

Thank you for your purchase.

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.



The concept behind LaunchMAX:

LaunchMAX is designed for the Ford 6R80, it is waterproof and vibration resistant. When activated (button pressed blue and green LED's on), it is designed to hold the vehicle in place until deactivated (button released - green LED on). The maximum rpm is dependent upon your torque converter stall rpm. A vehicle with a stock converter will typically hold 2K rpm max.

- 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 black LaunchMAX box and push button.
- The included momentary push-button activates LaunchMAX (normally open switch when the button is not pushed).

Notes:

- 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 (page 4).
- 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 page 5 (Option B).
- LaunchMAX 26 - The 26 refers to the 26 pin sealed connector that is used on the product.
- Please visit forum.jmschip.com for additional information.

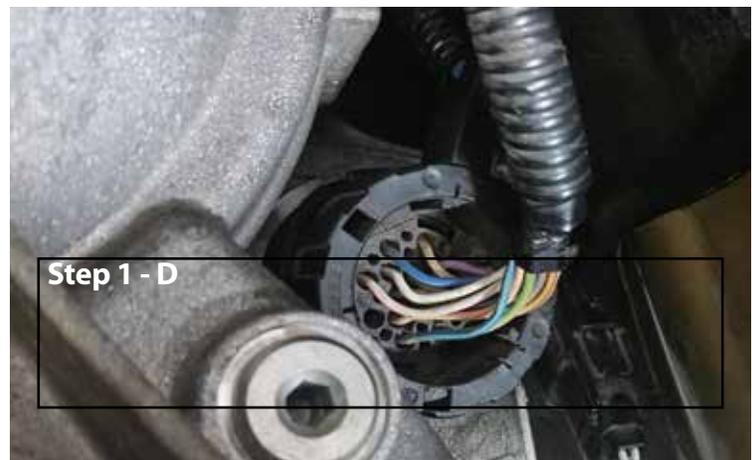
STEP 1 - DISCONNECT BATTERY, LOCATE CONNECTOR

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 2 - ROUTE CABLE AND CONNECT TO HARNESS

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

F • 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.

Note: 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

G • Connect the Round Female Plug and Play connector to the transmission

****Critical** - make sure that you have FULLY installed this connector into the transmission.

Note: 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.

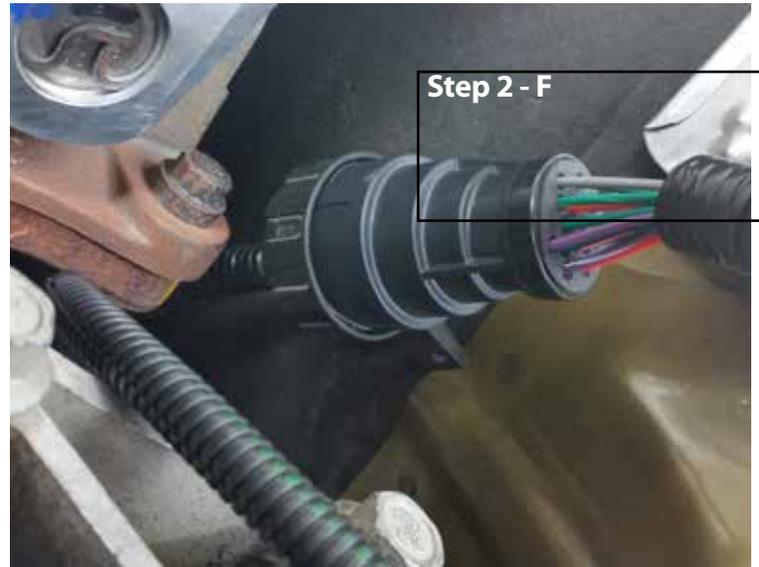
STEP 4 - CONNECT / SECURE LAUNCHMAX

H • Plug LaunchMAX into the 26 pin connector.

I • Use tie straps to secure LaunchMAX.

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

LaunchMAX is water-proof so it can be installed in the engine compartment.



