

## RPM Sensor Options

Mustang offers several styles of RPM pickups for use with the JBOX. The JBOX offers a 4-pin M12 connection which is set up for a 12-volt analog square wave input for the tachometer input and standard analog/power/ground for the AFR inputs. Some RPM sensors that are offered require our JB Tach Adaptor. The JB Tach Adaptor conditions the signal coming from certain style pick ups and must be used to avoid damage to your JBOX. Other sensors do not require any conditioning and thus plug right into the port. Only use Mustang supplied RPM pickups and AFR sensors to avoid damage to the JBOX.



MD-JB Tach Adaptor

A list of pickups follows.

### Pick-ups that are only compatible when used with the JB Tach Adaptor

**MD-CT-RPM Probe:** works on injector wires and primary coil wires. **Do not use on spark plug wires as this will damage the probe.** Do not leave probes connected for extended periods of time with the engine idling as this can overheat the probe. Provides very stable and accurate RPM readings on all late model vehicles. We offer various styles of clamp. Includes BNC connector.



CT Probe: Only compatible when used with the JB Tach Adaptor unit.

**MD-IP-RPM Inductive Probe:** Classic old school rpm probe. Clamps right onto a spark plug wire. The sturdy metal body doesn't readily melt under hood. Includes BNC connector.



Inductive Probe - Only compatible when used with the JB Tach Adaptor unit.

### Pick-ups that do not require a JB Tach Adaptor

**MSD GMR Pick-up:** An inexpensive, commercially available sensor that works on coil wires. It has a fixed 3.5mS pulse and it is plug-n-play with our JBOX without the JB Tach Adapter. Clean signal digest. Must be fitted with the female M12 connector from Mustang.



**MD-L-RPM Laser Optical Sensor:** Laser based optical sensor that requires a reflective piece of tape. Mount tape to a pulley or the crank. The provided sensor housing is attached to a sturdy flexible clamp assembly that can also be fitted with a magnet to hold the sensor in place. Picks up RPM in very noisy environments and does so with precision accuracy. Works at up to 20-ft distances. Use for RPM or wheel slip. Plugs right into the tachometer input without an adaptor. Must be fitted with the female M12 connector from Mustang.

