

advanced FLOW engineering

Instruction Manual P/N: 79-21003L

Scorpion Grille

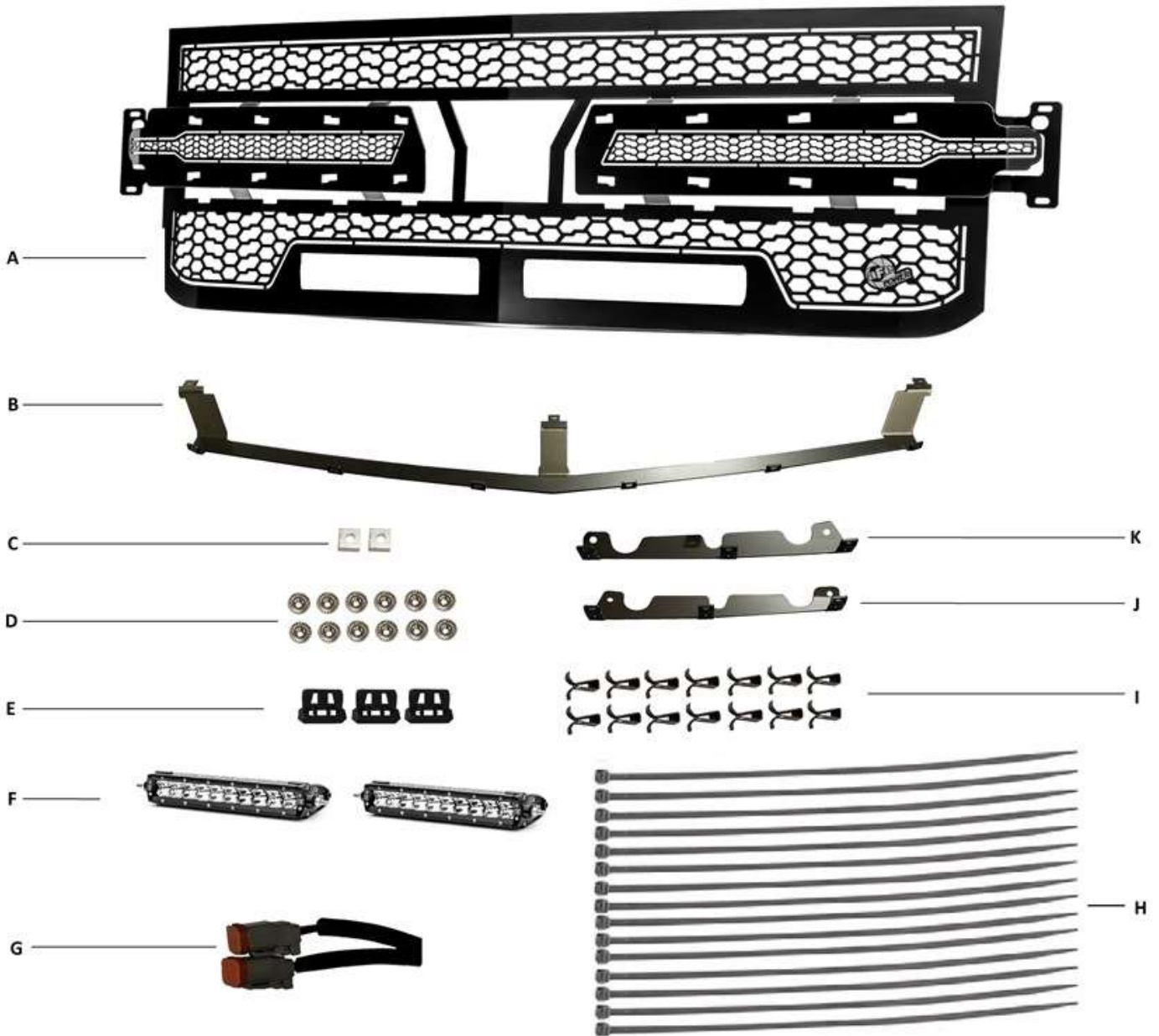
Make: **Chevrolet** Model: **1500 Silverado** Year: **2019-2020**



