



ThunderCore™ PRO

Walker Products ThunderCore™ PRO 2022

The ThunderCore™ PRO product line consists of OE style replacement ignition wires, each specifically engineered to specific vehicle and manufacturer requirements.



What is in the ThunderCore™ PRO Box?

The ThunderCore™ PRO product line consists of 100% OE style replacement ignition wires, each specifically engineered to vehicle and manufacturer requirements. To ensure unsurpassed quality, Walker Products operates its own ISO 9001 certified manufacturing facility in the U.S.A. for all ignition wires.

All wire sets are made with superior quality materials - from the cable

cores to the high temperature and chemical resistant outer jacketing, and the stainless-steel terminals; all aspects of this program conform to original manufacturers specifications.

How do you know your ignition wires are failing?

Common signs of failing ignition wires include a decrease in power, decrease in acceleration, and a decrease in fuel efficiency.

Your check engine light will come on if your engine's computer detects an issue that could increase vehicle emissions, such as a misfire caused by a bad ignition wire.

If your engine is running poorly or experiencing rough idle, an arcing or high resistance plug wire will prevent the spark plug from firing properly. This will result in incomplete combustion and cause for the engine to misfire. As a result, the car may hesitate, shudder or stall. Failing ignition wires can increase the emissions from your vehicle; this can cause it to fail emissions inspections. Incomplete combustion usually creates poor fuel economy – and no one needs extra trips to the gas station!

A tester can be used to check the performance of the ignition wires, or you can generally see electrical currents arcing out of the wires themselves while the engine is running.



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What happens when ignition wires fail?

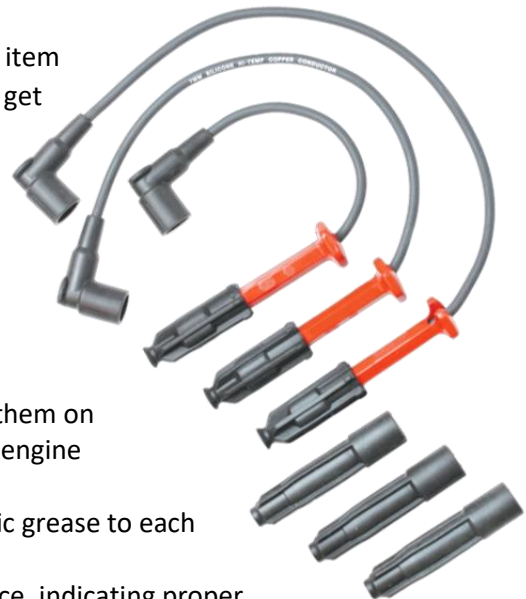
You can expect overall engine performance issues with failing ignition wires, but you can specifically expect one or more of these symptoms:

- Engine surging/misfire
- Engine hesitation
- Rough idling
- Burnt wire insulation & boots
- Loosen the electrical connection
- Abrasions

Ignition Wire installation tips:

Ignition Wires have been a common maintenance and tune up item for decades, but here are some helpful installation tips to help get the job done right the first time:

- Twist and pull the wire terminals when removing; pulling straight back increases the chance of breaking the wire.
- Change each wire one at a time, starting with the longest – this will prevent getting similar sized leads mixed up.
- Ensure proper orientation when reinstalling – putting them on backwards could lead to premature failure and severe engine hesitation.
- It is recommended to apply a small amount of dielectric grease to each terminal to prevent moisture and corrosion.
- Be sure to hear/feel the wire terminals “snap” into place, indicating proper fitment.
- Ensure none of the wires are obstructing any other engine components, such as accessory belts, exhaust, steering, etc.



What happens when installed incorrectly?

This may seem like a straightforward process, but incorrect ignition wire installation has gotten the best of most of us at one point or another. After installation, if you notice any of the following symptoms, go back and double check each wire is routed correctly and seated properly.

- Failure to start
- Low power
- Misfires
- Poor acceleration
- Rough idling
- Backfire (exhaust or intake)



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Why choose Walker Products Ignition Wires?

Trusted Experience – Walker Products has a dedicated ignition wire team with over seventy-five years of experience in the manufacturing and assembly of standard and custom wire sets. Walker Products offer a full range of ignition wire products. With the flagship line being ThunderCore™ PRO for traditional automotive applications, Walker Products also manufactures ignition wires for Othermotive™, High Performance, Off-Road, Industrial, Agricultural, Motorcycle, Marine, Small Engine, and other specialized applications. Walker Products' goal is to ensure that customers receive the highest quality products, manufactured to fit their needs.

See their website to learn more about Walker Products Ignition Wires:

<https://www.walkerproducts.com/products/thundercore-pro-wire-sets/>