

# NGRP-AOLF Installation manual

## DISCLAIMER:

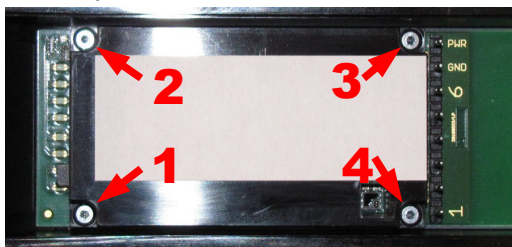
*This procedure is only allowed by personnel trained and authorized by INID.*

## Prerequisites:

Perform these actions on a workbench in a suitable location. Take appropriate measures against ESD damages of the equipment. Always disconnect the power supply of the unit.

## Step by step instructions

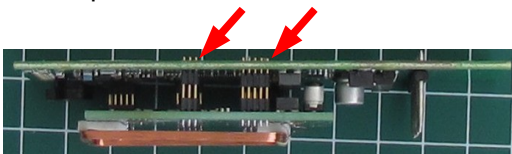
1. Place the reader with its front on the workbench.
2. Remove the backplate if present.
3. Ensure the power to the reader is disconnected – remove the eight pin connector from the reader if any wires are connected to it.
4. Remove the four screws that keep the electronics cover on the reader in the order specified:



5. Remove the electronics cover.
6. Remove the printed circuit board from the reader.
7. Fit the NGRP-AOLF module on the reader printed circuit board. Pay attention to the correct orientation:

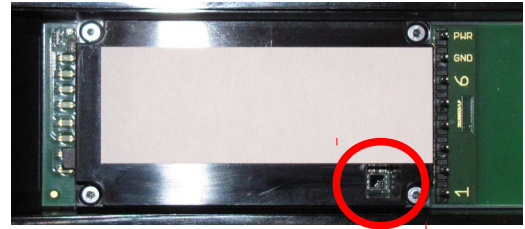


8. Make sure that all pins are properly lined up and inserted:

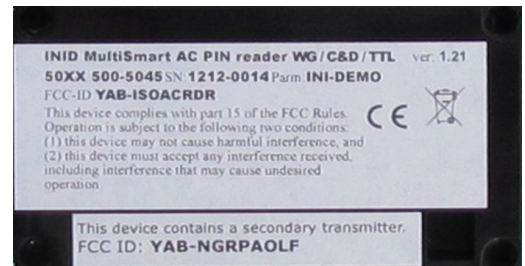


9. Place the reader printed circuit board with the NGRP-AOLF module back in the reader enclosure.

10. Replace the electronics cover over the four pins with the square opening over the tamper sensor near pin 1 of the 8 pin connector.



11. Replace and tighten the four electronics cover screws in the reverse order listed in step 4. Avoid excessive force to prevent damage to the housing and screw posts.
12. Connect power to the reader, load the parameters for the low frequency module and perform a functionality test with the appropriate ISO14443 and low frequency proximity cards. The reader will beep on a successful card read.
13. Add additional product label:



14. Remount or repackage the reader with the appropriate labels.

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