NO: PC-314 **PRODUCT:** CJ1W-NC□8□ Position Controller
DATE: October 2015 **TYPE:** Modification Notice

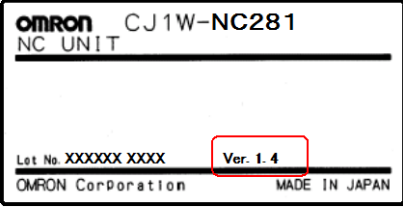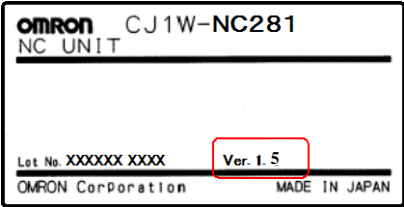# Firmware Upgrade for CJ1W-NC□8□ Position Controller Modules Modified for Enhanced Functionality

Effective date: October 2015 production

Affected Parts

Models	Specification
CJ1W-NC482	Number of axes is 4. Max number of slaves is 68.
CJ1W-NC882	Number of axes is 8. Max number of slaves is 72.
CJ1W-NCF82	Number of axes is 16. Max number of slaves is 80.
As for the following models, the specifications are not changed.	
CJ1W-NC281	Number of axes is 2. Max number of slaves is 2.
CJ1W-NC481	Number of axes is 4. Max number of slaves is 4.
CJ1W-NC881	Number of axes is 8. Max number of slaves is 8.
CJ1W-NCF81	Number of axes is 16. Max number of slaves is 16.

Changes

Before the change	After the change
Functional enhancement The version of the firmware is upgraded to enhance the functions as described on the right.	**Functional enhancement** The following functions are supported by this firmware upgrade. ● Electronic cam function ● Encoder axes ● Helical interpolation Applicable models for this upgrade are as below; CJ1W-NC482,CJ1W-NC882, CJ1W-NCF82 These functions will be used with the update version of CX-ONE released in October, 2015.

Before the change	After the change
Change in display of unit version on the nameplate Ver.1.4 **Ex.) Model CJ1W-NC281**	**Change in display of unit version on the nameplate** Ver.1.5 **Ex.) Model CJ1W-NC281** **Note** There are no additional functions as for model CJ1W-NC[]81. The unit version of CJ1W-NC[]81 is changed due to updating the firmware at the same time as CJ1W-NC[]82.

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.