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› XINNHUNYI Tool Test Flange / Vacuum Tester 5910-850-4207 Instruction Manual

XINNHUNYI 5910-850-4207

XINNHUNYI Tool Test Flange / Vacuum Tester Instruction Manual

MODEL: 5910-850-4207

1. Introduction

This manual provides essential instructions for the safe and effective use of your XINNHUNYI Tool Test Flange / Vacuum Tester, model 5910-850-4207. Please read this manual thoroughly before operation to ensure proper setup, usage, and maintenance. This tool is designed as a replacement for STIHL OEM part 5910-850-4207 (replaces 5910-890-1200) and is intended for diagnostic testing of compatible units.

2. Setup

Before using the vacuum tester, ensure that the unit you intend to test is clean and free from debris. Identify the appropriate port or connection point on your equipment for vacuum testing.

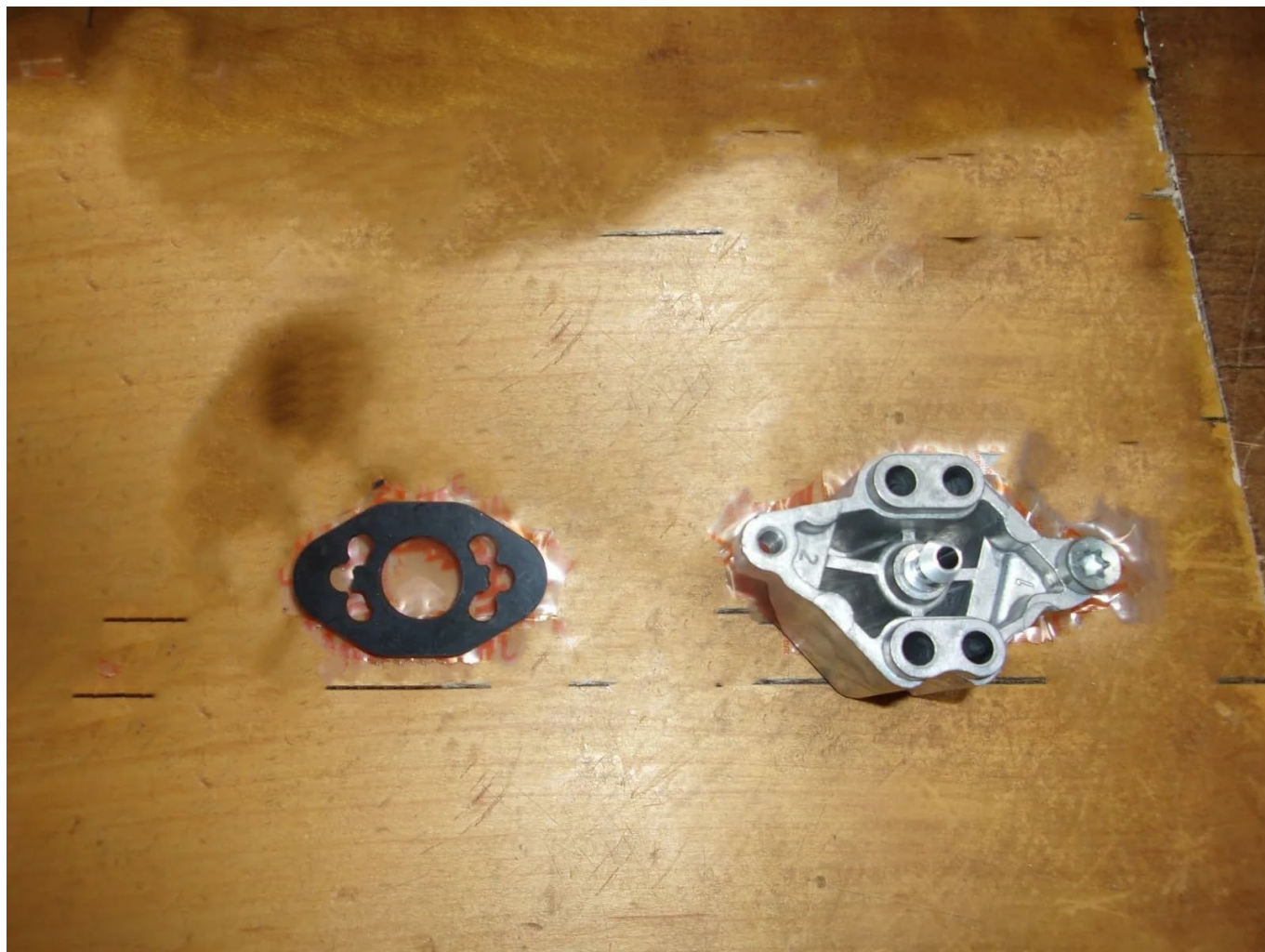


Figure 1: XINNHUNYI Tool Test Flange / Vacuum Tester. This image shows the overall design of the vacuum tester, including its flange and connection points, which are crucial for proper setup and operation.

2.1 Compatibility

This tool is compatible with various STIHL units. Verify your equipment model against the list below:

- MS 460-VWZ Magnum Arctic (Testing tool kit)
- MS 361 C-Q Z (Flange)
- MS 191 T (Flange)
- MS 210 C-BE Z (Testing tool kit)
- 090 (Testing tool kit)
- FS 120 (Testing tool kit)
- BG 45 C Z KAT (Flange)
- HL 91 K-Z (Testing tool kit)
- HL 94-Z (Testing tool kit)
- 090 AV (Testing tool kit)
- MS 440-Z Magnum (Testing tool kit)
- MS 440-VWZ Magnum Arctic (Testing tool kit)
- MS 361 C-B Z (Flange)
- MS 500i-Z (Testing tool kit)
- BG 46-Z (Flange)
- MS 460-RZ Magnum (Testing tool kit)
- FC 55-Z (Testing tool kit)

- FC 75 (Testing tool kit)
- 020 T (Flange)
