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Lisle 20610

Lisle 20610 Inline Spark Tester User Manual

Model: 20610

INTRODUCTION

The Lisle 20610 Inline Spark Tester is a diagnostic tool designed to visually check the ignition system of an engine. It helps in quickly identifying problems by showing the presence or absence of spark. This manual provides essential information for the safe and effective use of your spark tester.



Image 1: The Lisle 20610 Inline Spark Tester, featuring a clear housing and double-ended boots for connection.

SAFETY INFORMATION

Always observe the following safety precautions when using the Lisle 20610 Inline Spark Tester to prevent injury or damage to the vehicle.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, to protect against potential hazards from sparks or moving engine parts.
- **Engine Off:** Ensure the engine is completely off and cooled down before connecting or disconnecting the spark tester.
- **Avoid Contact:** Do not touch any live ignition components, including the spark tester, spark plug, or spark plug wires, while the engine is running or cranking. High voltage is present and can cause severe electrical shock.
- **Moving Parts:** Be aware of and avoid contact with moving engine parts (e.g., fan blades, belts) when the engine is running.
- **Ventilation:** Use the tool in a well-ventilated area to avoid inhaling exhaust fumes.
- **Proper Connection:** Ensure all connections are secure to prevent accidental disconnections during operation.

PRODUCT OVERVIEW

The Lisle 20610 Inline Spark Tester is designed for ease of use and durability. It features:

- **Double-Ended Design:** Equipped with both a straight boot and a 90-degree boot to accommodate various spark plug and wire configurations.
- **Clear Housing:** A transparent body allows for direct visual observation of the ignition spark.
- **Simple Operation:** Connects inline between the spark plug and the spark plug wire.

SETUP

Before using the spark tester, ensure the vehicle's engine is turned off and cool. Locate the spark plug and its corresponding spark plug wire for the cylinder you wish to test.

1. Identify the spark plug and its wire on the engine.
2. Carefully disconnect the spark plug wire from the spark plug. Grasp the boot, not the wire, to avoid damage.

OPERATING INSTRUCTIONS

Follow these steps to test for spark using the Lisle 20610 Inline Spark Tester:

1. **Connect to Spark Plug:** Attach one end of the Lisle 20610 Inline Spark Tester (choose the appropriate boot, straight or 90-degree) directly onto the spark plug terminal. Ensure a snug fit.
2. **Connect to Spark Plug Wire:** Connect the disconnected spark plug wire to the other end of the spark tester. Again, ensure a secure connection.
3. **Start Engine:** Have an assistant crank the engine or start it if safe to do so.
4. **Observe Spark:** Look into the clear housing of the spark tester. A flashing light inside the tester indicates the presence of an ignition spark. The color of the spark may vary (often orange/red).