STEP 5 - CONNECT HARNESS TO BUTTON

J • 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

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

Notes:

- 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 6 - J



Step 7 - K
Mount switch
on the steering wheel



Step 7 - K
Or mount switch
on the emergency brake



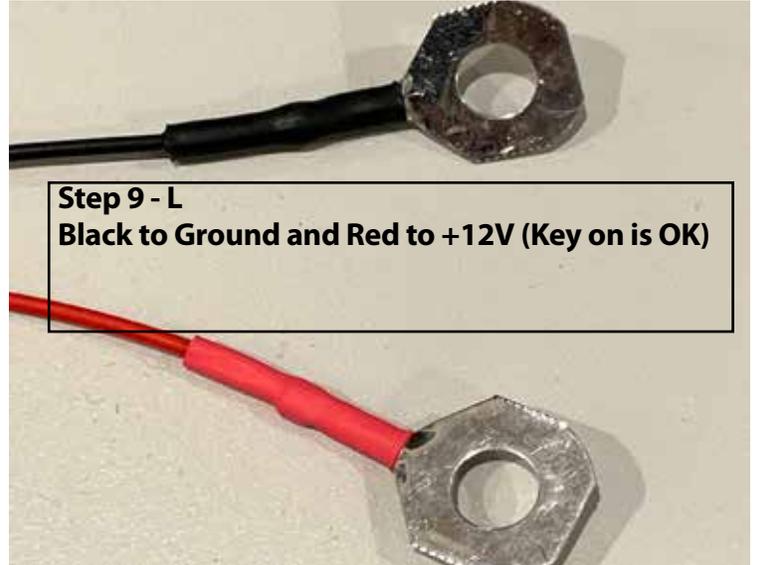
Step 7 - K
Or mount switch
on shifter



STEP 9 - CONNECT RED/BLACK WIRES DIRECT TO THE BATTERY AND RECONNECT BATTERY

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

Step 9 - L
Verify the power/ground connector is connected



Step 9 - L
Black to Ground and Red to +12V (Key on is OK)

STEP 10 - TEST LAUNCHMAX - INSTALLATION IS COMPLETE.....ENJOY

- 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 LaunchMAX 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.

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.

2		INSTALLATION INSTR
WIRING		
8-WIRE CONNECTOR		
Tan (8)	Signal Connections.	
8-WIRE CONNECTOR		
Red	12 volt Connection through this single Red wire.	
3-WIRE CONNECTOR		
Black	Connects to a good engine round or the negative battery terminal.	
Blue	Activation Wire. When grounded, the launch feature will be active.	
White/Blue	Activation Wire. When switched to 12 volts, the launch feature will be activ	

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.

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

Caution: Use MAX Line Pressure at your own risk.



WIRING REFERENCE - PLUG AND 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: Unterminated Black/White wire near Two Pin Push Button = MSD 2-step Ground Activation

POLICIES

HOW TO ORDER

Retail orders for JMS products can be placed through our website at: www.jmschip.com or by calling us factory direct at (601) 766-9424. JMS products can also be purchased through our network of warehouse distributors, dealers, jobbers, and installers. To locate a wholesaler or installer in your area, please contact us or use the dealer locator on our website.

TERMS OF SALE

JMS product orders are subject to our wholesale trade terms and conditions, which are located in the applicable price guide.

SHIPPING AND HANDLING

JMS products are shipped F.O.B. from DeBary, Florida via UPS or common freight carrier. All shipments are subject to applicable shipping terms and charges. JMS does maintain a freight policy for warehouse distribution based on a minimum order qualification. Overseas order shipping via a common freight forwarding company or broker are the responsibility of the customer.

PRICING

JMS maintains a *minimum advertised pricing policy* to protect product value, and maintain consistent and fair distribution or retail pricing points. JMS places high value on its brand and product integrity.

NON-JMS BRAND PARTS

Aftermarket parts purchased from JMS are covered under the manufacturer's warranty, and are not covered under the JMS manufactured products warranty.

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JMS products are designed for Off-Road or Racing use only. JMS terms and conditions including: Pricing, specifications, warranty, and availability are subject to change without notice. Compliance with all federal, government, provincial, state or local laws are the responsibility of the customer or end-user. All claims of product performance are based on controlled testing conditions and real-time data, and results may vary based on your application or use. JMS shall not be liable for any fines or violations resulting from product use or installation.

SERVICE OR REPAIR:

Please contact JMS @ 601-766-9424 for a Return Authorization. All service returns should be sent freight pre-paid to: JMS SERVICE 240 Springview Commerce Drive BLD 1-J DeBary, FL 32713. The Return Authorization Number should be clearly written on the outside of the box, and in a letter that is included in the box. The letter should also list your contact phone number and a clear explanation of the exact problem.

JMS 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. JMS 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 JMS @ 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-J DeBary, FL 32713

JMS is not liable for any and all consequential damages arising from the breach of any implied or written warranty in regards to the sale of this product, in excess of the purchase price.

TECHNICAL SUPPORT & CONTACT INFORMATION:

JMS 240 Springview Commerce Drive BLD 1-J DeBary, FL 32713 601-766-9424

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

CONFIGURATION AND INSTALLATION VIDEOS ARE AVAILABLE ONLINE: WWW.YOUTUBE.COM/JMSCHIP

If you have any questions, please contact JMS technical support via email: tech@jmschip.com

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