

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

VR636HF
Additional Models:
VR645HF & VG4268



P R O S C A N



Technical Publications

P.O. Box 1976 / Indianapolis, Indiana 46206

SERVICE DATA INDEX

	Page Number		Page Number
Block Diagrams		General Information	
Commercial Advance (VR645HF & VG4268)	11-9	Abbreviations	1-12
Hi-Fi Audio	11-6	Cleaning & Lubrication	1-4
Interconnect Wiring Diagram	11-1	Safety Precautions	1-2
Logic	11-3	Specifications	1-3
PIF & MPX	11-7	Mechanical Adjustments	3-1
Power Supply	11-8	Replacement Parts List	8-1
Preamp (4 Head)	11-5	Schematic Diagrams	
Servo & Syscon & EDS	11-2	Commercial Advance (VR645HF & VG4268)	9-7
Video & Audio	11-4	Hi-Fi Audio	9-8
Circuit Boards		Logic	9-2
A/C Head	10-2	PIF & MPX	9-3
Loading Motor	10-2	Preamp	9-4
Main	10-1	Power Supply	9-5
PCB Connector Information	10-2	Servo & Syscon	9-6
Disassembly	2-1	Video & Audio	9-1
Electrical Adjustments	4-1	Troubleshooting Aids	
Exploded Views		Troubleshooting Guides	5-1
Cassette Loading Mechanism	12-1	Voltage Charts	6-1
Head Assembly	12-5	Waveforms	7-1
Instrument	12-2		
Main Mechanism (Bottom View)	12-4		
Main Mechanism (Top View)	12-3		

SAFETY NOTICE

USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by a (Δ) 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.