

CUSTOM KELVIN CLIP TEST LEAD

A Kelvin clip test lead is used to accurately measure low resistance values, such as those in wiring, connectors, and grounding points. It employs a **four-wire (Kelvin) connection** to eliminate the effects of lead and contact resistance, ensuring **precise voltage drop** and **continuity measurements** essential for diagnosing electrical issues in vehicles.

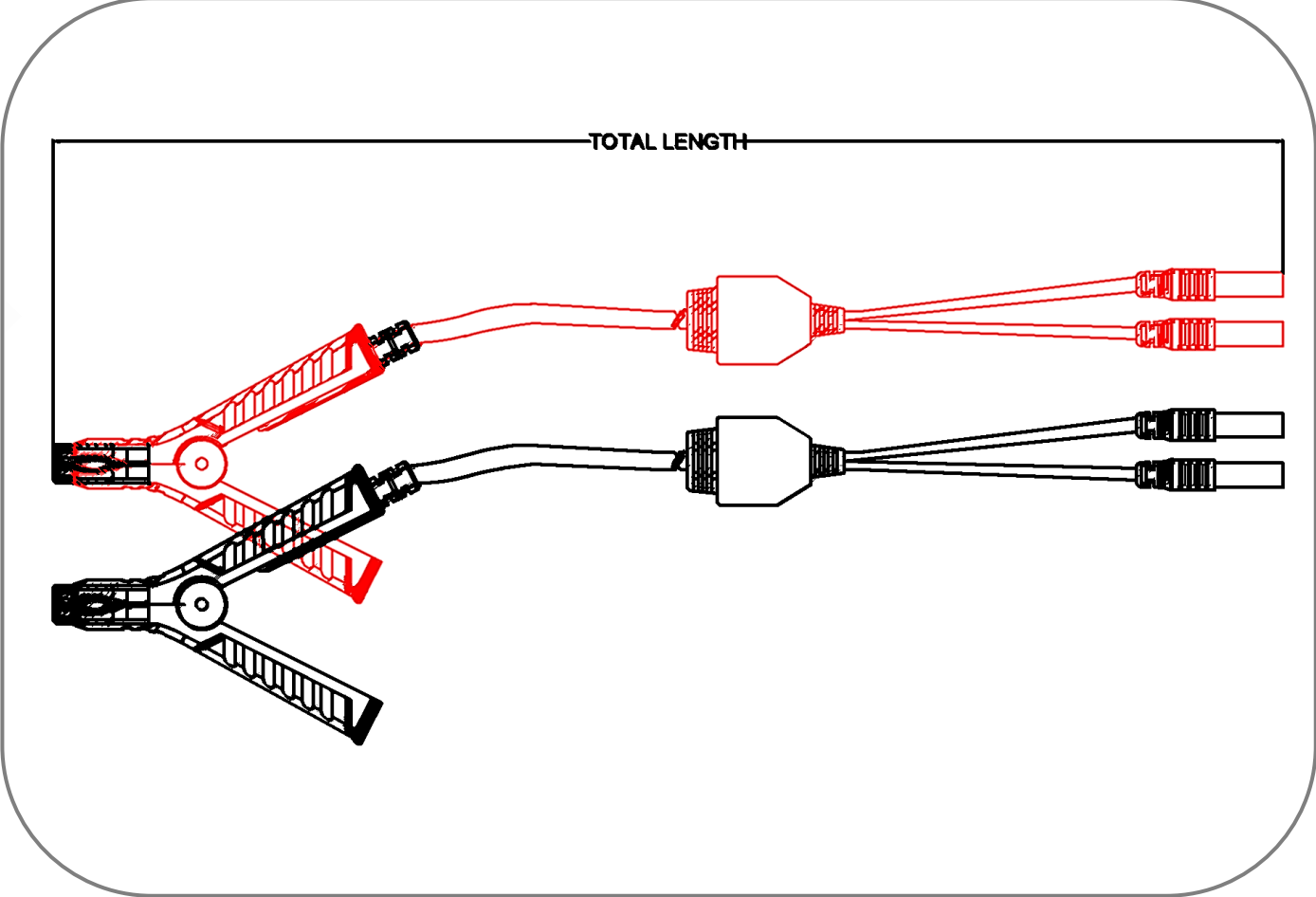
The Problem & Why It Matters:

Accurate detection of low resistance is critical in modern automotive diagnostics. Standard test leads – and even many basic Kelvin clip leads products – often introduce measurement errors due to contact and lead resistance. This can lead to misdiagnosis, wasted time, and unnecessary part replacements.

Our Solution: Custom Kelvin Clip Test Lead

By combining expertise through **joint design**, we can create a Kelvin clip test lead that outperforms standard options on the market. Precision-engineered jaws ensure consistent, secure contact. Heavy-duty shielding reduces electrical noise, and true four-wire separation extends right to the contact point—eliminating measurement errors caused by lead resistance. The result is a **more accurate, durable, and reliable tool**, built specifically to meet the demands of real-world automotive diagnostics.

- ✔ Joint design & prototyping
- ✔ Consistent, repeatable performance
- ✔ Production-ready solutions



Basic Specifications

Product Specifications Prior to Change	
Voltage / Current Rating :	425 Vdc max or 3A max
Operating Temperature :	0 to 55°C (32 to 131°F)
Category :	CAT IV 150V 3A, CAT III 600V

How It Works?

- ❑ Submit Your Specs – Send us your specific requirements
- ❑ Collaborate & Prototype – We co-develop the optimal design
- ❑ Approve & Order – Receive production-ready