



BULLY DOG

#1 IN PERFORMANCE

INSTALLATION MANUAL



Tractor Applications	Rapid Power Model Number
John Deere 8130 to 8530	40605
John Deere 8230 (T) to 8430 (T)	40605





TROUBLESHOOTING:

If you have questions during the installation of this product, please visit www.bullydog.com/Product_Updates.php. The latest version of these instructions can be found at the same location. Please review the Troubleshooting section on page 25 before calling technical support to cover the most common issues. Technical support is available by calling 866-bullydog (866-285-5936).

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INTRODUCTION

You have just purchased the most technologically advanced tractor module available for the John Deere 8030 series tractors. The Rapid Power module is the safest and longest lasting module on the market. The Rapid Power module also comes with free technical support and internet update ability, just call: 1-866-285-5936.

This instruction set outlines how to install and operate the Rapid Power module on All John Deere 8030 series tractors.

Always remember to remove the module from the tractor before taking it in for any kind of service as the module may interfere.

Bully Dog recommends installing a pyrometer gauge to monitor exhaust gas temperature when using any product to increase horsepower.

Product Description:

The product is made up of two different parts, the module box, and cable.

BILL OF MATERIALS

1. Rapid Power Module with Wiring Harness
2. Zip Ties



THE MODULE BOX: The module box contains the electronics that will allow your tractor to produce more horsepower. It is very important that this module is mounted away from all moving or hot parts. The box should be placed in an area protected from dirt and moisture.



THE MODULE BOX

THE CABLE: This cable allows the Rapid Power Module to connect to your tractor's engine. At the end of the wiring harness are four plugs, two male and two female plugs. These plugs will connect directly to the tractor's engine and wiring harness requiring no modification of the tractor.

MAP SENSOR PLUGS



Female Plug

Male Plug

FUEL RAIL PRESSURE SENSOR PLUGS



Male Plug

Female Plug

PRODUCT PLACEMENT OVERVIEW:

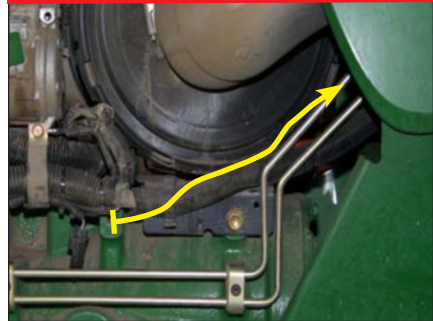


INSTALLATION INSTRUCTIONS:

1. Open Hood of Tractor, it is best to install module when engine is cool.

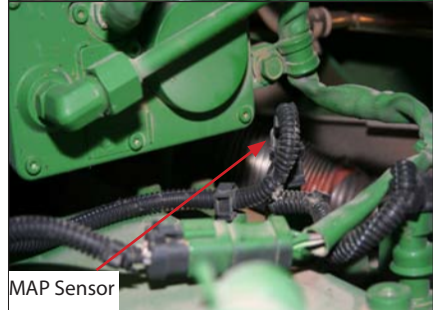


2.: Place module below the air filter in a safe location and run cable along the wiring harness toward the top of the engine.



3. Remove plug from the MAP sensor located at the top of the engine.

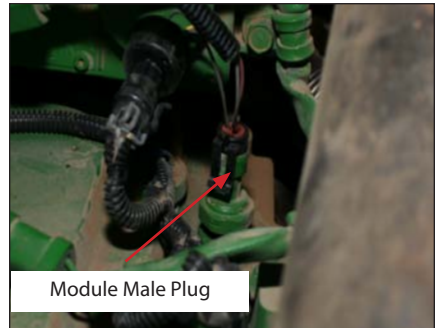
Note: Make sure the gray cap is securely fastened to male plug and is not in the MAP Sensor.



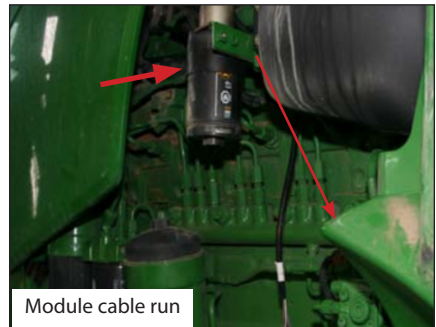
4. Plug tractor male plug into module female plug



5. Plug the module male plug into the tractor MAP sensor.



6. Continue routing module cable along the wiring harness above the engine. Run the cable down between the engine block and starting fluid can to the location shown.

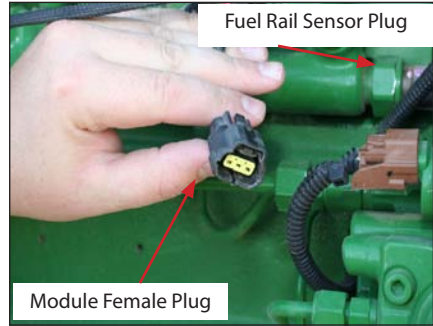


7.:Disconnect the plug from the factory fuel rail pressure sensor.

