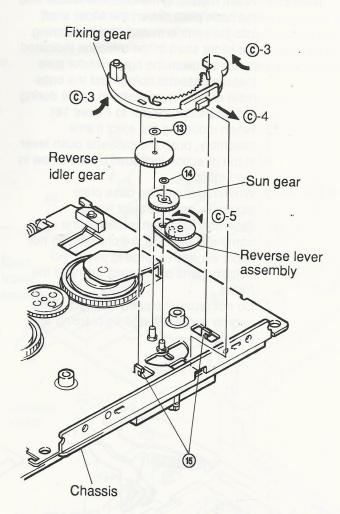


Figure 13

- (f-5) Replacement of the clutch lever assembly and eject idler gear
 - After removing the motor, remove the motor idler gear and the motor idler gear (B) and remove the clutch lever assembly as shown in Figure 10.
 - . (2) Remove M1.2 lock washer (1) and remove the eject idler gear as shown in Figure 15.
 - (3) Mount the new gears and clutch lever following the removal steps in the reverse order.

Note: When mounting the gears to the lever, apply grease (FLOIL 425A) to the position ©-6 as shown in Figure 15. Align the position ©-7 with the position ©-8 and mount the clutch lever as shown in Figure 10.

(f-6) Replacement of the pause gear

- (1) Remove M1.2 lock washer (18) and remove the pause gear pulling it up from the stud of the chassis as shown in Figure 10.
- (2) Mount the new gear following the removal steps in the reverse order.

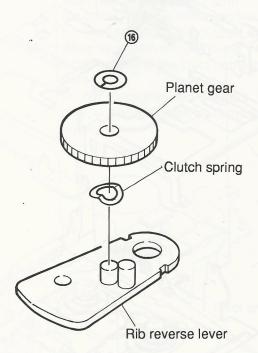
- (f-7) Replacement of the pause idler gear (B)
 - (1) After removing the motor and the motor idler gear, remove M1.2 lock washer (9) and remove the gear by pulling it up from the stud of the chassis as shown in Figure 10.
 - (2) Mount the new gear by following the removal steps in the reverse order.

(f-8) Replacement of the take-up gear

- (1) After removing the belt and the pulley idler gear, remove M1.2 lock washer ② by pulling it up from the stud of the rib take-up lever assembly as shown in Figure 10.
- (2) Remount the take-up gear following the removal steps in the reverse order.

Notes on f:

Do not reuse the used washers. Take care to avoid damage by piercing and tearing.



[Disassembly Reverse Lever Assembly]

Figure 14

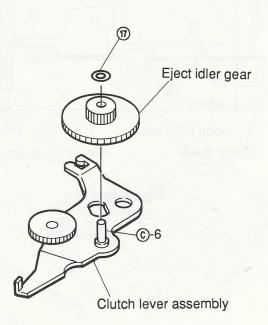


Figure 15

4. Replacement of the parts mounted on the front of the chassis

- a. Replacement of the audio PC board
 - Remove two solders ② and remove the parallel wire (7P) and the head PC board as shown in Figure 16.
 - (2) Adjust the two claws ② to the rectangular holes on the PC board and remove the PC board as shown in Figure 16.
 - (3) After replacement, mount the new PC board following the removal steps in the reverse order.

Note: The head PC board and the parallel wires are easily damaged. Handle them with care. Refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Do not bring the soldering iron near the head PC board.

b. Replacement of the control PC board

- (1) Remove seven solders (3) and remove the three parallel wires and the wires of the eject solenoid and of the play solenoid as shown in Figure 11.
- (2) Remove the claws ② and remove the PC board as shown in Figure 11.
- (3) After replacing the old PC board with a new one, mount it following the removal steps in the reverse order.

Note: As mentioned in Item 4-a, handle the parallel wires carefully, and be sure that the temperature of the soldering iron and the soldering time are proper. As the wires of the eject solenoid are not insulated, do not let them cross each other.

