

CHANGING DATASTORM UPPER CONTROL BOARD

OLD STYLE AND NEW STYLE,
WITH & WITHOUT COMPASS



PRESENTED BY:
DATASTORM OF **FLORIDA** INC.

BEFORE YOU BEGIN

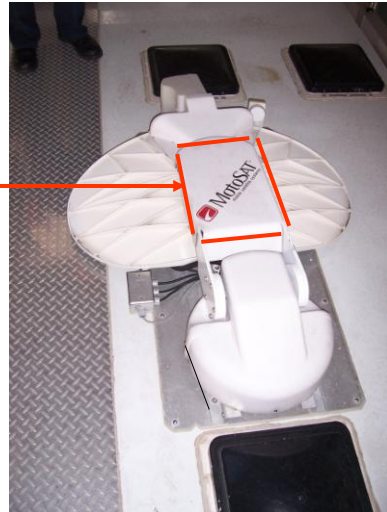
- WAIT -

DON'T TOUCH THE PRINTED CIRCUIT
ONLY HANDLE THE EDGES

OLD STYLE REPLACEMENT

OLD STYLE IS LOCATED HERE,
BETWEEN THE REFLECTOR ARMS
UNDER THE WHITE PLASTIC DUST
COVER

TOOLS NEEDED
NEEDLE NOSE PLYERS
PHILIPS SCREW DRIVERS
SIZES #1 ,#2 & #3
PAPER TOWELS



OLD STYLE UCB

REPLACING THE OLD STYLE UCB

REMOVE WHITE PLASTIC DUST COVER
BY REMOVING THE 4 PHILIPS SCREWS,
EACH SIDE HAS 2 SCREWS AS SEEN HERE

ONCE THE COVER IS REMOVED
YOU WILL SEE THE UCB



OLD STYLE UCB

BE CAREFUL NOT TO TOUCH THE SURFACE OF THE PRINTED CIRCUIT



THE UCB IS THE PRINTED CIRCUIT WITHIN THE DARK GRAY BOX WITH THE CLEAR PLASTIC COVER.

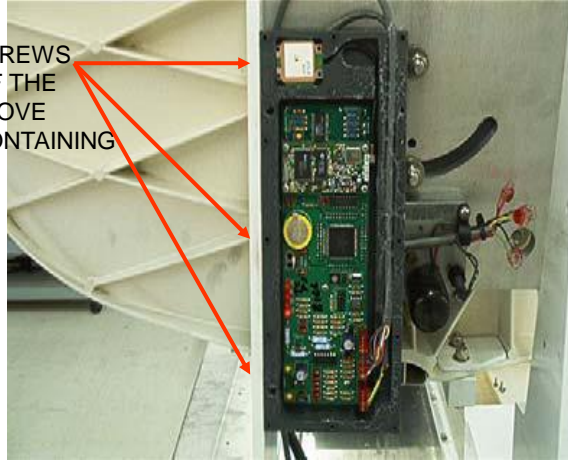
OLD STYLE UCB

1ST REMOVE THE SCREWS & THE CLEAR PLASTIC COVER. NEXT UNPLUG THE WIRE HARNESS.



OLD STYLE UCB

NEXT REMOVE THE 3 SCREWS FROM THE LEFT SIDE OF THE REFLECTOR ARM & REMOVE THE DARK GRAY BOX CONTAINING THE PRINTED CIRCUIT.



OLD STYLE UCB

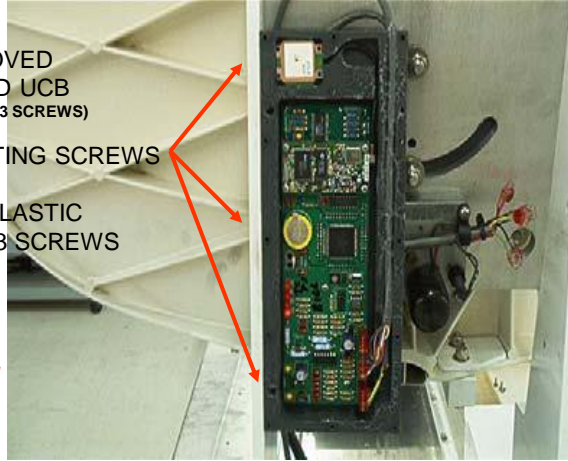
ONCE THE OLD UCB IS REMOVED
REMOUNT THE REFURBISHED UCB
(WITH THE CLEAR COVER STILL ON WITH 13 SCREWS)

