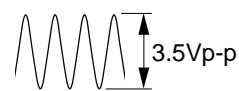
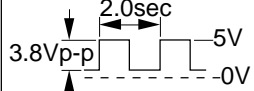
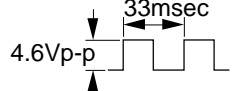
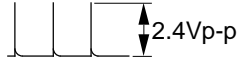
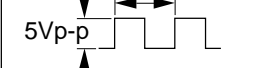

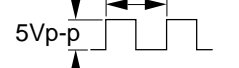



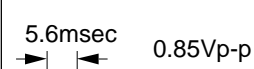
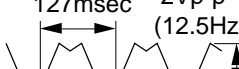













WAVEFORM OF SYSTEM CONTROL AND SERVO STAGE

*NOTE: Please use blank brackets to note additional information.

No	WAVEFORM	NOTE	No	WAVEFORM	NOTE	No	WAVEFORM	NOTE
Ⓐ		14.32MHz	Ⓑ		REC/P.B	Ⓒ		REC CTL
Ⓓ			Ⓔ			Ⓕ		
Ⓖ			Ⓕ		"F" = SP:1080Hz LP:540Hz SLP:360Hz	Ⓖ		"A" = SP:4.1Vp-p LP:3.3Vp-p SLP:2.3Vp-p
Ⓙ			Ⓜ			Ⓢ		
Ⓚ			Ⓝ			Ⓟ		
Ⓛ						Ⓠ		
Ⓡ								
Ⓢ								
Ⓣ								
Ⓤ								
Ⓥ								
Ⓦ								

SYSTEM CONTROL AND SERVO CHECKING PROCEDURE

SYMPTOM	FLOW OF TROUBLESHOOT→						
Dead or Malfunctions	CHECK POINT	Pin 35 (VDD5V)	Ⓐ	Pin 19 Normal(H)	Pin 16 (SCK)	Ⓐ ~ Ⓓ	* NOTE2
	IF NO.	↓	↓	↓	↓	↓	
	CHANGE	Power	X6001	Q6005,Q6006 Q6007,Q6008	IC6001	* NOTE1	

* NOTE1: Adjust Gear Phase.

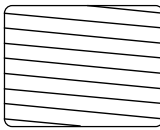
* NOTE2: Check Power Supply circuit.

SYMPTOM	FLOW OF TROUBLESHOOT→						
NO PLAY	CHECK POINT	Ⓐ ~ Ⓓ	Ⓕ	Ⓑ			
	IF NO.	↓	↓	↓			
	CHANGE	* NOTE1	* NOTE2	* NOTE3			

* NOTE1: Adjust Gear Phase.

* NOTE2: IC2601(Cylinder Drive) or Cylinder Unit.

* NOTE3: IC2501 or IC2502(Capstan Drive) or IC6002(Reel Sensor).

SYMPTOM	FLOW OF TROUBLESHOOT→						
Distorted Playback Pix(1) 	CHECK POINT	Ⓓ	Ⓕ	* NOTE3	* NOTE5		
	IF NO.	↓	↓	↓			
	CHANGE	* NOTE1	* NOTE2	* NOTE4			

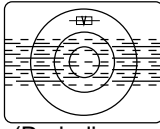
* NOTE1: Check Video circuit.

* NOTE2: IC2601(Cylinder Drive) or Cylinder Unit.

* NOTE3: Open pin 7 of IC2601 and apply external 2.5V DC to pin 7.

* NOTE4: If the picture is still the same, change IC2601 or Cylinder Unit.

* NOTE5: If the picture is improved, change IC6001.

SYMPTOM	FLOW OF TROUBLESHOOT→						
Distorted Playback Pix(2)  (Periodic Noise bar)	CHECK POINT	Ⓒ	Ⓖ	* NOTE3	* NOTE5		
	IF NO.	↓	↓	↓			
	CHANGE	* NOTE1	* NOTE2	* NOTE4			

* NOTE1: Check tape travel and clean A/C head.

* NOTE2: Check FG head.

* NOTE3: Open pin 15 of IC2501 and apply external 2.5V DC to pin 15.

* NOTE4: If the picture is still the same, change IC2501, IC2502 or Capstan Motor.

* NOTE5: If the picture is improved, change IC6001.