- Please read the entire instruction before proceeding.
- Ensure all components listed are present.
- Ensure you have all necessary tools before proceeding.
- Disconnect the negative battery terminal before proceeding.
- If you are missing any of the components, call customer support 951 493 7100

Label	Qty.	Description
A	1	aFe Scorpion Grille
B	1	Plate, Bottom
C	2	Spacers, Square Aluminum
D	12	Nuts, #10-32 Flange
E	3	Clip, Large Fasteners (Installed)
F	2	10" Single Row LED (Installed)
G	1	Power Harness
H	15	Ties, Cable
I	14	Clips, Small Fastener Retaining
J	1	Plate, Right Top Plate
K	1	Plate, Left Top Plate

- Applications models vary. We recommend verifying fitment before beginning installation process.
- Images featured in the instruction documents may not always exactly match your grille.
- **Does not fit: Custom, Custom TrailBoss, Work Truck**





Note: Before you begin, use “Painter’s Tape” to apply a protective guard around the work areas (fender, bumper, valance, headlights and turn signals). This will help protect the paint and finish of your vehicle.

1. Disconnect the negative battery terminal.
2. Locate the hood release latch handle. Remove the two (2) screws that attach the plastic handle to the hood release mechanism. Save the removed parts and hardware for reinstallation.
3. Remove the ten (10) push pin retainers and remove the plastic radiator cover. Save the removed parts and hardware for reinstallation.



4. Remove the four (4) screws that retain the factory grille to the core support. Save the removed hardware for reinstallation.



Note: Please use extreme caution while performing the following step.

Note: Use "Painter's Tape" to apply a protective guard around the work areas. This will help protect the paint and finish of your vehicle.

5. Using a plastic prying tool, carefully pop the clips out of the core support (near the headlight and turn signal area).



Note: Please use extreme caution while performing the following step.

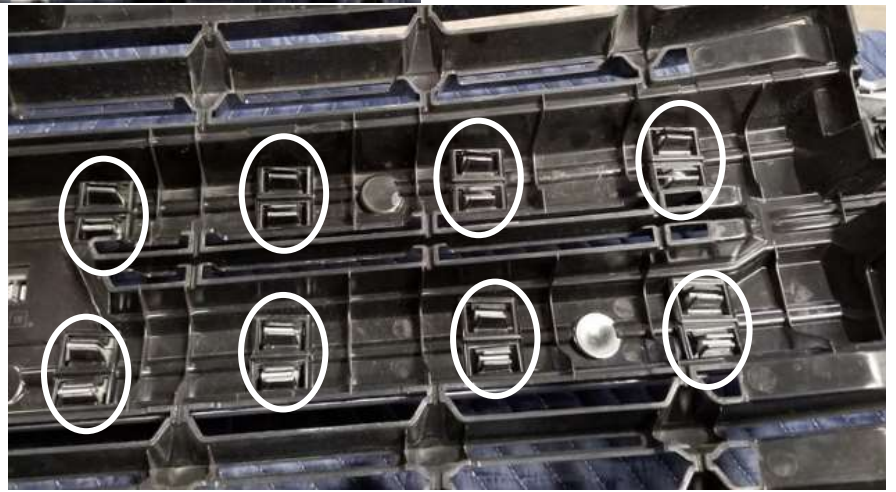
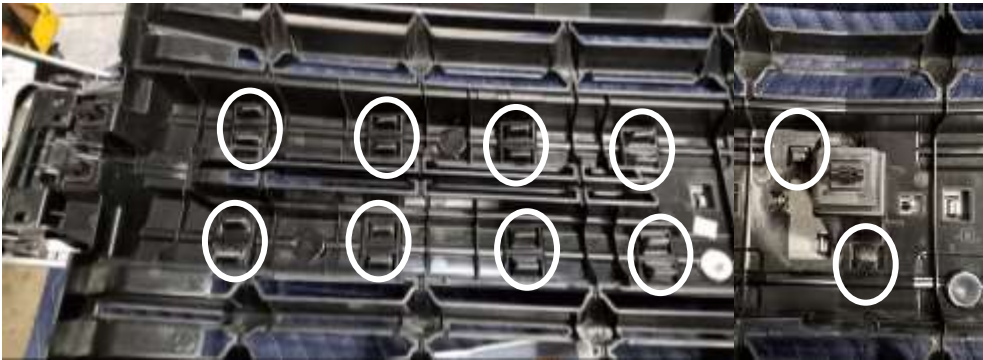
Note: Please read the instruction below prior to removing the factory grille.

