



THE AUTOMOTIVE LIGHTING BENCHMARK

INSTALL GUIDE

1 BANGER FLUSH MOUNT BRACKET

BAF146



WARNING: IT IS THE INSTALLERS RESPONSIBILITY TO CONFIRM COMPLIANCE WITH STATE AND LOCAL LAWS. BY READING THIS DOCUMENT, YOU AGREE IT IS ONLY TO BE USED AS AN EDUCATIONAL GUIDE. MORIMOTO LIGHTING NOR ITS DEALERS MAKE GUARANTEES ON ANY FINISHED RESULTS, NOR ARE THEY TO BE HELD RESPONSIBLE FOR ANY DAMAGE, MISUSE, OR PERSONAL INJURIES. IF YOU ARE UNABLE TO CLEARLY UNDERSTAND AND ADAPT THE INFORMATION BELOW, PROFESSIONAL INSTALLATION IS RECOMMENDED.



1 BANGER FLUSH MOUNT BRACKET

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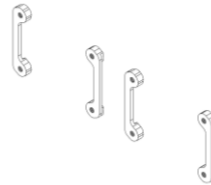
WHAT'S INCLUDED



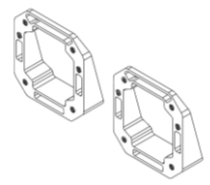
2X FLUSH MOUNT
TEMPLATES



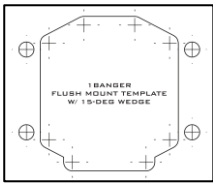
2X FLUSH MOUNT
FACEPLATES



2X REAR MOUNTING
BRACKETS



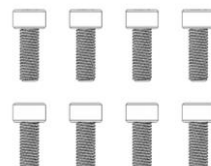
2X 15° ANGLED
WEDGES



2X ANGLED MOUNT
TEMPLATES



8X T10 TORX PAN
HEAD SCREWS WITH
WASHERS



8X LONG 4MM
SOCKET HEAD
SCREWS



8X SHORT 4MM
SOCKET HEAD
SCREWS

NOTE: THE SUPPLIED HARDWARE IS RECOMMENDED TO BE USED ON FLAT PANELS WITH A MAXIMUM THICKNESS OF 6MM (1/4 INCH). THICKER MOUNTING SURFACES WILL RESULT IN THE HARDWARE NOT HAVE ADEQUATE THREAD ENGAGEMENT AND WE RECOMMEND SOURCING YOUR OWN M5x0.8 HARDWARE.

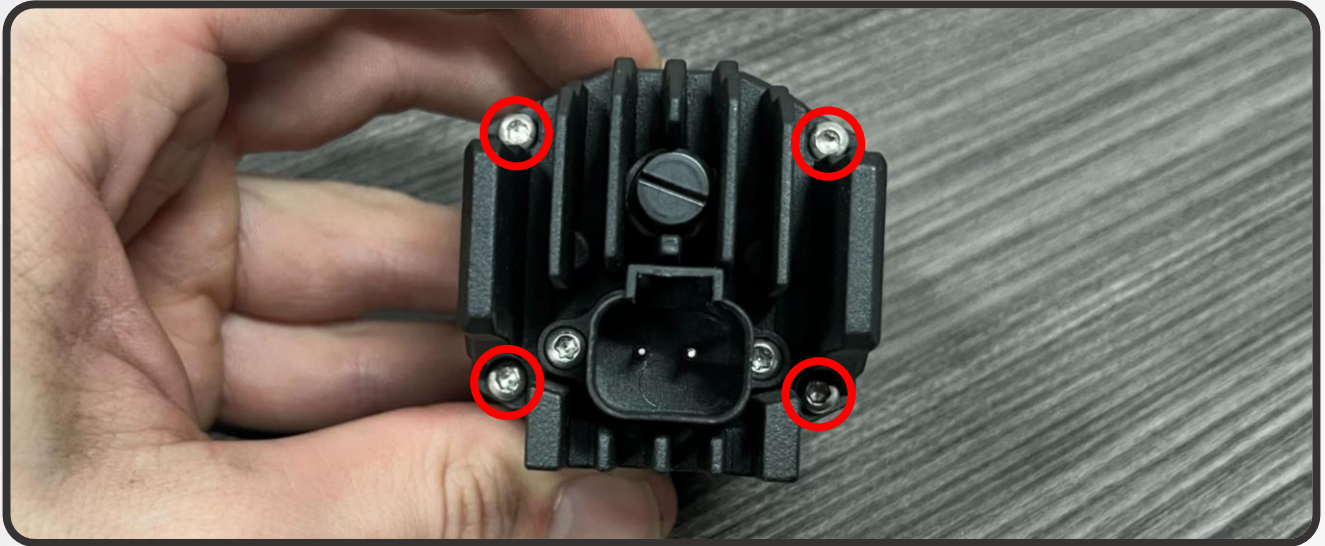
REQUIRED TOOLS

- CENTER PUNCH
- DRILL
- 7/32" DRILL BIT
- 1/4" DRILL BIT
- CUTOFF WHEEL
- SANDPAPER/METAL FILE
- 4MM HEX DRIVER
- T10 TORX DRIVER
- T25 TORX DRIVER (ONLY FOR ANGLED MOUNT)
- SAFETY GLASSES, GLOVES, AND EAR PROTECTION ARE STRONGLY RECOMMENDED



FACEPLATE INSTALLATION

1. BEGIN BY MOUNTING THE FLUSH MOUNT FACEPLATE ONTO THE 1BANGER. TO DO THIS, REMOVE THE FOUR T10 TORX SCREWS ON THE BACK OF THE POD



2. WITH THE SCREWS REMOVED, REMOVE THE ORIGINAL FACEPLATE AND PUT THE FLUSH MOUNT FACEPLATE IN ITS PLACE. MAKE SURE TO ORIENT THE FLUSH MOUNT PLATE RIGHT-SIDE UP, AS SHOWN BELOW

