

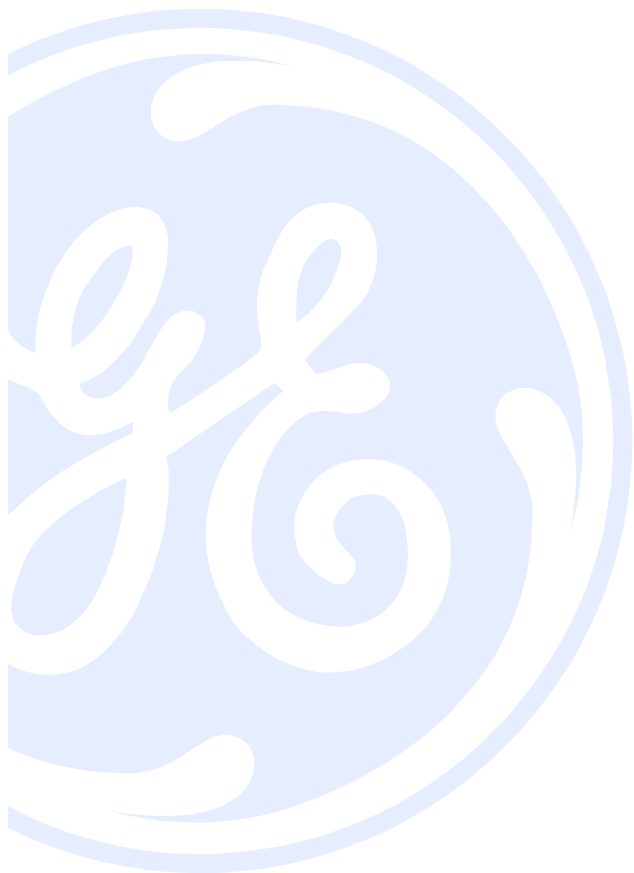
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Circuit Board Location