6. With the clips removed from the core support (near the headlight and turn signal area), carefully pull the top of the grill away from the core support. At the bottom of the factory grille are three (3) clips. Pry the clips out and remove the factory grille from the vehicle.



Note: To prevent scratching painted parts use protective covering between the grille and a flat surface.

7. Remove the four (4) screws that attach the inner factory grille to the outer factory grille. Save the hardware for reinstallation.



8. Disconnect the clips that secure the factory outer grille to the factory inner grille. Remove the factory inner grille and discard. Save the outer grille for reinstallation.



Note: To prevent scratching painted parts use protective covering between the grille and a flat surface.

9. Install the one (1) supplied bottom plate to the aFe Scorpion grille using six (6) supplied #10-32 flange nuts.



10. Install the one (1) supplied left top plate using three (3) #10-32 flange nuts.



11. Install the one (1) supplied right top plate using three (3) #10-32 flange nuts.



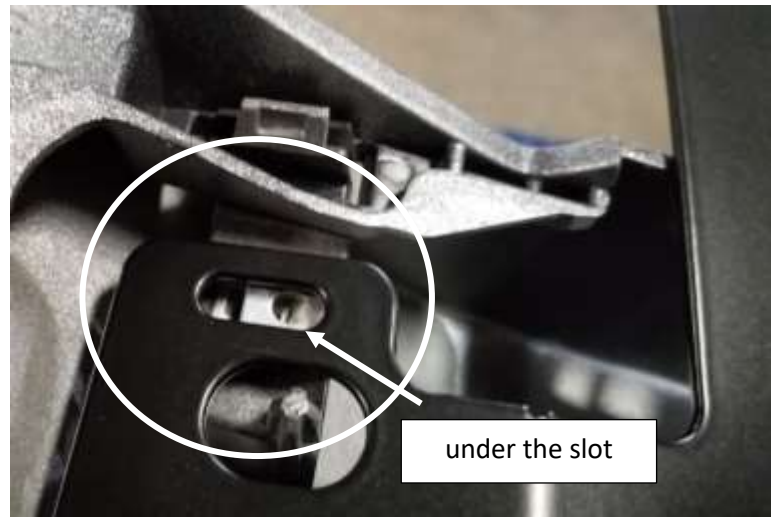
This is what the assembled aFe Scorpion grille should look like when completely assembled.

Note: Check the three (3) large fastener clips are installed correctly.



Note: To prevent scratching painted parts use protective covering between the grille and a flat surface.

12. With the outer factory grille laying on the flat surface, place the aFe Scorpion grille onto the outer factory grille. Make sure to line up the center of the outer factory grille to the aFe Scorpion grille. It may help to mark the center of both grilles with a marker.