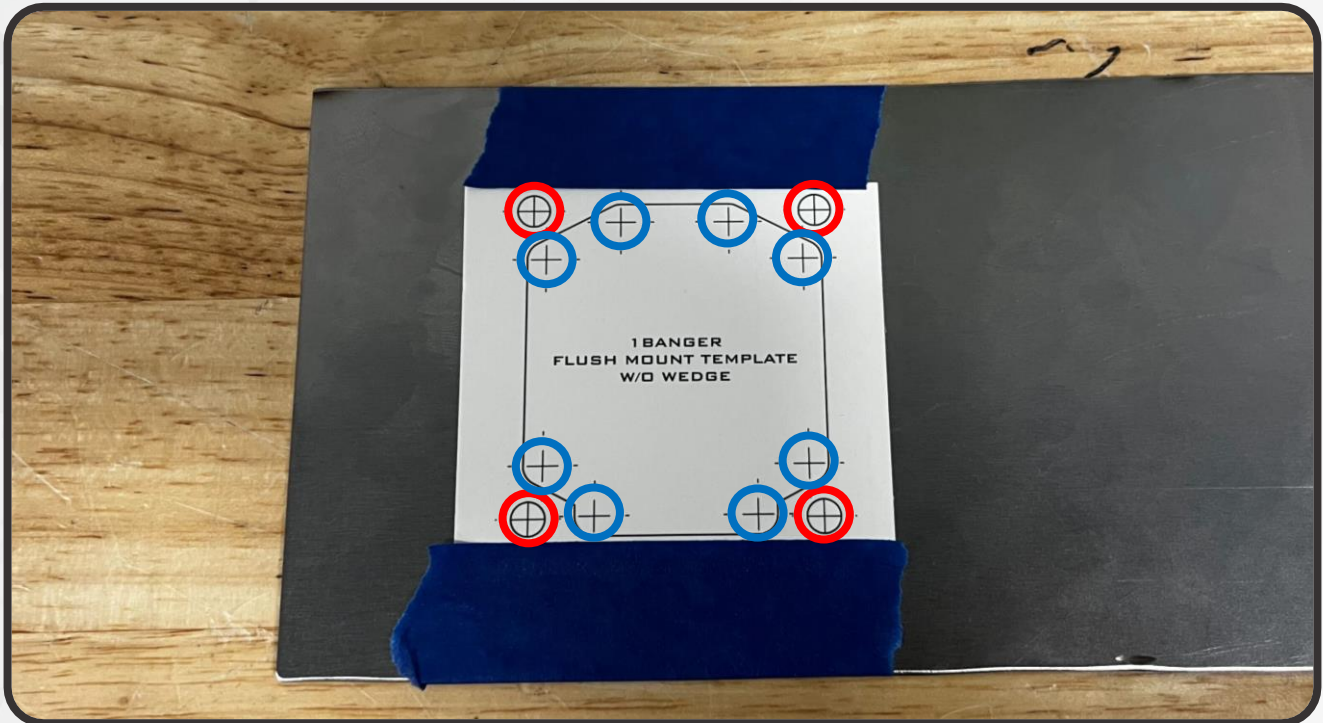


3. REINSTALL THE FOUR T10 TORX SCREWS TO SECURE THE FLUSH MOUNT FACEPLATE. HAND TIGHTEN THEM UNTIL SNUG. DO NOT OVERTIGHTEN
4. IF YOU ARE MOUNTING WITHOUT THE WEDGE, PROCEED TO THE NEXT PAGE. IF YOU ARE DOING AN ANGLED MOUNT WITH THE WEDGE, SKIP AHEAD TO PAGE 8