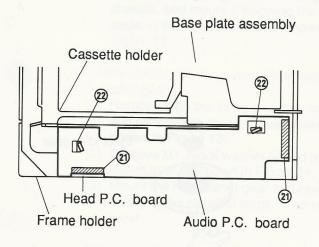


Figure 16

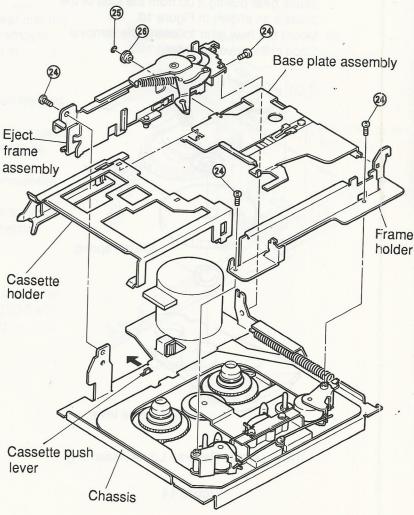


Figure 17

- c. Disassembly and assembly of the cassette holder
 - (1) Remove four screws ② and remove the eject frame assembly and the frame holder as shown in Figure 17.
 - (2) Remove M1.2 lock washer (3) and plate base roller (3) and remove the cassette holder and the base plate assembly as shown in Figure 17.
 - (3) Remount them following the removal steps in the reverse order.
 - Notes: 1. When mounting the cassette holder and the base plate, insert the slider shaft into the eject arm and fix them turning the slider shaft in the direction indicated by the arrow in the figure. Make sure that the cassette holder and the base plate are in the cassette-in mode during this operation. (Refer to Figure 18).
 - When mounting the eject frame assembly, push the cassette push lever in the direction indicated by the arrow in the Figure 17.
 - 3. When mounting the base plate assembly and the eject frame assembly, or when mounting the eject frame assembly to the chassis, do not apply excessive force to avoid deformations of the eject arm and the frame
 - Do not reuse the used washers. Take care to avoid damage by piercing and tearing.

- d. Replacement of the reels
 - (1) Remove M1.7 lock washers (a) (Refer to figure 19).
 - (2) Move the select lever in the direction marked ①1 in the Figure and remove the reel by gripping the reel gear as shown in Figure 19.
 - (3) After replacement, mount the new reels following the removal steps in the reverse order.
 - (4) After mounting, check the tape speed and the wow and flutter with test tape MTT-III.

Note: Since the reel is easily loosened if the cap is gripped, always handle it gripping the gear. Do not reuse the used washers. Take care to avoid damage by piercing and tearing.

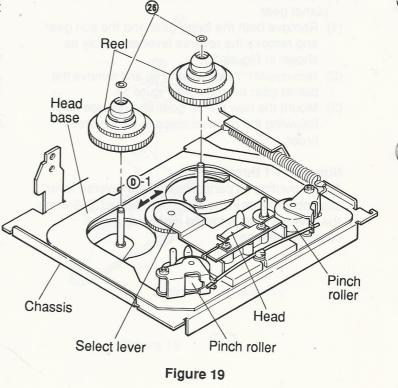


Figure 18

Eject arm

Base plate

Slider

- e. Replacement of the pinch rollers
- (1) Remove pinch roller spring ② as shown in Figure 20.
- (2) Remove M3.1 lock washers (2) and remove the pinch roller as shown in Figure 20.
- (3) Mount the pinch rollers following the removal steps in the reverse order. Apply insulation coating to the position ®-2 of the pinch roller as shown in Figure 20.

Note: Make sure that the pinch rollers are thoroughly fixed and that they are not deformed. Do not reuse used lock washers. Take care to avoid damage by piercing and tearing.



- (1) After removing the pinch roller spring, remove two screws ② as shown in Figure 21.
- (2) Remove solder @ and remove the head from the head PC board as shown in Figure 22.
- (3) After replacement, mount the new head following the removal steps in the reverse order.

Notes: 1. Refer to Item 2-C to make sure that the temperature of the soldering iron and the soldering time are proper. Do not bring the soldering iron near the head PC board. Make sure that the head PC board is not lifted.

