



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



LED LIGHT BAR WIND DIFFUSER

Z330052C / Z330052S / Z330050C / Z330050S / Z330040C / Z330040S
NOISE CANCELLING DIFFUSER PLATE

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PARTS INCLUDED

- (1) - Noise Cancelling Wind Diffuser Plate for LED Light Bars



HARDWARE INCLUDED

- (7) - 1/8" x 4.00 Grip Rivet Stainless

TOOLS REQUIRED

- Drill Bit Set (1/8")
- Drill Gun
- Rivot Gun
- Ruler / Micrometer / Measuring Tool

INSTALLATION GUIDE

START HERE

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLATION. Auto makers offer varied models to each vehicle and occasionally manufacture more than one body style of the same model.

* APPLICATION MODELS VARY. WE RECOMMEND TO VERIFY FITMENT BEFORE BEGINNING INSTALLATION PROCESS.
* IMAGES FEATURED IN THE INSTRUCTION DOCUMENTS MAY NOT ALWAYS EXACTLY MATCH YOUR MODEL OR PART.

BEFORE YOU BEGIN

START HERE: Turn off engine, chalk tires with stop block, open the hood and disconnect the battery.

STEP 1

1) Assemble your work area by preparing a nice flat or cushioned surface. Assemble your parts and layout your tools.

LED LIGHT BRACKET INSTALLATION



FIG 1



FIG 2



LED LIGHT BRACKET INSTALLATION - CONTINUED

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STEP 2

SEE FIGURE 3

2) Configure Diffuser Plate next to and against LED Light Bar to gain familiarity with how to begin assembly.

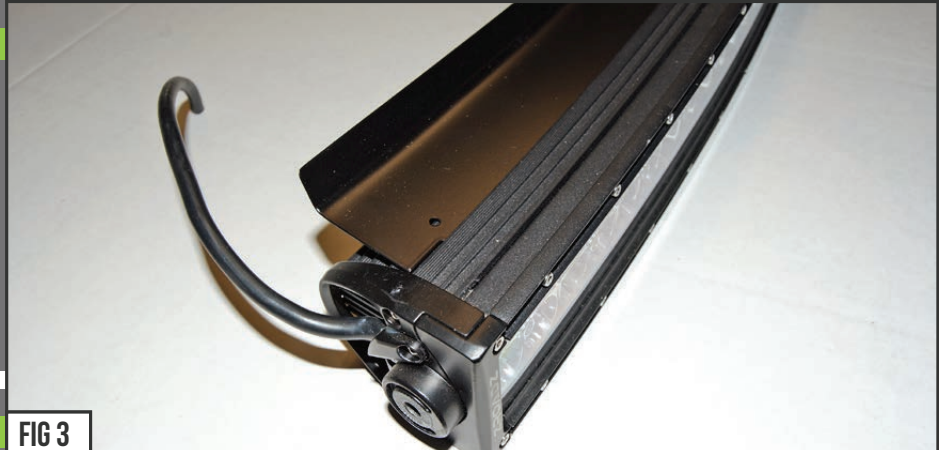


FIG 3

STEP 3

SEE FIGURE 3

3) Diffuser Plate is to be mounted to the bottom side of LED Light Bar with Diffuser Plate Flange Lip point down towards roof of vehicle and away from LED Light Bar. Make sure that you setup your LED Light Bar in the orientation that the power wire will end up on the correct / desired side which is usually the driver side of the vehicle.



FIG 4

STEP 4

SEE FIGURE 4

4) Put into place and slide Diffuser Plate between the first and second heat synch fins of the LED Light Bar.

STEPS 5 & 6

SEE FIGURES 5-7

5) Using a ruler, tape measurer, micrometer or something of the like, evenly center the Diffuser Plate so that there is an equal gap left between Diffuser Plate and either LED Light Bar End Cap.

6) Using the Diffuser Plate pre located mounting points as a reference, with a 1/8" bit, drill straight down into the LED Light Bars second fin and at least a 1/2" down.

FINISHED EXAMPLES



FIG 5



FIG 6



FIG 7

LED LIGHT BAR WIND DIFFUSER PLATE INSTALLATION - PROCESS CONTINUED



LED LIGHT BRACKET INSTALLATION - CONTINUED

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STEP 7

SEE FIGURES 8-10

7) Insert Rivot fastener and secure Diffuser plate with Pop Rivot Tool.

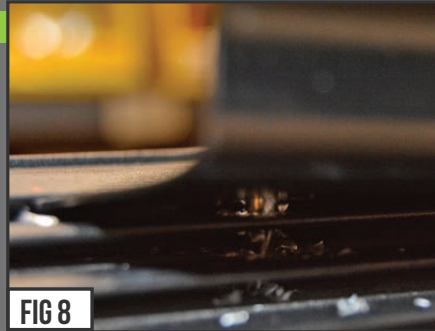


FIG 8



FIG 9

STEP 8

SEE FIGURES 10-11

8) Repeat on the opposite end so that both ends are drilled and the Diffuser Plate will be locked in place.



FIG 10



FIG 11



FIG 12

STEP 9

SEE FIGURE 5

9) Drillout the remaining holes (however are many are pre-arranged on your size Diffuser Plate.) Rivot the remaining holes to secure Diffuser Plate to LED Light Bar.

STEP 10

10) Look over your work. Check for tightness all around.

Carefully inspect inside the Heat Synch Fins for any remaining metal shavings and debri. Once satisfied, be sure to blow off debri and wipe down the Diffuser Plate and LED Light Bar.

FINISHED EXAMPLES

FIG 5



FIG 6



LED LIGHT BAR WIND DIFFUSER PLATE INSTALLATION - PROCESS COMPLETE