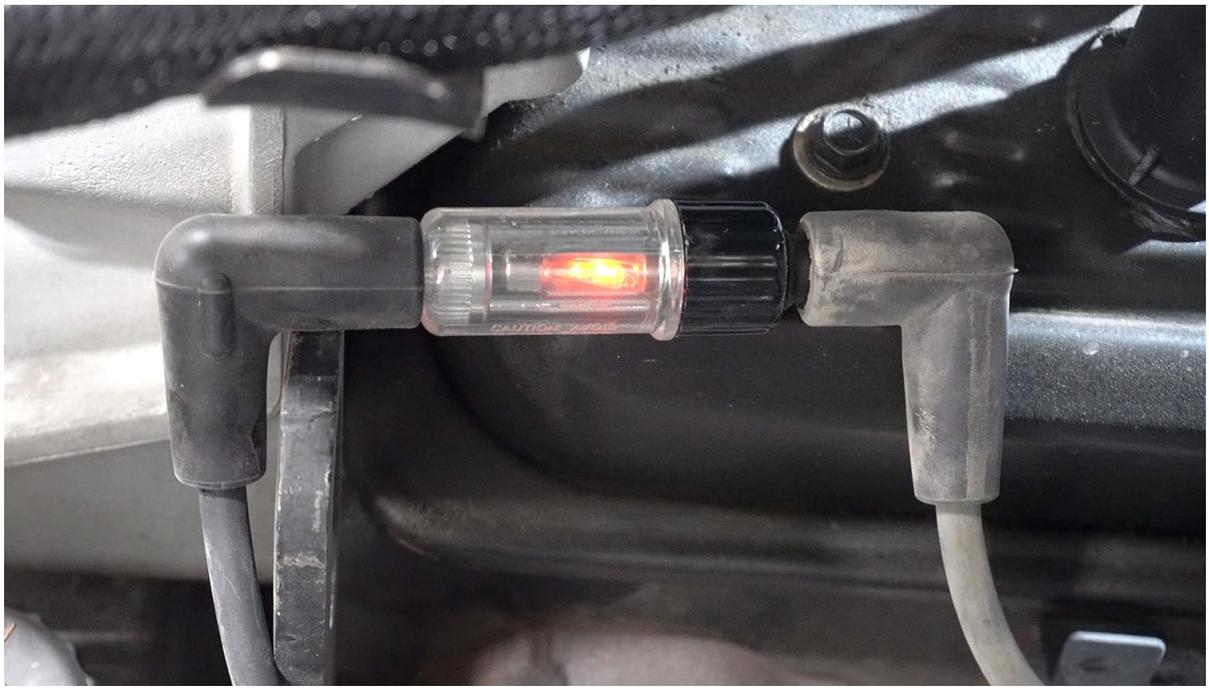


Image 2: The spark tester connected between a spark plug and wire, showing a visible orange spark during engine operation.

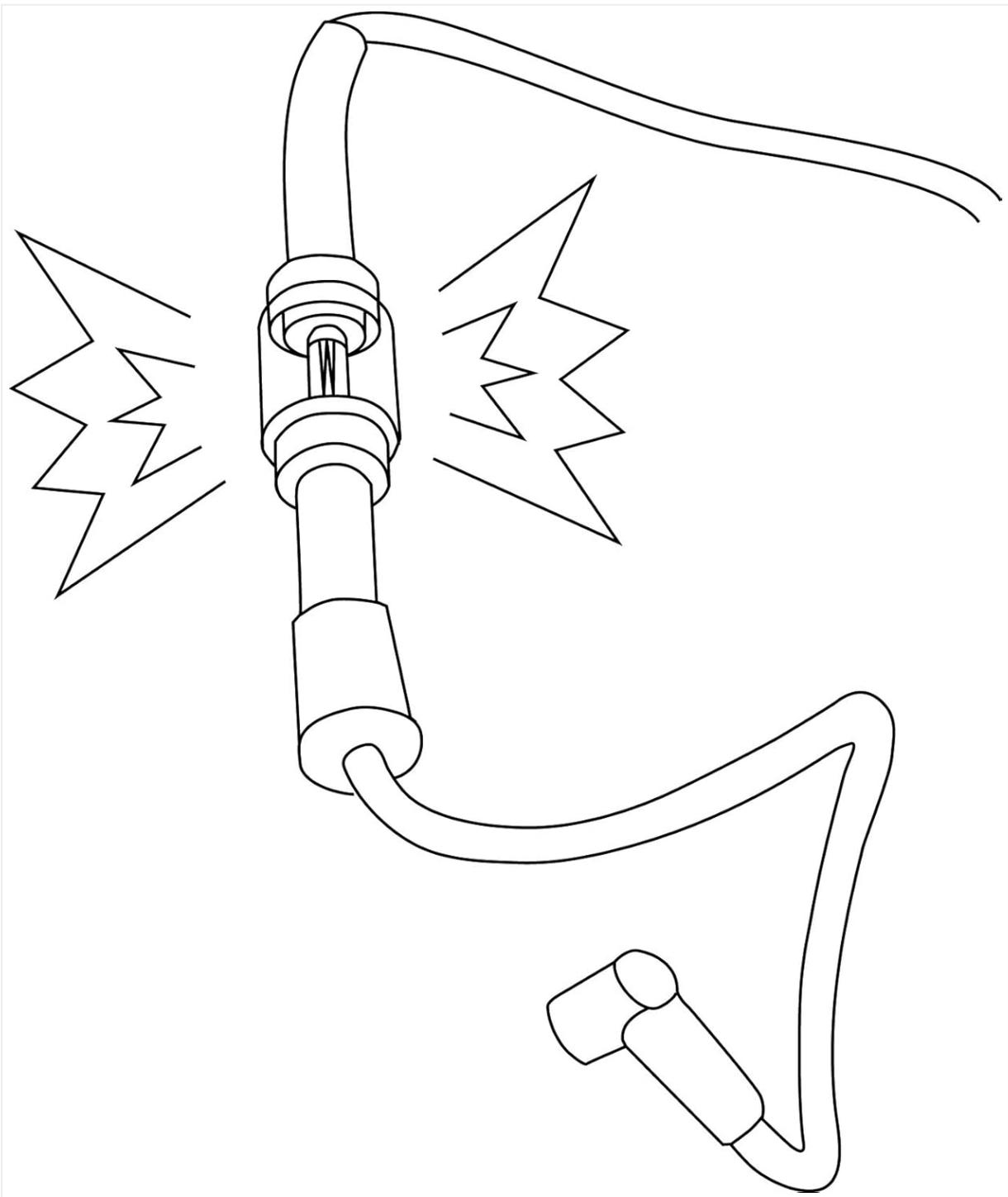


Image 3: An illustrative diagram showing the internal spark path within an inline spark tester.

