

Design Engineering Inc.

604 Moore Road
Cleveland, OH 44012



THERMAL TUNING PRODUCTS

Frequently Asked Questions

DEI Protect-A-Boot / Protect-A-Wire™

Why are my plug wires cracking and failing when properly installed?

The engine compartment is an inevitable heating cavity regardless the size of the engine. They are several DEI products specifically designed to isolate heat and protect certain components such as spark plugs and wires. We recommend using Protect-A-Boots to cover the plug to decrease its chance of damage while increasing its thermal resistance. It is recommended if the problem of plug wires continue to crack and fail when properly installed, to use DEI's exhaust wrap to further protect the spark plug boot from extreme heat.

How much heat can Protect-A-Boots withstand?

Protect-A-Boot is capable of withstanding 500° degrees of direct and continuous heat and up to 1200° degrees of radiant heat.

Will the Protect-A-Boot fit a 90° degree angled plug?

The boot is a universal design that can fit both a straight and most angled plug boots.

Can the boot cover lay right on the header?

Protect-A-Boots are designed to be used near the headers but not to rest on them as the extreme heat could ruin both the cover and the plug inside. If your wires are resting right near a header we suggest using one of our short rolls of exhaust wrap or DEI Speed Sleeve to cover that area and allowing the Protect-A-Boot to rest on the wrap itself.

How can I keep the Protect-A-Wire from moving around?

It is highly recommended that you use DEI's Hi-Temp Shrink Tubes. You will slide the shrink tube over