

INSTALLATION INSTRUCTIONS

HDX GRILLE GUARD LED LIGHT BAR INSERTS

APPLICATION:

HDX Grille Guard

PART NUMBER:

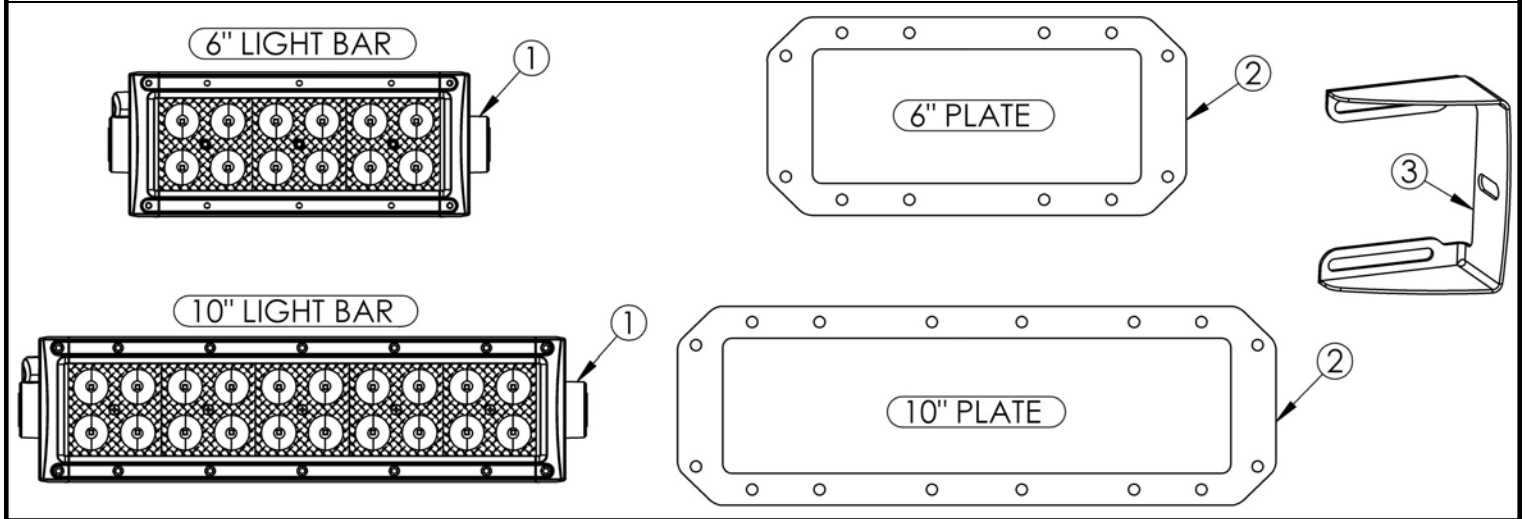
57-0025, 57-0035

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AUTOMOTIVE PRODUCTS, INC.

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	2	STEALTH LED LIGHT BAR	8MM SOCKET
2	2	PLATE (6" OR 10")	ALLEN KEY
3	4	ADJUSTER BRACKET	SMALL RATCHET
4	1	LED WIRING HARNESS	TORQUE WRENCH
5	24 , 32*	M5 BUTTON HEAD SOCKET CAP SCREWS (BLACK STAINLESS STEEL)	SMALL SOCKET EXTENSION
6	24 , 32*	M5 SERRATED NUT (BLACK STAINLESS STEEL)	
7	4	M8 FLAT WASHERS	
8	4	M8 LOCK WASHERS	
9	4	M8 SOCKET HEAD SCREWS	

