



Viewing stacking section diagnostic data with the service VDT

You can view stacking section diagnostic data at the service VDT with the TST DISP function. When activated, the function will record data for every cycle. If a stacking failure occurs, you can display all data recorded for the cycle which failed.

Procedure

1. Power-up the Monitor HT and select CYCLE TEST at the service VDT. The stacking section will complete one full cycle and stop.
2. You may now put the Monitor HT into simulate or production mode. The service VDT will display run time information and the cycle diagnostic data will be recorded internally.
3. If the staking section fails, the diagnostic data for that cycle will be stored in the main CPU. To view this data, select the TST DISP function at the service VDT.
4. The service VDT will prompt: "Paging? (Y/N)".
 - 4.1. Answer "Y" if you want to stop data output every 24 lines. Use the return key to continue paging.
 - 4.2. Answer "N" if you want to view a constant stream of data.
5. The information will be displayed at the VDT. Sample data is shown below:

(1)	(2)	(3)	(4)	(5)
TIC	TACH	DRIVE	DELTA	REQ & MODE
32	0	68	0	5 A
42	1	68	1	5 A
52	4	68	3	5 A
		.		
		.		
355	229	78	7	11 C
365	236	78	7	11 C
375	245	78	9	11 C
		.		
		.		
695	667	29	11	8 D
705	678	26	11	8 D
715	686	22	8	8 D

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6. The data stored under each column is described below:

TIC (Column 1)	This column displays the time (milliseconds) which has elapsed since the cycle began.
TACH (Column 2)	This column displays the total tach readings for the tic amount of time.
DRIVE (Column 3)	This column displays the value output to the stacking section DC drive.
DELTA (Column 4)	This column displays the difference in tach pulses between the last tic reading and the current tic reading.
REQ. (Column 5)	This column displays the computer- requested delta value.
MODE (Column 5)	This function monitors the stacking section. Three values are listed: A = Accelerating C = Cruising D = Decelerating

7. All diagnostic data will be stored in the main CPU until:

- 7.1. You selected the ROT function at the service VDT.
- 7.2. You select the CYCLE TEST function at the service VDT.
- 7.3. You press the STOP push-button then restart with the START/CLEAR push-button.
- 7.4. You power down the Monitor HT.