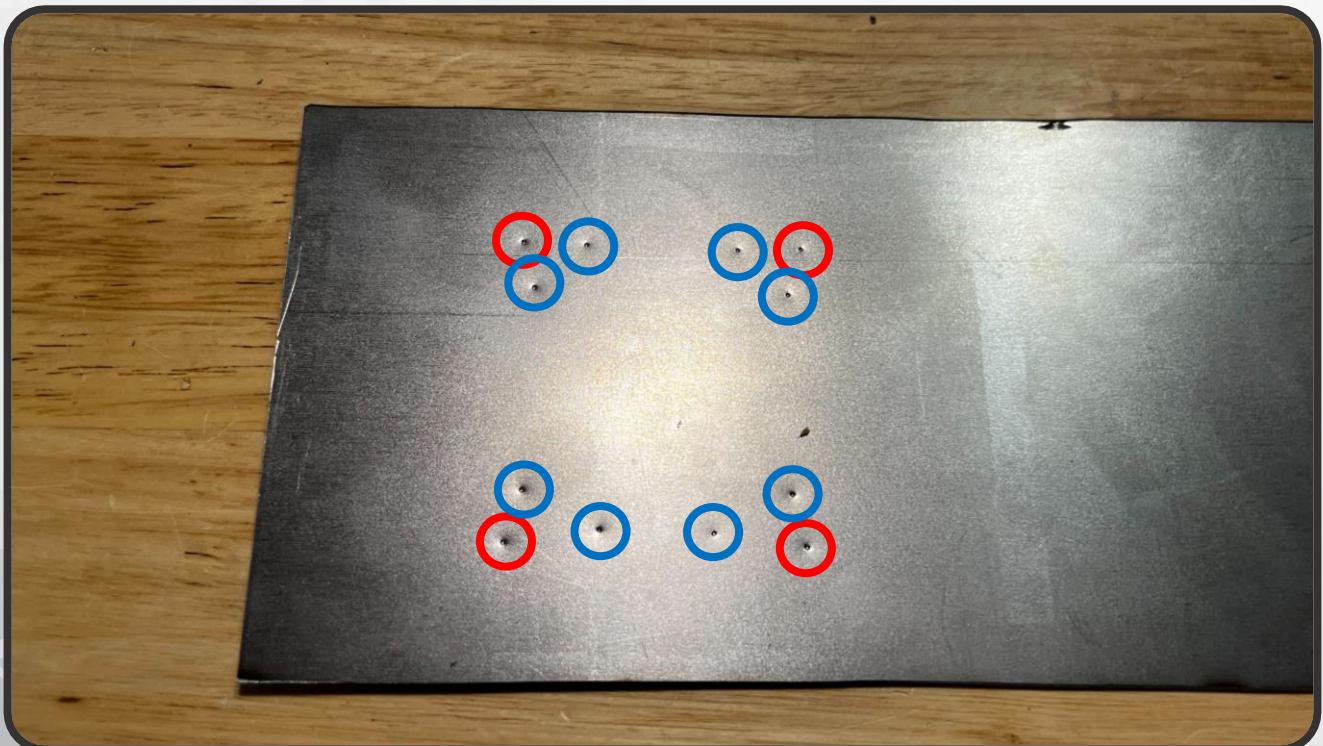


FLUSH MOUNT INSTALLATION

1. SECURE YOUR INCLUDED FLUSH MOUNT TEMPLATE TO YOUR MOUNTING SURFACE. A PRINTABLE COPY OF THIS TEMPLATE WITH ALL DIMENSIONS IS ALSO INCLUDED ON PAGE 13 OF THIS GUIDE IF NEEDED. MARK EACH OF THE EIGHT INNER CENTER MARKS (BLUE) AND FOUR OUTER CENTER MARKS (RED) WITH A CENTER PUNCH

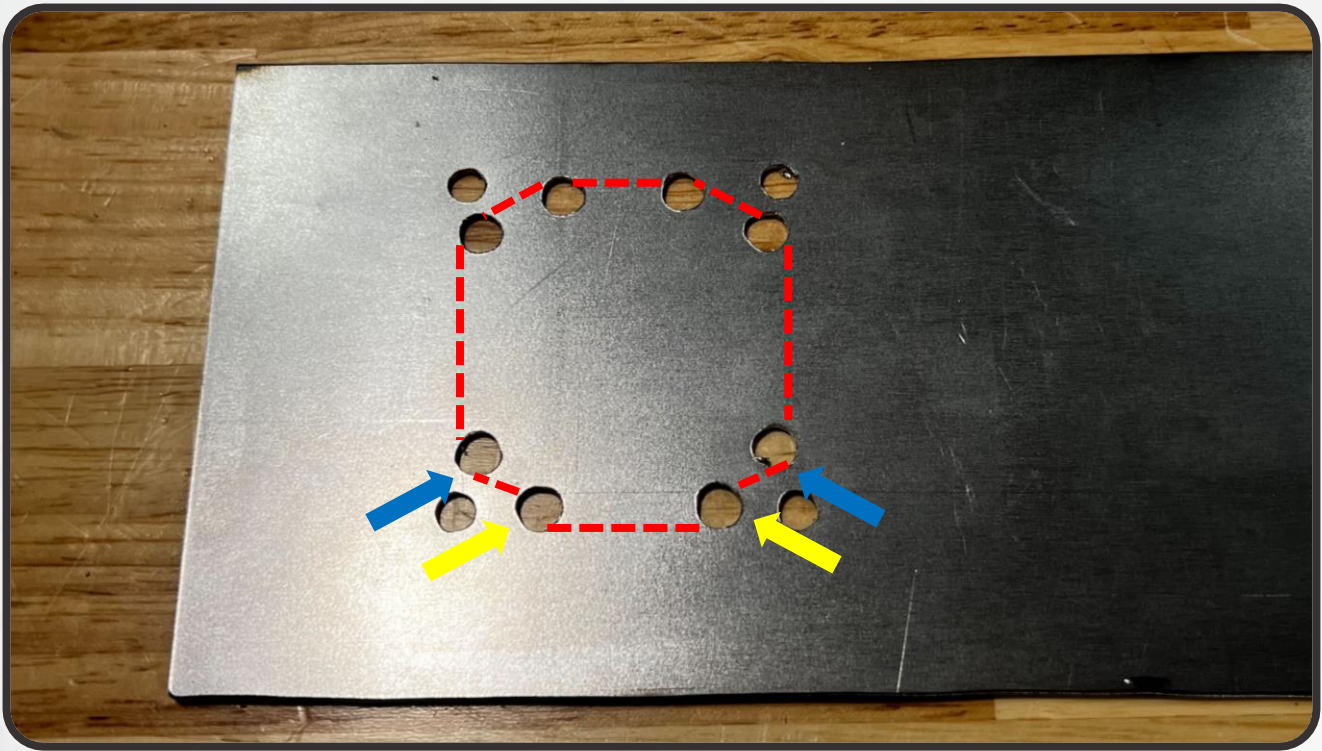


2. REMOVE THE TEMPLATE FROM YOUR MOUNTING SURFACE. DRILL OUT THE EIGHT INNER CENTER PUNCH MARKS (BLUE) WITH A 1/4" DRILL BIT, AND THE FOUR OUTER CENTER PUNCH MARKS (RED) WITH A 7/32" DRILL BIT



FLUSH MOUNT INSTALLATION

3. USING A SMALL CUTOFF WHEEL, "CONNECT THE DOTS", BY MAKING A CUT BETWEEN THE OUTER EDGES OF THE 1/4" INNER HOLES YOU DRILLED. THE LOWER HOLES WILL BE SLIGHTLY DIFFERENT FROM THE REST WHEN CUTTING FROM THE LOWER-OUTER HOLE (INDICATED BELOW WITH THE BLUE ARROWS) CUT FROM THE OUTER EDGE TOWARDS THE CENTER POINT OF THE LOWER-INNER HOLE (INDICATED BELOW WITH THE YELLOW ARROWS). THIS WILL CREATE THE "NOTCH" SEEN ON THE TEMPLATE



4. ONCE YOU'VE MADE YOUR CUTS, FILE/SAND DOWN ANY ROUGH EDGES. YOUR MOUNTING SURFACE SHOULD LOOK LIKE THE PICTURE BELOW, AND IS NOW READY FOR THE POD TO BE MOUNTED