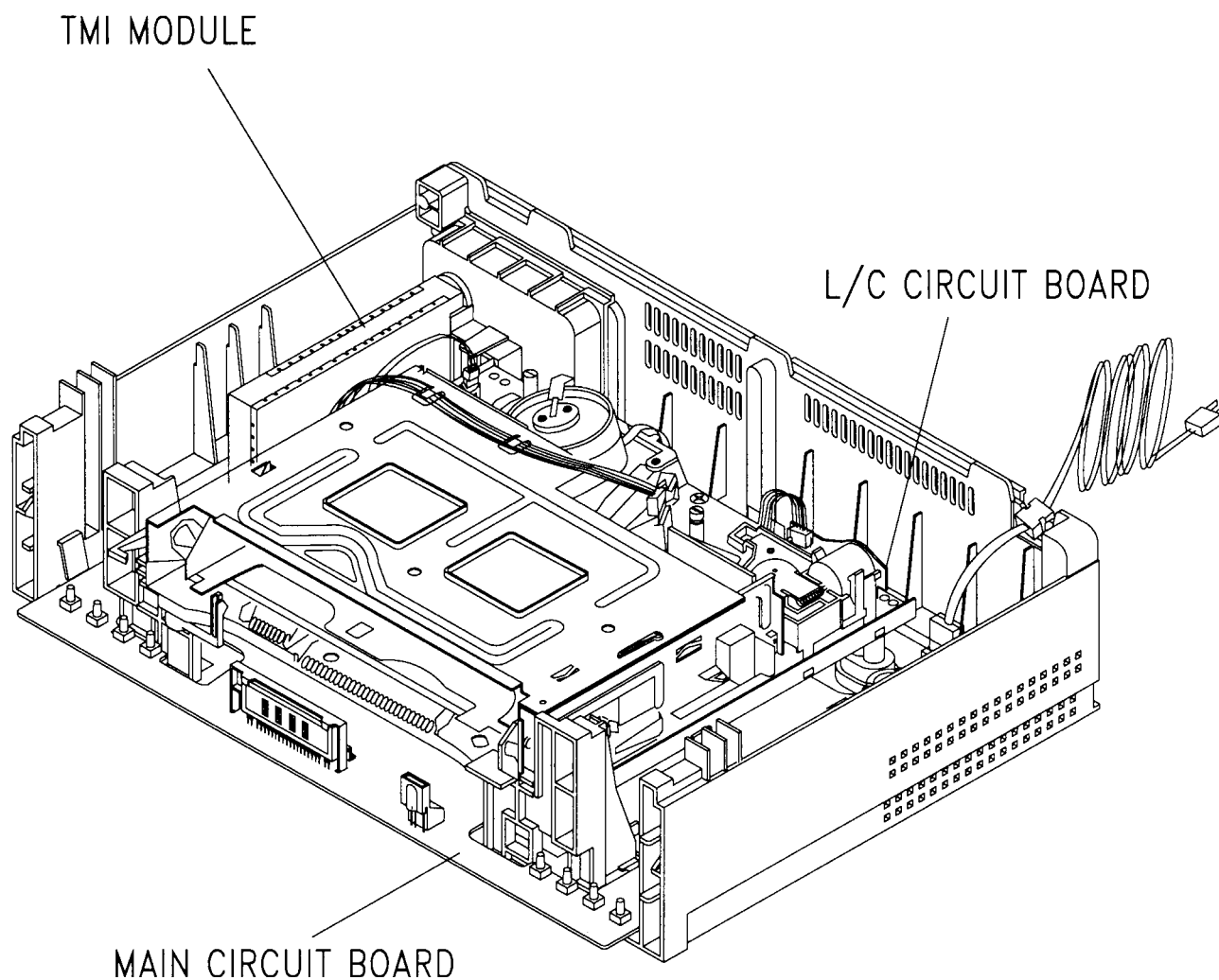


Fig. 1 Circuit Board Location





Main Board Test Point/Control Location Guide

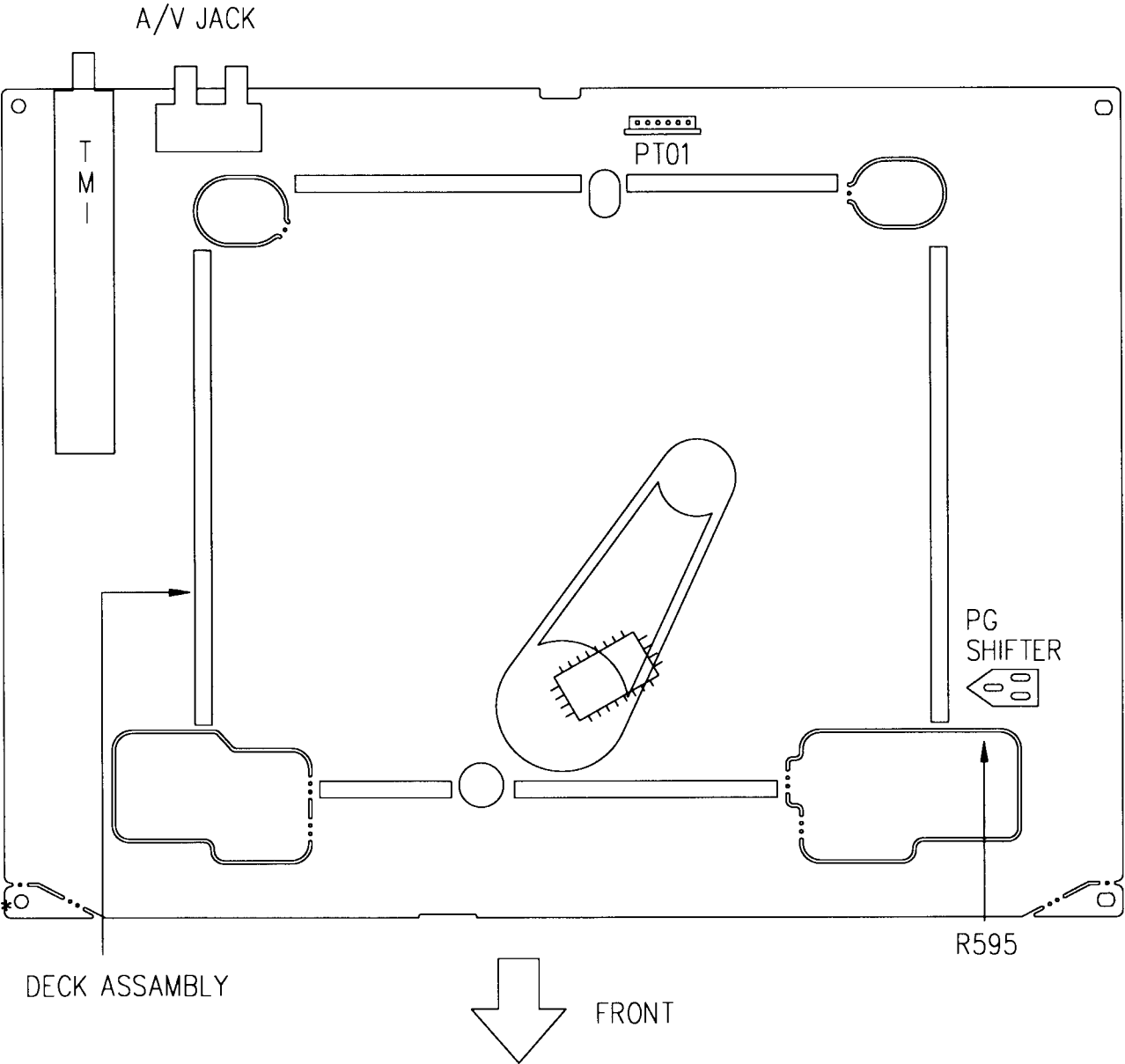


Fig. 2 Main Board Test Point/Control Location Guide (Component)



ELECTRICAL ADJUSTMENTS



PG (Pulse Generator) Shifter Adjustment

Test Points: PT01 Pin 3	Main
Video Out Jack	Rear Panel
Adjust: VR595 (PG Shifter)	Main

The Phase Generator (PG) Shifter determines the video head switching point during playback. Misadjustment of the PG shifter may cause head switching noise in the picture and/or vertical jitter.