Fasten the two screws with a fastening torque of 2.3 kg.cm. Note that the tension of the head spring can be decreased if the screws are fastened too strongly.

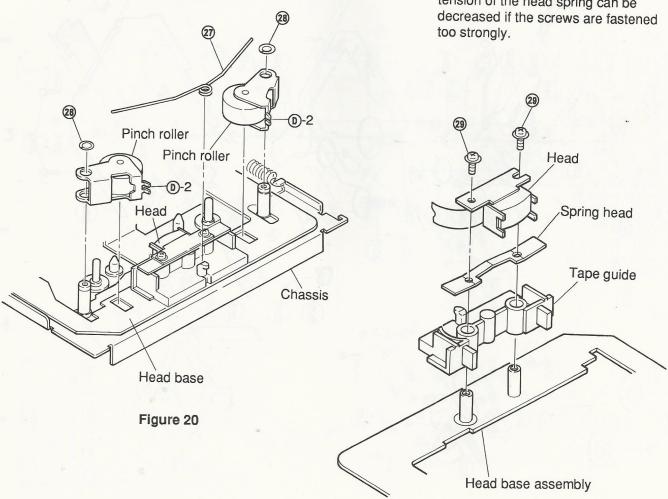
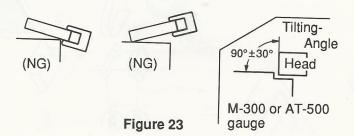


Figure 21

- (4) Adjust the height of the head as shown in Figures 23, 24 and 25.
- ① Place the height adjustment gauge (M-300 or AT-500) on the head base, and adjust the height so that the check bar fits in the tape head guide smoothly.
- When the check bar touches the top (or bottom) of the tape guide, insert a spacer (t 0.1 mm or polislider washer t 0.13 mm). If necessary, remove the spacer.

Note: If you do not have a height gauge like described in (a)-(1), run the tape at normal speed and adjust the height of the head and the tape head guide so that the tape does not curl.

(5) After having assembled the complete mechanism, adjust the angle of the head with test tape MTT-113C. (Refer to chapter "Adjustment of the head angle".) After the adjustment, apply the screw lock and fix the screws.



