



241 040 INSTRUMENT PANEL MOUNT INSTALLATION NOTES

These notes are intended to accompany the exploded parts diagram. Please read them thoroughly before proceeding and keep them on file for future reference.

1. This mount is intended to hold a small, light piece of (typically) electronic equipment in a convenient place and orientation for the user. One end bolts to your instrument panel; the other end accepts the cradle that came with your equipment. In between is an assembly that allows adjustment in 2 axes: up & down and left & right.
2. We at Angerole, Inc are proud of the products we make and expect them to give long and satisfactory service when used as intended. However, we explicitly do not warranty our products and we explicitly do not claim fitness for any purpose whatsoever. If you fit this mount or have it fitted, the responsibility for and consequences of doing so are yours.
3. No instruction sheet or notes can substitute for common sense.
4. If you do not agree with and accept the above statements, please return this mount for a refund.
5. Assuming you've read this far and still want to fit this mount, this is what you do:
6. Please check you have all the parts. There should be 6 aluminum pieces, some nuts, bolts and washers and 3 allen keys.
7. Note that two of the parts, the Panel Adaptor (part #2) and the Plate Mount (part # 6) look very similar. The difference is the Plate Mount has two threaded holes, the Panel Adaptor does not.
8. We recommend the following assembly sequence:
 - a. Fit the Universal AMPS Plate (part # 8) to the Plate Mount (part # 6) with the two 10-32 countersunk screws (part # 9). Tighten the screws with the 1/8" (medium) allen key.
 - b. To the sub-assembly you just made, add the Elbow Axle (part # 4). The tapered end of the Axle engages with the corresponding tapered hole in the Plate Mount and is retained by the 1/4 UNC button head screw (part # 5) and washer (part # 4). You'll need the 5/32" (large) allen key to do up the bolt.
 - c. Fit the Elbow Receiver (part # 3) to the other end of the Elbow Axle in the same way: engage the tapered section in the mating hole, insert the screw and washer and tighten.
 - d. Note that the taper provides an extremely reliable, vibration proof connection between parts. The bolt's function is simply to press the tapers together and it doesn't need to be very tight to do it. In fact, if you do overtighten the bolt, you might never be able to get the mount apart to adjust it. Actually, this is why we supply short allen keys. We suggest practicing with the parts in your hand to get a feel for this before fitting the mount.

- e. Fit your GPS cradle to the Lateral AMPS Plate with the four 6-32 cap head bolts (part # 16) and washers (part # 15). Tighten with the 7/64" (small) allen key.
9. Bolt the Panel Adaptor (Part # 2) to the 2 1/4" Blanking Plate (Part # 1) using the 10-32 Socket Head Cap Screws (Part # 12), Washers (Parts # 11 & 13) and Nylock Nuts (Part #14)
10. Bolt the Blanking Plate (Part # 1) to any suitable unused 2 1/4" instrument hole in your panel using the 6-32 Countersunk Screws (Part # 17)
11. Alternatively, if you don't want to use or don't have a spare 2 1/4" hole, you can drill two holes in your instrument panel and bolt the Panel Adaptor (Part # 2) on directly. Using the Panel Adaptor (Part # 2) as a drill guide, drill two 5mm (10-32 clearance) holes where you want the mount to go. If you want to mark out the holes, they're on 1.500" (38.1mm) centres. Holes cannot be undrilled so please make sure you get this step right before cutting metal. Also, and this is very important, have a look behind the panel before drilling to make sure you have room to fit the nuts and don't accidentally drill holes in something unseen but vital. As always, common sense is your best guide.
12. Attach the Adaptor to the panel with the two 10-32 Socket Head Cap Screws (Part # 12), Washers (Parts # 11 & 13) and Nylock Nuts (Part #14)
13. Fit the tapered part of the Elbow Receiver in the corresponding hole of the Panel Adaptor and retain it with the last 1/4" bolt and washer.
14. Adjust your mount to suit your preference.
15. Please feel free to write to us at ron@angerole.com with any questions or comments you may have.

Lastly, and to restate how we started these Installation Notes, if you fit this mount or have it fitted, you own both the mount and any problems it may cause. Your last chance to get your money back is to return the mount unused and in a timely manner. If you do so, we will make a full refund.