

m908 Ravenna Field Installation Manual

Rev A

Table of Contents

1 Assembly Steps..... 2
 1.1 m908 Ravenna Installation..... 2

Document Revision History

Rev	Page	Change	Date	Initials
A		Initial Release	3/31/21	AGV

1 Assembly Steps

1.1 m908 Ravenna Installation

Materials:

Part #	Description	QTY
AT188	m908 Ravenna Option PCBA	1
H035	4-40 X 1/4 CP SC SS PS (2x Re-used cover plate screws)	4
H180	#4 Spring Lock Washer ST ZN	2
WA191	50 Position Ribbon Cable Assembly 2mm x 3"	1
WA192	3 Position Jumper 3" MTA-100 24AWG	1

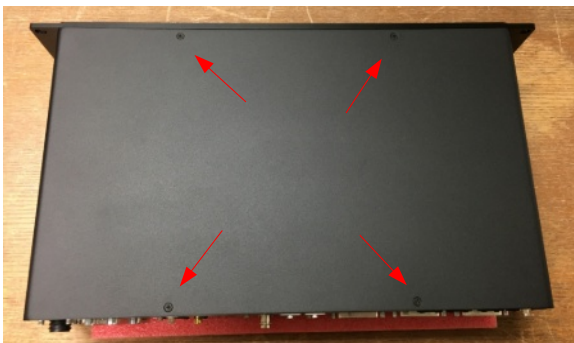
Tools:

- #2 Phillips Screwdriver
- 3/32" Allen Wrench

Procedure:

1. Place the m908 ACU on a workbench and remove the top cover. There are 4x #2 Phillips screws on the top and 2x on each side.

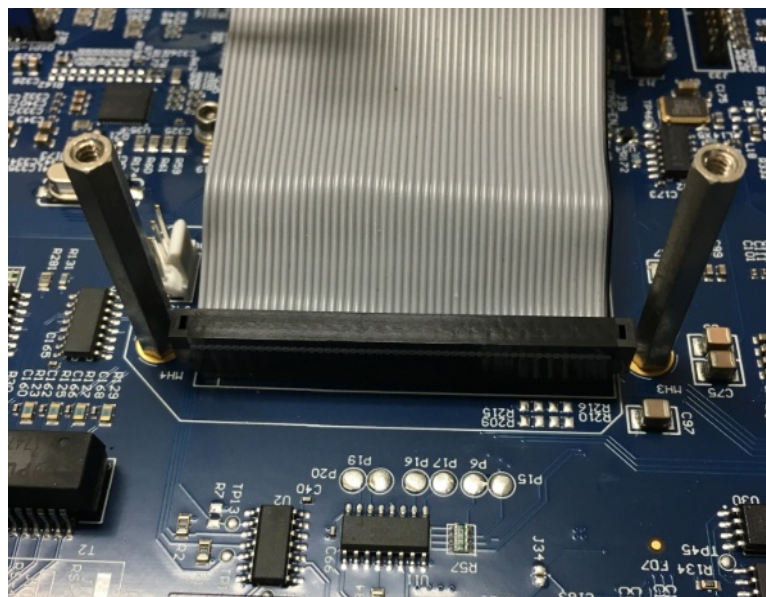
*****Circuit boards can be DAMAGED by static electricity! Be sure to ground yourself before handling or touching the circuit boards!*****



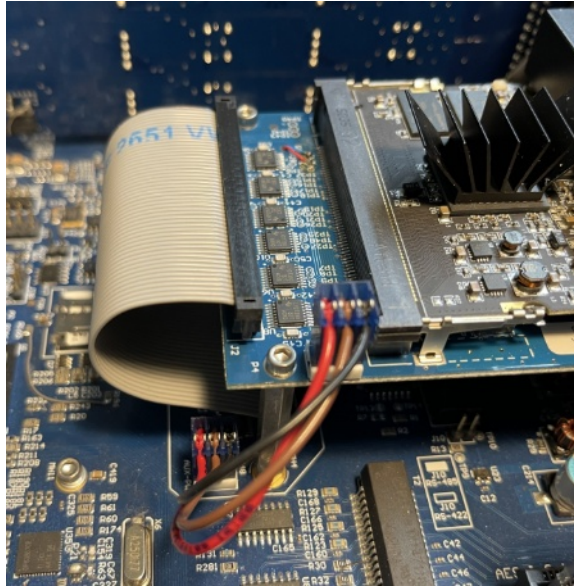
- Remove the option slot cover plate. There are 2x 3/32" Allen head screws. Retain these screws for the option card install.



- Connect the WA191 ribbon cable to J8 in the Aux I/O section of the m908 digital board.
****Be very careful to align the pins properly!! Once alignment is correct, press down firmly to seat.****



- Place the AT188 Ravenna option card on the standoffs and through the option slot. Secure it with the two 3/32" Allen screws that were previously removed to the chassis. Use the included two 3/32" Allen screws with spring lock washers to secure it to the standoffs. Connect the 3 position jumper wire to J48 in the Aux I/O section of the m908 digital board.



- Re-install the top cover. Place the serial # label under the option card on the back. This concludes the m908 Ravenna option installation.

