



12100 MODULE

INSTALLATION GUIDE

— 1998–2005 —

8.3L & 9.0L CAPS FUEL SYSTEM
CUMMINS ENGINES

UP TO 30% HP GAIN
10–20% FUEL SAVINGS



AGDIESELSOLUTIONS.COM



We Recommend Replacing the Transient Suppressor Before Installing a Performance Device.

The Transient Suppressor absorbs the extra current created when the Injection Control Valve closes after an injection event. Without the transient suppressor, high voltage would be transmitted back into the ECM damaging the pump driver circuits and possibly the Injection Control Valve.

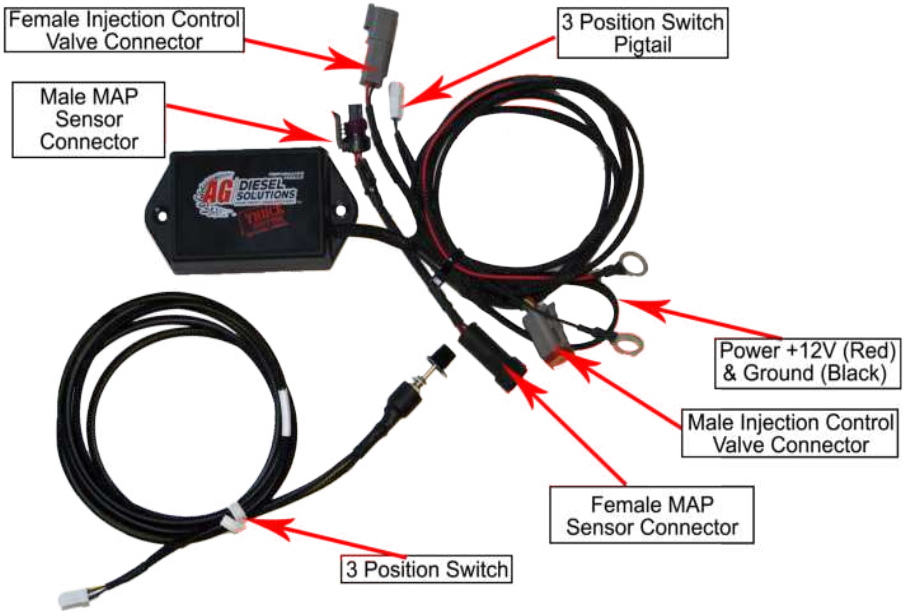
Typical Location: The suppressor extends from the main trunk of the engine harness and is mounted with a p-clip to the engine block. It is a small copper colored cylinder with a red and a black wire extending from one end. It is located just below where the injection lines connect to the fuel pump. The injection control valve is located at the rear of the fuel injection pump, on the top of the distributor, and below the accumulator.

Caution: When the transient suppressor is working normally, it will generate heat. The heat generated in the transient suppressor is dependent on the speed of the engine. Care must be taken when replacing the suppressor.

Note: Your CNH or Cummins dealer can provide you with the correct part for replacement and the correct location of the suppressor on your equipment.



8.3L & 9.0L Cummins Engine Instructions



****Note- switch needs to be plugged into harness for module to work properly****

**For Tech Support Please Call
812-618-9168**

Adjustable on the fly
Position 1 - Stock (counter clockwise)
Position 2 - Low- Up to 15% HP
Position 3 - High- Up to 30% HP



Module switch can be ran inside the cab for easy performance adjustment. Module switch can be secured in engine bay if desired.

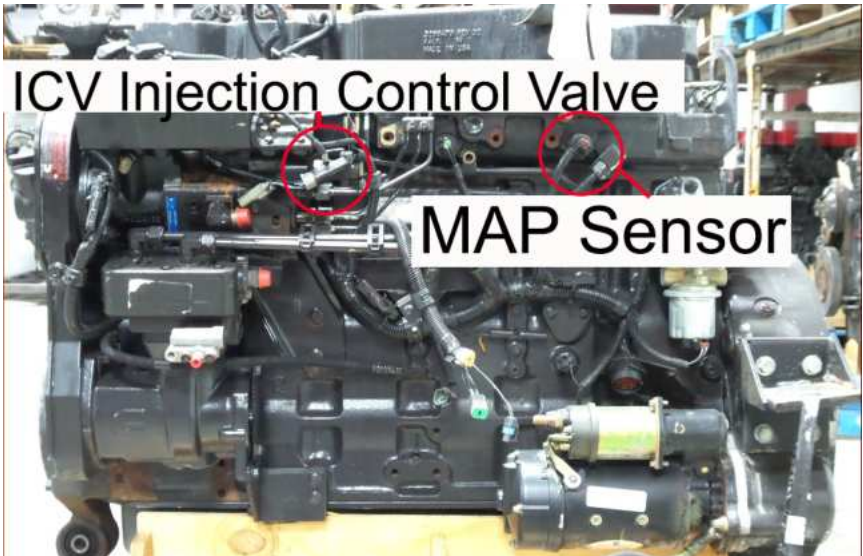
NOT FOR USE IN CALIFORNIA

MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISION CONTROL SYSTEMS

***If installation assistnace is needed, Ag Diesel Solutions is not responsible for any cost associated with third party installation.**

8.3L & 9.0L Cummins Engine Instructions

1) Locate and unplug the MAP Sensor and ICV injection control valves located below the large accumulator plane.



