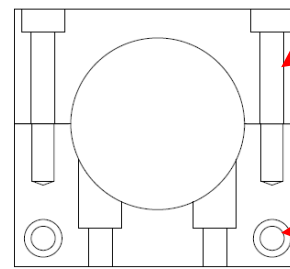
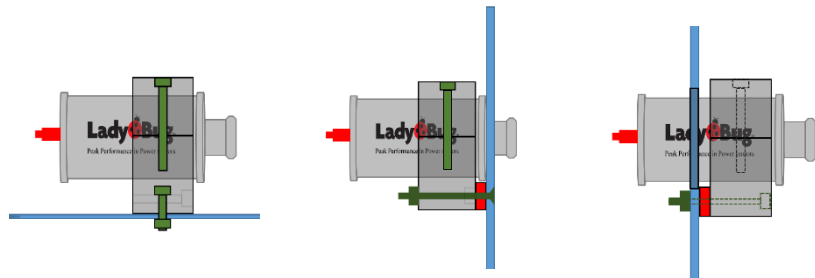


# LB956A Mounting Bracket Overview

Opening designed for a perfect, secure mount for your sensor. Top half designed for easy sensor removal.

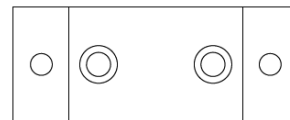
Three mounting methods

- Base Plate Mounting
- Face Plate Mounting Inside Instrument
- Face Plate Mounting Outside Instrument

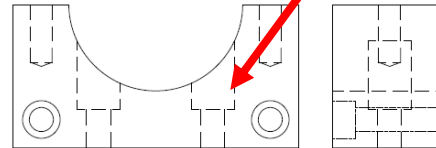


Counter sunk holes for #10 screws to secure the sensor top and bottom clamp

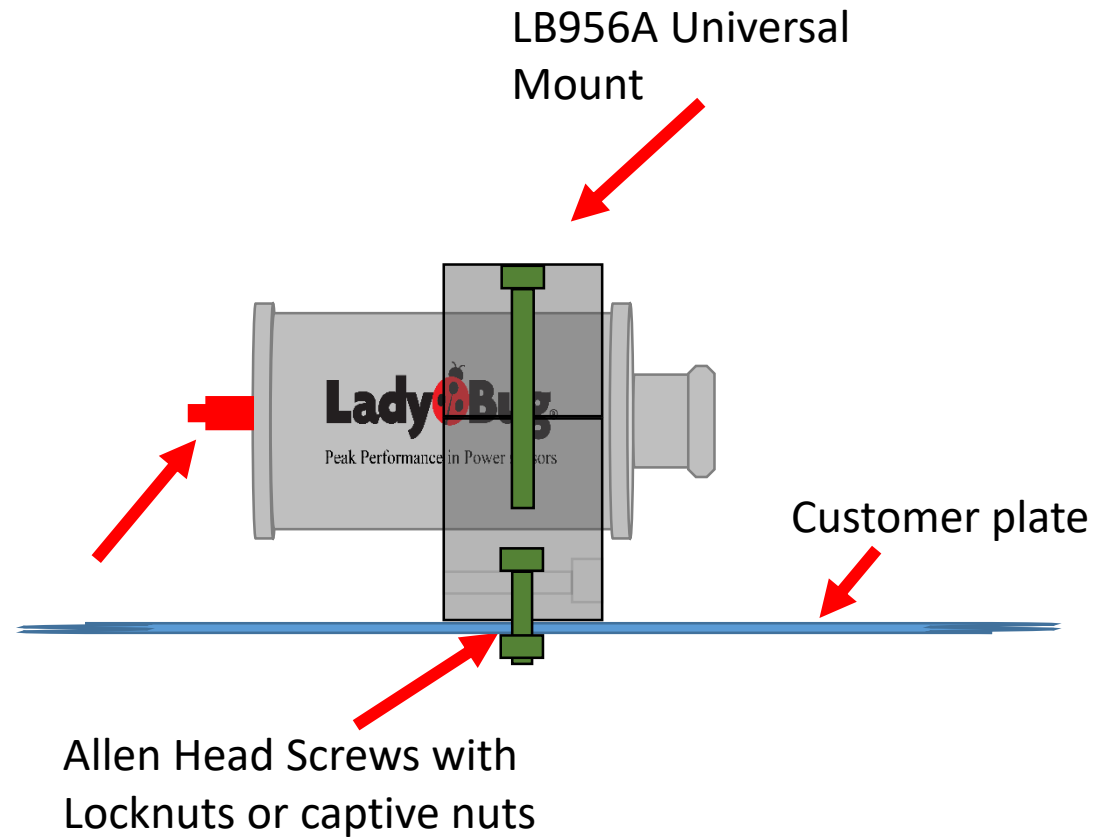
Counter sunk holes for #10 screws for front or rear rack plate mounting



