

Command:SAVEPOS (SP)

MS2000 or RM2000 syntax

| | |
|-------------------|----------------|
| Shortcut | SP |
| Format | SP [X=inhibit] |
| Units | 0 or 1 only |
| Remembered | Using SS Z |

Tiger syntax

| | |
|-------------------|-----------------------|
| Shortcut | SP |
| Format | [addr#]SP [X=inhibit] |
| Units | 0 or 1 only |
| Type | Card-Addressed |
| Remembered | Using [addr#]SS Z |

The axis positions and soft limit locations are usually automatically saved when power is turned off. If this action is not desired, setting inhibit=1 will prevent power down saves. (Default is inhibit = 0) If the command is given without argument, a save position shutdown will be initiated whereby the axes will be halted, positions saved to flash memory, and the controller placed in a non-responsive condition until power is cycled.

Reply

Upon the start of execution of this command, the controller will reply with a : . When the execution is complete, an A will follow the colon. When a power down condition is detected, an O is transmitted. After the positions are successfully saved, a K is sent.

Note 1: During the time interval between the : and the A , no serial or manual moves should be given.

Note 2: In MS2000 Versions 6.1u and later (see VERSION command), limit settings (see SETLOW and SETUP) are saved if and only if the SAVEPOS command is issued after the command SAVESET Z.

Note 3: OK is not transmitted in TG-1000

[commands](#), [tiger](#), [ms2000](#)

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