



BRIGHT IS ONLY THE BEGINNING

INSTALL GUIDE

MORIMOTO 4BANGER OFFROAD LIGHTING SYSTEM



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.



MORIMOTO 4BANGER OFFROAD LIGHTING SYSTEM

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WHAT'S INCLUDED



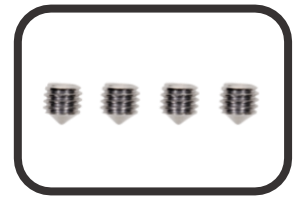
2X SETS OF TUBE CLAMP MOUNTS



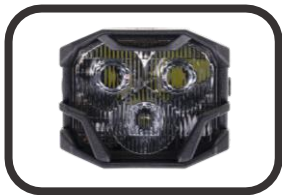
2X MOUNTING ARMS



4X M5X0.8 SOCKET CAPPED SCREWS



4X M8X1.25 SET SCREWS



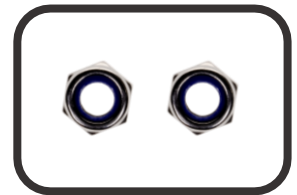
2X 4BANGER POD LIGHTS



2X U-BRACKETS



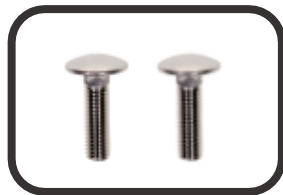
1X RELAY HARNESS



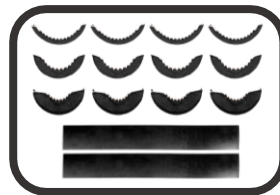
2X NYLON INSERT LOCK NUTS



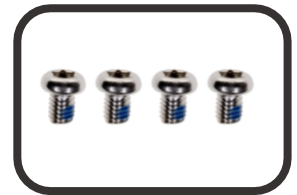
4X WASHERS (2 SPLIT, 2 STANDARD)



4X M10X1.5 CARRIAGE BOLTS (2 LONG, 2 SHORT)



14X (4 SIZES) RUBBER DAMPENERS



4X M6X1.0 T30 TORX SCREWS



REQUIRED TOOLS

- 4MM ALLEN WRENCH (INCLUDED)
- T30 TORX DRIVER
- BLUE THREAD LOCKER
- 17MM WRENCH

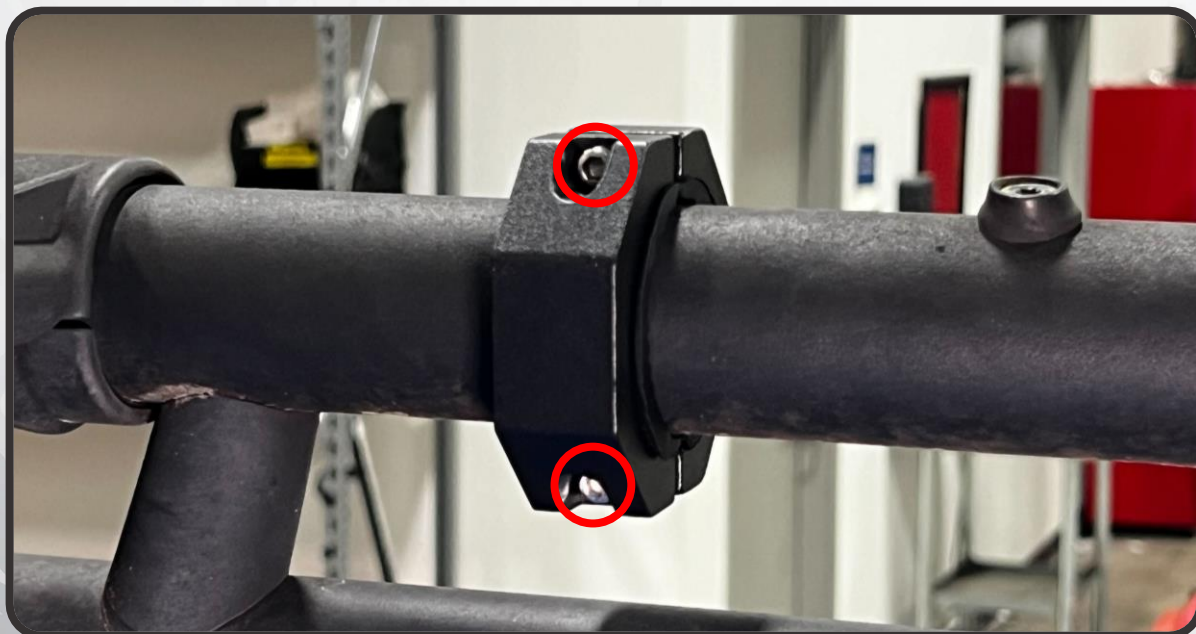


TUBE CLAMP INSTALLATION

1. POSITION THE TWO HALVES OF THE TUBE-MOUNT CLAMP AROUND YOUR TUBE. SELECT THE APPROPRIATELY SIZED RUBBER DAMPNERS FOR YOUR TUBE. THE CLAMPS FIT TUBE DIAMETERS FROM 0.75" TO 2"

