

## Installation Instructions

### #99904 Universal CD Coil, Extruded Housing

The FiTech Universal CD Coil is designed for use with both stock ignition modules and high output ignition modules. Utilizing a high output CD ignition system will supply maximum output available from the FiTech Universal CD ignition coil.

**WARNING:** During installation, always disconnect the battery cables. When disconnecting the battery, always remove the negative cable first and install it last.

**Note:** This coil is not supplied with a ballast resistor. If your application uses a points distributor, a low ohm ballast resistor (~0.9 ohm) must be used and installed on the positive wire. Late model electronic ignitions or FiTech Ignitions do not require the ballast resistor.

#### Installation

1. Find a suitable mounting location for the coil. It can be mounted in any position as long as it is away from direct engine heat sources.
2. Use the coil as a template and mark the mounting holes using a punch.
3. Using a 3/16" drill bit, drill the three holes to mount the coil.
4. Install the vibration mounts and mount the coil.
5. Install the wire terminals/connectors to the coil terminals as listed.

#### FiTech CD Ignition Box Connection

Connect as follows:

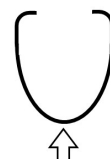
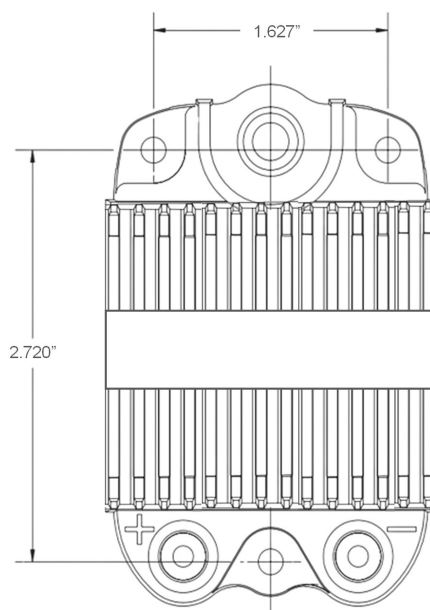
- Brown wire connects to the coil positive terminal.
- Black wire connects to the coil negative terminal.

**Note:** These are the only two wires that should be connected to the coil terminals.

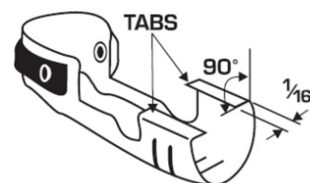
#### Main Coil Wire Termination:

If you need to change your coil wire to match the terminal of the FiTech Universal CD Coil, you will need to carefully strip your wire and follow the steps to properly crimp the terminal.

1. Slip the boot onto the wire a few inches.
2. Carefully strip about 3/8" of your coil wire's sleeve. Use extreme care not to touch/nick the conductor.
3. For best crimp results, it is recommended to pre-bend the tips of the terminal slightly as shown.
4. Slip the terminal over the wire lead. With the conductor on the bottom, captured in between the insulation and the back of the terminal. Position the terminal so that a minimum of 1/16" (maximum of about 1/8") of the insulation is protruding beyond the edge of the tabs on the terminal.



Modified Terminal



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5. At this point, the terminal will be loose on the cable. Use a pair of pliers to squeeze the coil terminal tabs together enough to keep the coil terminal from falling off the cable.
6. Crimp the terminal using an appropriate crimping tool for best results. Crimp the terminal onto the cable by squeezing the crimping tool.  
***TIP:** Although not recommended, you can use large wire crimper or other available crimpers to crimp the terminal/wire. Ensure the bent tabs of the terminal dig slightly into the insulation of the wire without damaging it.*
7. Once the terminal is crimped Apply a small amount of silicon lubricant to the cable to make the boot slide more easily.
8. Carefully slide the boot back down the cable and maneuver it over the terminal into position. Pull the boot over the terminal and make sure that the terminal is properly seated and aligned in the boot. It may be necessary to lubricate the wire for this step using the included dielectric grease.



#### 3-Year Limited Warranty

3-Year Limited Warranty on FiTech EFI Systems FiTech extends the following limited warranty to the original purchaser of a FiTech EFI system purchased after November 1, 2022. FiTech warrants its products against defects in materials and workmanship, under normal use and service for 3 years from the date of original purchase. However, that does not extend to issues that arise because of normal wear and tear. This means that typical degradation from regular use, which can occur over time, is not covered under our warranty terms. This applies only to the original purchaser and the parts must remain installed on the original vehicle for which they were purchased. This warranty is void if the product was improperly installed, was installed on a vehicle for which it was not designed, if it was modified in any manner, or was removed from the original vehicle and reinstalled on another vehicle. Coolant temperature sensors, oxygen sensors, distributor caps, and distributor rotors are not covered under this warranty. This warranty shall not apply to any product installed improperly, or contrary to FiTech's instructions, altered, misused, repaired or damaged from an accident, collision, or willful or negligent act. To make a claim under the terms of this Warranty, the original purchaser must contact FiTech tech support. If FiTech tech support deems the product in need of warranty service, proof of original purchase will be required. Purchaser must call FiTech Technical Support (951-340-2624) option 2 or email: [Techmail@fitechefi.com](mailto:Techmail@fitechefi.com), to obtain a Returned Material Authorization (RMA). Proof of purchase must clearly show the place of purchase, purchase price, product purchased, and date of purchase. Purchaser needs to register their product here: <https://fitechefi.com/warranty-registration> or using the mail-in registration form found in the product box. FiTech's 3-Year Limited Warranty does not cover factory refurbished parts, this warranty is only valid for new purchases from an authorized dealer. FiTech's liability is expressly limited to replacing or repairing the defective part or parts (refunds are not covered under FiTech's 3- year Limited Warranty). FiTech will have no liability for the cost of installation or removal of the defective product or for the cost of labor or any additional parts required to complete the installation of the replacement product. FiTech is not responsible for any shipping charges accrued during the warranty process/claim. In no event will FiTech be liable for any indirect, special, incidental, or consequential losses or damages (including but not limited to interruption of business or loss of business or profit) resulting from the use or inability to use the product, any breach of warranty, or any defect in the product, even if FiTech shall have been advised of the possibility of such potential damages or losses. Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state. If the product is in the FiTech facility for repair, the amount of time the product is in repair will be added to the existing warranty period. In the event that your EFI System that is under warranty is in for repair and FiTech has authorized a replacement, and if that EFI System has been discontinued, FiTech will replace it with a similar product for the same application. The replacement EFI System will maintain the existing warranty period of the original EFI System.

**California Proposition 65 Warning:** This product may contain one or more substances or chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.