

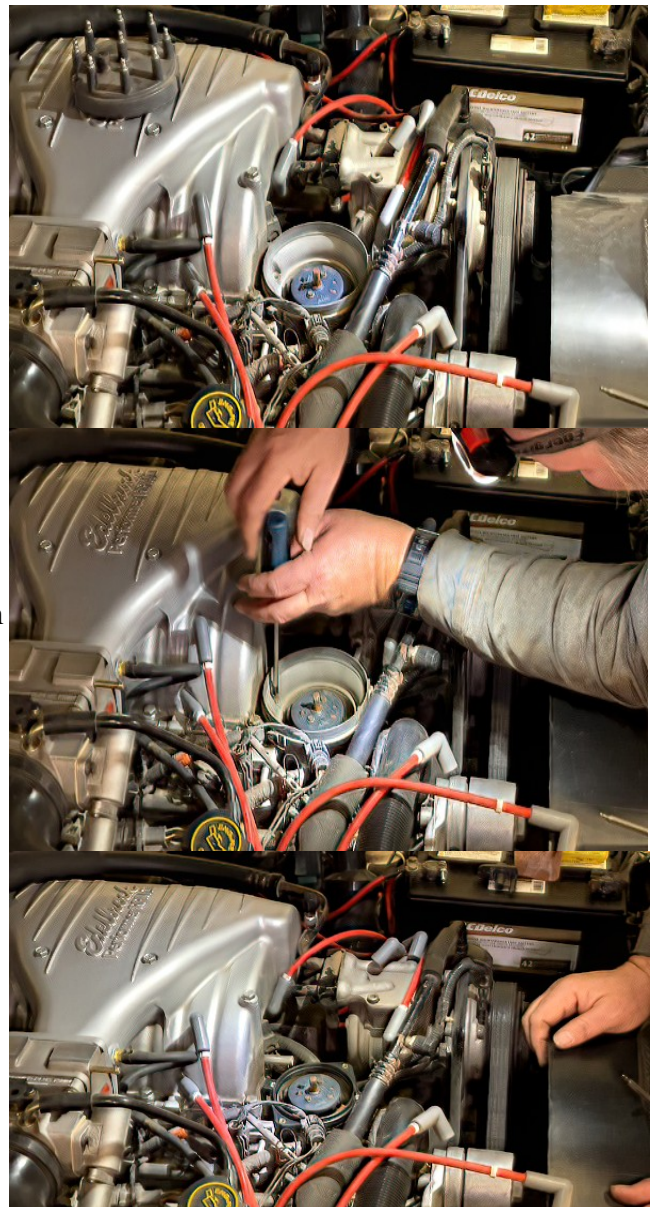
Small Cap TFI Distributor Adapter Installation

Congratulations on your purchase of a Tecmotion Small Cap TFI Distributor Adapter. This part allows you to install a small diameter distributor cap on your Ford TFI distributor in order to gain additional clearance around the distributor for custom parts such as fuel rails or aftermarket manifolds. This kit includes the Tecmotion Small Cap Adapter, Rotor Spacer, and M5-8 cap screws to attach the adapter to your distributor. **You will need an MSD Part 8431 distributor cap and Standard Motor Products FD308T Rotor to complete the installation.**

Check out our installation video on the Tecmotion Youtube channel which you can find under the installation instructions portion of www.tecmotion.ca/store.

Installation

1. Remove the plug wires, cap and rotor from the TFI distributor.
2. Remove the factory distributor cap adapter from the TFI distributor using a Phillips screwdriver. The screws are normally captured in the housing, but be careful not to drop them in the event that they are free when loosened.
3. Install the Tecmotion Small Cap Adapter to the TFI Distributor housing. Note that there are both square and rounded tabs that it bolts to, so it only fits one way. Use the M5-8 cap screws supplied with the kit to bolt it to the TFI distributor. Do not overtighten these screws – a few inch pounds of torque is all that is necessary to snug them down.



4. Install the Rotor Spacer included with your kit on the distributor shaft. You **MUST** use this spacer to place the rotor in the plane of the contacts on the cap. If you don't, the car will either not run or have significant misfires.
5. Install the Standard Motor Products FD308T Rotor onto the distributor shaft, lining up the tab with the slot in the top of the distributor assembly the same way the factory TFI rotor was lined up. Note that it will sit higher than the factory rotor because of the rotor spacer.
6. Bolt the MSD 8431 Distributor Cap to the Tecmotion Small Cap Adapter using the M5 hardware supplied with the distributor cap. Do not overtighten these screws – a few inch pounds of torque is all that is needed to snug them down. When bolting it down, tighten each screw a little bit at a time and press down in the center of the cap to ensure that your installation is centered and flush to the adapter. After tightening the screws, check that it is seated correctly.
7. Reinstall the spark plug wires, paying particular attention to the location of the #1 wire. Double check that everything is lined up, then start the engine and check that everything works normally. Although you do not need to move the distributor for this installation, it is advisable to check the timing with a light following this installation.