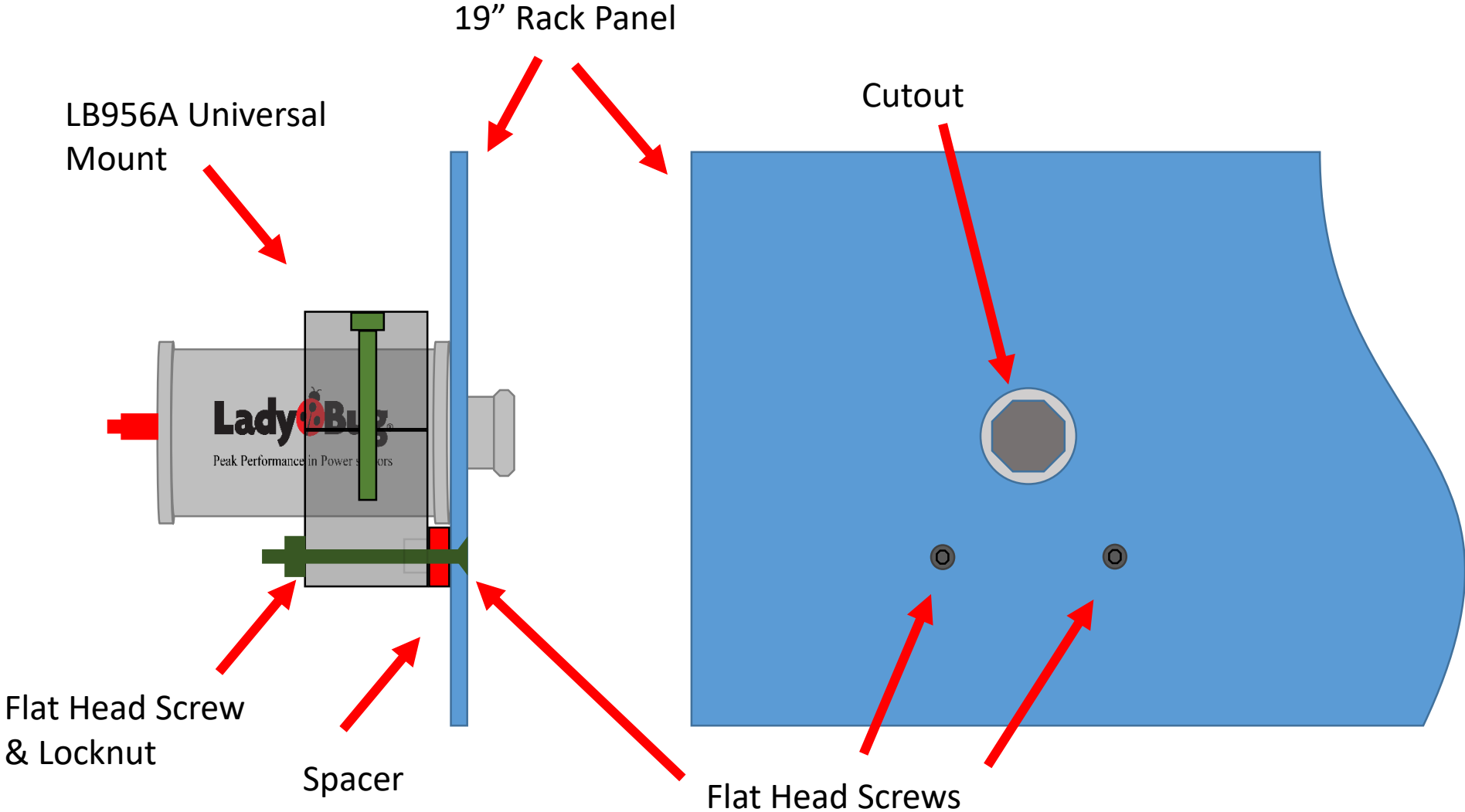
Counter sunk holes for #10 screws for base plate mounting



