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90201-1638DEA

Kawasaki Heavy Industries, Ltd.

Robot Business Division

## neoROSET Version 2.0.6 Release Notice

### 1 Release Information

#### 1.1 Release Version

neoROSET Version 2.0.6

#### 1.2 Release Summary

(1) Addition and improvement of functions

[Servo Package Builder]

A new function has been added that allows users to configure a servo package cell by selecting any painting robot and external axes.

[View Operation Settings – Additions and Improvements]

Settings related to view operations have been added and enhanced.

(2) Update controllers/robots/instructions to provide

There are no updates for this version.

(3) Resolved item

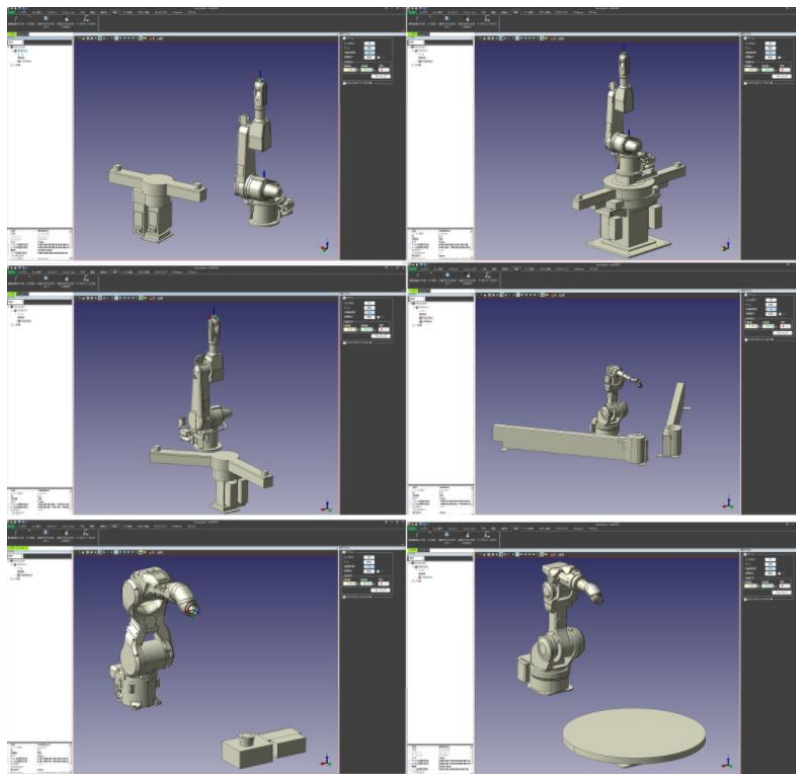
Improved and fixed some items.

## 2 Major Additions and Improvements

### 2.1 Servo Package Builder

The [Servo Package Builder] has been added to the [Painting] tab of the ribbon menu.

This feature allows users to build a servo package cell by selecting a desired painting robot and external axes through a wizard-based interface.



#### Limitations

- This function is not available in neoROSET Viewer mode.
- Before using this function, enable [Keep Controller Data] in the [Controller] tab of the ribbon menu.
- Models, controllers, AS versions, and external axis types that cannot be selected in the configuration screen are not supported by this function.
- Some combinations of painting robots and external axes that are selectable in the simulation cannot be realized on actual machines. Please consult the supplier regarding combinations that cannot be realized.
- Only Japanese and English are supported for the controller language settings of the servo package cell added by this function.
- For detailed operating procedures of the servo package cell, please refer to the corresponding package-specific manual.
- The layout of the interface panel partially differs from that of the actual teaching pendant

(TP).