After testing, turn off the engine, carefully disconnect the spark tester, and reattach the spark plug wire to the spark plug.

MAINTENANCE

The Lisle 20610 Inline Spark Tester requires minimal maintenance to ensure its longevity and accurate performance.

- **Cleaning:** Wipe the tool with a clean, dry cloth after each use to remove any dirt, oil, or moisture. Do not use harsh chemicals or solvents.
- **Storage:** Store the spark tester in a clean, dry place, away from extreme temperatures and direct sunlight.
- **Inspection:** Before each use, visually inspect the tester for any signs of damage, such as cracked

housing, frayed wires, or loose connections. Do not use a damaged tester.

TROUBLESHOOTING

If you do not observe a spark when using the Lisle 20610 Inline Spark Tester, consider the following:

- **No Spark Indication:** If the tester does not flash, it indicates a lack of spark from the ignition system.
- **Check Connections:** Ensure the spark tester is securely connected to both the spark plug and the spark plug wire. A loose connection can prevent proper operation.
- **Engine Cranking:** Verify that the engine is cranking properly. The tester will only show spark if the engine is attempting to ignite.
- **System Diagnosis:** If no spark is detected, the issue lies within the vehicle's ignition system (e.g., faulty spark plug, bad spark plug wire, ignition coil, distributor, or other related components). The spark tester confirms the absence of spark, guiding further diagnosis.
- **Tester Integrity:** While rare, ensure the tester itself is not faulty. If possible, test it on a known working ignition system to confirm its functionality.

SPECIFICATIONS

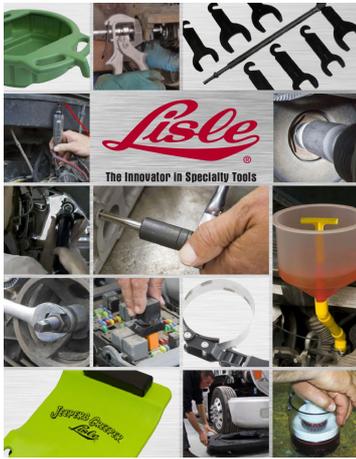
Feature	Detail
Brand	Lisle
Model Number	20610
Style	Inline Spark Tester
Power Source	Hand Powered (relies on engine ignition)
Color	Red (tool body)
Item Weight	4 ounces
Product Dimensions	10.5 x 5.75 x 1 inches
UPC	083045206101

WARRANTY AND SUPPORT

For specific warranty information regarding your Lisle 20610 Inline Spark Tester, please refer to the official Lisle website or contact their customer support directly. Warranty terms and conditions may vary.

For further assistance, technical support, or to inquire about other Lisle products, please visit the [Lisle Store on Amazon](#) or the official Lisle Corporation website.

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	<p>Linocell Multi Charger / PD 140 W - Specifications and Safety Guide</p> <p>Comprehensive technical specifications, output configurations, and safety guidelines for the Linocell Multi Charger / PD 140 W (Item: 20610, 20612).</p>
	<p>Anko 15W Wireless Charging Pad User Manual EPB-20610-B Specifications & Instructions</p> <p>Official user manual for the Anko 15W Wireless Charging Pad (Model EPB-20610-B). Includes technical specifications, operating instructions, safety warnings, and warranty information.</p>
	<p>Allen + Roth Cordless Cellular Shade Installation and Care Guide</p> <p>Comprehensive guide for installing, maintaining, and understanding the warranty for Allen + Roth Cordless Cellular Shades. Includes parts lists and troubleshooting.</p>
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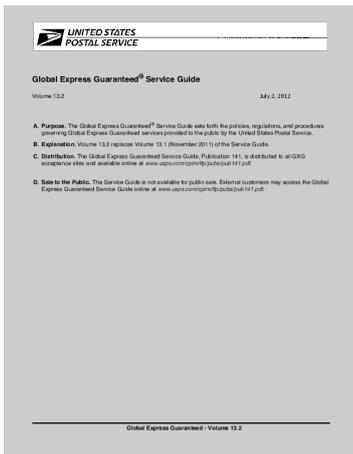


