



## **TPP-TP-042 Pontiac Windage Tray**

### **Installation Instructions:**

For use with 3.750, 4.000, 4.210 Stroke  
(4.250" Stroke Will Require Spacer Kit # TPP-TP-WTS)

**\*\*Not for use with any stroke over 4.250"\*\***

**\*\*When using a block that did not come factory with a windage tray, you must mill a flat spot in top of #2 & #4 main caps & drill and tap bolt holes in them. This will allow you to secure the windage tray. Space windage tray accordingly. See below.\*\***

Temporarily bolt the windage tray to main caps. Check for Main stud or bolt clearance. Also if you have aftermarket billet main caps, check for tray hitting the edges of the caps. (Outer flange may need to be cut off windage tray). Rotate the crankshaft 360 degrees and check for counterweight and rod clearance.

\*Sometimes modifications can be done by slightly bending the metal in areas that are making contact. If more clearance is needed, install flat washers in between windage tray and main cap on each 5/16 installation bolts\*(Min. clearance .060") (Tray may hit oil pump after spacing). After this has been completed, place dipstick tube (**part # APE-N300**) in ½ hole in tray. Line up with block dipstick tube and insert tray tube into block tube. Then line up tray holes with main cap threaded holes. Insert 5/16-18 x ¾ bolts and lock washers. Be sure to put **Loctite** on these bolts. Torque to 24 ft. lbs.

Email [tech@butlerperformance.com](mailto:tech@butlerperformance.com) if you have any questions.