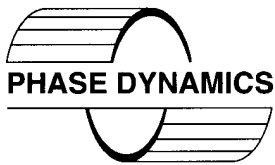


# Oscillator Removal/Installation Routine



- **Tools Needed**
  - Standard screwdrivers
  - 9/64 inch hex, long (at least 8" shaft length) Allen Hex driver
- **Please print off this presentation and make notes on any page which are appropriate to your situation.**
- **Technical help can be obtained through email at:**
  - [sales@phasedynamics.com](mailto:sales@phasedynamics.com)
  - Phone number is USA 1-972-680-1550 - press "0" for operator and ask for technical help, Our Time is Central Time USA, open 8:00-17:00.



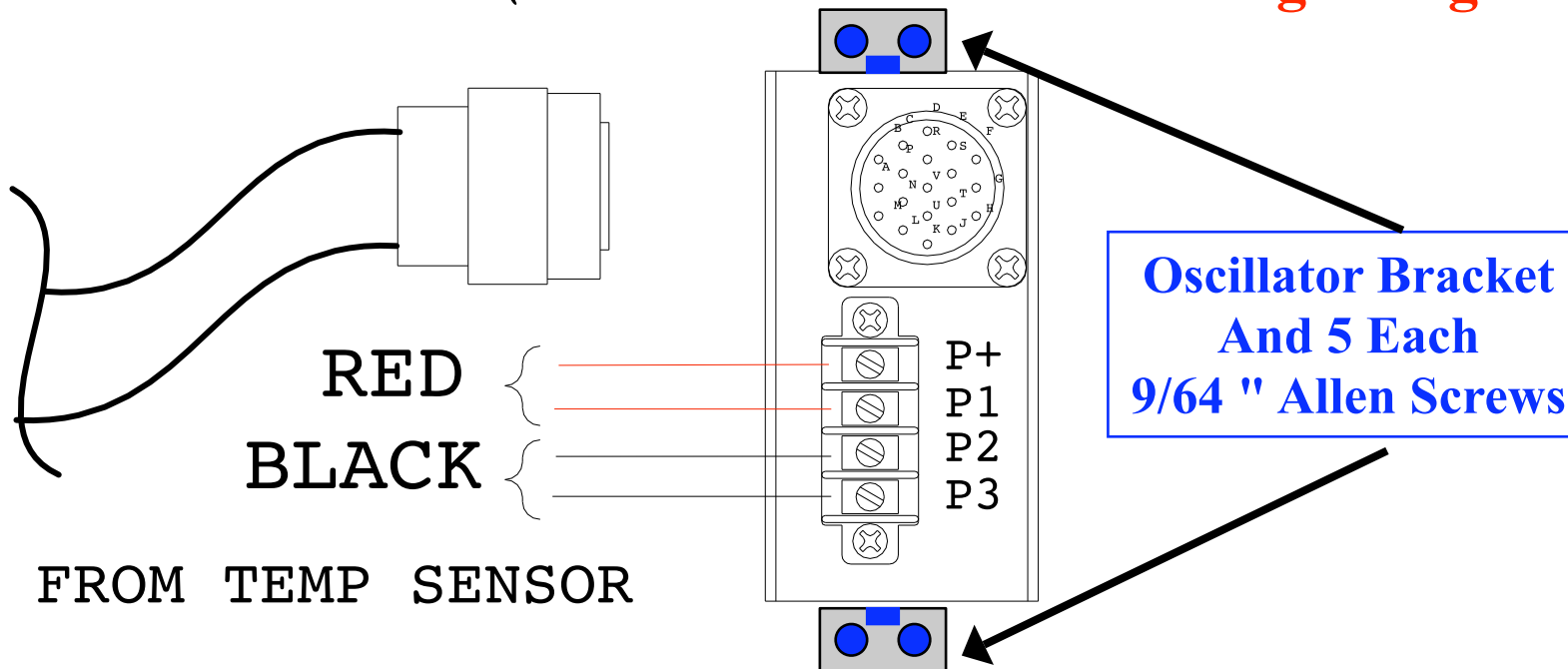
# Oscillator Brackets and Wiring

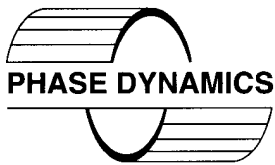


**Turn Power to Main Electronics  
OFF**

## OSCILLATOR MODULE

Inside Sensor (Measurement Section) **Before Beginning!**

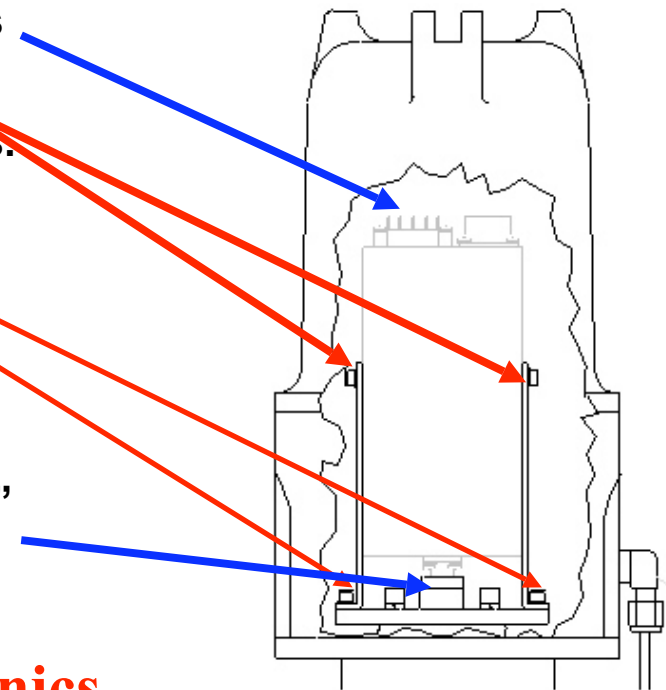




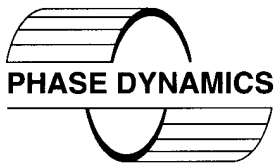
## Removing Oscillator in Enclosure



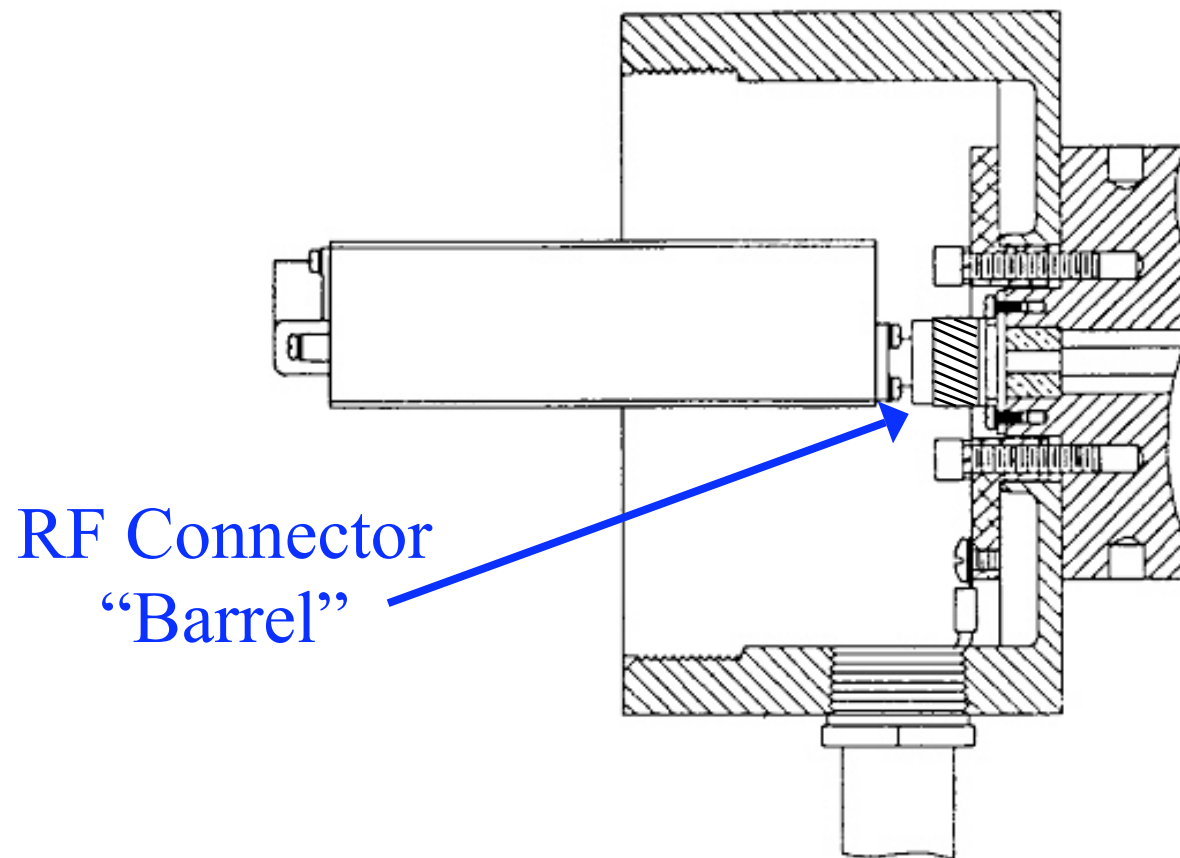
- **Disconnect Military Connector and RTD Wires**
- **Loosen two Outer screws on brackets and then the four at the bottom. Remove brackets. If mounted in the vertical position lift screws and Lockwashers with brackets so not to lose them. Hardware is Stainless steel so if you drop them inside you must get them out with pliers not a magnet.**
- **Loosen RF connector in the front by rotating oscillator while holding RF Connector "barrel" with a finger of your other hand.**



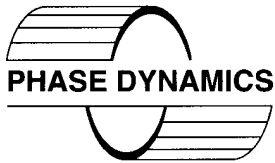
**Turn Power to Main Electronics  
OFF  
Before Beginning!**



# RF Connector Location



RF Connector  
"Barrel"



# Installation of Oscillator Into Enclosure



- Screw Oscillator onto RF “Barrel” until almost tight.
- Position “Barrel” and Oscillator such that when it becomes tight the oscillator is positioned so the larger dimension “a” is toward the conduit hole in the enclosure.
- Alternatively rotate the oscillator and reposition the “barrel” until the bracket holes align and the oscillator is snug (tight but not overly tight). If tightened too much the RF connector or the gold pins can be damaged.
- Install the brackets first with the bottom screws. Keep screws loose until all screws are in place. Be certain that Oscillator is aligned properly so it will not shift when the screws are tightened.
- Install RTD wires. Sequence is Red-Red Black-Black (or Black-Black Red-Red)

