



PROCEDURE

Servo Driver Board Replacement - TS150e

1.0 PURPOSE

This procedure provides technicians with instructions on how to replace the servo driver board on the TS150e.

2.0 SCOPE

The instructions apply only towards replacing the TS150e servo driver board.

3.0 APPLICABILITY

Only technicians responsible for making adjustments on the TS150e.

4.0 SUMMARY OF CHANGES / JUSTIFICATIONS OF CHANGES SINCE LAST REVISION

REVISION STATUS		
Rev.	Effective Date	Description of Change(s) & Justification of Change(s)
1.0	DEC 27 2018	Initial document.

5.0 DEFINITIONS

N/A

6.0 REFERENCES

N/A

7.0 RESPONSIBILITIES

TS150e technicians will be responsible for replacing the servo driver board.

8.0 MATERIAL/EQUIPMENT

- 8.1 Metric Allen Drive set
- 8.2 Metric wrench set (M4 wrench)

9.0 PROCESS MAP/FLOW CHARTS

N/A

10.0 PROCEDURE

- 10.1 Disconnect power, air, and data from the back of the mill.

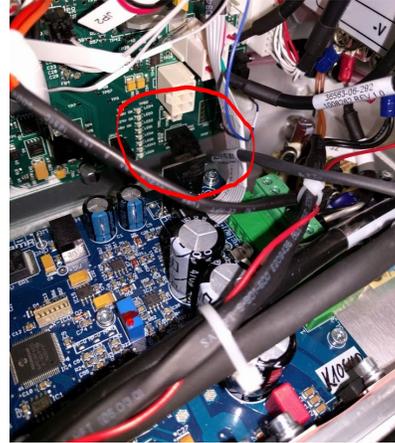


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10.2 Remove Rear Panel

10.2.1 Remove cap screws securing rear panel.

10.2.2 Supporting the panel to avoid stressing the fan power cable, disconnect the fan power cable.



10.3 Disconnect cables from the servo driver to be replaced.





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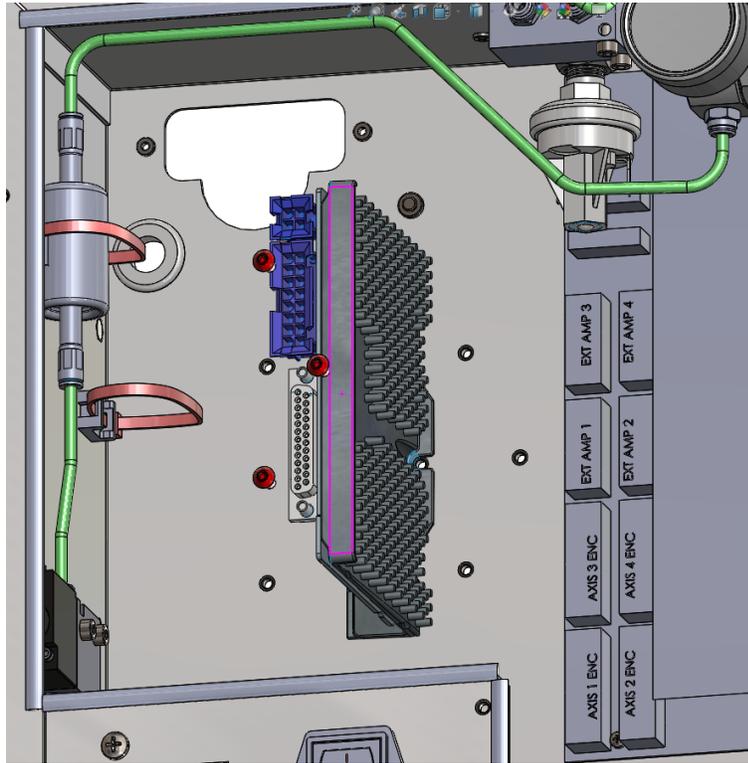
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- 10.4 Remove three socket head screws (shown in red) securing driver card to enclosure.



- 10.5 Install new driver servo board where previous board was installed.

NOTE: EACH BOARD IS PROGRAMMED WITH SPECIFIC AXIS RELATED FIRMWARE. BOARDS CANNOT BE SWAPPED WITHOUT THE PROPER FIRMWARE LOADED FROM THE FACTORY.

- 10.6 Reattach cables to new board, reattach fan power cable and reinstall rear panel.
10.7 The mill is now ready to resume normal operation.

11.0 REQUIRED PROPERTIES

N/A

12.0 DOCUMENTATION

N/A

END OF DOCUMENT