NOW REPLACE THE 3 MOUNTING SCREWS

THEN REMOVE THE CLEAR PLASTIC
COVER BY REMOVING THE 13 SCREWS

WARNING

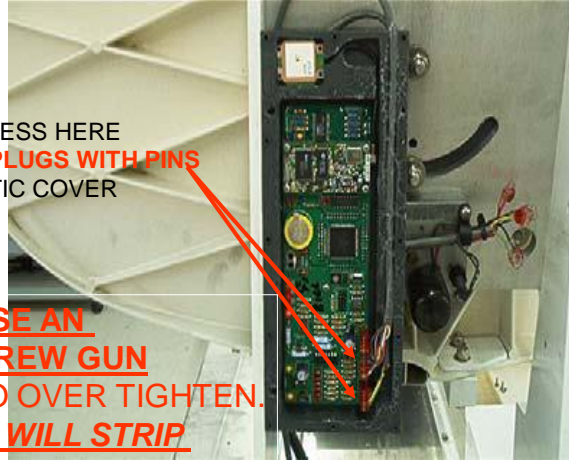
BE CAREFUL NOT TO TOUCH
THE PRINTED CIRCUIT



OLD STYLE UCB

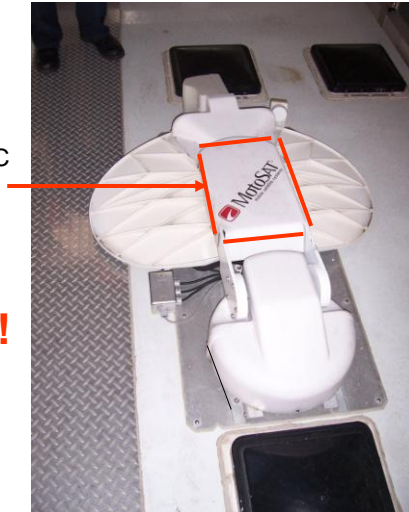
RE PLUG IN THE WIRE HARNESS HERE
BE CAREFUL TO RE ALIGN PLUGS WITH PINS
REPLACE THE CLEAR PLASTIC COVER
WITH ALL 13 SCREWS

DO NOT USE AN
ELECTRIC SCREW GUN
BE CAREFULL **NOT** TO OVER TIGHTEN.
THESE SCREWS WILL STRIP
TIGHTEN BY HAND



COMPLETE REPLACEMENT

REPLACE THE WHITE PLASTIC
DUST COVER & SCREWS



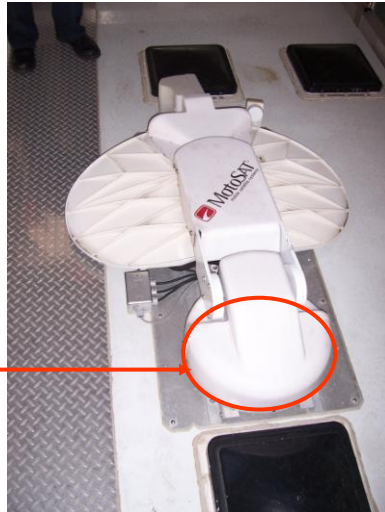
CONGRADULATION!
YOU DID IT!

