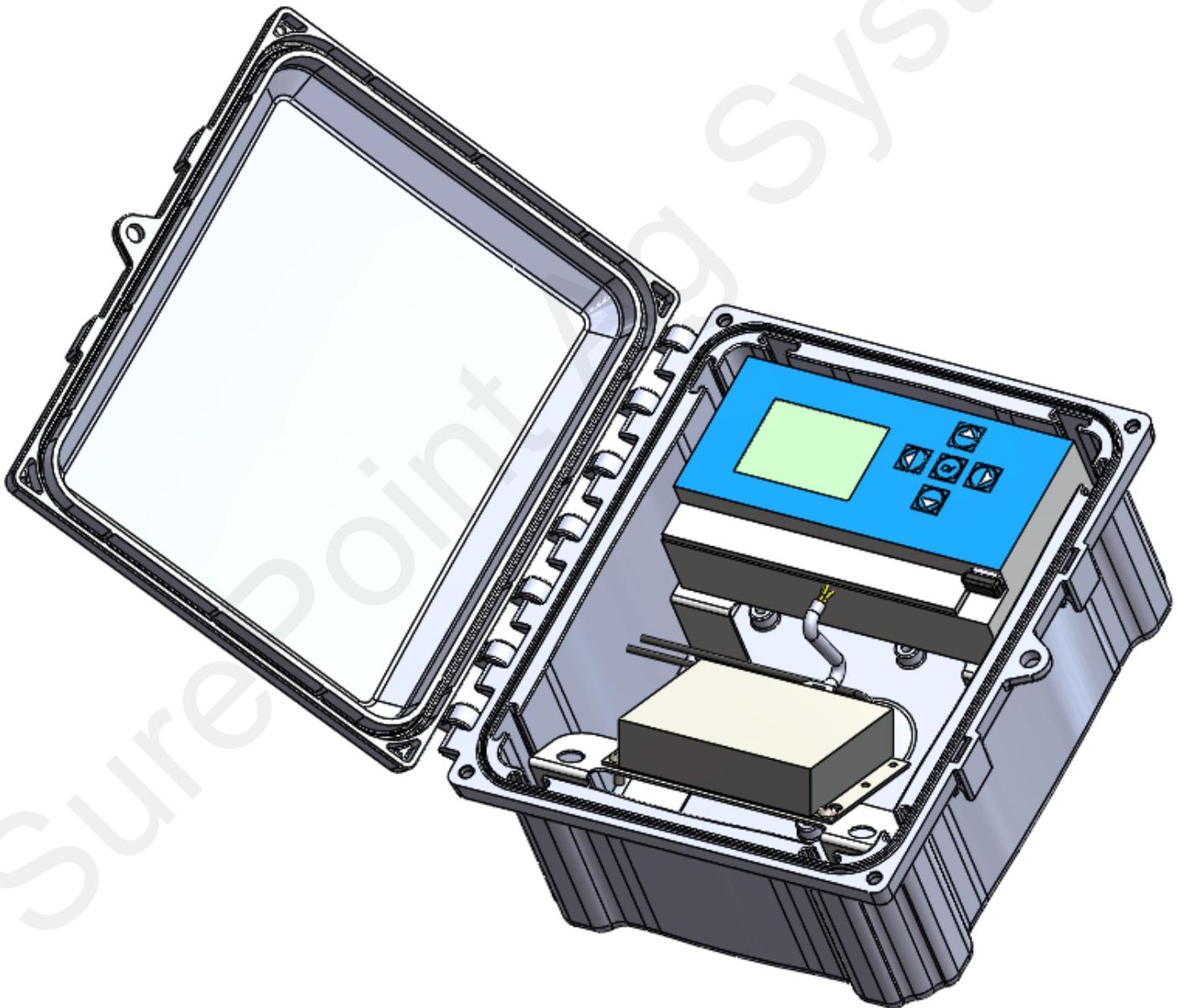




396-3272Y1

Marksman Remote Access Modem Installation Manual

Kit Number: 546-02-600100

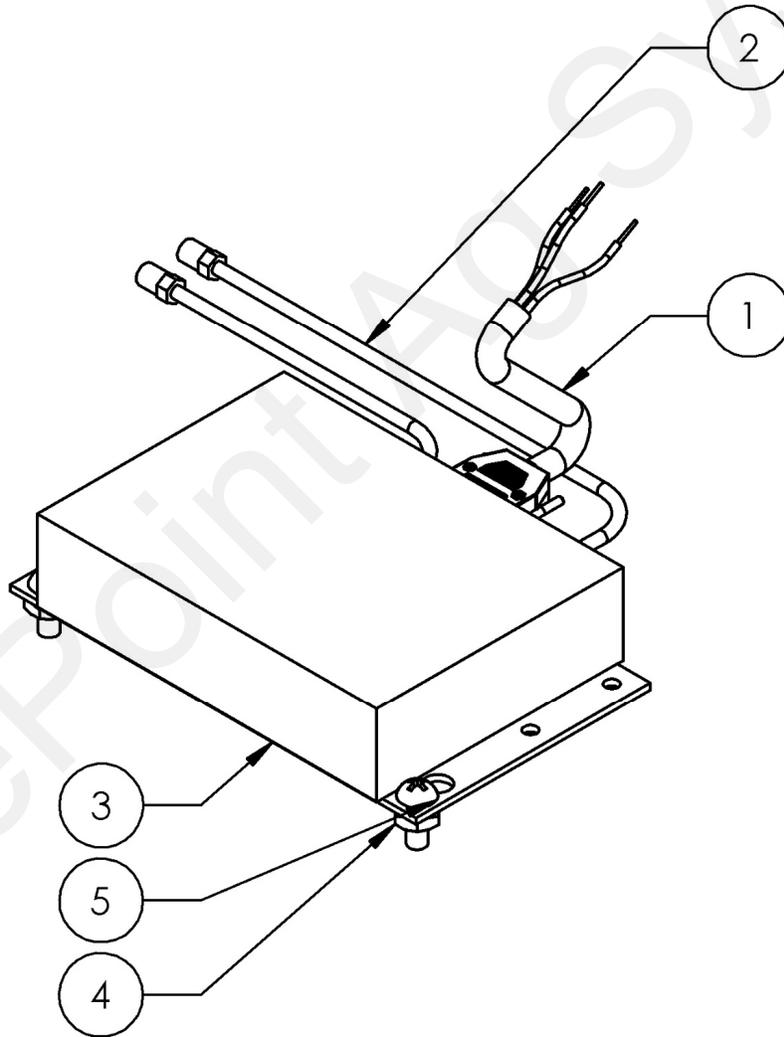




Parts List and Exploded View

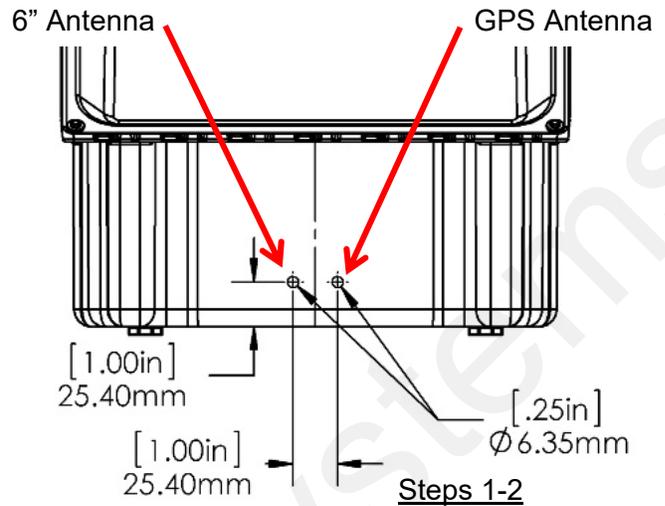
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	208-08-3258Y1	Marksman Remote Access Modem Serial Cable (connects modem to FW Controller)	1
2	217-CBE-SAF3OLGT-SAMGT-12IN	Cable Assembly, SMA, Jack, Blkhd, O-ring, crimped to	2
3	217-MTCMR-C2-GP-N3-US	MultiTech Modem for Marksman Remote Access	1