FLUSH MOUNT INSTALLATION

5. TEST FIT YOUR 1BANGER IN THE CUTOUT YOU'VE MADE AND CONFIRM THAT THE POD FITS AND THE MOUNTING HOLES ON THE FACEPLATE AND MOUNTING SURFACE ARE ALIGNED. DO ANY ADDITIONAL TRIMMING NEEDED

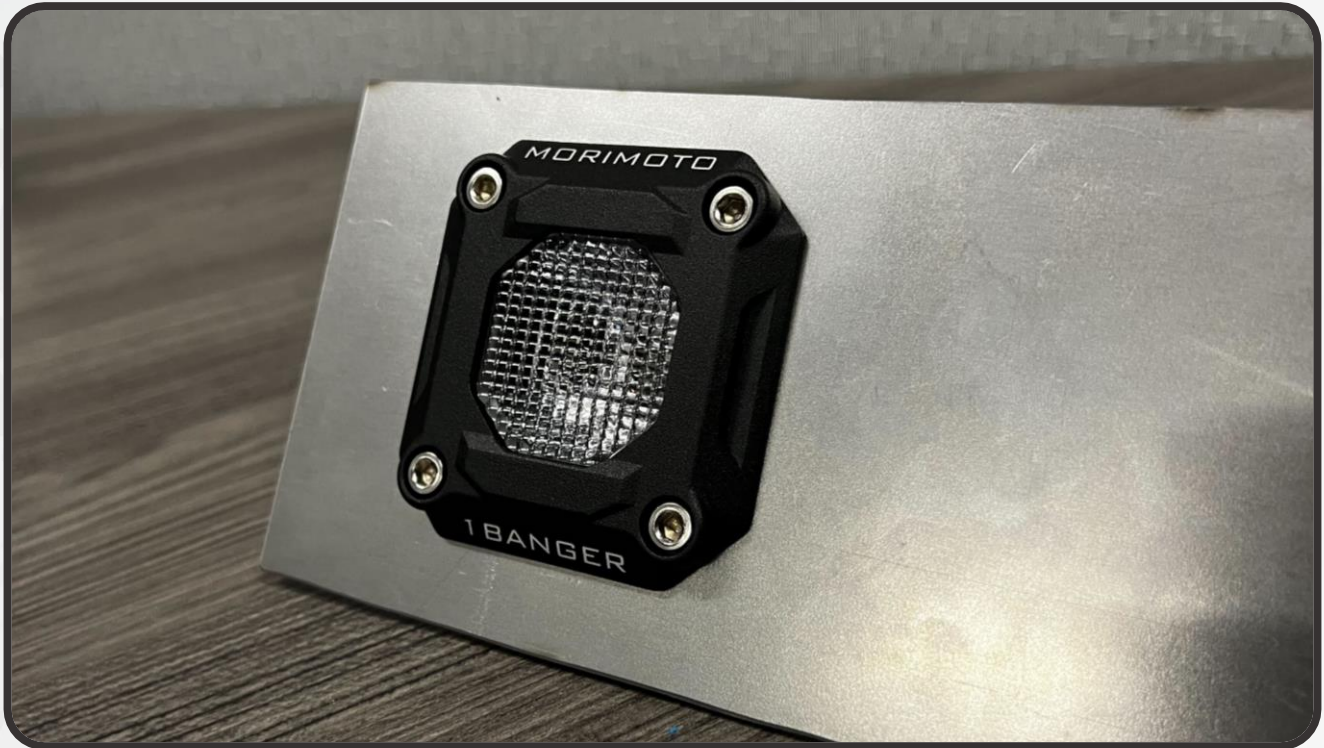


6. WITH THE 1BANGER HELD AGAINST YOUR MOUNTING SURFACE, PLACE ONE OF YOUR REAR MOUNTING BACKETS ON THE BACK OF YOUR MOUNTING SURFACE AND ALIGN IT WITH THE TWO HOLES ON ONE SIDE OF THE 1BANGER. HAND THREAD TWO OF YOUR LONG 4MM SOCKET HEAD SCREWS INTO THE HOLES. REPEAT THIS ON THE OTHER SIDE OF THE 1BANGER