NEW STYLE REPLACEMENT

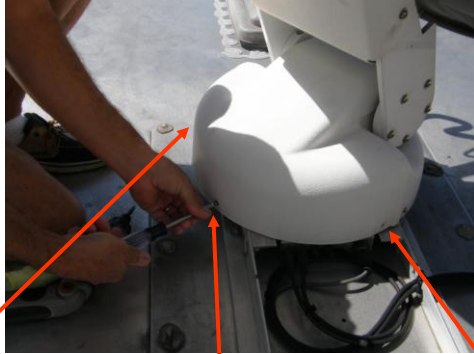
TOOLS NEEDED

NEEDLE NOSE PLIERS
PHILIPS SCREW DRIVERS
SIZES #1 ,#2 & #3
PAPER TOWELS

NEW STYLE IS LOCATED HERE,
ON THE BASE OF THE DATASTORM
UNDER THE WHITE PLASTIC DUST
COVER



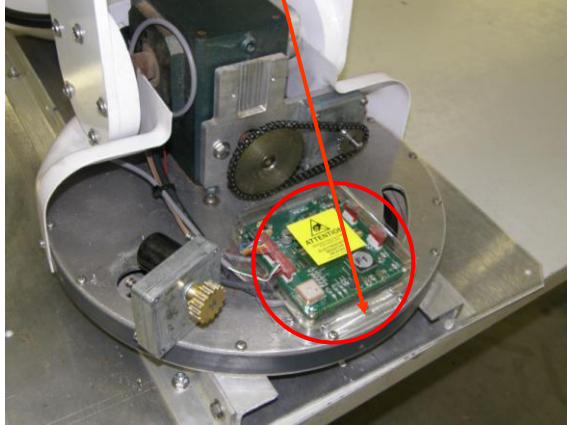
NEW STYLE UCB



REMOVE 3 SCREWS USING A PHILIPS SCREW DRIVER

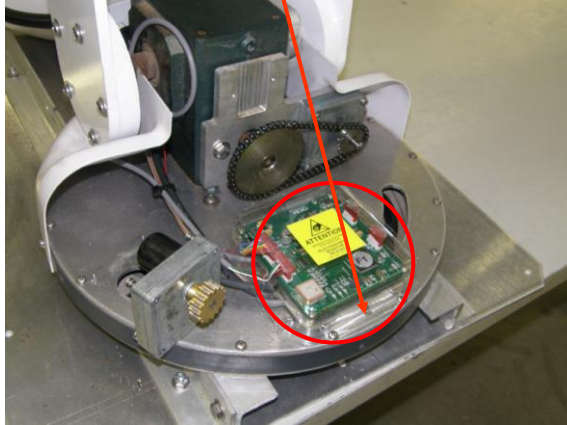
NEW STYLE UCB

REMOVE THE CLEAR PLASTIC DUST COVER
BY REMOVING 1 PHILIPS SCREW



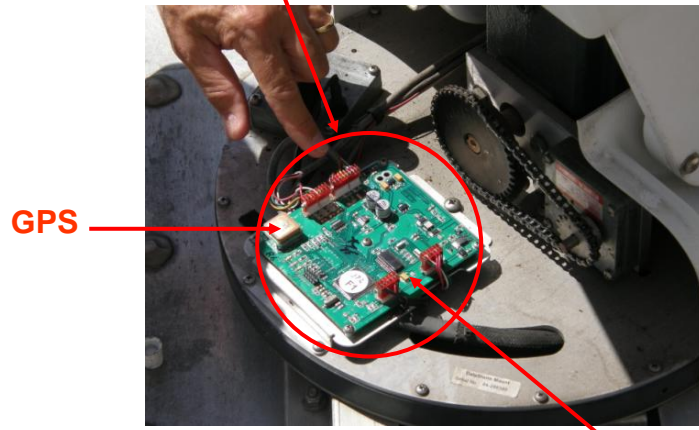
NEW STYLE UCB

REMOVE THE CLEAR PLASTIC DUST COVER
BY REMOVING 1 PHILIPS SCREW



NEW STYLE UCB

BE CAREFUL NOT TO TOUCH THE
PRINT CIRCUIT, **ESPECIALLY THE GPS**



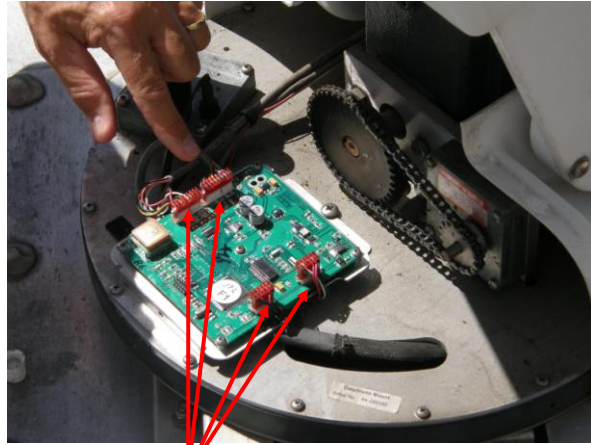
LOCATED ON THIS UCB IS THE **COMPASS CHIP**.
THIS CHIP IS NECESSARY ONLY FOR DATASTORMS WITH A **D2 CONTROLLER**.

NEW STYLE UCB



REMOVE THE 5 PHILIPS SCREW WHICH SECURE THE PRINTED CIRCUIT

NEW STYLE UCB



CAREFULLY REMOVE THE 4 WIRED PLUGS FROM THE PRINTED CIRCUIT
NOW CAREFULLY REMOVE THE PRINTED CIRCUIT
WHILE ONLY TOUCHING THE EDGES
REMEMBER, DO NOT TOUCH THE PRINT CIRCUIT, **ESPECIALLY THE GPS**

