

Thank you for your purchase of the MD-107-TACH Bundle! This system can be used with your Jbox to read RPM from primary and secondary sources using our 107 Capacitive Sensor and optional 107 Coil Wire Sensor. Unpack your new MD-107-TACH Bundle to make sure all items are present. Everything ships in a sturdy case which you can use for many years to protect your investment. You will have one (1) MD-107 Transmitter, one (1) 107 Capacitive sensor, one (1) Capacitive sensor cable, one (1) Jbox adaption cable and one (1) Coil Wire CT probe with protective heat sleeve (if this option is purchased). Most Jboxes shipped from Mustang with a Coil Wire CT Sensor when originally purchased. This is the same product.



1. MD-107-TACH Transmitter

The 107 transmitter has an indicator light for power and one for signal. The BNC end connects to the 107 capacitive and/or 107 coil wire sensor and the opposite end with NMEA connects to the Jbox via the Jbox adapt cable.



2. 107 Capacitive Sensor

Ships loose. Connects to the Capacitive sensor cable. Sensor head for clamping onto a plug wire. Be sure to choose a plug wire that is not near others and avoid the sensor touching other wires.



3. Capacitive Sensor Cable

This cable connects the 107 transmitter to the 107 Capacitive Sensor.



4. Jbox Adapt Cable

This cable connects to the M12 Tach Input on the front of the Jbox.

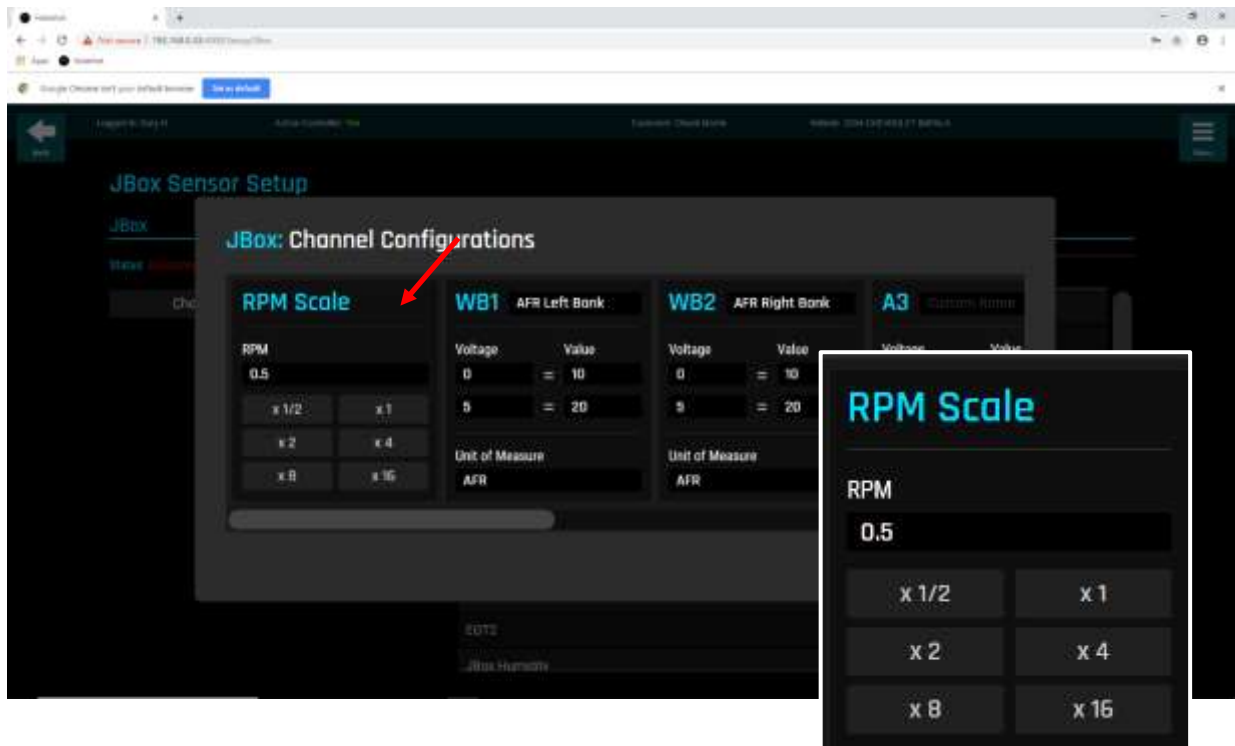


5. 107 Coil Wire CT RPM Sensor

*This sensor is for primary ignition wires only. It is optional. It clamps onto the a positive +12 volt coil wire. It may work on other primary ignition wires and injector wires. **It cannot ever be used on a plug wire.** It is directional. If you do not get a reading flip the sensor around and/or try another wire.*



You are now ready to use your MD-107-TACH with your Jbox!!! You will not likely need to make any additional changes to any settings except when the RPM from your MD-107-TACH does not match your vehicle RPM as shown on your tach. You can adjust the RPM Scale to remedy this under the Jbox Mappings in your Hole Shot Software. Just click the icon on the top of your home page the click mappings. Adjust the scale accordingly.





1. Do not use the coil wire sensor on spark plug wires. It will damage the sensor. You can use the coil wire on 12v low voltage primary ignition wires. Only clamp on the positive wire. It is directional. If you do not get a reading flip the sensor around.



2. Use the heat sleeve provided with the coil wire sensor. You can leave it off until you find a suitable pick-up point for RPM but please slide the sensor into the protective sleeve before doing pulls. If there are spots where heat is not an issue you can leave the sleeve off. Just keep in mind that the plastic that makes up the sensor will warp if subjected to high temperatures. The sleeve will provide ample protection in these cases.
3. When using the capacitive sensor, clamp onto a spark plug wire that is away from other plug wires and/or other sources of electrical noise. A good spot is any "separated" plug wire - clip onto it about half-way between the distributor and the spark plug and do not allow any portion of the sensor assembly to make contact with another wire. Close the capacitive sensor clamp on smaller gauge plug wires. Check your RPM reading on the screen. If RPM is reading but does not match your tach, simply adjust this setting in Dyno Parameters under "RPM Adjuster".



4. Do not use any third-party sensors with the MD-107-TACH other than those supported by Mustang Dynamometer. Before using any device not provided by Mustang please contact us at (330) 963-5400. Doing so may damage the MD-107 transmitter and void your warranty.
5. Background electrical noise – the MD-107-TACH is *very sensitive*. It will likely pick up back-ground electrical noise when not connected to a vehicle. Readings of thousands of RPM can occur from nearby electrical equipment like motors, blowers, welders, etc. This is normal. It will go away once the sensor is connected to a vehicle source.

If you have questions, please email us at sales@mustangdyne.com or call us at (330) 963-5400. Parts can be ordered on-line at www.mustangdyne.com. Click on products/accessories. Add required items to your basket and check out. We accept Visa and Mastercard. Most product ships in 1-2 business days.



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