

# JMS

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## LaunchMAX

### INSTALLATION GUIDE

### WHAT'S IN THE BOX



- 1: LaunchMAX 26 Plug N' Play
- 2: Momentary Push Button Switch
- 3: Main Harness
- 4: 6x Wire Ties



**TOOLS NEEDED:**  
Dykes or Diagonal Cutters

### WIRING REFERENCE

**Plug N' Play LaunchMAX 26** (button is pre-wired for ground activation)

- Pin 26-2 - Red/Black 12V
- Pin 26-3 - Black - Ground
- Pin 26-4 - Green - Output 2
- Pin 26-5 - White/Yellow - Input 1 from ECU PC3 (13)
- Pin 26-6 - Yellow - Output 1
- Pin 26-10 - Yellow - Output 1
- Pin 26-11 - Brown/Green - Input 2 from ECU PC2 (14)
- Pin 26-12 - Green - Output 2
- Pin 26-15 - Red/Black 12v
- Pin 26-16 - Black/White - Activate LaunchMAX via Ground
- Pin 26-20 - PINK (Blue/White) - CUT THIS WIRE NEAR 26pin TO ENABLE MAX LINE PRESSURE
- Pin 26-21 - Blue - Output 3
- Pin 26-22 - Blue/White - Input 3 (16)
- Two Pin Power A = +12V Red/Black
- Two Pin Power B = Ground Black
- Two Pin Push Button Connector With Blue Tab (A) = Ground Black
- Two Pin Push Button Connector With Blue Tab (B) = Ground Activation Black/White

**NOTE: Underminated Black/White wire near Two Pin Push Button = MSD 2-step Ground Activation**

### STEP OVERVIEW

**Installation is simple**

- Connect the plug and play harness in-between the factory harness and transmission.
- Verify that the twist lock connectors are fully seated (clicked in place).
- Route the wiring into the vehicle.
- Connect the LaunchMAX box and push button.
- The included momentary push-button activates the LaunchMAX (normally open switch when the button is not pushed).



To avoid catastrophic transmission damage: only press the button when the vehicle is in first gear.

If using a MSD Two-Step connect the Black/White wire to the ground activation input on the Two Step (see option A).

Designed to work with ALL 6r80 Ford Transmissions (these instructions are specific to 2011- 2017 Mustang).

Out of the box, this kit is not designed to raise the line pressure in the transmission

To maximize line pressure when the LaunchMAX is activated (see Option B).

LaunchMAX 26 - The 26 refers to the 26 pin sealed connector that is used on the product.

### STEP 1

**Disconnect battery, locate connector**

- A. Ignition key off, remove key from ignition.
- B. Open the vehicle's hood. Disconnect the Battery.
- C. Locate the round Transmission Connector (at the back of the transmission, passenger side of the vehicle).
- D. Rotate the lever Counter Clockwise to unlock and release the connector.



Step 1 - D

### STEP 2

**Route cable and connect to harness**

- A. Route the 26 pin connector up the passenger side of the transmission, across and to the drivers side of the engine compartment.



Step 2 - B

- B. Connect the plug and play harness to the factory Ford wire harness. (Male pin side with JMS logo). **CRITICAL** - make sure that you have FULLY installed this connector into the factory harness.



To align the connectors. Verify that the twist lock collar is at the full COUNTER-CLOCKWISE position. Find the flat alignment pin inside of each connector. Push the two connectors together and twist the lock collar CLOCKWISE to lock. You will feel it a slight pop when the locking tab is moved into place.

### STEP 3

**Connect harness to transmission**

- A. Connect the Round Female Plug and Play connector to the transmission. **CRITICAL** - make sure that you have FULLY installed this connector into the transmission.



To align the connectors. Verify that the twist lock collar is at the full COUNTER-CLOCKWISE position. Find the flat alignment pin inside of each connector. Push the two connectors together and twist the lock collar CLOCKWISE to lock. You will feel it a slight pop when the locking tab is moved into place.

### STEP 4

**Connect and secure LaunchMAX**

- A. Plug LaunchMAX into the 26 pin connector.
- B. Use tie straps to secure LaunchMAX.

Be sure to secure the unit away from heat sources and moving parts.

LaunchMAX is waterproof so it can be installed in the engine compartment.



## STEP 5

### Connect Harness to Button

Connect the two pin from the main harness to the momentary push button switch.




Please be sure to tie strap the wiring away from any moving parts.

## STEP 6

### Mount the Push Button Switch

Mount the momentary push button switch on either the steering wheel, emergency brake or the shifter.