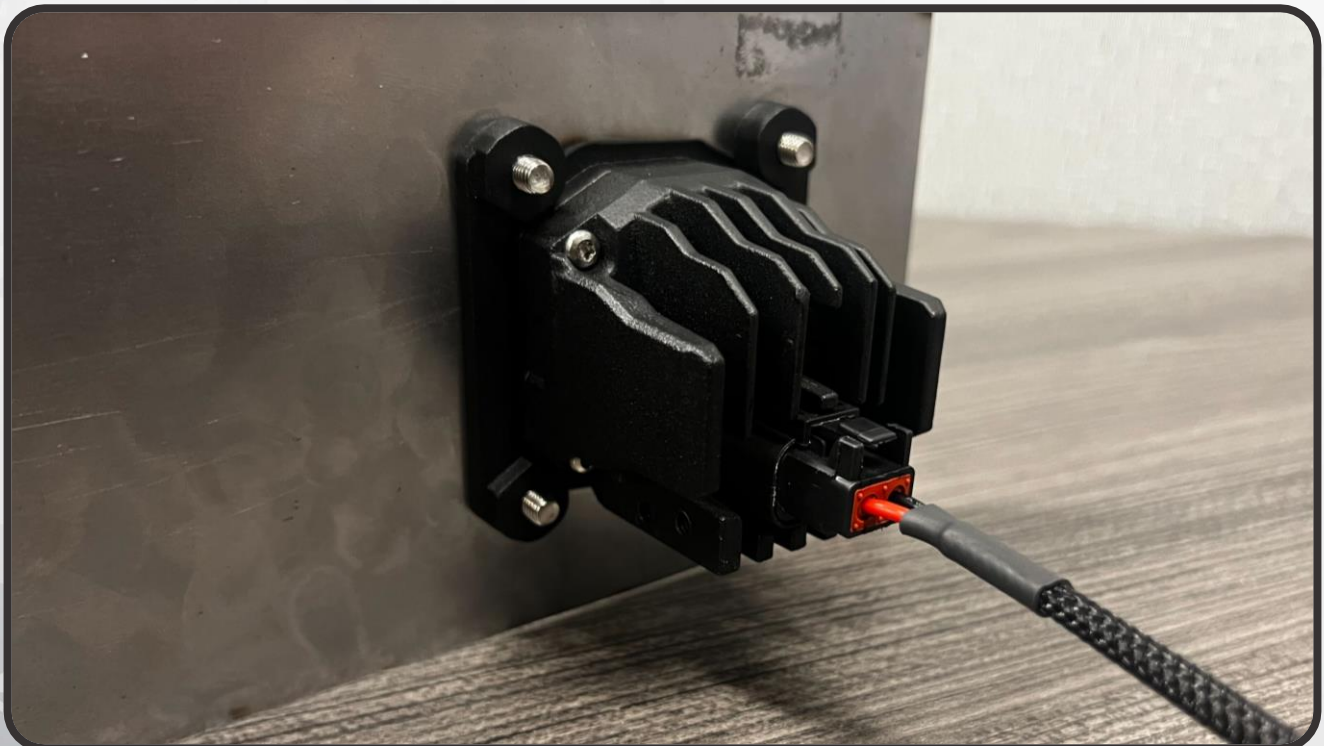


FLUSH MOUNT INSTALLATION

7. TIGHTEN DOWN THE HARDWARE USING A 4MM HEX BIT UNTIL HAND TIGHT. MAKE SURE NOT TO OVERTIGHTEN



8. WITH YOUR 1BANGER MOUNTED, RUN YOUR WIRING AND CONNECT IT TO THE 1BANGER



ANGLED MOUNT INSTALLATION

1. PLACE THE 15° ANGLED WEDGE ONTO THE BACK OF THE 1BANGER. SHOWN BELOW IS FOR A DOWNWARD 15° ANGLE. IF YOU WANT TO DO AN UPWARD 15° ANGLE, FLIP THE ANGLED WEDGE OVER