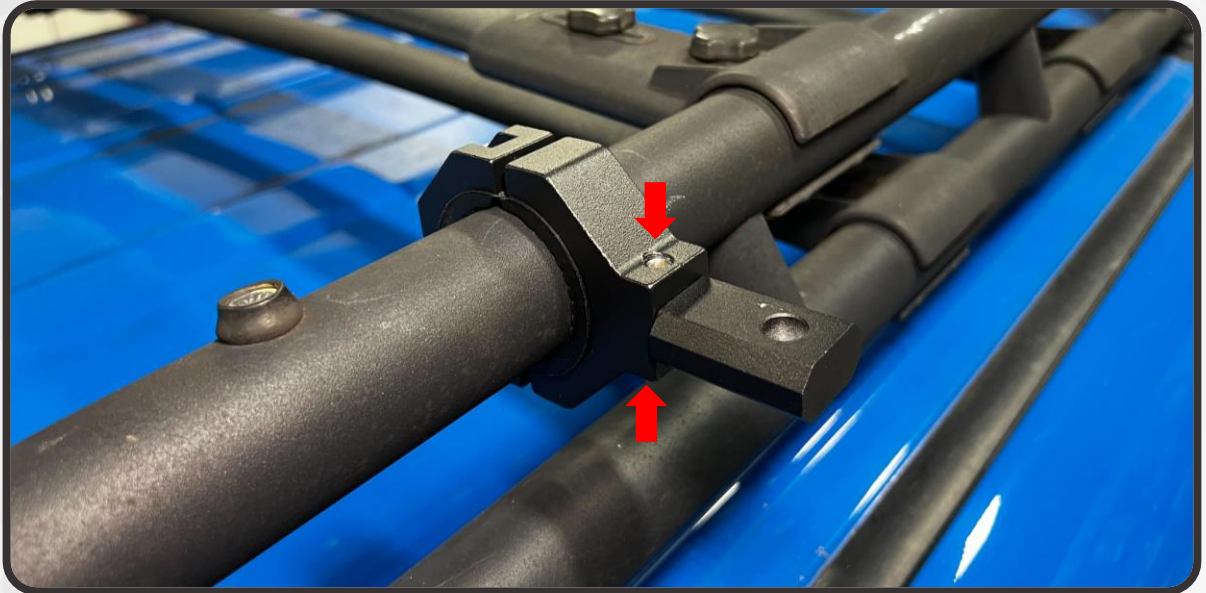


2. APPLY A SMALL AMOUNT OF THREAD LOCKER TO THE THREADS OF TWO OF THE INCLUDED SOCKET CAPPED SCREWS. INSERT ONE OF THE SCREWS INTO EACH OF THE TWO HOLES. SLOWLY TIGHTEN THEM DOWN, ALTERNATING BETWEEN THE TWO TO ENSURE THEY CLAMP DOWN EVENLY. TIGHTEN UNTIL BOTH ARE HAND-TIGHT



TUBE CLAMP INSTALLATION

3. INSERT THE MOUNTING ARM INTO THE CLAMP IN YOUR DESIRED ORIENTATION. THERE ARE INDENTATIONS ON THE ARM IN 45° INCREMENTS. ALIGN THESE INDENTATIONS WITH THE TWO HOLES ON THE TOP AND BOTTOM OF THE CLAMP. APPLY A SMALL AMOUNT OF THREAD LOCKER TO TWO OF THE INCLUDED SET SCREWS AND INSERT THEM INTO THE HOLES. TIGHTEN DOWN BOTH UNTIL HAND-TIGHT



4. INSTALL THE U-BRACKET FOR YOUR DESIRED POD LIGHT ONTO THE MOUNTING ARM OF THE CLAMP. AN EXTENDED CARRIAGE BOLT IS INCLUDED WITH THE KIT TO FIT THROUGH THE MOUNTING ARM. FIT THE INCLUDED SPLIT WASHER BETWEEN THE U-BRACKET AND MOUNTING ARM, AND THE STANDARD WASHER AND LOCK NUT BENEATH THE MOUNTING ARM. TIGHTEN DOWN THE LOCK NUT UNTIL HAND-TIGHT USING A 17MM WRENCH



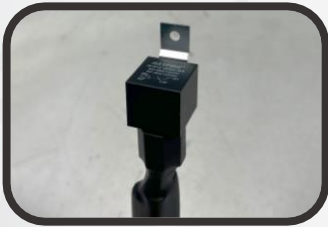
TUBE CLAMP INSTALLATION

5. INSTALL THE 4BANGER POD ONTO THE U-BRACKET USING THE INCLUDED T30 TORX SCREWS. TIGHTEN UNTIL HAND-TIGHT



WIRING

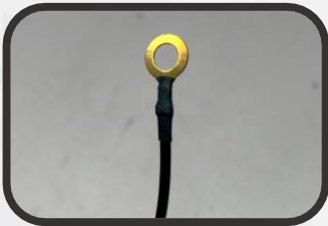
INSTALL THE RELAY HARNESS USING THE GUIDELINES BELOW. ONCE THE HARNESS IS INSTALLED, TEST AND CONFIRM THAT IT IS FUNCTIONING PROPERLY. ONCE YOU HAVE, TUCK/SECURE ANY LOOSE/EXCESS WIRING



RELAY PACK: MOUNT THE RELAY IN THE ENGINE BAY NEAR THE BATTERY IN THE UPRIGHT POSITION (WIRES COMING DOWN OUT OF THE BOTTOM OF THE RELAY)



POWER WIRE: CONNECT THE RING TERMINAL WITH THE RED WIRE TO YOUR VEHICLE'S POSITIVE BATTERY TERMINAL



GROUND WIRE: CONNECT THE RING TERMINAL WITH THE BLACK WIRE TO YOUR VEHICLE'S NEGATIVE BATTERY TERMINAL OR TO BARE METAL ON THE CHASSIS



POWER OUTPUT (X2): ROUTE ONE OF THE POWER OUTPUT CONNECTORS TO EACH OF YOUR POD LIGHTS



POWER SWITCH: ROUTE THE POWER SWITCH INTO THE CABIN OF YOUR VEHICLE AND MOUNT IN YOUR DESIRED LOCATION