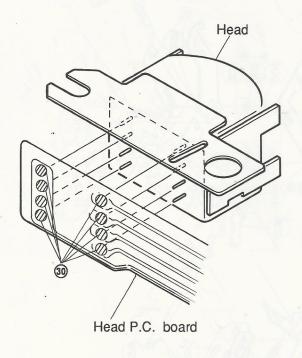


Figure 22

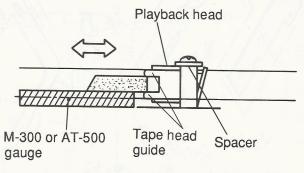
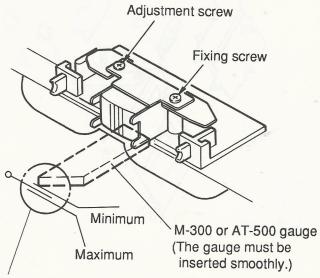
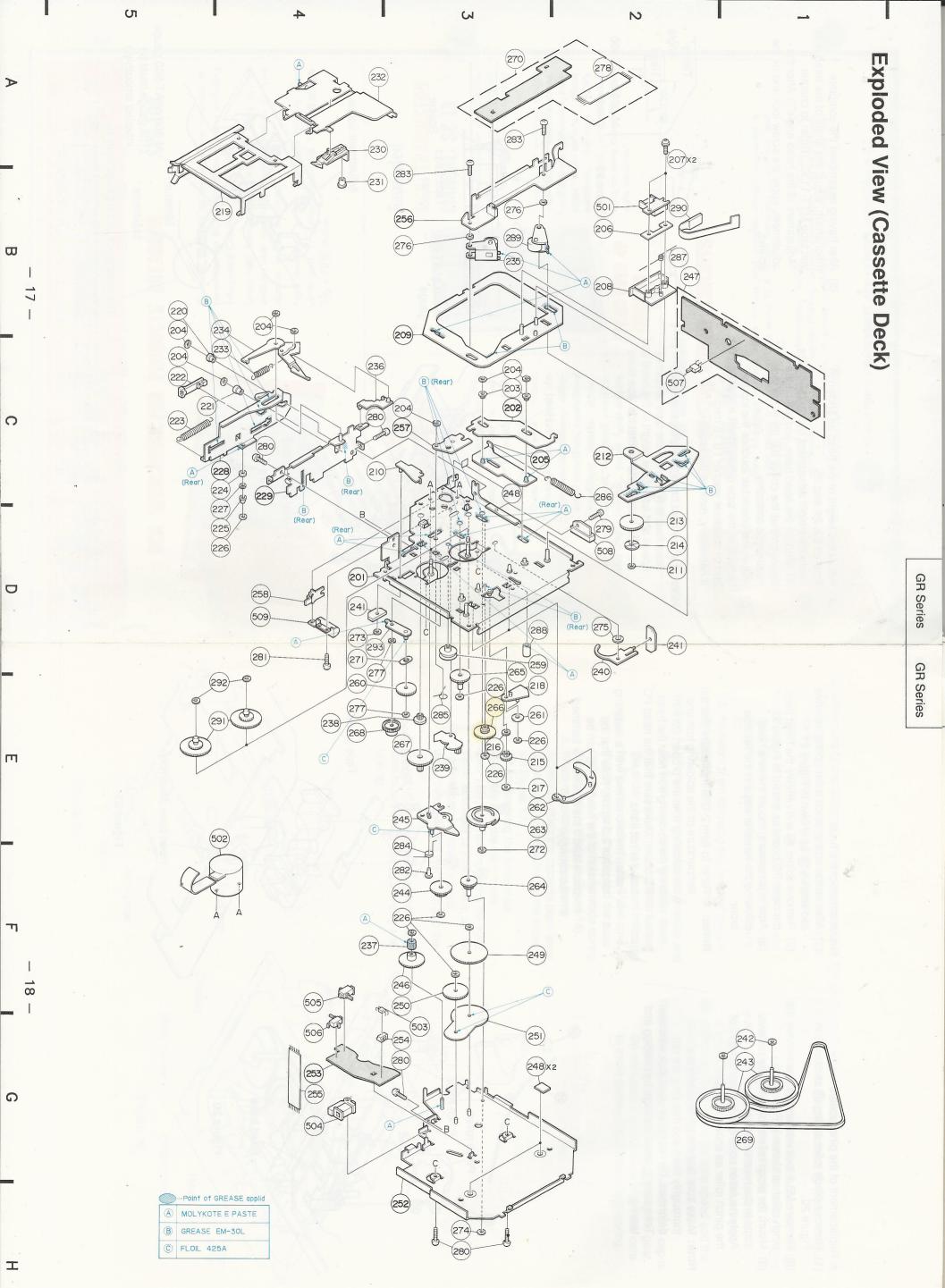


Figure 24



The nosepiece of the gauge must be between the minimum and maximum positions.

