

 **THOMSON CONSUMER ELECTRONICS**  
**Video Cassette Recorder**  
**Basic Service Data**

**VR349**  
**Additional Models:**  
**VR622HF/VG2042/**  
**VG4241**



Technical Publications

P.O. Box 1976 / Indianapolis, Indiana 46206

## SERVICE DATA INDEX

	Page Number
<b>Alignment Procedures</b>	
Electrical Adjustments .....	4-1
Mechanical Adjustments .....	3-1
<b>Block Diagrams</b> .....	11-1
<b>Circuit Board View</b> .....	13-1
<b>Disassembly</b> .....	2-1
<b>Exploded Views</b> .....	10-1
<b>General Information</b> .....	1-1
<b>Replacement Parts List</b> .....	9-1
<b>Schematic Diagrams</b>	
Capstan Stator/Junction/Loading Motor/Audio Control Head .....	12-6
Head Amplifier (VR349/VG2042) .....	12-7
Hi-Fi Audio/Video Head Amplifier (VR622HF/VG4241) .....	12-8
Interconnect Wiring Diagram .....	12-1
Main I (System Control/Servo/Operation) .....	12-2
Main II (Signal Process/Audio) .....	12-3
Main III (Power Supply) .....	12-4
Main IV (Hi-Fi) (VR622HF/VG4241) .....	12-5
<b>Troubleshooting Aids</b>	
Timing Charts .....	5-1
Troubleshooting Guides .....	8-1
Voltage Charts .....	7-1
Waveforms .....	6-1

## SAFETY NOTICE

### USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by a (⚡) on schematics and on the parts list in this Service Data and its bulletins. Before servicing this instrument, it is important that the service technician read and follow the "Safety Precautions" in the Basic Service Data.