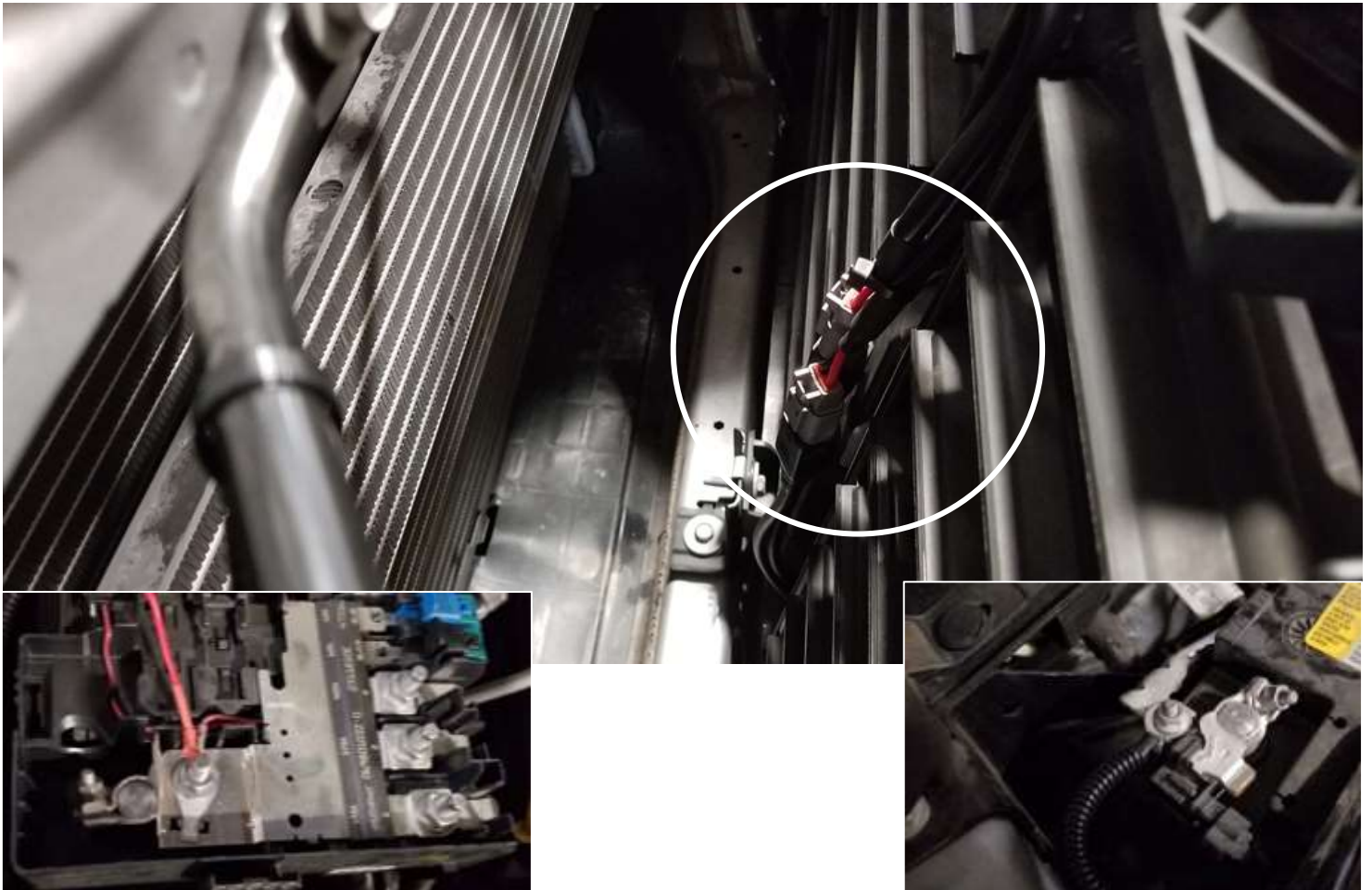
13. Install the two (2) supplied square aluminum spacers. Locate the slotted hole in the top left and right corners of the aFe Scorpion grille. The square aluminum spacers will be installed between the aFe Scorpion grille and the outer factory grille.



14. Install the four (4) screws removed in Step 7. Check the center line and tighten to factory specifications.



15. Install eight (8) supplied small fastener retaining clips onto the factory clip points protruding through the aFe Scorpion grille.



16. Before installing the aFe Scorpion grille assembly, install the supplied power harness. The red wire goes on the positive battery terminal (+) and the black wire goes on the negative battery terminal (-). You will need to mount the switch inside the cab or to an available prewired switch. Use the (15) supplied 8" cable ties to secure the wiring loom to the vehicle.



17. Place the aFe Scorpion grille assembly on the truck and attach the light wires to the 10" single row LED lights. Carefully push the attachment clips back into the core support (near the headlight and turn signals) attachment points.



18. Install the four (4) screws that retain the grille to the core support that were removed in Step 4. Tighten to factory specifications.



19. Reinstall the plastic radiator cover. Install the ten (10) push pin retainers that were removed in Step 3.



20. Reinstall the two (2) screws that attach the plastic handle to the hood release mechanism that were removed in Step 2. Tighten to factory specifications.



21. Remove all the painter's tape if any was applied.

22. Installation is now complete.

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PLEASE CONSULT YOUR LOCAL AUTOMOTIVE ELECTRICAL PROFESSIONAL FOR INSTALLATION SERVICES AND ADVICE. aFe Power IS ONLY EQUIPPED TO PROVIDE BASIC TECHNICAL ASSISTANCE DUE TO THE DIVERSITY OF VEHICLES, VEHICLE OPTIONS & MODIFICATIONS AND LIGHTING.

