



*UP TO 30% MORE HORSEPOWER  
10-20% FUEL SAVINGS*

— M.A.N. 24.2L —  
TIER II V12 ENGINES

# MANV1224 MODULE INSTALLATION GUIDE



[AGDIESELSOLUTIONS.COM](http://AGDIESELSOLUTIONS.COM)

You Tube f

Module  
Connector

ECM Connectors  
(male and female,  
connect to the same  
ECM)

ECM Connectors  
(male and female,  
connect to the same  
ECM)



MAP  
Sensor  
Connectors



For Tech Support Please Call  
1.812.618.9168 or 1.855.343.7680

Adjustable Switch  
Horsepower Level Guide



STK - Stock Mode - 0% HP Increase  
Position 2 - Up to 15% HP Increase  
HI - High Mode - Up to 30% HP Increase

\*NOT FOR USE IN CALIFORNIA\*

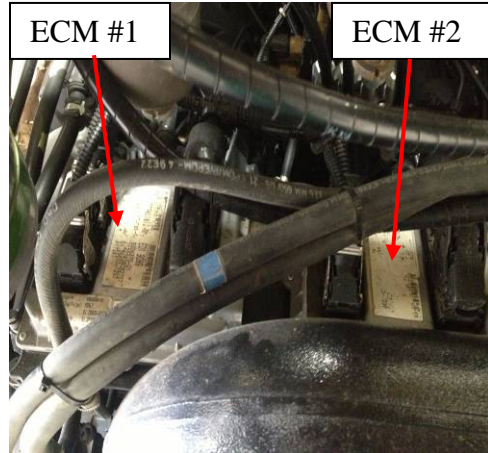
\*MODULE DOES NOT BYPASS, DELETE OR DEFEAT ANY EMISSION  
CONTROL SYSTEMS\*

\*If installation assistance is needed, Ag Diesel Solutions is not  
responsible for any cost associated with a third party installation\*

# V12 M.A.N. Engine Instructions

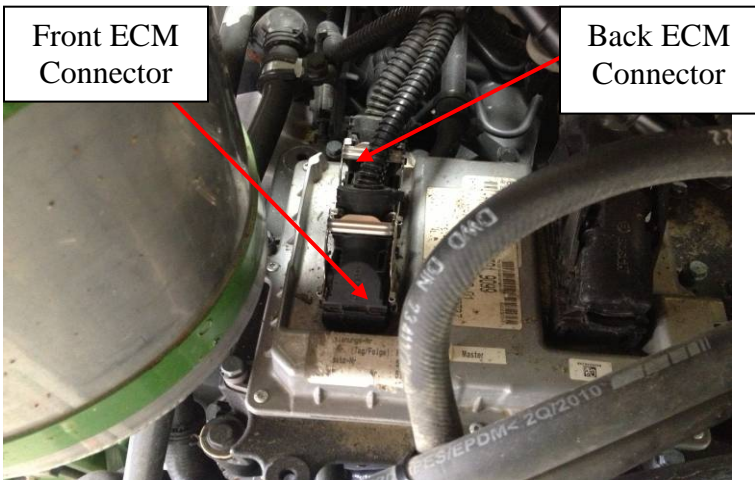
- 1) Locate the 2 ECM's on top of the engine.

