

**advanced FLOW engineering**

**Instruction Manual** P/N: 77-44007

SCORCHER HD Module

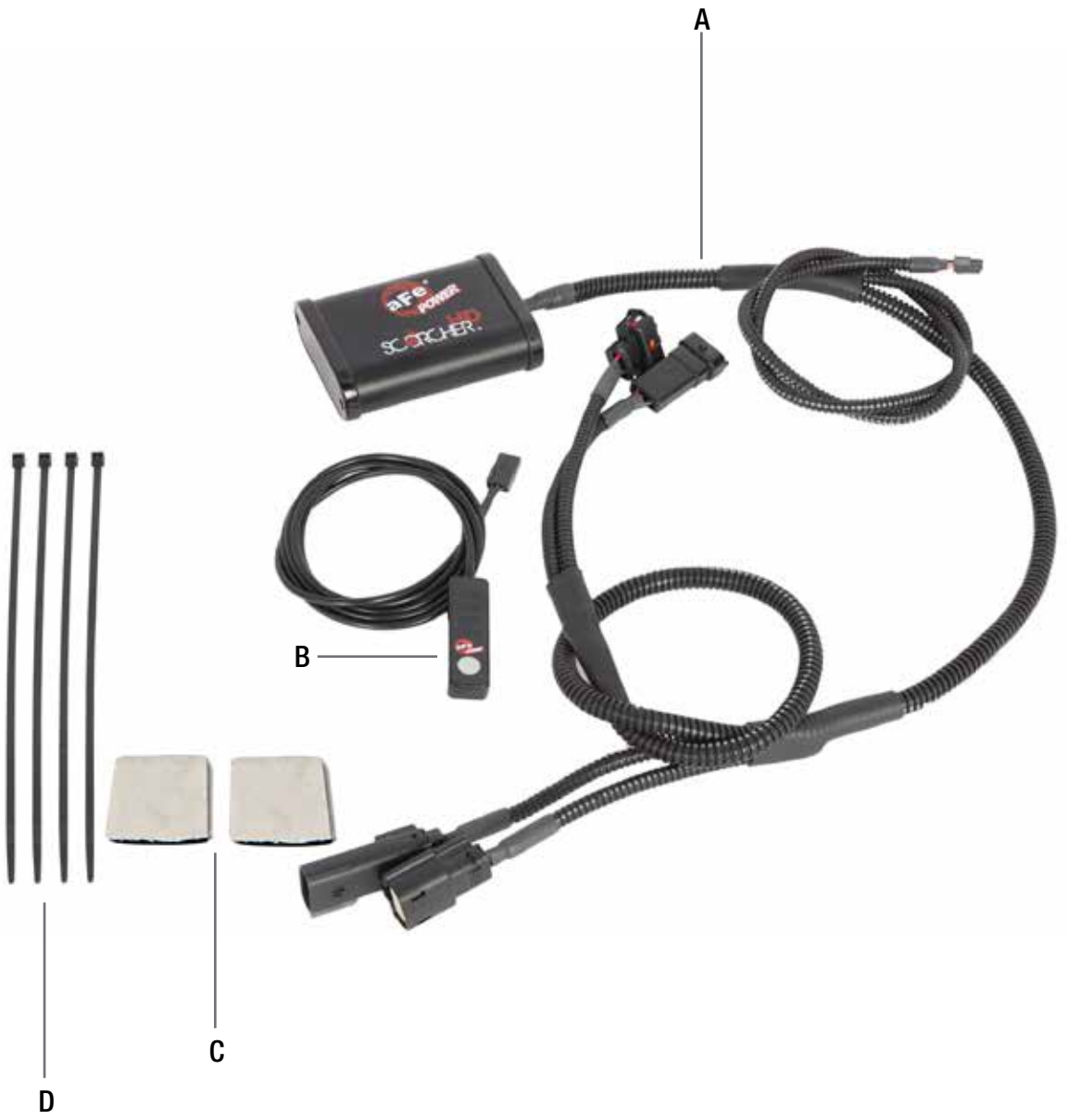
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Make: **GM** Model: **Silverado HD/Sierra HD** Year: **2011-2014** Engine: **V8-6.6L (td) Duramax (LML)**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Module	R77-44007
B	1	LED Switch	05-70005
C	2	Hook and loop fastener (2 Inches)	05-01244
D	4	Cable Ties	05-60167