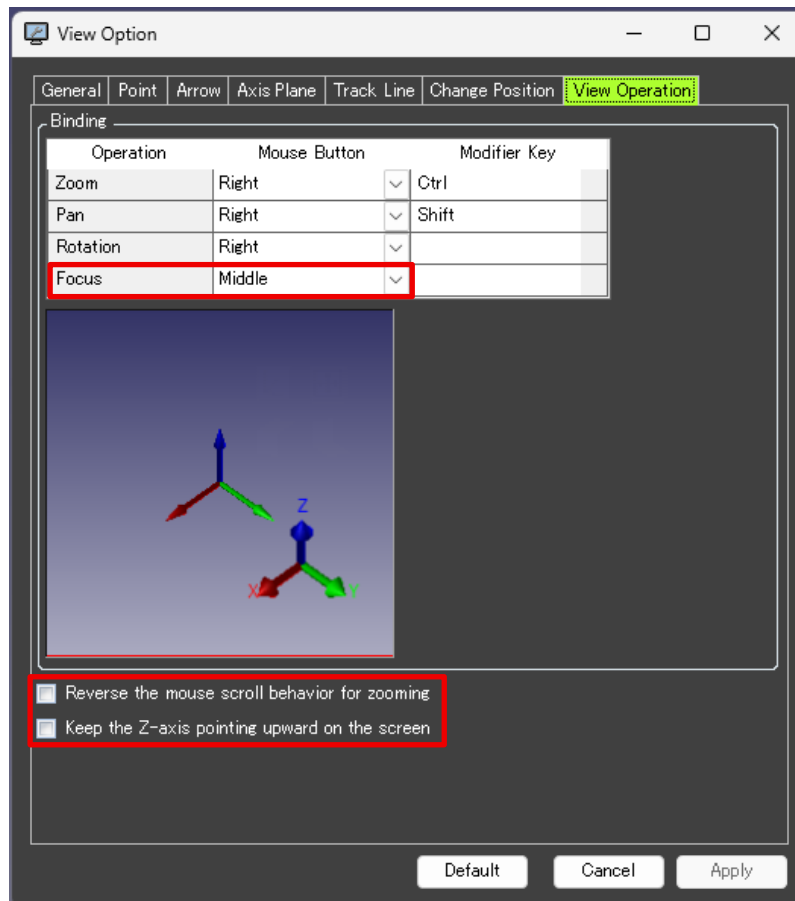
- The robot data and PC programs configured by this function cannot be loaded directly to an actual robot controller. When performing operation verification on an actual machine, please load only the created operation programs to the controller.
- For the table axes of Tombow / Tombow R / Twister, the actual machines can rotate only one side at a time through mechanical switching; however, this switching behavior is not reproduced in the simulation.

## 2.2 View Operation Settings – Additions and Improvements

Settings related to view operations have been added and improved.

The following view operation settings can be configured from [View Options] under the [Options] tab in the ribbon menu.

- Reverse the mouse scroll behavior for zooming
- Keep the Z-axis pointing upward on the screen
- Move the view center by clicking the button assigned to Focus  
(There is no change to the view zoom operation when dragging the button assigned to Focus.)



### **3 Supplied Controllers/Robots/instructions**

The updated controllers/robots/instructions in this release are as follows.

For all the controllers/robots/instructions provided by neoROSET, see Appendix in Operation Manual.

#### **3.1 Controller Library**

There is no controller library update.

#### **3.2 Robot Library**

There is no robot library update.

#### **3.3 Instruction**

There is no instruction update.

## 4 Resolved Items

The following items are resolved in this release.

- Added / Improved
  - Improved the simulation processing of the Action function so that signal changes are synchronized more accurately with model movement and rotation timing.
  - Improved the display specifications (upper limit display) of Life time in the Failure Prediction function.
  - Corrected the model geometry of the harness and 3-axis section of BA006L-A001.
  - Corrected the model geometry of the 1-axis section of MX700N-A001.
- Bug Fixes
  - Fixed display control issues related to the Hand-Guide function.
  - Fixed an issue where simultaneous operation of the A key and cursor keys was not allowed on CP110L-AC01 and RS025S-AC01.
  - Fixed an issue where an assertion could occur when selecting “Pitch by line type” in the Teaching points rule during Register.

## **5 Precautions**

The precautions when using the software is described below.

### **5.1 Installation**

If you installed an older version of the software, uninstall it first.

Uninstalling does not erase your created data.

### **5.2 Operating Environment**

See "90210 -1515 neoROSET Operation Manual Chapter 2.1" for operating environment.

### **5.3 License**

neoROSET requires license activation.

You cannot start neoROSET without a license.

For details about the license, see "90210 -1515 neoROSET Operation Manual 2.3 License."

### **5.4 User folders**

You cannot use folders that are synchronized or shared with services such as OneDrive as user folders. If a folder is subject to synchronization or sharing, open [Options]tab - [Options] - [Environment], and change the Reference for [MyKHILibraries].

### **5.5 Others**

For other restrictions, see "neoROSET Operation Manual Chapter 8.3 Overall neoROSET Restrictions".