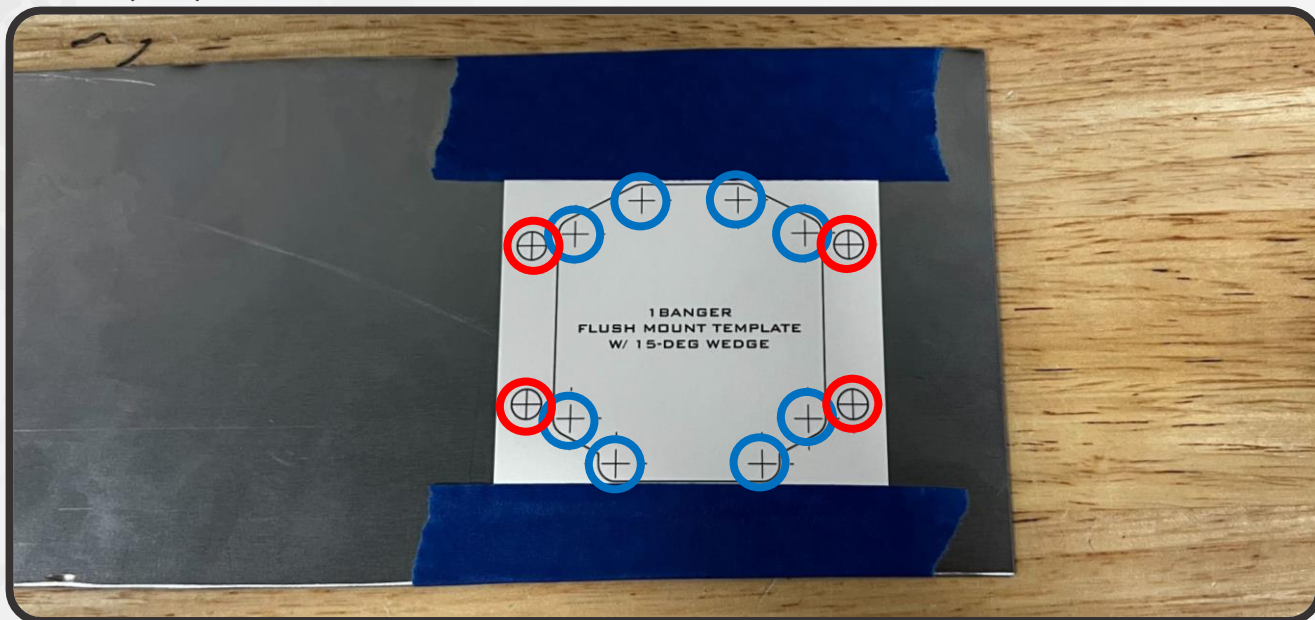


2. SECURE THE ANGLED WEDGE TO THE FACEPLATE USING FOUR OF THE SUPPLIED SHORT 4MM SOCKET HEAD SCREWS

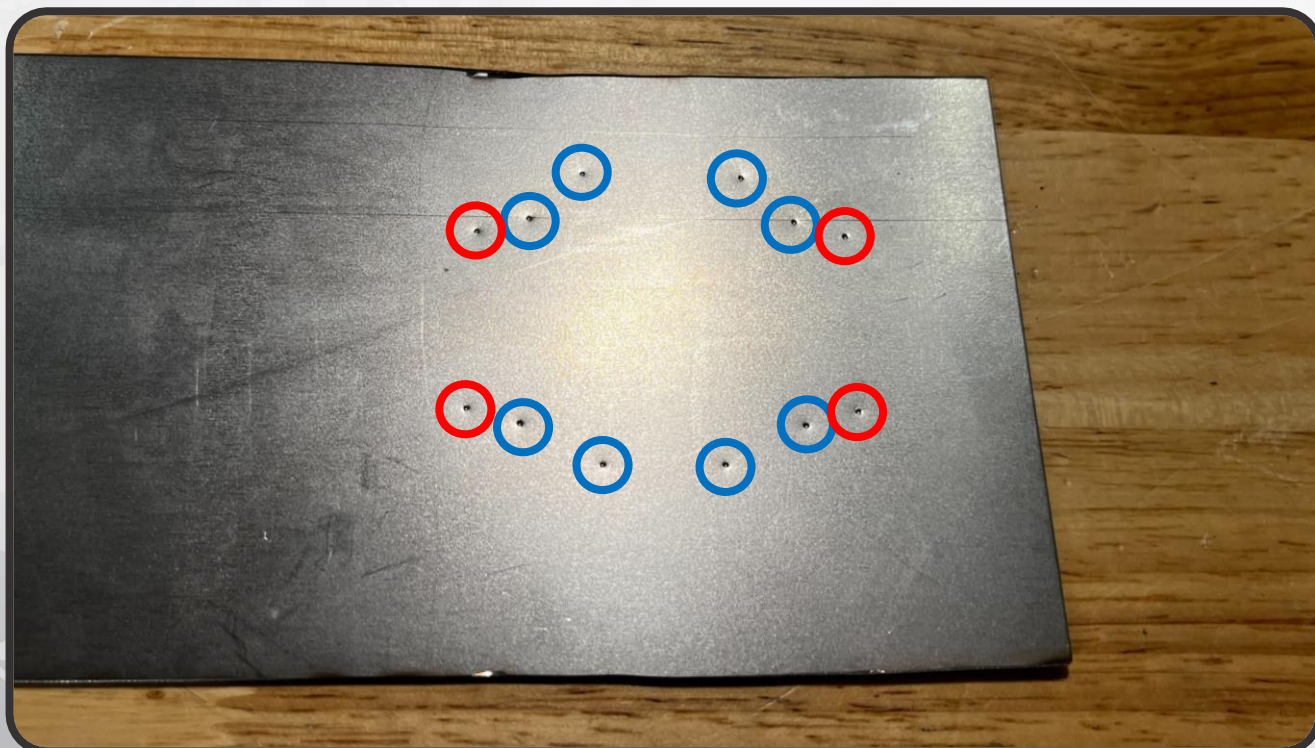


ANGLED MOUNT INSTALLATION

3. SECURE YOUR TEMPLATE TO YOUR MOUNTING SURFACE. ORIENT THE TEMPLATE "RIGHTSIDE UP" AS IT IS ON THE PAGE IF YOU WISH TO MOUNT THE 1BANGER WITH A 15° DOWNWARD ANGLE. FLIP THE TEMPLATE UPSIDE DOWN TO MOUNT WITH A 15° UPWARD ANGLE. IN THIS GUIDE WE'LL BE SHOWING A DOWNWARD ANGLE, SO KEEP THAT IN MIND THAT THINGS WILL BE FLIPPED IF YOU'RE DOING AN UPWARD ANGLE
4. MARK EACH OF THE EIGHT INNER CENTER MARKS (BLUE) AND FOUR OUTER CENTER MARKS (RED) WITH A CENTER PUNCH

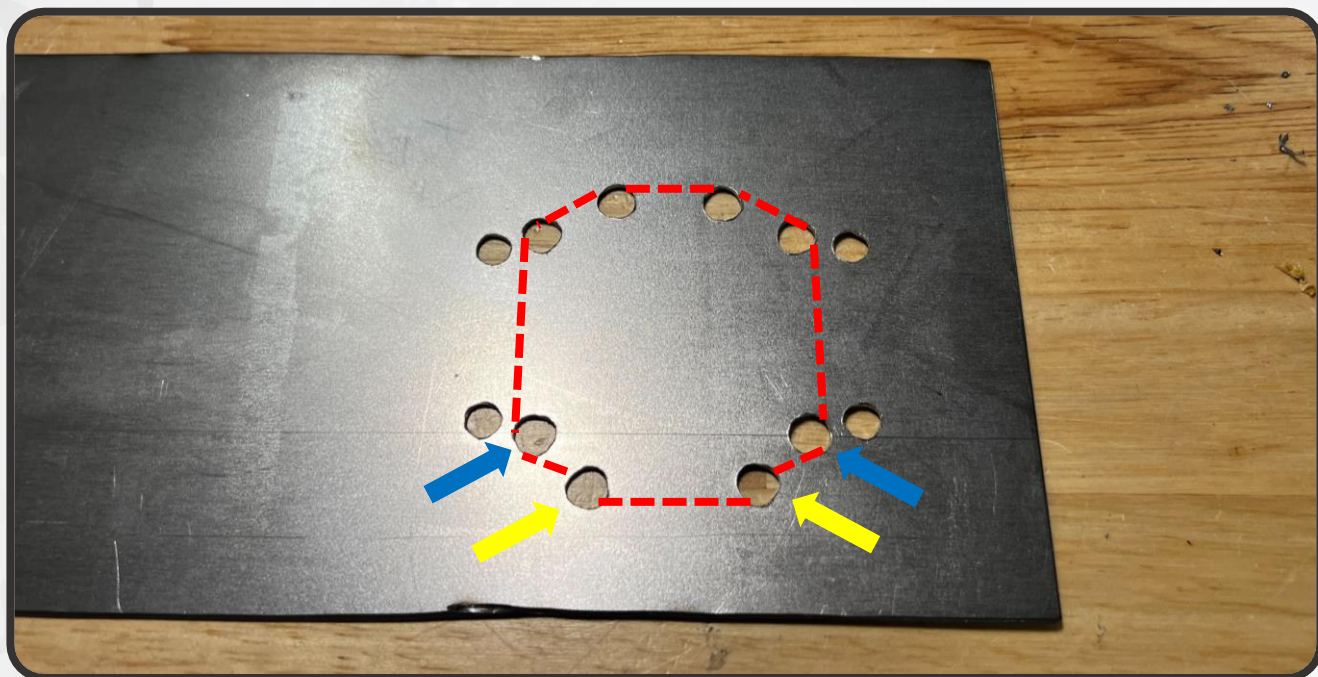


5. REMOVE THE TEMPLATE FROM YOUR MOUNTING SURFACE. DRILL OUT THE EIGHT INNER CENTER PUNCH MARKS (BLUE) WITH A 1/4" DRILL BIT, AND THE FOUR OUTER CENTER PUNCH MARKS (RED) WITH A 7/32" DRILL BIT

