

Optispark Installation Instructions

Thank you for your purchase. The following instructions will help you to install your Optispark distributor and ensure trouble-free operation and longevity. These procedures must be followed to maintain warranty coverage.

Prior to Installation

NOTICE!

Your Petris Enterprises Optispark distributor is ready to install. Do not make any modifications to the distributor, wiring harness, or ventilation hoses without contacting us first.

Installation Notes

- This Optispark distributor assembly uses a vacuum cooling system. DO NOT pressurize the vacuum hoses under any circumstances. Seals and check valves that are damaged as a result of pressurization will void your warranty.
- The distributor shaft flat spline must be aligned with the notch in the cam gear correctly or distributor damage will occur.
- The distributor must sit flat against the timing cover, otherwise the distributor timing will be incorrect.
- Keep the distributor clean during the installation process. Harsh solvents and other fluids can damage the cap.

Installation Procedure

Our aim is to familiarize you with the steps necessary to install our particular product. It is assumed that you have the knowledge and skills to perform this installation or that you are having a qualified technician install the unit. We highly recommend that you have a GM Factory Service Manual available. Photos of the entire job are available on our website.

- It is highly recommended that you inspect your vehicle and address any leaks or engine-related maintenance items prior to installing the Optispark.
- Route the vacuum hoses behind the plug wires.
- Use an ice pick, awl, or drill to punch a small hole in the air cleaner duct. Push the 90° degree tee into the hole.
- Remove the O.E. power brake booster hose fitting from the manifold. Install the supplied ¼" street tee fitting. Install the O.E. power brake booster fitting. Then install the supplied ¼" pipe to hose fitting. Connect the distributor vacuum supply hose to this fitting. Remove 1" from the 3/8" power brake booster hose before installing. This will allow the cover to be reinstalled.
- The wire loom that is included to with our kit to protect the ventilation vacuum hoses is not installed upon arrival. On Corvette applications, the wire loom is easiest to install after the distributor and water pump have been installed. On other applications it can be installed on the ventilation lines beforehand.
- The filter with our vacuum ventilation kit can be removed and cleaned. Use a wrench to disassemble it and clean the screen. We recommend removing and cleaning it at least every two years.

In no event shall Petris Enterprises be responsible for the misuse, improper installation, loss caused by delay, labor claims, any consequential damages, personal injury, or damages to property. This statement constitutes the exclusive expression of warranties, whether expressed or implied.