* 57-0035 APPLICATION, THE 10" LIGHT BAR / PLATE WILL HAVE MORE HARDWARE

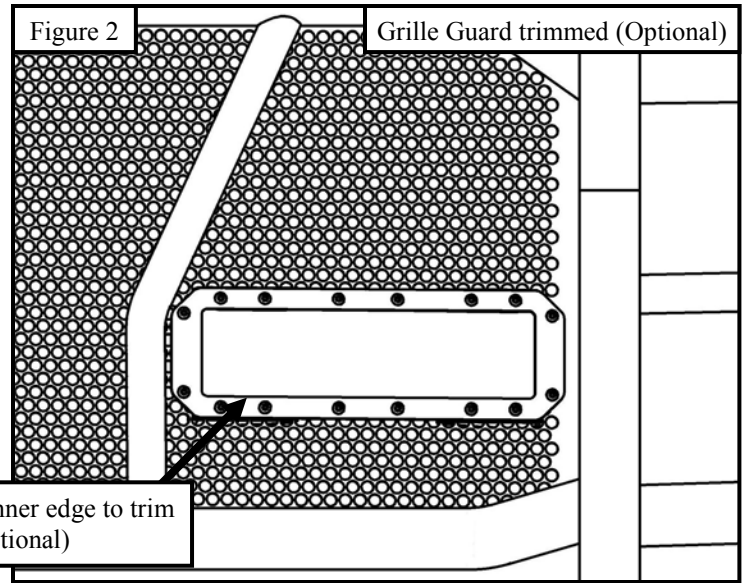
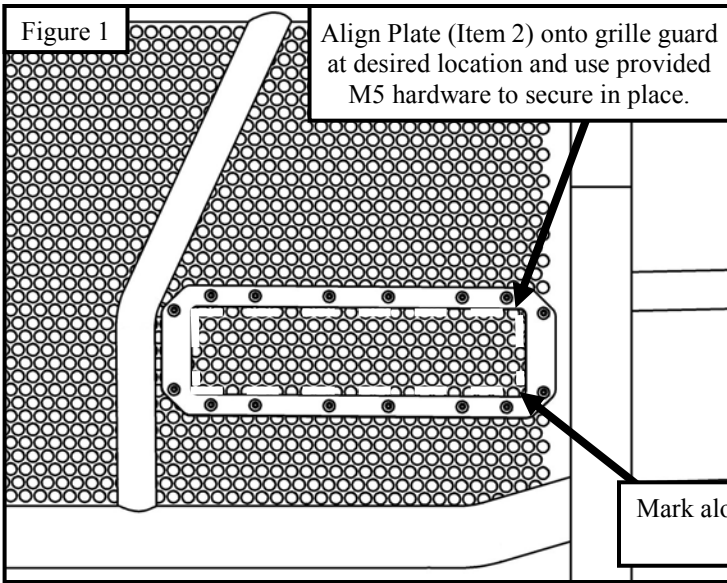
ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING



