

Read and follow all of the safe operating rules and procedures in the maintenance and operator's manuals supplied with the saw.

Daily:

- 1.) Check coolant nozzle alignments for each task
- 2.) Clean the cutting area and outside of the saw.
Clean spindle (bottom) for sliding in & out of front panel freely
- 3.) Keep pan drain line clear
- 4.) Proper shut-down –
press center, servo red button, 1,2,3 count to allow time for C> to display, power down

Monthly:

- 1.) Fan filters should be checked once a month, and cleaned or replaced as needed.
Location: (1) in the logic drawer, (2) in the power drawer, (1) on the back top of the saw
- 2.) Check oil reservoir and fill if necessary
- 3.) Check lubrication to all slides and clean excess oil in casting troughs
- 4.) Check water traps and filters. Clean/drain. Upgrade (dry) air supply, so no water is ever seen in these.

Tcar864-1 Maintenance Check-Off List

Date	
Customer	

#	Procedure	Initial
1	Check incoming voltages for machine compatability	1
2	Check chuck level - Level if necessary	2
3	Check that all safety sensors are operable	3
4	Check stability and level of saw (Saw should be off wheels and anchored)	4
5	Check all Slide Couplings and tighten if necessary to avoid slippage	5
6	Check Lubrication to all slides and Clean excess oil in casting troughs	6
7	Check Oil Reservoir and fill if necessary	7
8	Clean out spindle nose area and check for proper coolant flow rate	8
9	Check all lamps and replace if necessary	9
10	Check Joystick motion for smoothness and proper speeds	10
11	Listen for any peculiar noises and investigate if necessary	11
12	Check internal water traps and filters - Clean/Drain Replace medium if necessary	12
13	Check and Clean all Air Filters - Replace if necessary	13
14	Overview of stored cut files - Help customer in deleting unwanted files and make recommendations on file management	13
15	Replace Height Sensor Seals and Chuck Seals and lubricate	14
16	Check alinement of optics	15
17	Index up and down patterned wafers same side and rotate to 2nd side and repeat. Check for offsets.	16
18	Run Height Sensor test (50 Height Senses) and adjust if necessary	17
19	Cycle chuck brake after alinements to check for movement (Insure Customer is using brake prior to "Y" alinement	18
20	Check coolant nozzles for proper alinements and show customer in incorrect	19
21	Overview of customer dicing practices if customer willing. (Flange care, cooling, mounting, wafer optic lighting, etc.)	21
22	Clean entire outside of saw	22

Filename: Tcarmain

Program: 123R3

Date: February 15,2001