# TECHNICAL BULLETIN

**[Issue No.]** T12-0017 **[Page]** 1/3
**[Title]** Errors in writing in Type QD75P/QD75D Positioning Module User's Manual **[Date of issue]** June '04
**[Relevant Models]** QD75P1, QD75P2, QD75P4, QD75D1, QD75D2, QD75D4

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Thank you for your continued support of Mitsubishi programmable logic controllers, MELSEC-Q series.

We will inform you of corrections to be made to some errors in the program examples in "Version B (created October, 2000)" and "Version C (created June, 2001)" of Type QD75P/QD75D Positioning Module User's Manual (SH-080058).
The contents of this technical news are reflected on "Version D (created April, 2003)".

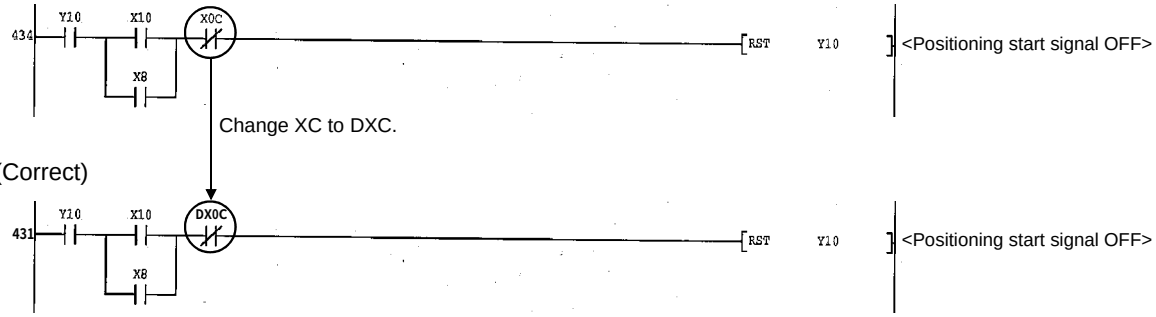
## 1. Locations of corrections

- "2) When positioning start signal (Y10) is used" in "No. 8 positioning start program" in Section 6.4 "Positioning program examples"
- "Program example for use when dedicated instruction is not used" in Section 14.4 "PSTRT1, PSTRT2, PSTRT3, PSTRT4"

## 2. Corrections

Correct the reset condition of the positioning start signal (Y10) as shown below.

(Wrong)




The program example shows an example of axis 1. The same applies to the other axes (axis 2 to axis 4).
The contents of this technical news also apply to the QD75M1, QD75M2 and QD75M4 positioning modules.

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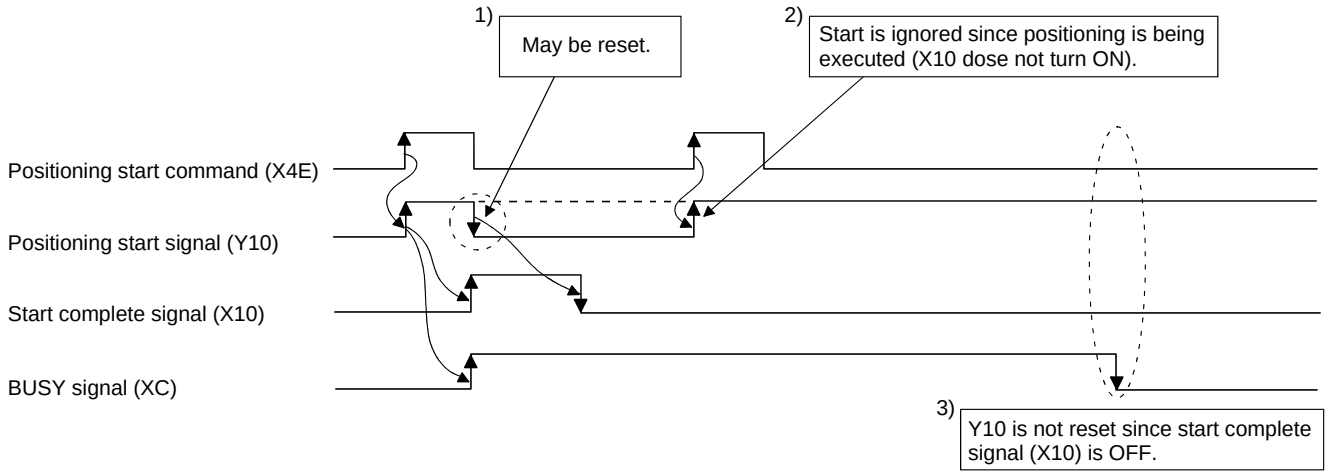
### 3. Operation performed when BUSY signal is not direct access input (DXC)

1) When the BUSY signal is not the direct access input (DXC), the positioning start signal (Y10) may be reset immediately after start complete (X10 ON). (Normally, it is reset when the BUSY signal (XC) turns OFF after positioning complete.)

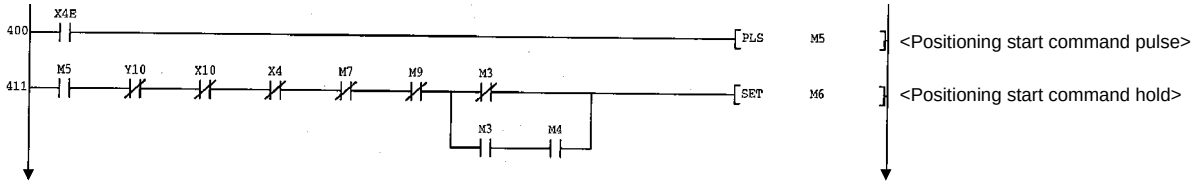
2) If reset, the positioning start signal (Y10) can be turned ON when the positioning start command (X4E in the program example) is turned from OFF to ON again, even though positioning is being executed. (Although Y10 cannot be turned ON under normal circumstances)
However, if the positioning start signal (Y10) is turned ON, a start is ignored and the start complete signal (X10) does not turn ON.
It is because the positioning module detects Warning 100 (start during operation).

3) Since the start complete signal (X10) is OFF, the positioning start signal (Y10) is not reset. And the next positioning does not start.




**< Positioning start program example described in User's Manual (before correction) >**

(2) When positioning start signal (Y10) is used
(When fast OPR is not made, contacts of M3 and M4 are not needed.)
(When M code is not used, contact of X04 is not needed.)
(When JOG operation/inching operation is not performed, contact of M7 is not needed.)
(When manual pulse generator operation is not performed, contact of M9 is not needed.)

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