



THE AUTOMOTIVE LIGHTING BENCHMARK

# INSTALL GUIDE

## DITCH LIGHT BRACKETS: TAHOE / YUKON (15-20)

BAF142

### WHAT'S INCLUDED



2X (ONE PAIR) BRACKETS



4X WIRE CLIPS



### REQUIRED TOOLS

- RACHET
- 13MM DEEP SOCKET
- 17MM WRENCH
- T30 TORX BIT
- PAINTERS TAPE
- MARKER OR PEN

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.



# INSTALLATION

1. WITH THE HOOD RAISED, LOCATE THE HOOD HINGE. APPLY A STRIP OF PAINTERSTAPE TO THE HOOD ALONG SIDE THE HOOD HINGE , AND A SECOND STRIP NEXT TO IT ON THE HOOD HINGE ITSELF
2. DRAW A STRAIGHT LINE ON THE TAPE ACROSS THE SEAM BETWEEN THE HINGE AND THE HOOD ITSELF. THIS WILL BE USED TO REALIGN THE HOOD TO ITS ORIGINAL POSITION LATER IN THE INSTALL
3. REPEAT THIS PROCESS ON THE OTHER HINGE

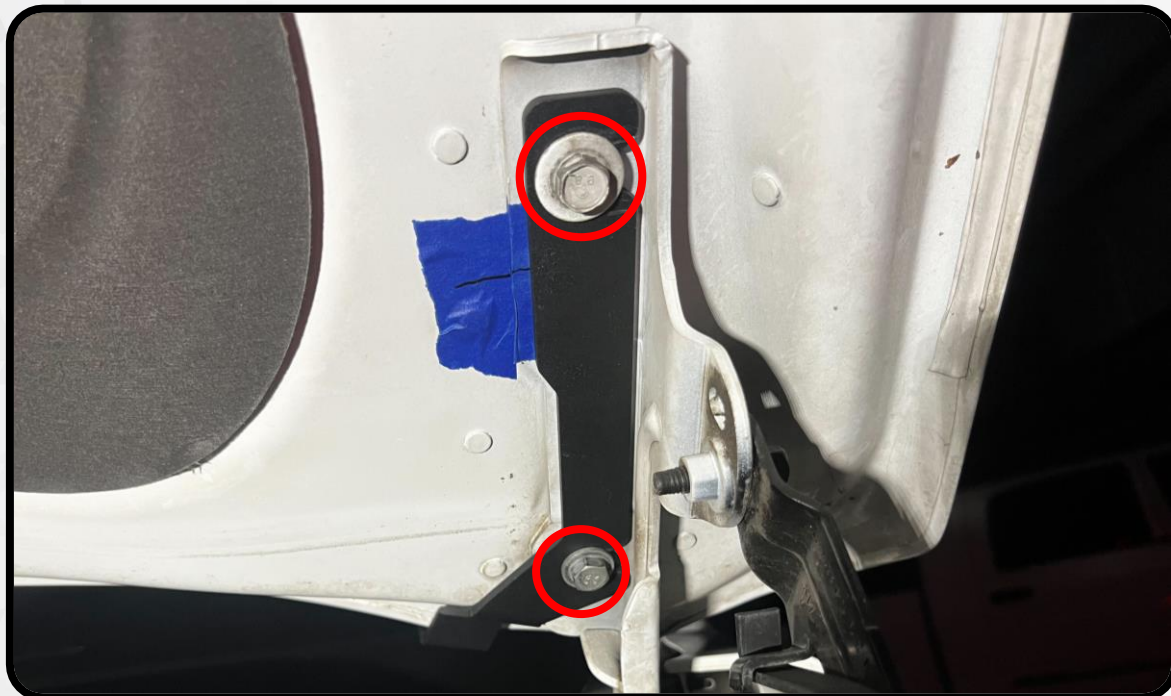


4. INSERT TWO OF THE INCLUDED WIRES CLIPS INTO EACH BRACKET (FOUR TOTAL) INTO THE SQUARE HOLES, FACING "OUTWARDS" AS SHOWN BELOW



## INSTALLATION

5. LOOSEN (BUT DO NOT REMOVE) THE TWO 13MM BOLTS ON THE HOOD HINGE UNTIL YOU HAVE ENOUGH SPACE TO SLIDE THE BRACKET IN BETWEEN THE HINGE AND THE BOLT HEADS (APPROXIMATELY 4MM). IT HELPS TO APPLY SOME DOWNWARD PRESSURE ON THE TOP OF THE HOOD ABOVE THE HINGE AS YOU SLIDE THE BRACKET INTO PLACE