CONFIGURATION OPTIONS AVAILABLE. aFe Power products cannot be held liable due to improper component installation and / or faulty wiring.

GENERAL GUIDELINES:

LED Lights & LED Light Bars operate at relatively high currents and should only be installed by qualified personnel with experience in switched / relayed high draw DC Circuits.

- Light Bars are designed for use only with standard 12v DC power systems
- Light Bars are for OFF-ROAD USE ONLY. Check your local laws & regulations regarding vehicle mounted lights.
- Some Light Bars are equipped with waterproof connectors while others are simply pig-tailed
- Red Wires = POSITIVE | Black Wires = NEGATIVE
- ALWAYS install your lights on a fused circuit. Basic fusing guidelines: maximum 5A for every 10" of LED Light Bar.

GENERAL USE, INSTALL AND ADJUSTMENT TIPS

NOTE 1: aFe Scorpion Grilles (with LED Light Bars installed), and LED Light Bars themselves are for OFF-ROAD USE ONLY.

NOTE 2: To adjust the angle of your light bars simply loosen the mounting hardware on either side of each Light Bar, rotate the Light Bar to adjust the angle, then tighten the hardware once the desired angle is achieved (please be careful not to over-tighten the mounting hardware or scratch the protective powder-coat finish). It is best to adjust the angle with the vehicle on level ground with the lights facing a wall, garage door or other solid barrier at approximately 25-30 feet.

NOTE 3: Please consult a qualified automotive electrical professional for light bar wiring installation.



GRILLE CARE INFORMATION

aFe Power Scorpion Grilles are the finest in the industry but do require normal care. Wash regularly as you would when caring for your vehicles. Never use dish soap.

GLOSS BLACK FINISH

aFe Power Scorpion Grilles with gloss black powder coated finish may be washed regularly as you would when caring for your vehicles finish using soap and water. aFe Power Scorpion Grilles should be waxed at the same time that you wax the vehicle. As a rule, anything you use to clean your vehicles painted surfaces can be used to clean and maintain your aFe Power Scorpion Grille. A gloss powder coated finish can be cared for in the same fashion that you would care for your vehicle's factory paint job. Never leave wet water spots as that may leave a blemish.

MATTE BLACK FINISH

Paint warranty applies to defects in material and / or workmanship, it does not cover the matte finish surface appearance. To enjoy the matte appearance for many years to come, please follow these owner care and maintenance tips. Get a no-shine matte car wash soap that uses no fillers, no silicone, and won't strip your matte paint of its layer of protection. Do not use wax, detail spray, armor all®, or any products made for normal paint. Use only products specifically developed for matte finish paint. Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds. do not use mechanical cleaners or polishers. Do not use terrycloth, cloth, or paper towels. Do not rub the finish vigorously, this will burnish the paint finish, causing a permanent shiny spot. Shiny spots cannot be removed.

Do not use commercial car wash facilities or their shine enhancement products. Most car wash brushes, large mechanized "towels," and shine enhancement products can damage matte paint. Remove foreign substances such as insect remains, tar, and road debris using a soft applicator and a mild solvent; saturate and soak area before cleaning—rub lightly.

Hand-wash with a soft wash mitt and mild cleaning product safe for matte paint. Use microfiber cleaning cloths with alcohol-based window cleaner for basic surface clean-up.

aFe Scorpion Grilles product warranty:

aFe Power warrants its grille products to be free from defects in material and workmanship for the lifetime of the grille. aFe Power products warrants the finish of its grille products for a 3-year period beginning at the time of sale to the end user. These warranties are limited warranties and do not cover abuse, modification or improper installation nor do they cover finish failure caused by caustic cleaning agents, road salts or other chemicals. aFe Power reserves the right to repair or replace a defective product at its sole discretion. Any aFe Power product must be returned to aFe Power for warranty consideration and must be returned at the customer's expense. In the event that the product is deemed to be defective, the repaired or replaced item will be returned via a surface shipping method to the customer at aFe Power's expense. No provision is made for any labor, rental car or other costs incurred by the failure of its products.



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