

July 12, 2018

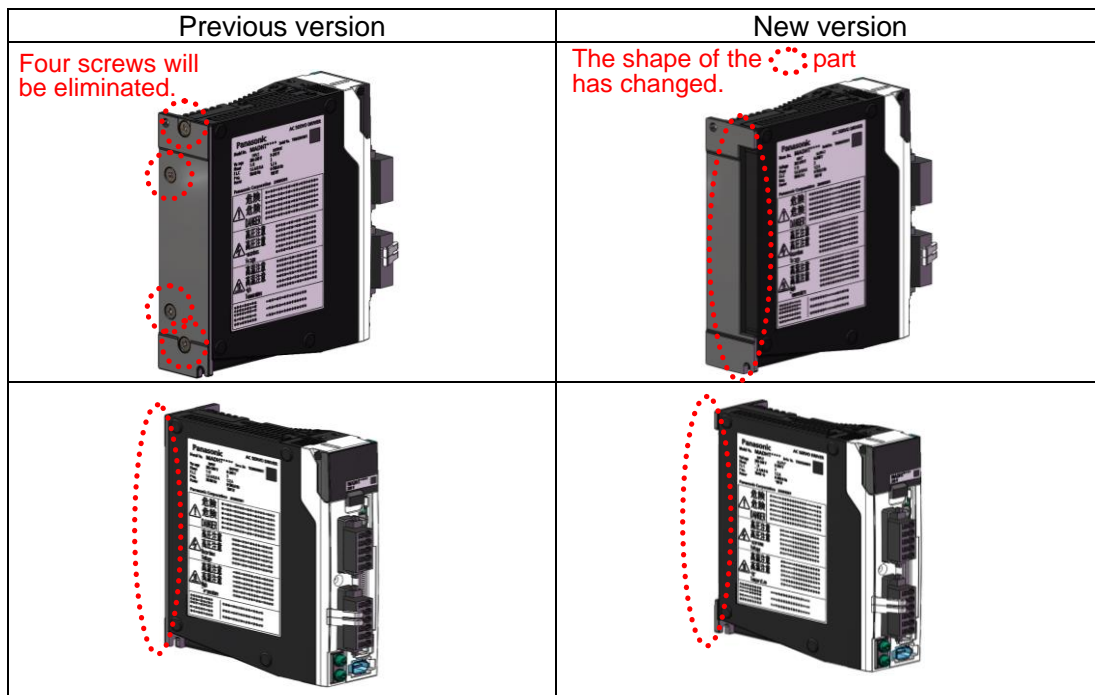
Motor Business Unit,  
Electromechanical Control Business Division,  
Automotive & Industrial Systems Company,  
Panasonic Corporation

**MINAS A5/A5II Series AC Servo Driver**  
**Notice on Change of Heat Sink Shape**

Thank you for your daily support and efforts to our business  
As titled, the shape of the heat sink of AC servo driver has partially changed.  
We would appreciate your understanding and cooperation with this matter.

- Affected models: All models of the MINAS A5 and A5II Series servo drivers  
\*A5II, A5L04/A5LA4, A5N21/A5ND1, A5N91/A5NL1, A5B21/A5BD1, A5B91/A5BL1, each series is targeted.
  - Affected part numbers: M A D H \* \* \* \* \*  
    - | |
    - | L-> Standard model with the 4<sup>th</sup> character being "H" or "K"
    - L-> Symbol whose 2<sup>nd</sup> character is "A" or "B": Models whose outer frame symbol is "A" or "B"
- \* For specific part number, please refer to page 3/4 and 4/4.

- Reason for the change: Standardization
- Schedule of the change: from Aug 2018 production onwards.
- Description of the Change: As shown in the chart below, the appearance of the heat sink back surface has partially changed.



### ■ Installation and Dimensions

Frame	Previous version	New version
A-frame		
B-frame		

There will be no changes to the characteristics, performance, or dimensions described in the external dimension drawing of the AC servo driver due to this specification change. There will also be no changes to the appearance as viewed from the front. There will also be no changes to the heat sink material or color.

Affected model number details

• MINAS A5 II Series

MADKT1105	MADKT1107	MADKT1505
MADKT1507		
MBDKT2110	MBDKT2510	

• MINAS A5L04 Series

MADHT1105L04	MADHT1107L04	MADHT1505L04
MADHT1507L04		
MBDHT2110L04	MBDHT2510L04	

• MINAS A5LA4 Series

MADHT1105LA4	MADHT1107LA4	MADHT1505LA4
MADHT1507LA4		
MBDHT2110LA4	MBDHT2510LA4	

• MINAS A5N21 Series

MADHT1105N21	MADHT1107N21	MADHT1505N21
MADHT1507N21		
MBDHT2110N21	MBDHT2510N21	

• MINAS A5ND1 Series

MADHT1105ND1	MADHT1107ND1	MADHT1505ND1
MADHT1507ND1		
MBDHT2110ND1	MBDHT2510ND1	

• MINAS A5N91 Series

MADHT1105N91	MADHT1107N91	MADHT1505N91
MADHT1507N91		
MBDHT2110N91	MBDHT2510N91	

• MINAS A5NL1 Series

MADHT1105NL1	MADHT1107NL1	MADHT1505NL1
MADHT1507NL1		
MBDHT2110NL1	MBDHT2510NL1	

• MINAS A5B21 Series

MADHT1105B21	MADHT1107B21	MADHT1505B21
MADHT1507B21		
MBDHT2110B21	MBDHT2510B21	

• MINAS A5BD1 Series

MADHT1105BD1	MADHT1107BD1	MADHT1505BD1
MADHT1507BD1		
MBDHT2110BD1	MBDHT2510BD1	

• MINAS A5B91 Series

MADHT1105B91	MADHT1107B91	MADHT1505B91
MADHT1507B91		
MBDHT2110B91	MBDHT2510B91	

• MINAS A5BL1 Series

MADHT1105BL1	MADHT1107BL1	MADHT1505BL1
MADHT1507BL1		
MBDHT2110BL1	MBDHT2510BL1	