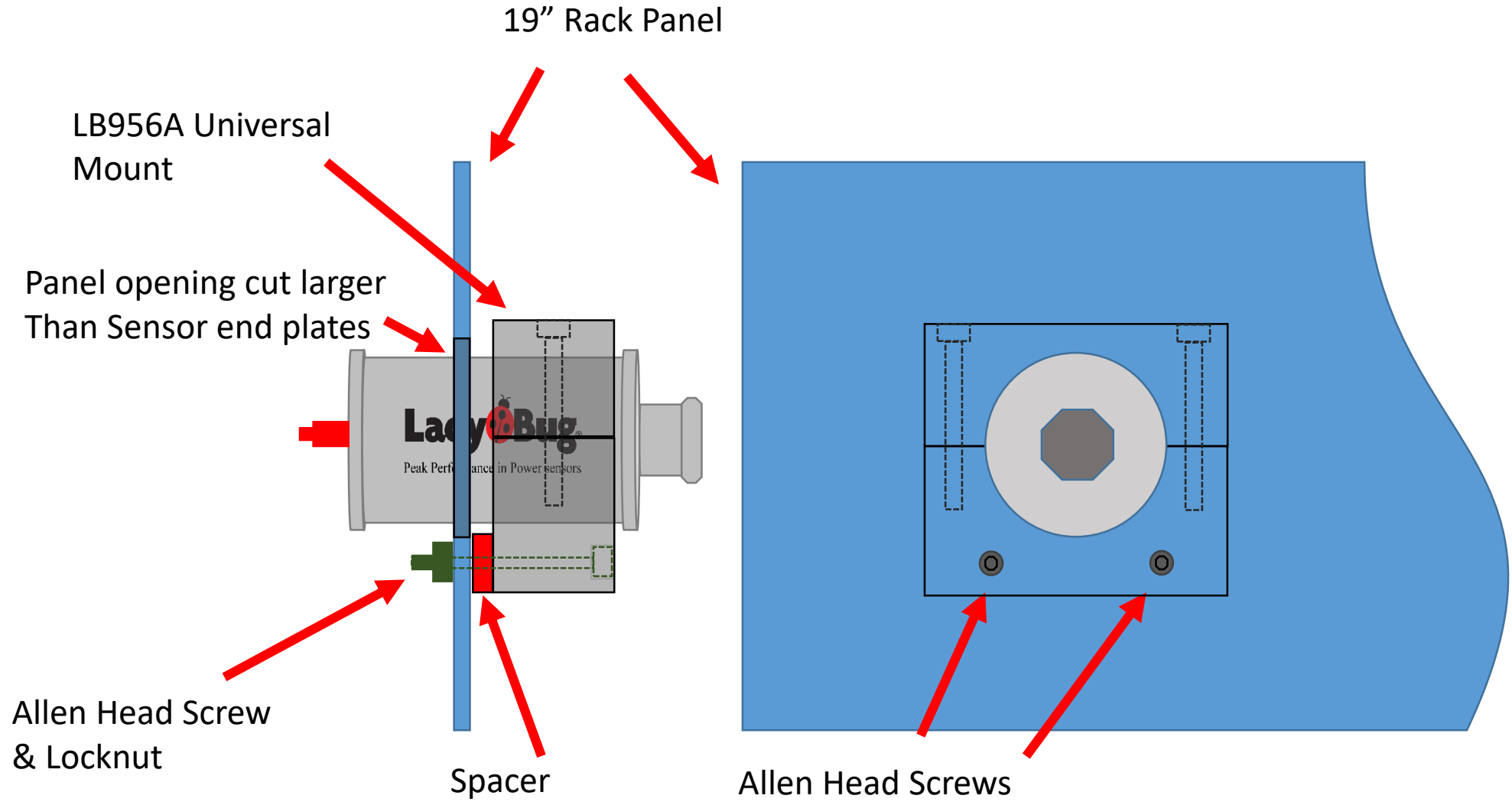
# Sensor mounted flat on a mounting plate