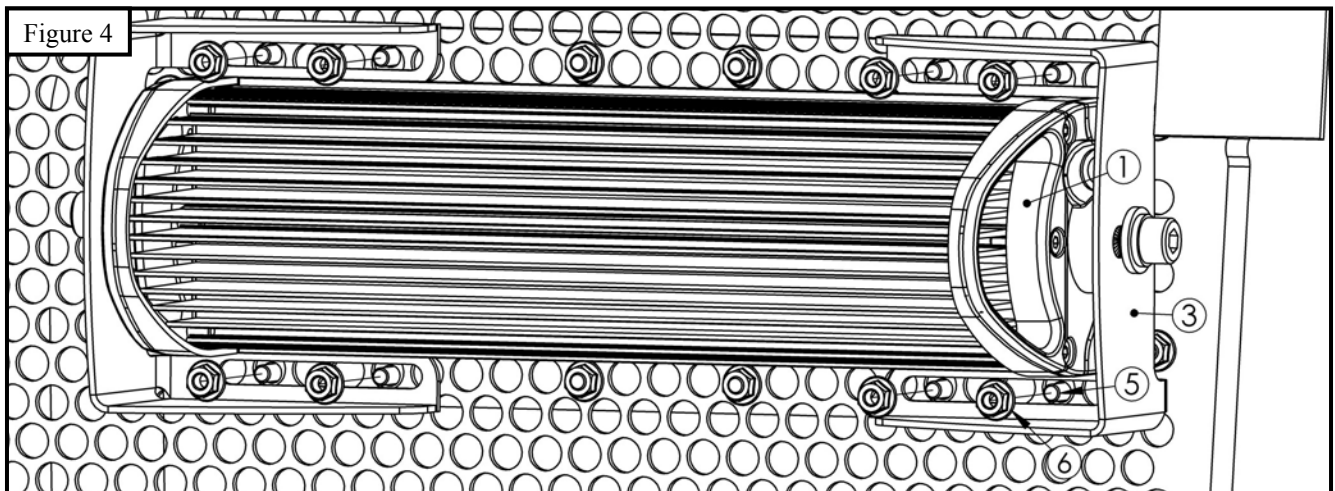
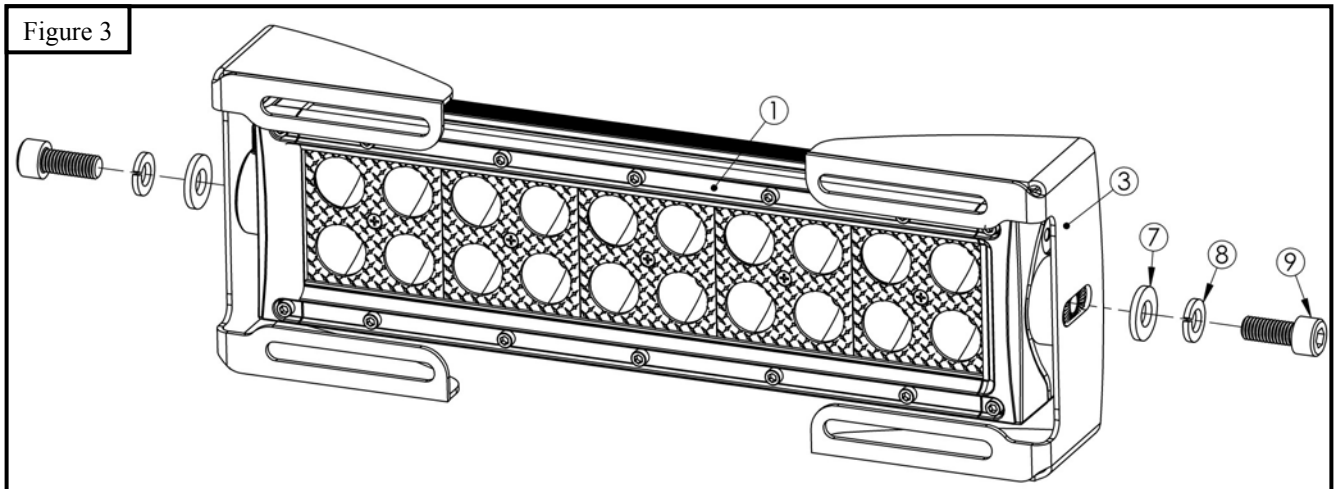
PROCEDURE

1. Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
Failure to identify damage before installation could lead to a rejection of any claim.
2. Locate (1) Plate (Item 2) and align onto the grille guard at the desired mount location. Loosely secure onto the grille guard using the provided M5 hardware (Items 5 - 6). See **Figure 1**.
3. **OPTIONAL:** Mark along the inner side of the Plate (Item 2) with a marker. It is recommended to remove the plate to trim along the marked grille guard. **NOTE:** Trimming is optional. See **Figure 2**.

