

## Sales and Service

### Precautions for Replacing QD74MH with QD77MS or RD77MS

Thank you for your continued patronage of the Mitsubishi Electric servo system controllers. Some errors were found in the parameter diversion specifications for Simple Motion Module Setting Function of MELSOFT GX Works2/GX Works3. Please check the following details, and pay special attention when diverting the QD74MH project data.

#### 1. Target Model

Programmable controller engineering software

Table 1. Target model

Product name	Model	Version
MELSOFT GX Works2	SW1DND-GXW2	1.570U to 1.575Z
MELSOFT GX Works3	SW1DND-GXW3	1.040S to 1.045X

#### 2. Error

When QD74MH project data is diverted to QD77MS/RD77MS project using the Simple Motion Module Setting Function of MELSOFT GX Works2/GX Works3, "Pr.2: Number of pulses per rotation" and "Pr.3: Movement amount per rotation" become opposite.

Table 2. Errata

	QD74MH project data → QD77MS/RD77MS project
[Incorrect]	Pr.0: Electronic gear numerator → Pr.3: Movement amount per rotation Pr.2: Electronic gear denominator → Pr.2: Number of pulses per rotation
[Correct]	Pr.0: Electronic gear numerator → Pr.2: Number of pulses per rotation Pr.2: Electronic gear denominator → Pr.3: Movement amount per rotation

#### 3. How to Correct

- (1) For programmable controller engineering software of the target versions:  
After diverting QD74MH project data to QD77MS/RD77MS project, correct the setting values of "Pr.2: Number of pulses per rotation" and "Pr.3: Movement amount per rotation" in "Basic parameters 1".  
(When the servo motor resolution is changed, correct it as well.)
- (2) For updated programmable controller engineering software with the versions listed in section 4:  
No actions required.

#### 4. Future Action

The Simple Motion Module Setting Function will be revised in the following versions:

Table 3. Applicable versions

Product name	Model	Version	Correction timing (scheduled)
MELSOFT GX Works2	SW1DND-GXW2	1.576A	July 2018
MELSOFT GX Works3	SW1DND-GXW3	1.046Y	June 2018

For more details, contact your local sales office.

<b>Date of issue</b>	June 2018	<b>Title</b>	Precautions for Replacing QD74MH with QD77MS or RD77MS	Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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