2) Connect the male injection control valve connector from the module into the stock female connector.

Note: Do not connect to the CAPS accumulator wire located on the top of pump.



3) Connect the female injection control valve connector from the Ag Diesel Solutions harness into the stock male connector.



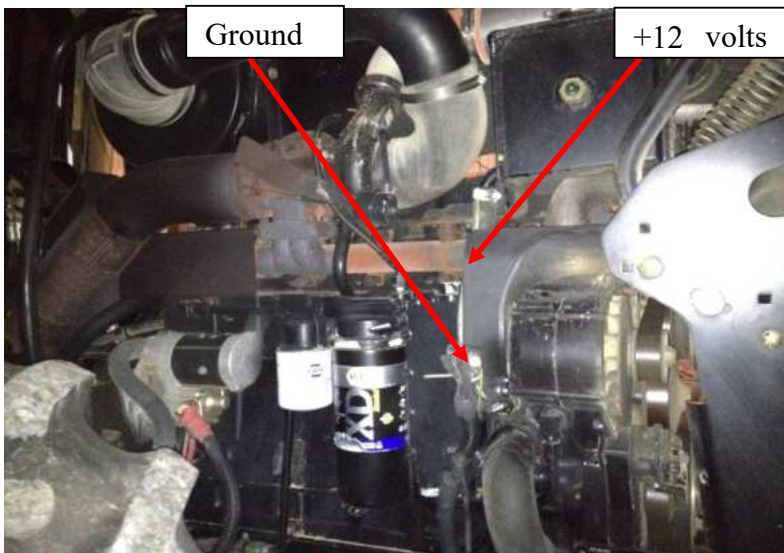
4) Unplug the MAP Sensor. Plug the male MAP sensor connector from the Ag Diesel Solution harness into the stock female MAP sensor connector.



5) Connect the Female MAP sensor connector from the Ag Diesel Solutions harness into the stock male MAP sensor connector.



6) Connect the red wire with a ring terminal to a constant 12 volt source. Connect the black wire with a ring terminal to a good engine ground. Wiring can be routed over the engine to the Alternator. **Note: For RV's, power and ground needs to be connected to the engine, not the house battery system.**



7) Mount the module in a safe location using the supplied wire ties. Secure the module away from any excessive heat and moving parts.



8) Once you have installed the module, connect the switch to the switch pigtail. Once connected you can zip tie it to the module and leave it in place.



For Tech Support
Please Call
1.812.618.9168



For any
questions on
this installation
please call Tech
Support at
812.618.9168





Why Ag Diesel Solutions Modules ?

***Saving More Fuel Per Hour with 10-20% Returns
Getting More Done -- Up to 30% More Horsepower and Torque***

No Programming of the Factory ECM or Changes to Fuel Pressure

***Linear Based Load Technology - Only Giving Power when You
Need It***

***Peace of Mind with USA Based Tech Support and
a 30 Day Money Back Guarantee***

***No Loss of Product Benefits if Factory Tuning is Required
Reduce Downtime - Install Yourself - No Tech Needed***

***Transferable to New Machines with Same Engine
Does Not Defeat or Delete Any Engine Components***



AgDieselSolutions.com

Engineered, Manufactured, Tested and Proven in the

U.S.A

3 Year Warranty

THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK.

Do not use this product until you have carefully read the following agreement. This sets forth the terms and conditions for the use of this product. The installation of this product indicates that the BUYER has read and understands this agreement and accepts its terms and conditions

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IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT, THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UNUSED CONDITION, IN THE ORIGINAL PACKAGING, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN (30) DAYS FROM THE DATE OF PURCHASE FOR A FULL REFUND. THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS ITS TERMS AND CONDITIONS

Effective 11/1/2022



- UP TO 30% HORSEPOWER INCREASE
- UP TO 10%–20% IN FUEL SAVINGS
- DOES NOT FLASH THE FACTORY ECM
- FIELD TESTED & DYNO PROVEN
- PLUG & PLAY INSTALLATION

Performance Electronics for Agriculture, Forestry, Construction, Pick-Up Trucks, Medium Duty Trucks, RVs, Heavy Duty Semis , and more!



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