4	320-1024	Size 10 Hex Nut - 24 Thread Count	2
5	340-100008-24	Machine Screw - Size 10 x 1/2" - 24 Thread Count	2

Note: GPS Antenna and 6" antenna are included in MultiTech Modem box.

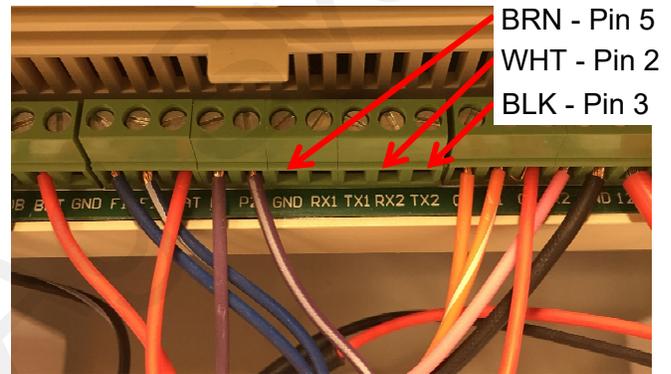


Step by Step Instructions

1. Drill two (2) 1/4" diameter holes in the left (hinge) side of the controller enclosure for GPS and cellular antennas. *Note: See suggested dimensions, right.*
2. Install bulkhead fitting of the two (2) antenna cables (Item 2) in the drilled hole. Install 6" antenna on the left and GPS antenna on the right (as shown).