Figure 25



Cassette Deck Assembly Parts List

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	i kaj i finij			13					70.13.110.0				
									Assy., GR Control		2-B	747	
									Gear, Eject	The state of the s	3-F	246	
				-					Clutch A		1.		
									Assy., Riv Lever	OIVIOSOPMOT	3-E	245	
									Gear, Eject Idler	TOMTPTOTYPP	3-F	244	
		TOT TOWN HOUSE AN ADDRESS							Assy., Flywheel	10489801410	9-1	243	
		Assy., Pinch Roller	OTBT038TM0T	3-B	589								
		Roller, Pause	43812719W01	3-D	882				(M2.1)				
		SP, Pinch Roller	41A10387WO1	2-B	782				Washer Polyslider	04840075605	1-0	242	
		Spring, Sub Head	41B10386W02	2-C	982				Chip	10WATEO1T87		241	
		Spring, Cas Push	41A10385W01	3-E	285				Lever, Play	45A10092W01	S-D	240	
					İ				Pause				
		Spring, Eject Clutch	41A10384W01	3-F	₽82				Assy., Riv Lever	OTVTOSOTMOT	3-E	539	
		Screw. Pan(Mi.7x3)	\$94799£\$280		283				Gear, Motor Idler(B)	TOMLIBETAND	₫-E	887	
		(M2x2.3)											
		Screw, Eject Clutch	03A12132W02	3-F	282				Pinion, Eject	TOMS129754	4-1	782	
		Screw, Pan(M2x3.3)	03S72235F38	(1-p	182				Pack in SW				
		Screw, Pan(M2.6x4)	03244205630		280				Assy., Riv Lever	OIVIOSOSMOI	ე-₱	536	
									Assy., Pinch Roller	OTBT038TM05	3-B	535	
		Screw, Pan(M2x6)	03244205678	3-D	672				A mia				
		Wire, PC Joint 7P	30T15126W02	2-A	872				Assy., Riv Eject	TOMSTIOTVIO	₫-B	234	
		Washer, Lock (M2.1)	04A1345P06		277				Spring, Eject Arm	#IBI0386W01	0-7	283	
		Washer, Lock(M3.1)	04A41345P32	3-B	972					701100001417		000	
		Washer, Lock(M3.1)	04A1345P30	S-D	275				Assy., Riv Plate Base	OIVIOSISMOI	V-7	232	
									Shaft, Slider	47A63278F01	8-b	182	- 1
3.13	13.5	Washer, Lock (M1)	04A1345P17	H-8	₽72				Slider	45B10376W01	V-#	230	-
		Washer, Lock (M1.7)	04V41345P02	₫-₽	273				Roller, Eject C	43A12377WO1	d−₽	227	
- Committee		Washer, Lock(M1.2)	04A1345P15	3-F	272				Washer, Lock (M1.2)	11434514440	u /	526	
	12	Spring, Clutch	41A10097W02	₫-₽	172				(0 11) 1110-5	11437617770		366	
		Assy., GR Audio	01ATT200MT6	3-A	270	~			Roller, Eject B	43A10360W01	0.5	077	
	1 2 2 1	ens orwans or spe	sarou custrera		020				Roller, Eject A	43VIOSCOMOI	1- ₽	525	
		Assy., GR Audio	OTATIEDOMIS	A-8	072				Spring, GR(Rack)		J-7	224	
		Assy., GR Audio	89M007±1V10	A-8	072			100		41B10386W03	9-G	223	-
		Belt, GR	42A10380W01	1-0	697				Roller, Plate Base Rack	44A82206F01	9-G	222	- 1
		Gear, Reel Idler	44A11062W01	₫-E	268		1-1-1		Roller Plate Base	43A63281F01	2-G	221	
		Gear, Motor Idler	10W68101App	3-E	792				10077 4 101101	TOHOOOFTHOT			
		111111111111111111111111111111111111111	101100101777	4 0	200				Roller, Eject	43V12583W01	2-B	220	- 1
		Gear, Reverse Idler	44A10138W01	3-E	566				Holder, Cassette	07B10074W01	4-B	519	
	10.0	Gear, Pause Idler B	10W97801App	3-D	398				Reverse	*************			
		Gear, Pause Idler A	TOMASTOIAPA	3-6	797				Assy., Riv Lever	01410203W01	3-E	218	
		Gear, Pause	##BIOI36WOI	3-E	263				Washer, Lock(M1.7)	04A41345P31	3-E	217	
		Gear, Fix	##BIOTSPMOT	3-E					Spring, Clutch	41A10097W02	3-E	216	
			AADIOIOENO	9_0	262				1011111	T0#5			
		Gear, Sun	TOMPETOTYPP	7-0	107				Gear, Planet	44410142W01	3-E	215	
		Gear, Take Up	44ALO133WO1	3-E	197				Reflector	14A10681W01	3-D	214	
4		Pulley, Idler		₫-E	097				Gear, Sensor	44A10295W01	S-D	213	
		Lever, Eject Sol	TOMISIOIVE	3-D	520				Washer, Lock (M2.6)	04A41345P29	S-D	211	
2 - 2		Wire, PC Sensor(7P)	TOMOTOTOTYST	(1-p	528				IOS				
	1000	(dr) monago Dd . en IV	SOTISIZEWOI	9-7	255				Assy., Riv Lever R/F	OTVTOSOGMOT	9-₹	210	
		01011 (027)	TOMOSSTERS	_									
in literal		Guide, Photo	TPBTTORPMOT	3-6	254				Tape, Guide	43BTS242MOT	S-B	208	
		Washer, GR	O4A11122WOI	9-8	197			-	Screw, F-Locks (M2x4)	03840019603	S-B	207	
		Gear, Bottom B	TOMP90TTVPP	3-F	520				Spring, Head	41V10095W01	S-B	506	
	17.15	Gear, Bottom A	10W89011AP4	3-F	249				Washer, Lock (M1.2)	04A1345P01		₹0₹	
		Spacer, Polyslider	43V90918F01		248				Roller, Sub Head	43A11072WO1	3-6	203	
		Description	Part No.	хәр	.oN				Description	Part No.	хәр	.oN	
. DO I 144.	10 101 0			-N1	Iodm	S			1,-1,-000	olf trod	-NI	Iodav	S
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: ■ : For CR75EOLA model only