**Note: The new module harness will connect to both ECM's.**



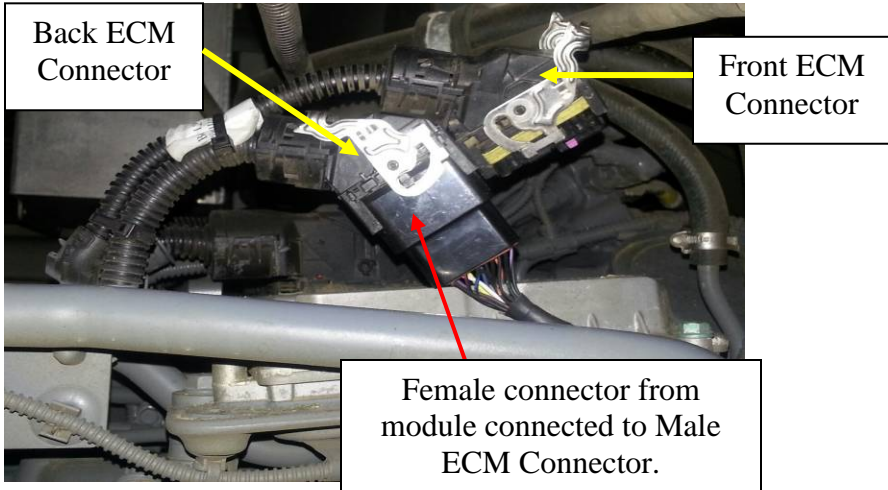
- 2) Rotate the locking levers and disconnect the 2 sets of smaller plugs on **BOTH ECM #1 and ECM #2** (2 plugs on ECM #1 and 2 plugs on ECM #2). The “Front” ECM Connector (shown below) is only removed to allow access to the “Back” ECM Connector. The “Front” ECM Connector will reconnect directly to the stock ECM on both ECM's in Step 4.

**Note: Only 1 ECM is shown below, complete this procedure for Both ECM #1 and ECM #2.**



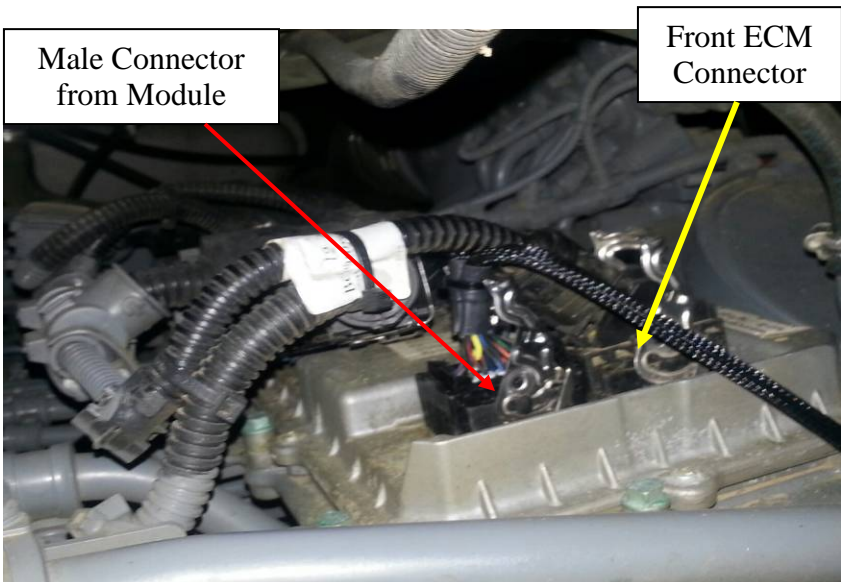
- 3) The female plug from the Module Harness will connect to the male ECM plug that was disconnected in Step 2. Perform this procedure on Both ECM #1 and ECM #2.

**Note: Either set of ECM connectors from the module can connect to either ECM on the engine.**



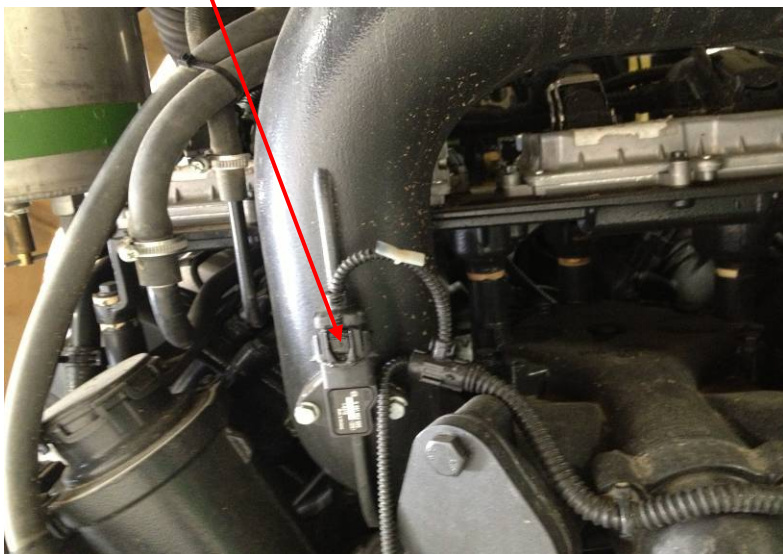
- 4) Plug the Male connector from the module into the 16 pin ECM port as shown below. Also reconnect the Front ECM Connector that was removed in Step 2.