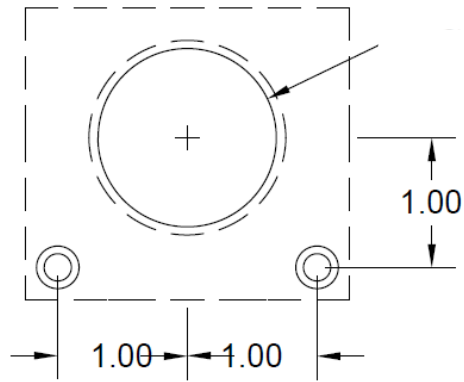
# Sensor mounted at rear of panel



# Sensor mounted for front panel access



# Mounting Dimensions



Front or rear mounting:

When mounting sensor through hole, such as for easy removal for calibration, enlarge hole so that sensor rear sensor bulkhead has adequate clearance with lower mounting in place. Recommended dimensions are minimum.

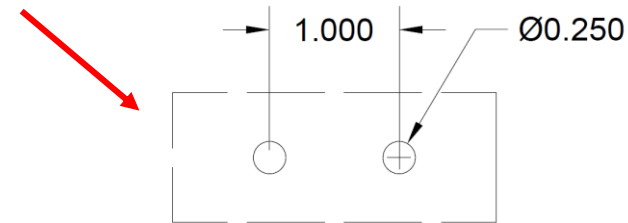
Included screws for rear panel mounting are 82 degree flathead #10-32 by 1.75". Head OD 0.411" approx. Recommended drill 0.200" + countersink for flathead.

Recommended large bore opening for:  
Type-N = 1.375" Dia (As Drawn)  
SMA or 3.5mm = .750"

Sensor through hole mount (minimum opening):  
LB5900 = 1.750"  
LB4XX/5XX/6XX = 1.6875"

Base plate mounting:

Allow adequate space for RF and USB cables



Recommend drilling pattern.  
Mounting holes .250" +/- .001"  
2 places 1.000" apart.

# Included Items

Material: Black UHMW or similar.

Package includes:

1 set top and bottom bracket

1 Spacer  $\frac{1}{4}$ " X  $\frac{1}{2}$ " Black UHMW or similar

2 #10-24X1  $\frac{1}{4}$ " top clamp screws.

2 #10-32X  $\frac{9}{16}$ " bottom clamp mounting screws

2 #10-32X  $\frac{3}{4}$ " optional bottom clamp mounting screws

2 #10X32 captive nuts

4 #10-32 nylon locking nuts for optional plate, front or rear mounting

2 #10X32X 1  $\frac{3}{4}$ " flat head (allen) screws for rear panel mount

2 #10X32X 1  $\frac{3}{4}$ " Socket head (allen) screws for front panel mount

The captive nuts require a  $\frac{1}{4}$ " diameter hole and a mounting plate greater than .056" thick.