**Figure A****Refer to Figure A for Steps 1-2.**

Step 1: Locate the MAP sensor (1). The MAP sensor is next to the intake manifold

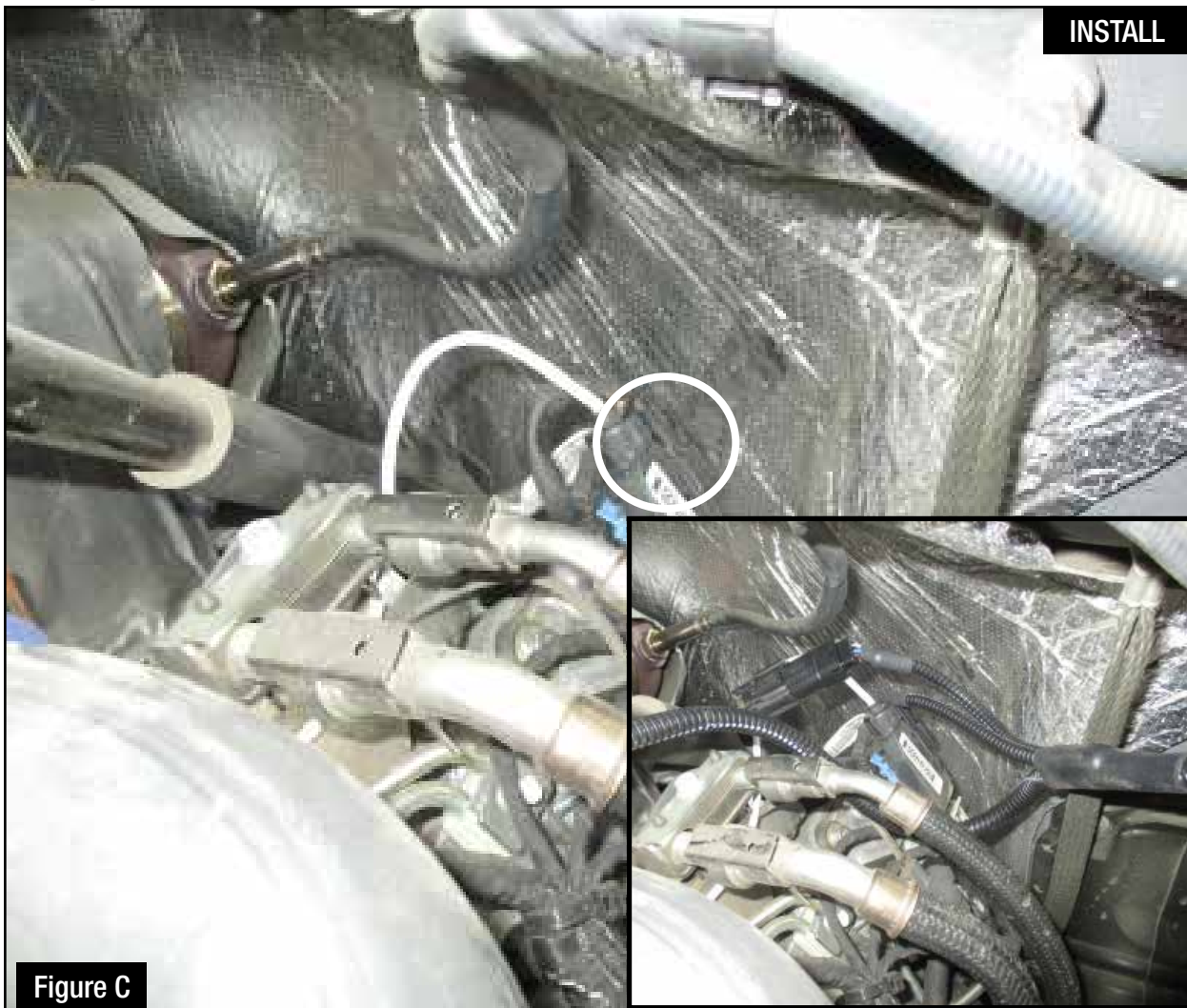
Step 2: Locate the fuel pressure sensor (2). It is accessible between the firewall and boost tube.

**Figure B****Refer to Figure B for Steps 3-4.**

Step 3: Disconnect the MAP sensor.

Step 4: Locate the MAP sensor jumper harness on the aFe module. This is the longer harness with a red cable on both connectors. Plug the male connector of the module to the female connector of the engine harness, then the female connector of the module to the stock map sensor of the engine.

**Note: Make sure connections are fully engaged. Usually, connectors make a snapping sound when fully engaged.**

**Figure C****Refer to Figures C for Steps 5-6.**

Step 5: Locate and disconnect the fuel pressure sensor, on the driver's side of the engine .

Step 6: Locate the fuel pressure sensor jumper harness on the aFe module. This is the shorter harness with a grey cable on both connectors. Plug the male connector of the module to the stock fuel pressure sensor, then take the male connector of the module and connect to the female connector of the engine harness.



**Refer to Figure D for Step 7.**

Step 7: Carefully detach the cover below the steering wheel to allow the switch and cable through (3). Mount the Switch on an open, flat surface (4). Route the switch harness and re-attach cover below steering wheel.



Figure E

**Refer to Figure E for Step 8.**

Step 8: Route the switch cable through firewall and into the engine bay. Follow the main harness through the grommet into the firewall. Plug the end of the cable to the module.





Figure F

**Refer to Figure F for Step 9.**

Step 9: Mount the module in a safe location, using the supplied Hook and loop fastener strip. Then, secure the wires and module away from any extreme heat and moving parts, with the provided ties. Make sure all connections are secured and fully engaged.



**Refer to Figure G for Step 10.**

Step 10: When turning on the vehicle, the switch will go through the light. It will stop at it's last setting.

The LED on the switch represents the different level of power.

- Green LED: Stock
- Yellow LED: Sport
- Orange LED: Sport+
- Red LED: Race

Use the grey button to select the desired setting. Power adjustments can be done at any moment.

**NOTE: Place enclosed CARB EO sticker on or near the device on a smooth, clean surface.**

**EO identification label is required to pass the smog test inspection.**

Intercooler w/ Tubes



P/N: 46-20112

Rear Differential Cover



P/N: 46-70012-WL (w/ Oil)  
46-700012 (Blk)  
46-70010 (RAW)

Transmission Pan Cover



P/N: 46-70072 (Blk)  
46-70070 (RAW)

Air Intake System



P/N: 51-82322 (PDS)  
75-82322 (PG7)

Air Intake System



P/N: 50-74006-1 (P10R)  
51-74006-1 (PDS)

Oil Filter

Sprint Booster



P/N: 77-14003

Exhaust System



P/N: 49-04044-P (Pol)  
49-04044-B (Blk)

Exhaust Race Pipe

Transmission Filter



P/N: 44-TF006 (Deep Pan)  
44-TF009 (Shallow Pan)

OER Air Filter



P/N: 44-LF001

Oil Cap



P/N: 79-12002



P/N: 49-44055



P/N: 30-80209 (P5R)  
31-80209 (PDS)  
73-80209 (PG7)