



advanced FLOW engineering

SCORCHER HD Module

Instruction Manual P/N: 77-42005

Make: Dodge Model: 2500/3500 HD Year: 1998.5-2002 Engine: L6-5.9L (td) Cummins



- 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 at 951-493-7100.
- 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 | R77-42005 |
| B | 1 | LED Switch | 05-70005 |
| C | 2 | Velcro (2 Inches) | 05-01244 |
| D | 4 | Cable Ties | 05-60167 |

Warranty Information available at: <https://afepower.com/contact#warranty>



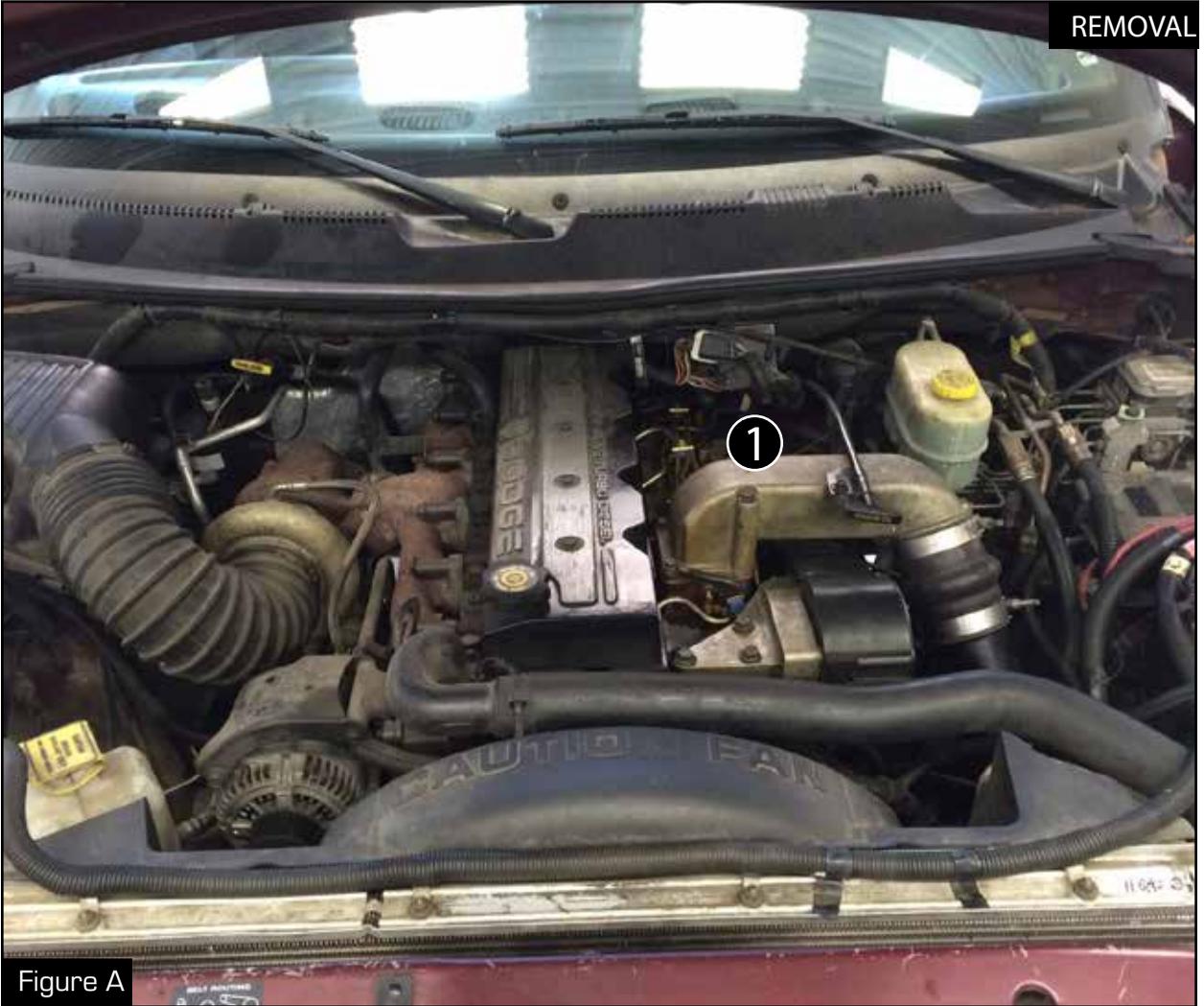
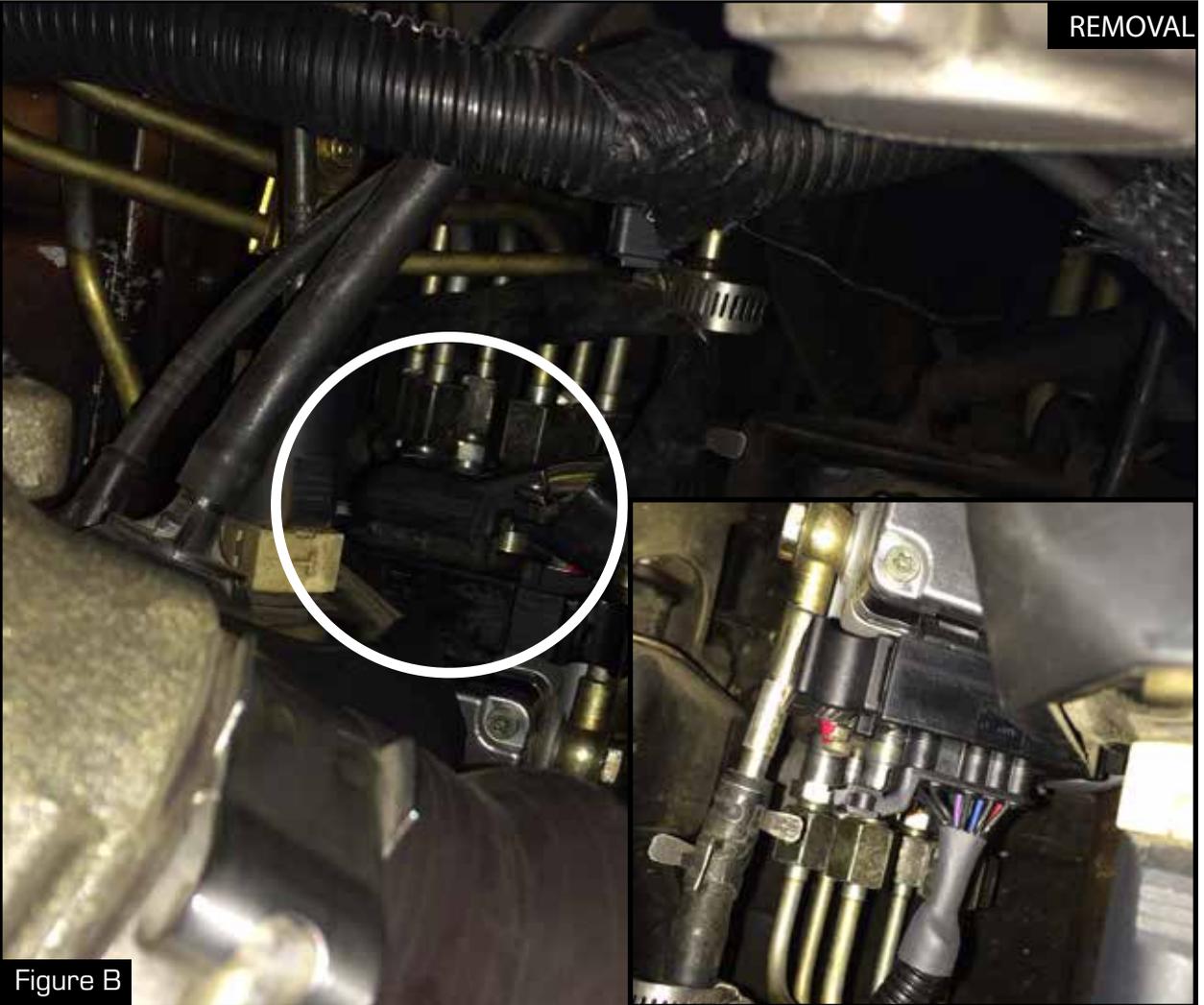


Figure A

Refer to Figure A for Step 1.

Step 1: Locate the Injection pump ① on the driver side of the engine under the intake manifold.



Refer to Figure B for Steps 2-3.

Step 2: Disconnect the Injection pump connector by sliding out the locking retainer.

Step 3: Locate the Injection pump connector jumper harness on the aFe module. Plug the male connector of the module to the stock Injection pump connector, then the female connector of the module male connector of the engine harness.

Note: Make sure connections are fully engaged, assure locking retainer is locked.



Figure C

Refer to Figures C for Steps 4-5.

Step 4: Carefully route the switch cable behind steering wheel cover.

Step 5: Mount the Switch on an open, flat surface.



Figure D

Refer to Figure D for Step 6.

Step 6: 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 E

Refer to Figure E for Step 7.

Step 7: Mount the module in a safe location, using the supplied Velcro 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.

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

When turning on the vehicle, each LED will flash, and it will stop at its last setting. The LED on the switch represents the different levels 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 time while the unit is on.

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.



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advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

<https://afepower.com/contact>