 You can disconnect the two position connector and remove the button when not in use. Use zip ties to secure the cable away from heat sources and moving parts.

## STEP 7

### Connect Red/Black Wires direct to the battery and Reconnect Battery


- Connect the Red wire to +12V and the Black wire to Ground (no power draw occurs).
- Tie strap everything in place, verify the components and wiring are clear of moving objects and heat.
- Reconnect the Battery.



## STEP 8

### Test - Installation is complete

- Do NOT ENABLE LaunchMAX when the vehicle is moving.
- Catastrophic transmission damage may occur if the LaunchMAX is enabled when the vehicle is moving.
  - Only ENABLE in first gear while at a stop**
- Turn the KEY ON and verify that the GREEN LaunchMAX LED is illuminated ON.
- When the momentary switch is pressed (closed) the BLUE LED on LaunchMAX will turn ON.
- Anytime the BLUE LED is ON the TRANS-BRAKE is enabled.

 Please read and understand the complete installation instructions before attempting to install product. If not installed properly, LaunchMAX will not function and may be damaged. Improper installation will void the product warranty. LaunchMAX is for Off-Road Racing Use ONLY!

The LaunchMAX module has been designed to be mounted with plastic zip ties. LaunchMAX connects in-between the factory wiring harness and transmission. It activates via the included momentary push-button switch. LaunchMAX is water-proof, it should be installed away from heat sources and moving parts.

## OPTION A

### Connect LaunchMAX to a Relay to activate MSD 2-Step via ground activation

Connect the Black and White wire to the GROUND activation wire on the MSD 2-Step.



The Black and White wire is located near the two pin connector on the wiring harness. When the momentary push button is pressed - a ground is supplied via this wire to the MSD 2-Step.

From the MSD Manual - connect the Black/White wire to the BLUE wire on the MSD 2 step

#### WIRING

8- WIRE CONNECTOR	
TAN (8)	SIGNAL CONNECTIONS
8- WIRE CONNECTOR	
RED	12V connection through this red wire
3- WIRE CONNECTOR	
BLACK	Connects to a good engine ground or the negative battery terminal
BLUE	Activation wire. When grounded, the launch feature will be active
WHITE / BLUE	Activation wire. When switched to 12V, the launch feature will be active

## OPTION B

### MAX Line Pressure

Locate the wire going into PIN 20 on the 26 pin harness.

Cut this wire an inch away from the 26 pin connector.


Wire color could be PINK or Blue/White.

On early units both wires going into pin 20 and 22 are Blue/White.

**PLEASE VERIFY that you have the correct wire using the picture to the right.**

- Early units the color of this wire going to pin 20 is Blue/White.
- Later units the color of the wire going into pin 20 will be PINK.

Cutting this wire will MAX the transmission line pressure while LaunchMAX is activated.

 MAX Line Pressure might require custom transmission tuning to function correctly.

**CAUTION: Use MAX Line Pressure at your own risk.**



## Warranty & Contact Information

### JMS warrants to the original purchaser the following:

Your JMS Product will be free from defects in materials and workmanship for a period of twelve months from the original purchase date. The warranty only covers the product itself and not the cost of removal and re-installation of the product. JMS may extend the limited warranty on a case by case basis, based on the circumstances of the warranty claim. Our products are designed exclusively for use in racing applications. JMS products that are not installed according to the supplied instructions, may not be covered by warranty.

### Specific conditions that will VOID the product warranty:

- If the product case has been opened or the product has been modified or repaired.
- If the product was not installed or used correctly.
- If the product has been tampered with by: negligence, misuse or accident.
- If the product is returned without explanation of the problem or Return Authorization.

### Contact us at 601-766-9424 for a Return Authorization Number:

All warranty returns should be returned freight pre-paid and should include inside of the box: Proof of Purchase and a Letter that contains both the Return Authorization Number and a Clear Explanation of the EXACT problem. The Return Authorization Number should also be clearly written on the outside of the box.

### Send all returns to:

#### JMS Returns

240 Springview Commerce Drive, Bld 1, Ste J  
DeBary, FL 32713

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#### Technical Support & Contact Information:

240 Springview Commerce Drive, Bld 1, Ste J  
DeBary, FL 32713  
601-766-9424

### Technical Support Hours:

Monday - Friday 9:00am - 5:00pm (Central Standard Time)

Installation videos are available online: [www.youtube.com/jmschip](http://www.youtube.com/jmschip)

If you have any questions, please contact JMS technical support via email: [jms@jmschip.com](mailto:jms@jmschip.com)

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