Unit Replacement: G5 Motor

This section describes how to replace the G5-series Servo Motor.

① Turn OFF the power supply and replace the motor.
② Turn ON the power supply and go online.
③ Open the [Motor and Encoder] Tab Page.
④ Open the [Encoder Properties] screen.
⑤ Execute [Clear system].
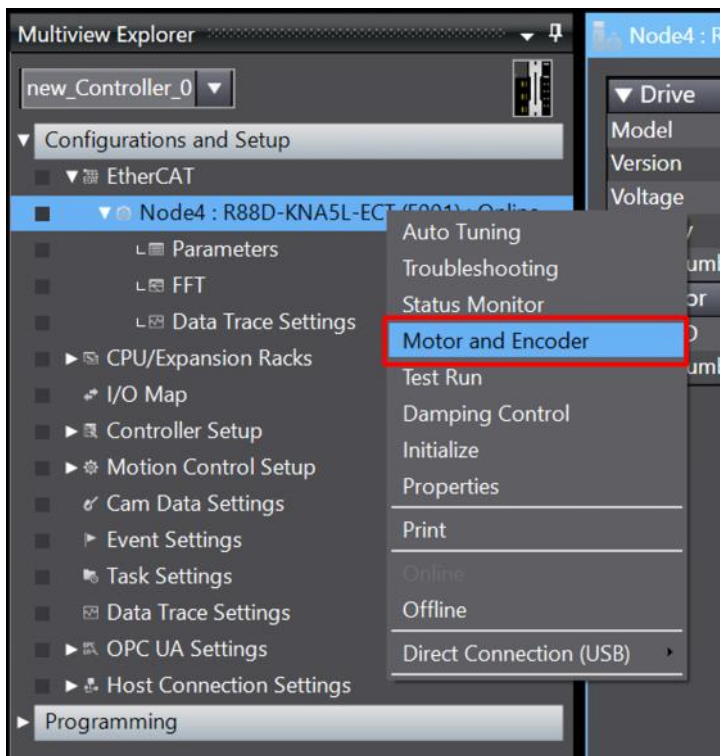⑥ Execute [Reset alarm].
⑦ Cycle the power supply.

Detailed Steps

① **Turn OFF the power supply and replace the motor.**

② **Turn ON the power supply and go online.**
Go online with the Controller to which the Servo Drive is connected by referring to "**Going Online with an NJ/NX Controller**".
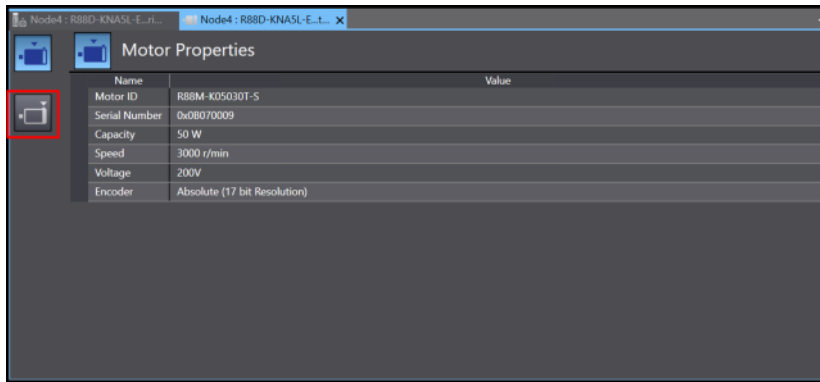
③ **Open the [Motor and Encoder] Tab Page.**
After replacing the motor, "40.0: Absolute value system down" occurs, so clear the multiple rotation data.
Right-click the Servo Drive connected to the motor that has been replaced from [Configurations and Setup] - [EtherCAT] in the Multiview Explorer, and select [Motor and Encoder].
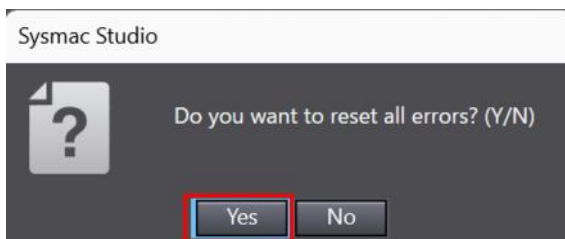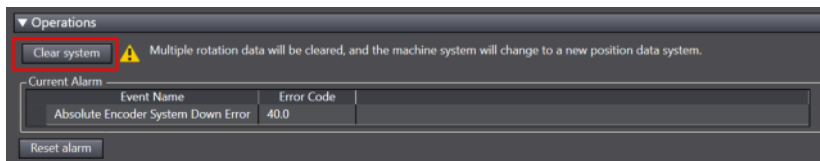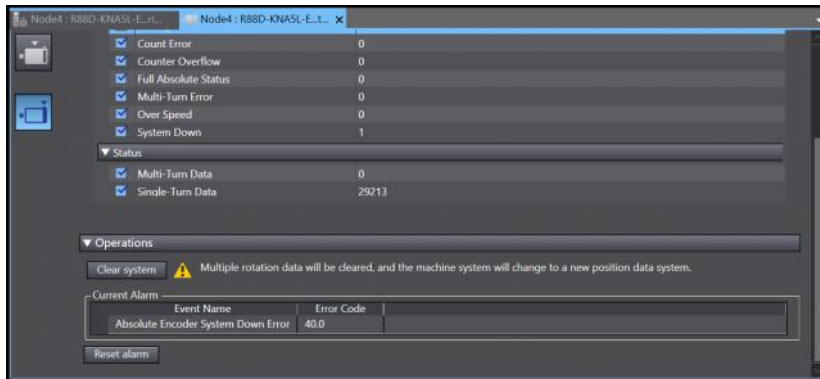

④ **Open the [Encoder Properties] screen.**
Click the button shown in the red frame in the figure below to open the [Encoder Properties] screen.
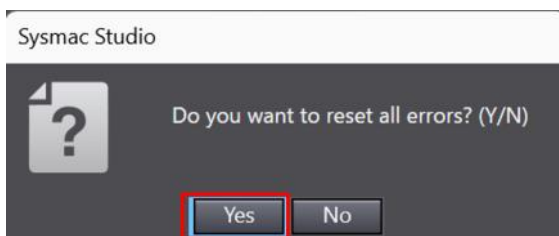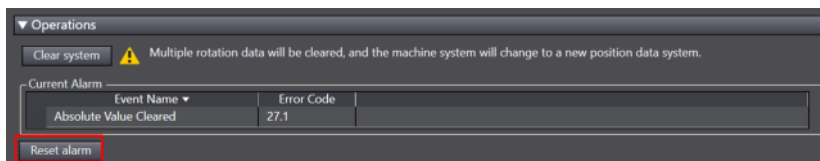
⑤ Execute [Clear system].
To clear the multiple rotation data, click the [Clear system] button.

⑥ Execute [Reset alarm].
The current alarms are listed as shown as in the figure below. Click the [Reset alarm] button.

⑦ Cycle the power supply.
The alarm shown in the list remains even after resetting alarms. Note that this alarm is resolved after cycling the power supply.

Remarks

▼ Operations

Clear system ⚠ Multiple rotation data will be cleared, and the machine system will change to a new position data system.

Current Alarm

Event Name ▼	Error Code	
Absolute Value Cleared	27.1	

Reset alarm