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Symb No	or or or	Part No.	Description	-9.1	Symbol		
	90 2-1			100	-01		
			Panel, Head		100		
	91 4-E		Assy., Reel		892		
	91 4-E		Assy., Reel		088		
	91 4-E		Assy., Reel		1231		
2	92 4-E	04A41345P12	Washer, Lock(M1.7)		254		
2	93 4-0	01A11078W01	Assy., Riv Lever		255		
		lest Soil	Take Up		1888	0	
		na thi	ASPTORATION EDITOR		259		
		qU es	AAA MISSIOL CORF. TH		280		
		1	44410124V01 Comr. Sm		192		
		Mi	scellaneous	3-8	585		
5	01 2-B	88T15971W01	Head	3-6	285		
10000	01 2-B		Head		200		
	01 2-B		Head		550		
	02 4-E	The second secon	Assy., Motor				
	03 3-G		Sensor, Photo				
10,	00 0 0	01110144#01	Sensor, Filoto		192		
51	04 4-G	01T10371W01	R/F Sol. Assy.		802		
1	05 4-F	The second secon			Ber		
101	05 4-r	40115382W01	SW., Detector		011 0		
-	00 1.0	107150001101	(Pack Down)		270		
	06 4-G		SW., Detector(Metal)				
51	07 2-C	40T15222W01	SW., Detector		A 270		
_		-donut	(Pack In)		473		
50	08 2-D	01T15249W01	Assy., Play Solenoid		948		
1000	-	(1,20,25)	OAAALSASPOZ Vashaga		279/ 6		
50	09 4-D	01T10369W01	Assy., Eject Solenoid		1/2		
			0 V-10-00 Y				
		Tu, 80 456.	Traduck 089312 (1430		-16 K		
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	-	700 N 1915	03S44205030 Seren P		Age II		
		(3a 8 - SiO na	1		280		
		(6. Ex\$90 m	1	6-1	185		
		lect Clutch		9-8	282		
		(Cr. 100.m			+288		
		Here Divien	11410284A01	9-8	284		
		daug est	- 20 110S \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3-6	285		
		book du	11010849902 Spring.	2-0	582		
		notick ;	DETERMINED SE PERC	44	732		
			18A32749W01 Bollor-	G-8	888		
		neus/	TOTAL ENGINEER TO A BATTAL WITHOUT	1			
		ause non Roller		8-8	012		
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ž				#4.			
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Notes : ● ; For GR75E020 model only ■ ; For GR75E010 model only ▲ ; For GR75E01A model only Others ; Common