3. Wire flying leads of the serial cable (Item 1) to the controller as shown. Connect BRN wire to GND, WHT wire to RX2, BLK wire to TX2 port. Connect DB9 cable to modem.
4. Connect antenna cables, DB9 cable and power supply to modem. *Note: The power supply is included in the main controller harness.*

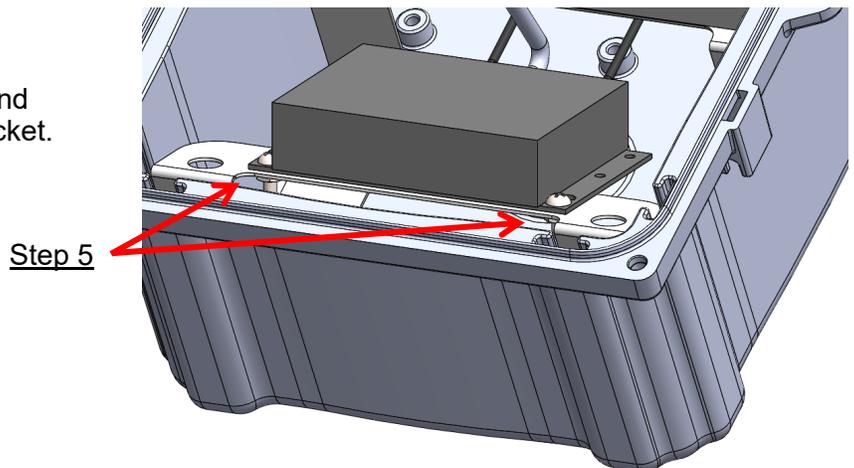


Step 3



Step 4

5. Using a Size 10 x 1/2" machine screw and hex nut, attach modem to mounting bracket. Wrench tighten.



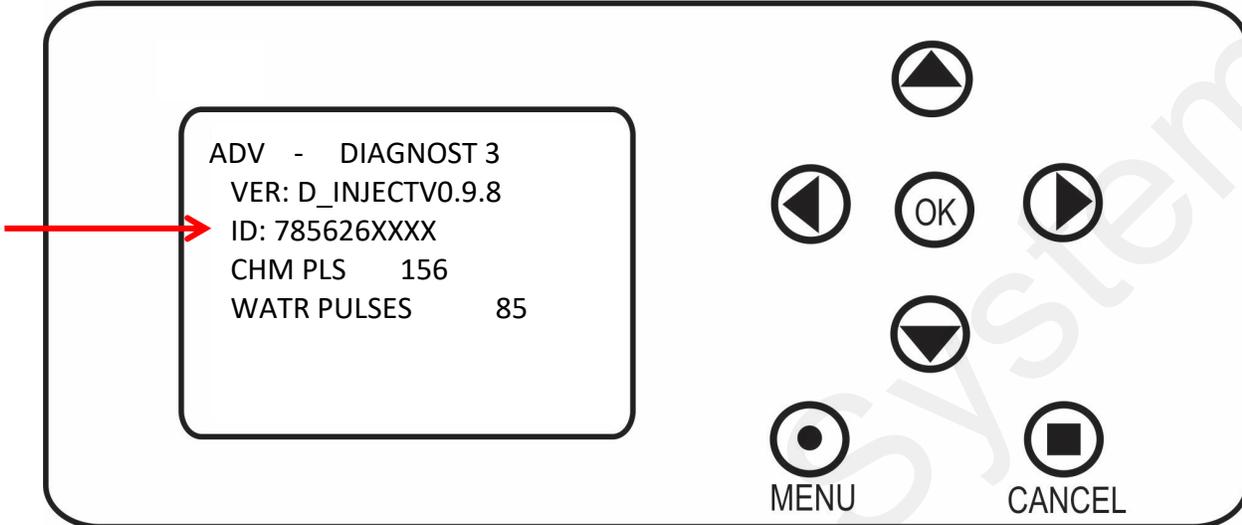


Controller Settings

On the Diagnostic 3 page in the Advanced Menu:

-"ID:" should list the modem's cell number

Note: Upon initial startup, this may take 2-5 minutes to populate



On the Cell Diagnostic screen in the Advanced Menu:

SIG

This shows the strength of the cell phone signal. This value will vary from about 70—100. Below it is a cell phone strength graph using "*". No * means you have no cell phone signal. One * is a weak signal up through a very strong signal of four *.

CONN

This displays the actual status of the cell modem. This will display "SCKT LSTN" most of the time. "SCKT OPN" will be displayed when trying to communicate. If it says "NO PDP", then there is a problem or bad signal

MODEM

This field must be set to ENBL (Enable) if a cell modem is attached.

TIME ADJ:

Enable this to automatically update the controller date and time with the date and time from the cellular network. This feature can be disabled and the time set manually. This may be desirable if you are near a time zone change and the cellular network may pickup a tower in the adjacent time zone.

PH #:

This is the phone number that will be sent text messages any time the unit starts or stops. Set the phone number on the controller using the arrow keys to set each digit. The phone number to send text messages to can also be changed from the website.