6. WITH THE BRACKET FULLY SLOTTED INTO POSITION, USE THE MARKING YOU MADE ON THE TAPE TO REALIGN THE HOOD TO THE ORIGINAL POSITION, AND RETIGHTEN THE TWO 13MM HOOD BOLTS



## INSTALLATION

7. REPEAT STEPS 5 AND 6 ON THE OPPOSITE SIDE. ONCE BOTH BRACKETS HAVE BEEN SECURED INTO PLACE AND THE HOOD ALIGNED, THE TAPE CAN BE REMOVED
8. TO INSTALL YOUR POD LIGHTS, CLOSE THE HOOD AND PLACE THE U-BRACKET ON THE DITCH LIGHT BRACKET. SECURE IT TO THE BRACKET USING THE CARRIAGE BOLT AND 17MM NUT. HOLD THE TOP OF THE BOLT DOWN WITH YOUR HAND AND TIGHTEN THE NUT WITH A 17MM WRENCH. LEAVE IT SLIGHTLY LOOSE SO THAT THE POD CAN BE AIMED LATER



9. SECURE THE POD TO THE U-BRACKET WITH THE TWO PROVIDED SCREWS USING A T30 TORX BIT. LEAVE THESE SLIGHTLY LOOSE AS WELL TO ALLOW AIMING LATER



# INSTALLATION

10. INSTALL YOUR RELAY POWER HARNESS USING THE FIGURE BELOW AS A GUIDE
  - A. MOUNT YOUR RELAY UPRIGHT NEAR THE VEHICLE'S BATTERY (GREEN IN FIGURE)
  - B. CONNECT THE RED RING TERMINAL LABELED "BATTERY +" TO THE POSITIVE TERMINAL ON THE BATTERY (RED IN FIGURE)
  - C. CONNECT THE BLACK RING TERMINAL LABELED "GROUND -" TO A SUTABLE BARE-METAL GROUND, OR THE NEGATIVE TERMINAL ON THE BATTERY (BLACK IN FIGURE)
  - D. ROUTE THE "LIGHT 1" CONNECTOR UP TO THE NEAREST POD LIGHT (ORANGE IN FIGURE)
  - E. ROUTE THE "LIGHT 2" CONNECTOR ACROSS THE BAY TO THE OPPOSITE POD LIGHT. THE EXTENSIONS INCLUDED WITH YOUR HARNESS MAY BE REQUIRED (YELLOW IN FIGURE)
  - F. THE "SWITCH" WIRE (BLUE IN FIGURE) CAN BE USED TO ACITVATE THE PODS IN ONE OF TWO WAYS:
    - 1) TO TAP INTO AN EXISTING SWITCH PANEL/CONTROLLER: REMOVE THE PUSH BUTTON AND ATTACH THE BARE WIRE INPUT ADAPTER ON THE INPUT HARNESS TO CONNECT TO YOUR DESIRED TRIGGER
    - 2) TO USE THE INCLUDED PUSH-BUTTON: ROUTE THE HARNESS ACROSS THE ENGINE BAY TO THE DRIVER SIDE OF THE VEHICLE. LOCATE A SUTABLE GROMMET ON THE FIREWALL TO PASS THROUGH TO THE INTERIOR FOOTWELL. DISCONNECT THE SWITCH AND PASS THE HARNESS THROUGH THE GROMMET AND INTO THE INTERIOR. DRILL A  $\frac{3}{4}$ " HOLE IN YOUR DASH IN YOUR DESIRED LOCATION. MOUNT THE SWITCH AND RECONNECT IT TO THE HARNESS YOU ROUTED INTO THE FOOTWELL

ONCE ALL OF YOUR WIRES ARE ROUTED, BE SURE ALL WIRES ARE SECURED AND OUT OF THE WAY OF ANYTHING THAT MOVES OR GENERATES EXCESSIVE HEAT IN THE ENGINE BAY SUCH AS FANS, BELTS, WIPER ARMS, OR EXHAUST COMPONENTS



## INSTALLATION

11. REOPEN THE HOOD AND ROUTE YOUR WIRING ALONG THE BRACKET BY CLIPPING THE WIRES INTO THE WIRE CLIPS ON THE BRACKET



12. ONCE THE PODS ARE WIRED UP, POWER THEM ON, AND DECIDE HOW YOU'D LIKE TO AIM THEM. ONCE YOU SETTLE ON YOUR PREFERRED AIM, TIGHTEN THE TWO T30 TORX SCREWS AND THE 17MM NUT DOWN IN THE DESIRED POSITION



- ENJOY YOUR NEW DITCH LIGHTS! -