NEW STYLE UCB

**NOW CAREFULLY REPLACE
THE NEW PRINTED CIRCUIT**

- WAIT -

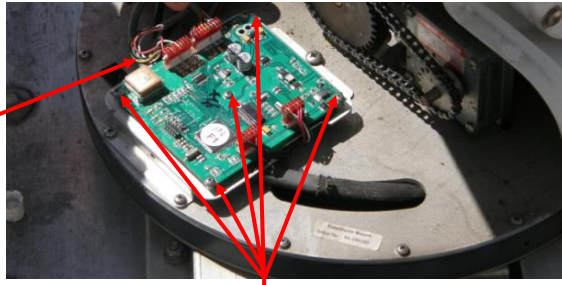
ONLY TOUCH THE EDGES

NEW STYLE UCB

RE INSTALL THE NEW REFURBISHED PRINTED CIRCUIT

**NOW CAREFULLY *REPLACE*
THE NEW PRINTED CIRCUIT
*ONLY TOUCHING THE EDGES***

REMEMBER,
DO NOT
TOUCH THE
PRINT
CIRCUIT,
ESPECIALLY
THE GPS



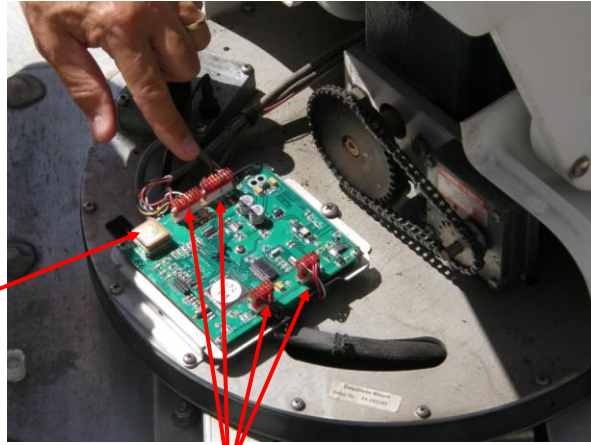
**DID I TELL
YOU, NOT
TO TOUCH
THE PRINT
CIRCUIT?**

REPLACE THE 5 PHILIPS SCREW WHICH SECURE THE PRINTED CIRCUIT

NEW STYLE UCB

RE INSTALL THE WIRE HARNESES

REMEMBER,
DO NOT
TOUCH THE
PRINT
CIRCUIT,
ESPECIALLY
THE GPS



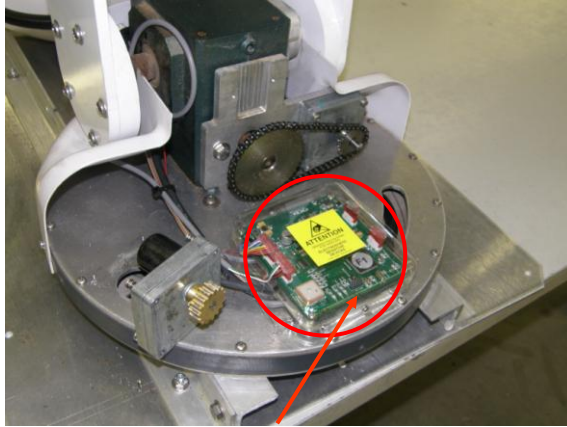
DID I TELL
YOU, NOT
TO TOUCH
THE PRINT
CIRCUIT?

CAREFULLY REPLACE THE 4 WIRED PLUGS ONTO THE PRINTED CIRCUIT
BE CAREFUL TO **RE ALIGN PLUGS WITH PINS**

NEW STYLE UCB

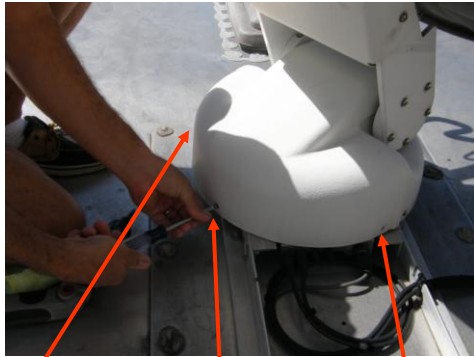
REPLACE THE 5 PHILIPS SCREWS WHICH SECURE THE PRINTED CIRCUIT

ONLY TOUCH THE EDGES OF THE PRINTED CIRCUIT



REPLACE THE CLEAR PLASTIC DUST COVER
WITH SCREW AND RESECURE

NEW STYLE UCB



REPLACE THE COVER AND THE 3 SCREWS

CHANGING DATASTORM UPPER CONTROL BOARD

CONGRADULATION!
YOU DID IT!



PRESENTED BY:
DATASTORM OF ***FLORIDA*** INC.

UPON COMPLETION, WHEN YOU POWER UP THE CONTROLLER, THE LIGHTS WILL FLASH WHICH INDICATES THAT THE CONTROLLER IS UPDATING THE UPPER CONTROL BOARD. WHEN THE LIGHTS ON THE CONTROL STOP FLASHING, BEGIN A DISH CALIBRATION, AND THEN YOUR DONE.