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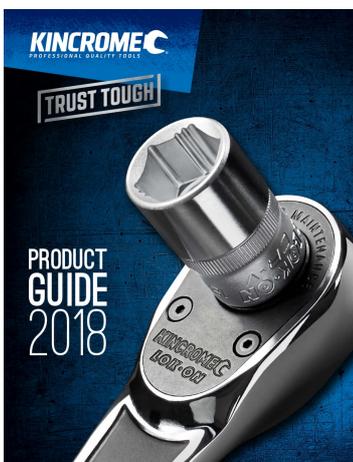
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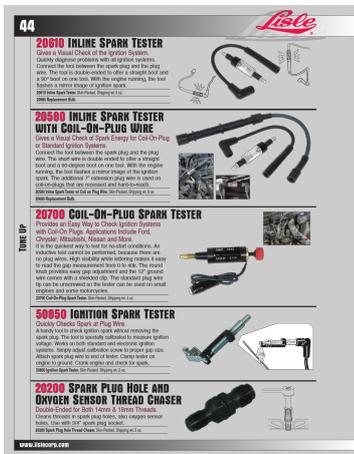
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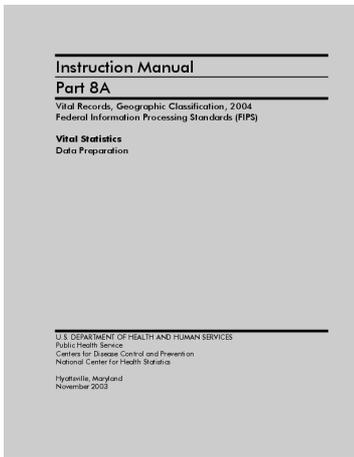


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[NCHS Instruction Manual Part 8A: Vital Records Geographic Classification, 2004](#)

This instruction manual, Part 8A, details the geographic classification standards for vital records, referencing the 2004 Federal Information Processing Standards (FIPS). Developed by the National Center for Health Statistics (NCHS), it provides essential guidance for preparing and processing vital statistics data, covering coding rules for occurrence, birthplace, and residence.

lang:en score:16 filesize: 3.26 M page_count: 1326 document date: 2006-11-27

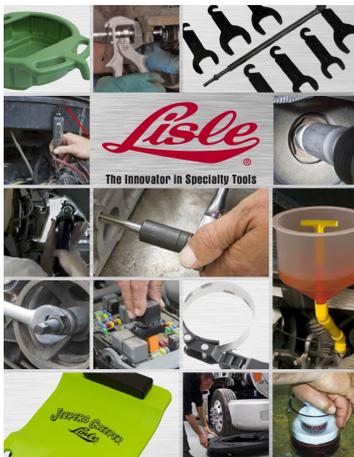


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Specialty Tools SPECIALTY TOOLS BRAKE TOOLS 3-Stone Hone Fits Cylinders to 2 21.4-50.8mm . Cont ... the engine running, the tool flashes a mirror image of ignition spark Lisle Inline Spark Tester LST **20610** Also Indicates Polarity. Safe for automotive computers. Won t damage sensitive electronic ...

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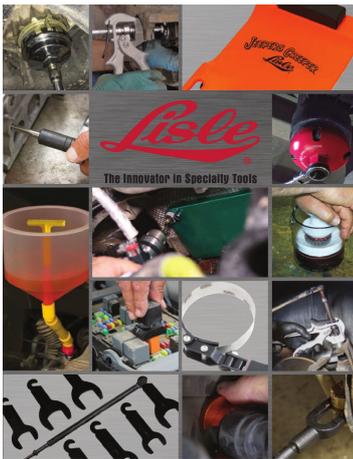


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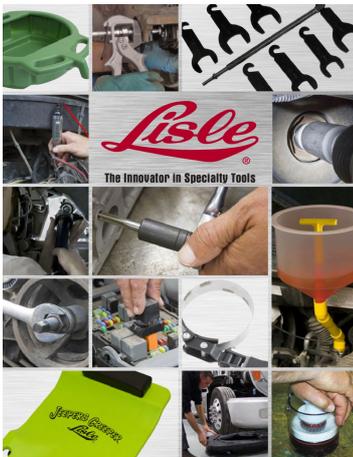


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