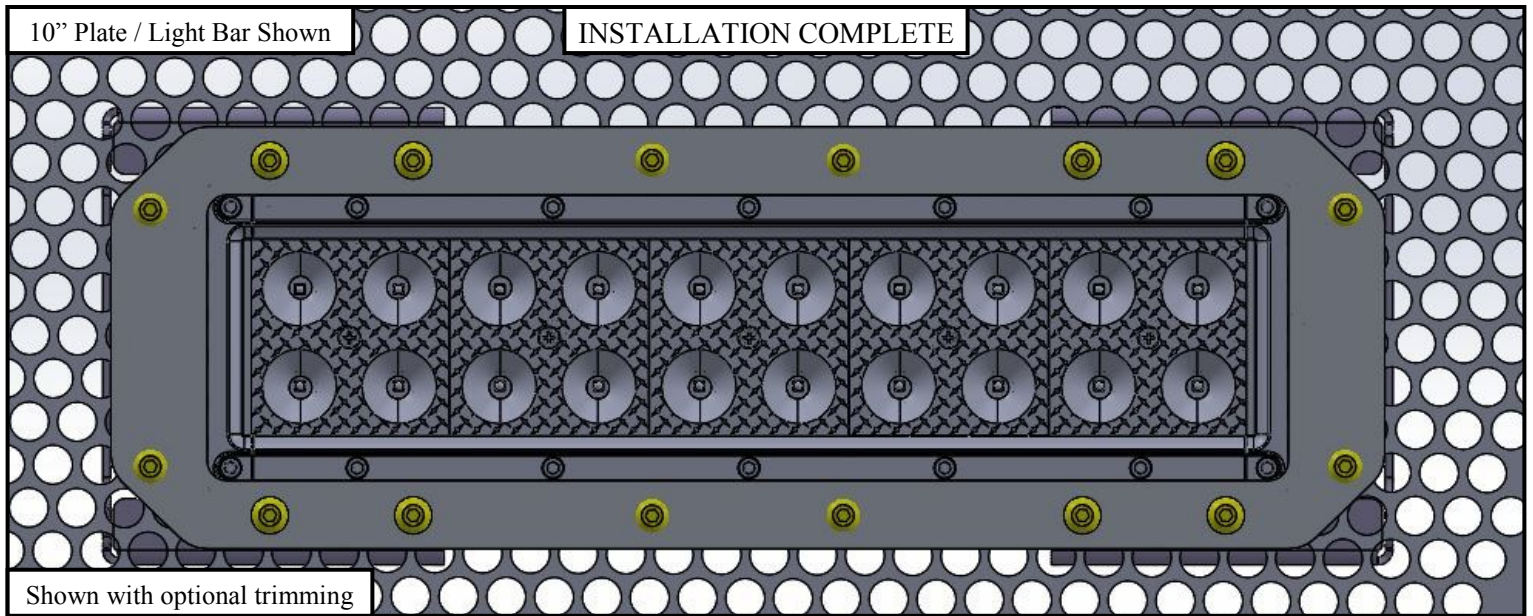
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4. Locate (2) Adjuster Brackets (Item 3) and loosely secure onto Stealth LED Light Bar (Item 1) using (2) M8 socket head cap screw, (2) M8 flat washers and (2) M8 lock washers. See **Figure 3**.
5. Loosely attach the (2) Adjuster Brackets onto the Plate using the provided M5 hardware. See **Figure 4**.



6. Align and adjust the Adjuster Brackets with the Light Bar and then tighten M5 hardware to 44 in-lbs and M8 hardware to 15 ft-lbs.
7. Repeat **steps 2 - 6** for other location.
8. Refer to **page 4** for wiring instructions.



CARE INSTRUCTIONS

- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES.
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.

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WIRING INSTRUCTIONS (CAUTION):

1. Disconnect ground connection from battery (-) to avoid accidental short circuits before attempting to connect electrical wires.
2. When running wires, avoid areas of excessive heat, vibration, pinch or rotation when securing harness to vehicle.
3. Always use a fused (+) positive supply source.
4. This light becomes hot under continuous use. Do not remove or touch the casting for at least 30 minutes after the lamp has been turned off.

WESTIN recommends using a professional for this installation. Refer to Figure 5 below.

1. Locate the wiring harness and mount the switch in a convenient location where it is easily accessible from the drivers seat. **Note:** *The switch will need to be removed from the wiring harness so that the rest of the harness can be routed from the engine bay to the cabin.*
2. Route the wiring harness wire, specifically the fuse and relay, from the positive battery terminal along the firewalls existing wire routes. **Note:** *Tape as necessary to correct slack.*
3. Secure the relay by either drilling or using a pre-existing bolt along the chassis that is not connected to any other wire.
4. Run the switch harness through the firewall preferably through the pre-existing rubber plug that is used to run the OEM wiring harness from the engine bay to fuse box. **Note:** *Reconnect the switch to the wiring harness.*
5. Place the LED plug wire along the fender chassis where it will not get pinched and away from any moving parts (fan, pulleys etc.).
6. Run the attached wire from the LED Light Bar as previously mentioned away from any moving parts.
7. Connect both ends of wiring connectors from LED light bar and wiring harness.
8. Re-connect battery terminals, attach the red (+) wire to battery positive, and the black (-) wire to ground. **Note:** *Add dielectric grease (not supplied).*
9. Turn on the switch to make sure if the light works. If not, please check carefully if the wiring installation is correct.