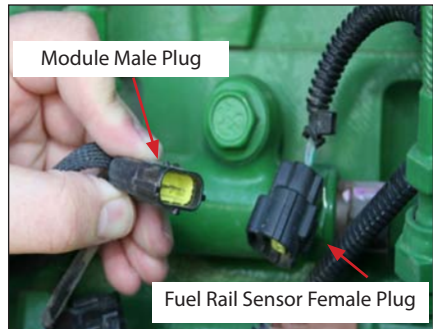
Warning: There might be a tamper resistant sleeve that needs to be removed from the Fuel rail pressure sensor. If applicable, remove carefully as to not void the tractor's warranty.



8. Insert module female plug into fuel rail pressure sensor.



9. Connect the module male plug to the tractor female plug.



10. Use zip ties to secure the Rapid Power cable to the tractor wiring harness. Be sure the cable will be safe from moving parts (such as the starter/flywheel) or hot exhaust system parts. Zip tie the module box to the cable harness as shown.



OPERATING INSTRUCTIONS:

INTERNAL POWER LEVEL SWITCH: The Rapid Power module has three power settings, Stock, 10% or 20%. To select different power levels remove the cover of the module box and the red switch, set the switch to the desired power level as shown below.



Both switches in the "off" position indicates Stock performance



First switch in the "on" position indicates 10% performance



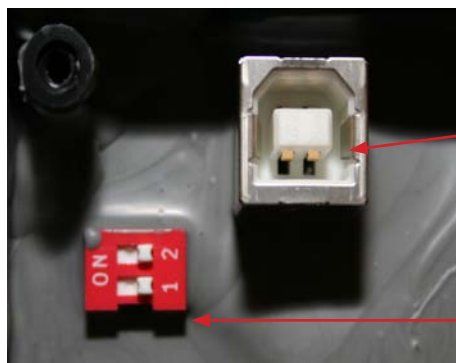
Second switch in the "on" Position indicates 20% performance



Both switches in the "on" Position indicates 20% performance

Be sure to securely fasten the module cover after changing the power level. Make sure the cable exits the box properly in the hole provided.

1. After completing the installation of the module, turn the tractor on to test if the module is working. If the tractor starts then the module is working. If the tractor does not start, check all of the connections on the install to be sure that they are secure and then attempt to start the tractor again.
2. Adjust performance setting to desired level and enjoy.



USB Port

Power Switches

INTERNET UPGRADES/UPDATE AGENT

IMPORTANT: The information on this page is applicable to all vehicles and tractors.

INTERNET UPDATE The Rapid Power Module is internet updatable. To update remove cover from the module and insert a USB cable into the USB port. Ensure that you have downloaded the Update Agent. The Update Agent will automatically recognize the module and prompt you to update the module if an update is available. Simply visit Bully Dog's web site www.bullydog.com/w.php to access the Download center to obtain the latest version of the Rapid Power Module.

The most efficient way of keeping up to date with Bully Dog product versions is to use the Update Agent[®]. The Update Agent is a software program developed by Bully Dog Technologies specifically to update Bully Dog products. The Update Agent is easy to use, it can be loaded on any windows based PC running Windows 2003 or newer. The Update Agent is attainable free of charge at the Bully Dog download center or by ordering a CD ROM through a Bully Dog distributor.





WARRANTY & DISCLAIMER

REMEMBER, THIS IS A PERFORMANCE PRODUCT, USE AT YOUR OWN RISK.

This product is not intended to be used to break the law.

Do not use this product until you have carefully read the following agreement. This agreement 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 the terms and conditions. Never exceed recommended vehicle or tire top speed ratings.

DISCLAIMER OF LIABILITY

Bully Dog Technologies, LLC. Its distributors, jobbers, and dealers (hereafter Seller) shall be in no way responsible for the product's proper use and service. THE BUYER HERBY WAIVES ALL LIABILITY CLAIMS.

The Buyer acknowledges that he is not relying on the Sellers skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyers hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise, (including without any obligation of the Seller with respect fitness, merchantability and consequential damages) or whether or not occasioned by the Seller's negligence.

The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the Buyer agrees to indemnify the Seller and to hold the Seller harmless from any claim related to the item of the equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment.

The Seller assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt contact the manufacturer.

The Buyer is solely responsible for all warranty issues from the manufacturer.

LIMITATION OF WARRANTY

BULLY DOG TECHNOLOGIES, LLC. (Hereafter "Seller") gives Limited Warranty as to description, quality, merchantability, and fitness for any particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall be in no way responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except be a written instrument signed by Seller and Buyer.

The Warranty is Limited to one (1) year from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by BULLY DOG TECHNOLOGIES, LLC.

Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment.

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.

Bully Dog Technologies, LLC is a team built on integrity that is dedicated to leading the vehicle performance industry with an uncompromising code of ethics demonstrated in the soundness of its employees, excellent customer service and superior products.

UNLEASH THE POWER **WITH BULLY DOG PERFORMANCE PRODUCTS**

Downloaders



Intake Systems



OutLook Monitor



Exhaust Systems



See More at: bullydog.com

Doc.# BD40605 v1.0.0

For a full listing of Diagnostic Trouble Codes go to: www.bullydog.com/DTC.php



BULLY DOG

For Free Technical Support

Call: 866-bullydog (866-285-5936)