1. Load the instrument with an alignment tape and play back the color bar signal or monoscope signal.
2. Connect channel-1 scope probe (1V/div.: 50 μ sec/div.) to PT01 PIN (3). Trigger the scope on channel-1.
3. Connect channel-2 scope probe (1V/div.) to the Video Out Jack.
4. Set the scope to (-) slope and adjust the PG Shifter control VR595 so that the trailing edge of the SW 30Hz pulse is placed $6.5H \pm 0.5H$ (horizontal) lines before the start of vertical sync pulse.

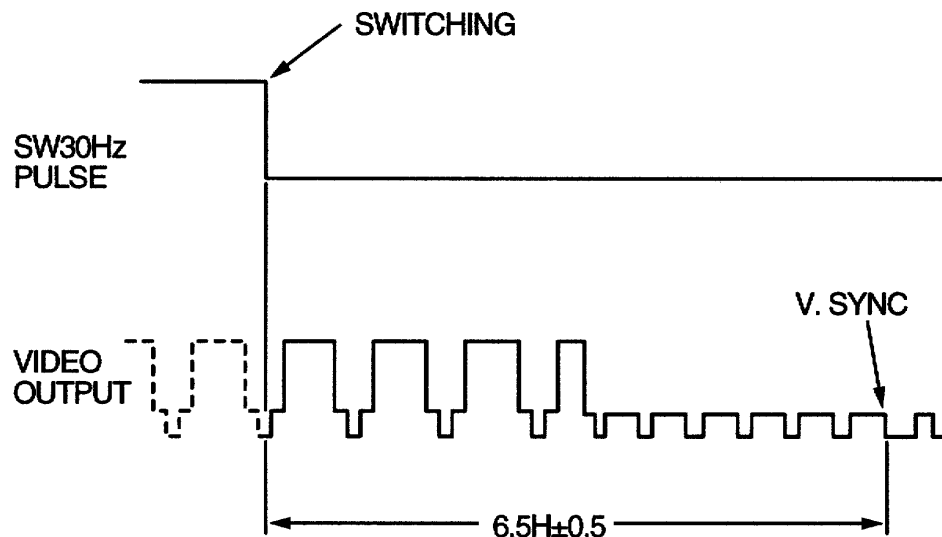


Fig. 3 PG Shifter Adjustment

