



# BULLY DOG

**#1 IN PERFORMANCE**

## INSTALLATION MANUAL



## Adjustable Power Punch

Description	Rapid Power Part #
Adjustable Power Punch	40602
7000 series: 7710, 7810	
8000 series: 8100, 8200, 8300, 8400	
8010 series: 8110, 8210, 8310, 8410	
9050 series combines: 9550, 9650, 9750	



**POWER**



**FUEL-ECONOMY**

**ECONOMY**

## INTRODUCTION:

Introduction: This instructions set is for the Power Punch power module and the Adjustable Power Punch power module. These modules are specifically made for John Deere tractors running a Bosch fuel pump.

*This instruction set only instructs how to install and operate the power module on the tractors in the application chart. This product should not be used on any other John Deere product.*

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**IMPORTANT:** Always remember to remove the module from the tractor or combine before taking it in for any kind of service as the module may interfere with the service process for the tractor or combine. It is important that the horsepower modification be accompanied by a pyrometer gauge to monitor Exhaust Gas Temperatures.



# STOP!

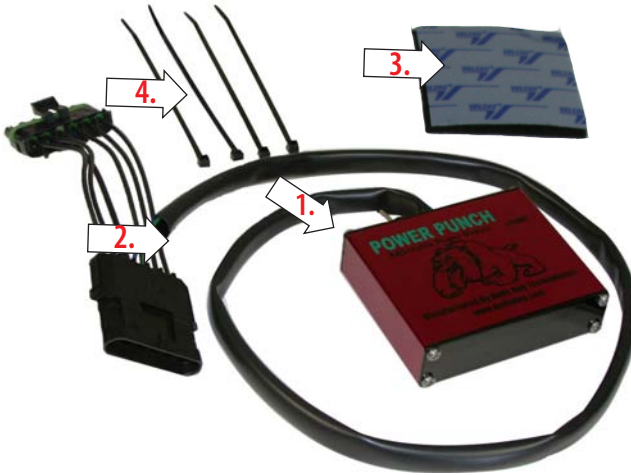
### TROUBLESHOOTING:

If you have questions during the installation of this product, please visit [www.Bullydog.com/Product\\_Updates.php](http://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 most common issues. Technical support is available by calling 866-bullydog (866-285-5936).

**BILL OF MATERIALS**

1. Power Punch Module
2. Wiring Harness
3. Velcro Pad
4. Four Zip Ties



## PRODUCT DESCRIPTION:

*The product is made up of three different parts, the module box, the wiring harness which includes the plugs, and the flip switch. Things to note on each part:*

### THE MODULE BOX:

The module box holds the guts of the product, the circuit board, it is very important that when this module gets mounted during installation that it is away from extreme heat and that it is not prone to a lot of moisture.

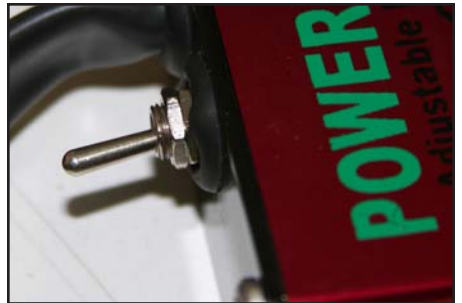


### THE WIRING HARNESS:

At the end of the wiring harness is two plugs, one male and one female. Also notice that the plugs are identical to the stock plugs coming off of the fuel pump on the tractor, these plugs are made specifically to work with the John Deere tractor with no additional modification necessary.

### *The Flip Switch (Only on Adjustable Power Punch):*

Flip the switch back and fourth, notice it is a simple toggle switch that has three positions: one 30%, one 20%, and one at 10%. The flip switch does not have any stock position so if the user wishes to operate their tractor or combine at stock hp levels they must remove the power module from the tractor.



## INSTALLATION INSTRUCTIONS:

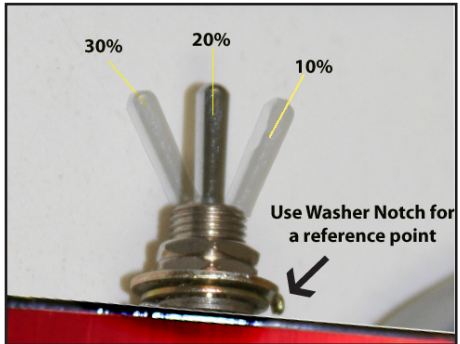
1. Locate the fuel pump plug under the hood and on top of the fuel pump, it is not necessary to remove the hood for the install. The fuel pump and plug are located on the left side of the tractor if you are facing the front of the tractor. Identify the plug by looking for a six prong plug with a green bushing, identical to the Bully Dog plugs on the Power Punch power module.
2. Disconnect the stock female plug from the stock male plug.
3. Connect the Bully Dog female plug up to the stock male plug, which is stationary on the tractor, push the connector in until it snaps. Now connect the stock female plug to the male Bully Dog Plug.



4. Mount the module box in a safe location using the velcro pad. Use the zip ties to secure the wires away from any extreme heat and moving parts.
5. Run the flip switch into a location that is easily accessible for the operator, once the module is installed the operator can change power levels.

## OPERATING INSTRUCTIONS:

1. After completing the installation of the module, set the toggle to 10% and turn the tractor or combine on to test if the module is working. If the tractor starts then the module is working. If the tractor does not turn on then check all of the connections on the install to be sure that they are secure and then attempt to start the tractor again.
2. While operating the tractor with the three new settings the operator can accomplish a few different things that will be seen as a benefit to the operator and the owner:



*\*Only on Adjustable Power Punch*

### RECOMMENDED MODULE USES

#### SAVE FUEL:

The operator of the tractor with more power can use the power to grab a higher gear and they can maintain the same speed in the higher gear or just go a little quicker. The operator will notice that it takes less throttle to accomplish the same speed as with stock horsepower levels, with the module installed.

#### MOVE QUICKER:

The operator as long as they are pulling the same implements in comparison can move at a higher rate of speed therefore allowing them to finish jobs quicker.

#### PULL HEAVIER IMPLIMENTS:

The power module increases horsepower dramatically allowing smaller tractors to pull larger implements. When pulling large implements with a small tractor it is important to have a pyrometer which monitors exhaust gas temperatures.



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Downloaders



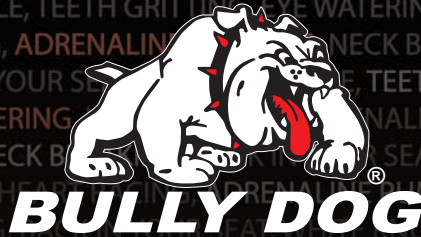
Intake Systems



Triple Dog GT



Exhaust Systems



**BULLY DOG**

Free Technical Support at:

866-bullydog (866-285-5936)

See More at: [bullydog.com](http://bullydog.com)