

advanced FLOW engineering

Instruction Manual P/N: 77-42005

SCORCHER HD Module

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 | 05-70029 |
| C | 2 | Velcro (2 Inches) | 05-01244 |
| D | 4 | Cable Ties | 05-60167 |





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.

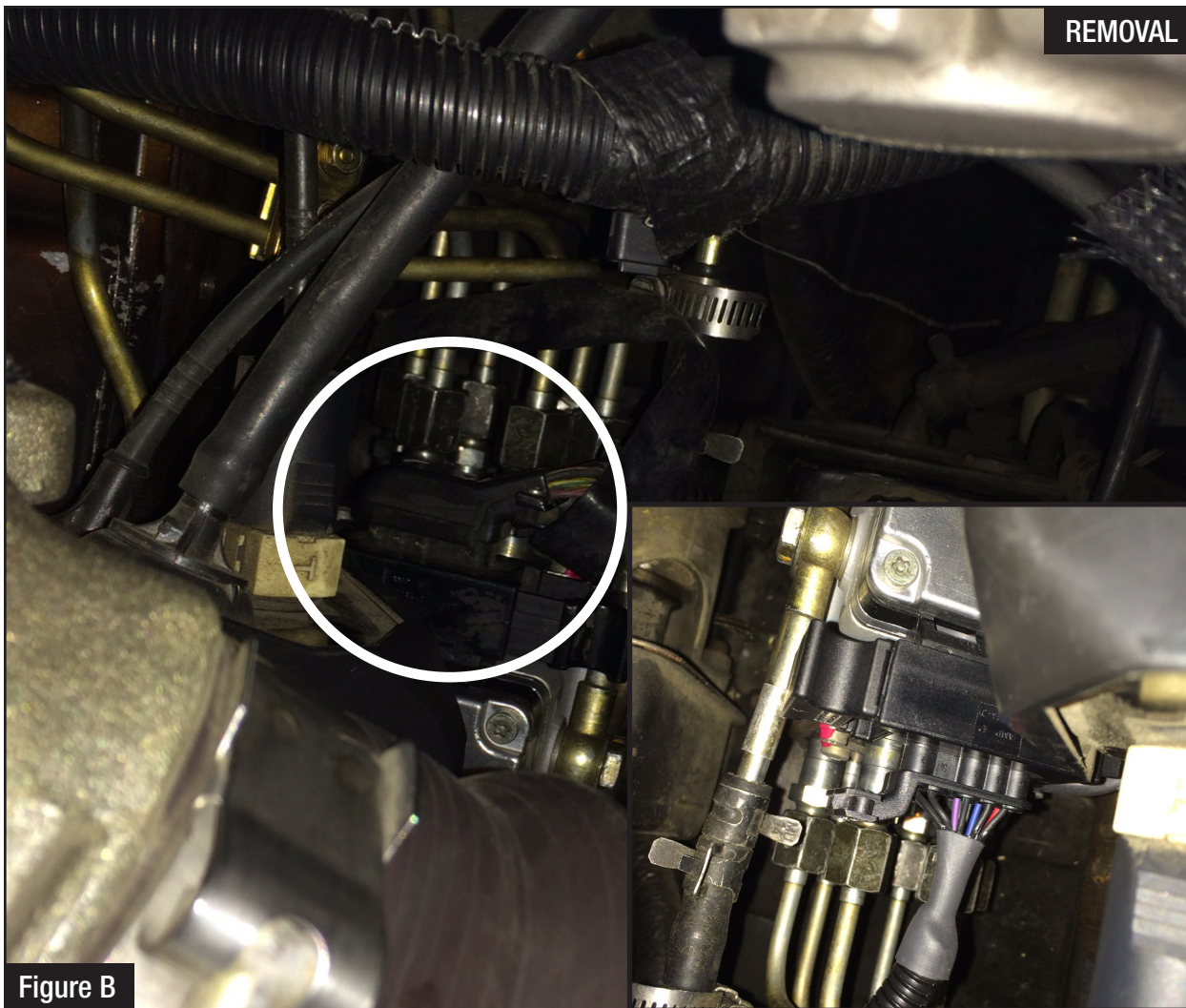


Figure B

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.

Stock
Sport
Sport+
Race

Figure L
Refer to Figure L for Step 8.

Step 8: When turning on the vehicle, the switch will go through the light. It will stop at its 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: 46-20062

Rear Differential Cover



P/N: 46-70032-WL (w/ Oil)
46-70032 (Blk)
46-70030 (RAW)

Turbocharger w/ Manifold



P/N: 46-60060-MB

Air Intake System



P/N: 51-72001 (PDS)
75-72001 (PG7)

Transmission Pan



P/N: 46-70052 (Machined)
46-70051 (All Black)

Exhaust System



P/N: 49-42033-B (Blk Tip)
49-42033-P (Pol Tip)

Intake Manifold



P/N: 46-11112

Race Exhaust System



P/N: 49-02033 (No Muffler)

Intercooler Tubes



P/N: 46-20064-B (Black)
46-20064-R (Red)

OER Air Filter



P/N: 30-10011 (P5R)
31-10011 (PDS)
73-10011 (PG7)

Oil Filter



P/N: 44-LF002

Fuel Filter



P/N: 44-FF010

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video please go to aFepower.com.

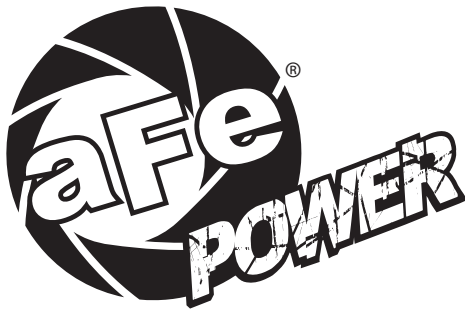
Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

| Product Category | P/N Prefix | Warranty duration |
|----------------------------------|--------------------------------|--------------------------|
| Direct OE Replacement Filters | 10, 11, 30, 31, 71, 73 | Life of the vehicle |
| Racing Filters | 18 | 1 year |
| Universal | 21, 24, 72, TF | 2 years |
| Air Intake Systems | 50, 51, 54, 55, 75, TR, TA, TL | 2 years |
| Exhaust Systems | 49 | 2 years |
| Intercoolers & Intercooler Tubes | 46-2 | 2 years |
| Intake Manifolds | 46-1 | 2 years |
| Differential Cover | 46-7 | Life of the vehicle |
| Exhaust Manifolds | 46 | 2 years |
| Throttle Body Spacers | 46-3 | 2 years |
| Fluid Filters | 44 | 90 days |
| Pre-Filters | 28 | 2 years |
| Heavy Duty OE Replacement | 70 | 2 years |
| PowerSports OE Replacement | 81, 87 | 2 years |
| PowerSports Intake Systems | 85 | 2 years |
| Tuners | 77 | 1 year |

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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