



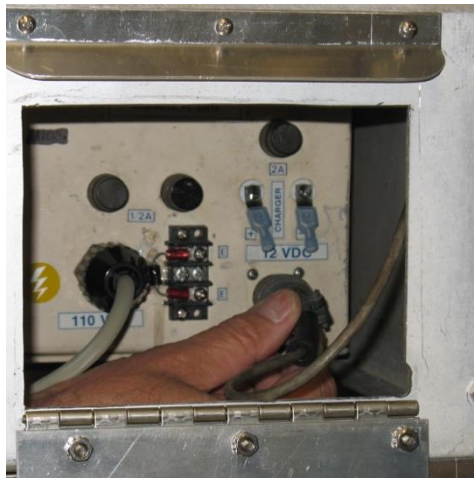
## MDN Grid Sensor Replacement, ACM Collector

### Items needed:

- replacement grid sensor
- medium-sized, straight blade screwdriver
- medium-sized, Phillips head screwdriver
- MDN Observer Form (MOF) for current week's sample

### Instructions:

1. Disconnect the sensor from the motorbox by unscrewing the connector.



2. Unscrew the four screws securing the sensor to the frame of the collector. Be careful not to drop or misplace the screws as they will be re-used with the replacement sensor.



3. Remove the old sensor and set aside for return to the NADP Network Equipment Depot (NED).

- Retrieve the new sensor. Thread its cable through the hole in the collector body, and secure the sensor using the 4 screws that were removed in a previous step.



- Note the slot in the connector attached to the sensor cable. Align the sensor connector with the corresponding motorbox connector. Tighten the connector to the motorbox.



- Record comment and date in Block 9 (**Remarks**) of the MDN Observer Form (MOF).

<b>9. REMARKS</b>	<i>For example: equipment malfunction, extreme weather conditions, contamination, farming, burning, logging, leakage, etc.</i>
<i>Sensor replaced at 8:45 am on 07/03/2012.</i>	

- Return the old sensor to the NED. Include a note describing the problem with the sensor.

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