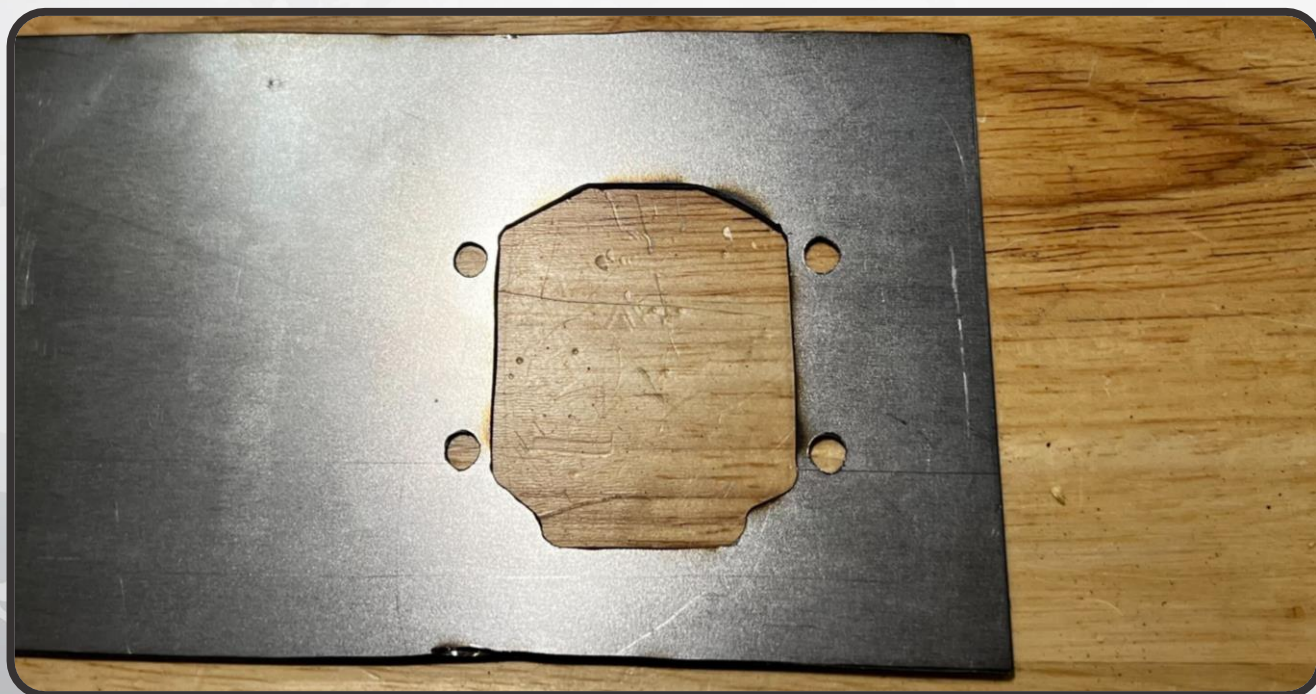


ANGLED MOUNT INSTALLATION

6. USING A SMALL CUTOFF WHEEL, "CONNECT THE DOTS", BY MAKING A CUT BETWEEN THE OUTER EDGES OF THE 1/4" INNER HOLES YOU DRILLED. THE LOWER HOLES WILL BE SLIGHTLY DIFFERENT FROM THE REST WHEN CUTTING FROM THE LOWER-OUTER HOLE (INDICATED BELOW WITH THE BLUE ARROWS) CUT FROM THE OUTER EDGE TOWARDS THE CENTER POINT OF THE LOWER-INNER HOLE (INDICATED BELOW WITH THE YELLOW ARROWS). THIS WILL CREATE THE "NOTCH" SEEN ON THE TEMPLATE