**\*\*Perform this procedure for Both ECM #1 and ECM #2.**

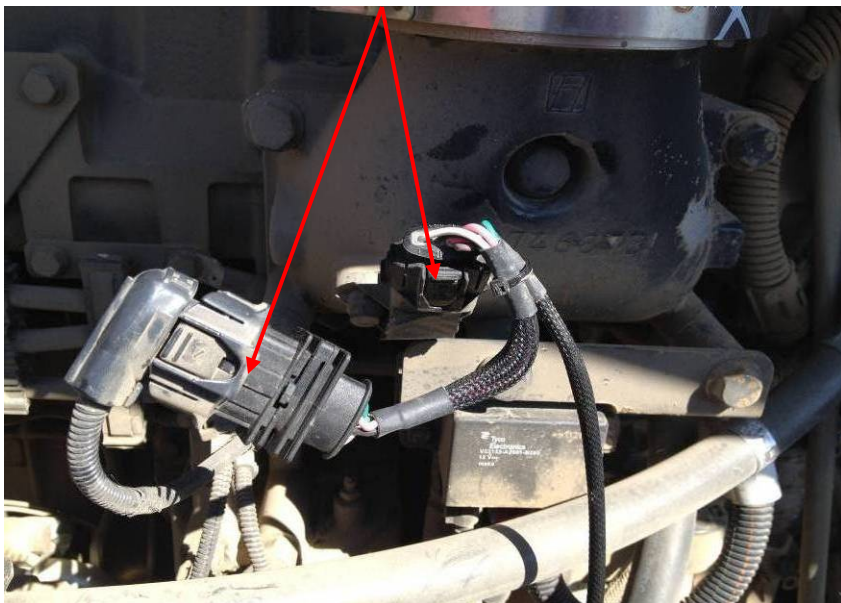




- 5) Locate the MAP Sensor mounted on the air intake. Disconnect the stock plug from the sensor. Press the release tab on the stock plug to disconnect.



- 6) Disconnect the stock MAP sensor and plug Male connector from module into the stock MAP sensor. Plug the Female connector from the module into the stock MAP sensor wiring harness.



- 7) Connect the Black wire with Ring Terminal to a good Chassis ground. Connect the Red wire with Ring Terminal to a constant +12 volt source. (the alternator is recommended)



- 8) Mount the module using the supplied wire ties.
- Note: Secure it away from any excessive heat or moving parts.  
Attach it to any existing stock wiring.**



## **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, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN THIRTY (30) DAYS FROM 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.

## AGRICULTURE



Up to 30% Horsepower Increase  
10-20% Fuel Savings  
Does NOT Flash Factory ECM  
Does NOT Void Equipment Warranty  
Plug and Play Installation  
LIFETIME WARRANTY

## CONSTRUCTION



Up to 30% Horsepower Increase  
10-20% Fuel Savings  
Does NOT Flash Factory ECM  
Does NOT Void Equipment Warranty  
Plug and Play Installation  
LIFETIME WARRANTY

## TRUCK EDITION: LIGHT DUTY



Up to 90 Horsepower Increase  
1-3 MPG Fuel Savings  
Does NOT Flash Truck ECM  
Does NOT Void Factory Warranty  
Plug and Play Installation  
LIFETIME WARRANTY

## TRUCK EDITION: MED, HEAVY DUTY



Up to 30% Horsepower Increase  
5-15% Fuel Savings  
Does NOT Flash Truck ECM  
Does NOT Void Factory Warranty  
Plug and Play Installation  
LIFETIME WARRANTY

LEARN MORE: [AGDIESELSOLUTIONS.COM](http://AGDIESELSOLUTIONS.COM)

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