

# Command:SAVEPOS (SP)

MS2000 or RM2000 syntax

<b>Shortcut</b>	SP
<b>Format</b>	SP [X=inhibit]
<b>Units</b>	0 or 1 only
<b>Remembered</b>	Using SS Z

Tiger syntax

<b>Shortcut</b>	SP
<b>Format</b>	[addr#]SP [X=inhibit]
<b>Units</b>	0 or 1 only
<b>Type</b>	Card-Addressed
<b>Remembered</b>	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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