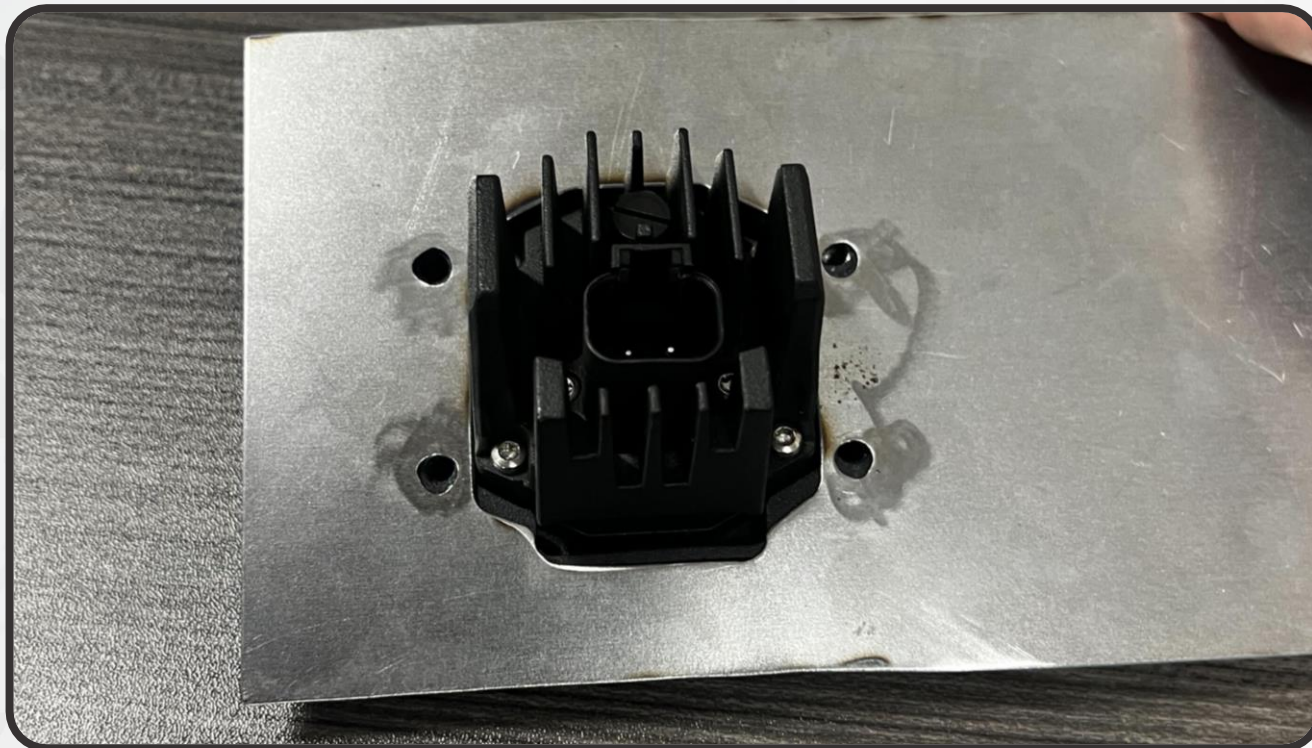


7. ONCE YOU'VE MADE YOUR CUTS, FILE/SAND DOWN ANY ROUGH EDGES. YOUR MOUNTING SURFACE SHOULD LOOK LIKE THE PICTURE BELOW, AND IS NOW READY FOR THE POD TO BE MOUNTED

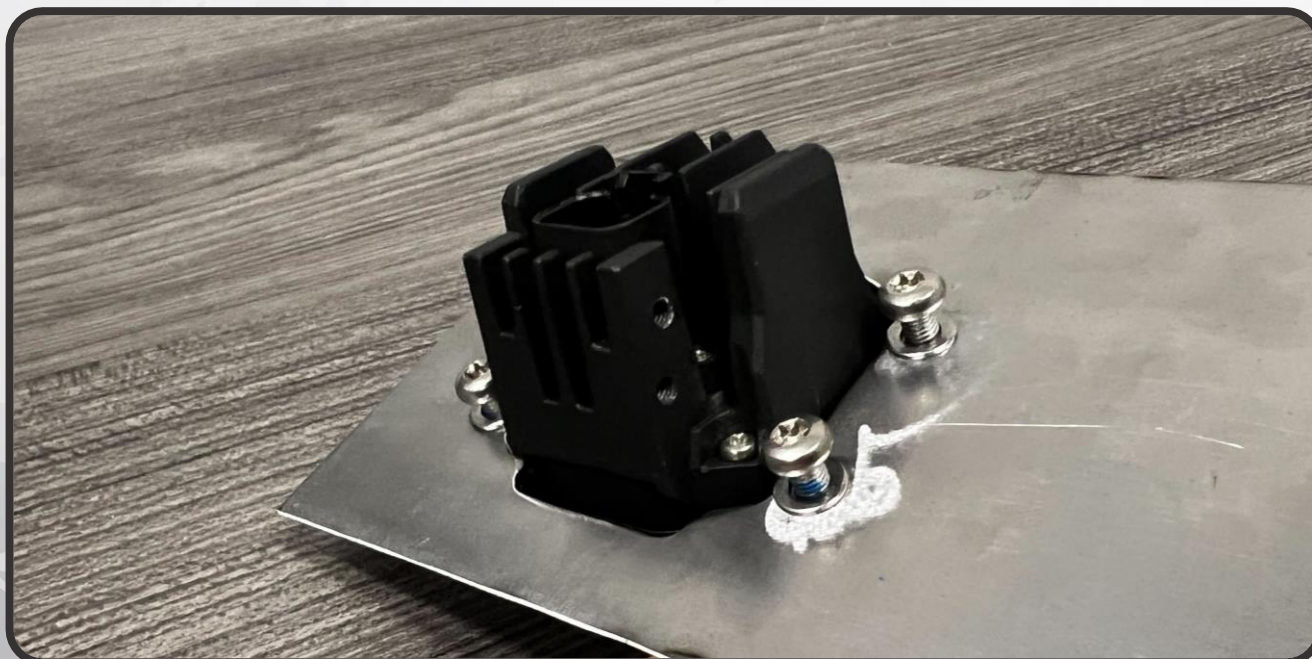


ANGLED MOUNT INSTALLATION

8. TEST FIT YOUR 1BANGER IN THE CUTOUT YOU'VE MADE AND CONFIRM THAT THE POD FITS AND THE MOUNTING HOLES ON THE FACEPLATE AND MOUNTING SURFACE ARE ALIGNED. DO ANY ADDITIONAL TRIMMING NEEDED



9. WITH THE 1BANGER HELD AGAINST YOUR MOUNTING SURFACE, SECURE IT USING THE SUPPLIED T10 TORX PAN HEAD SCREWS WITH WASHERS. IF YOUR MOUNTING SURFACE IS THICKER THAN 3/16" (5MM) USE THE SUPPLIED LONG 4MM SOCKET HEAD SCREWS INSTEAD OF THE PAN HEAD SCREWS. THESE CAN BE USED UP TO 3/8" (9MM) MOUNTING SURFACES. FOR SURFACES THICKER THAN 3/8", LONGER M5x0.8 HARDWARE WILL NEED TO BE SOURCED TO ENSURE ADEQUATE THREAD ENGAGEMENT



ANGLED MOUNT INSTALLATION

10. WITH YOUR 1BANGER MOUNTED, RUN YOUR WIRING AND CONNECT IT TO THE 1BANGER