- HL 94 KC-E (Testing tool kit)
- FS 450-KZ (Testing tool kit)
- BG 65-DZ (Flange)
- 046 Magnum R (Testing tool kit)
- MS 361-Z (Flange)
- HL 45-Z (Testing tool kit)
- FS 550 (Flange)
- MS 250 C-B Z (Testing tool kit)
- 024 (Flange)
- FC 55-DZ (Testing tool kit)
- MS 500i-RZ (Testing tool kit)
- MS 250-Z (Testing tool kit)
- MS 210-Z (Testing tool kit)
- MS 440-RZ Magnum (Testing tool kit)
- 019 T (Flange)
- MS 460-Z Magnum (Testing tool kit)
- 066, 660, 650, 036, 360 (and others)
- HL 45-DZ (Testing tool kit)
- FC 85 (Testing tool kit)
- BG 85-DZ (Flange)
- MS 250 C-BE Z (Testing tool kit)
- 046 Magnum (Testing tool kit)
- HL 94 K-Z (Testing tool kit)

2.2 Connection

Carefully attach the test flange to the designated port on your equipment. Ensure a secure and airtight seal to prevent false readings. Connect your vacuum pump or pressure gauge to the tester's port.

3. Operating Instructions

Once the tester is securely connected, proceed with your diagnostic procedure according to your equipment's service manual. The tester allows for the application of vacuum or pressure to identify leaks within the engine's crankcase or fuel system.

3.1 Vacuum Testing

1. Ensure all engine ports are sealed as required by the equipment service manual.
2. Apply a vacuum to the system using a suitable vacuum pump connected to the tester.
3. Monitor the vacuum gauge for any drop in pressure, which indicates a leak.
4. Refer to your equipment's service manual for acceptable vacuum retention times and values.

3.2 Pressure Testing (if applicable)

1. Ensure all engine ports are sealed as required.
2. Apply low pressure (e.g., 0.5 bar or 7 psi) to the system using a suitable pressure pump connected to the tester. **Do**

not exceed recommended pressure limits to avoid damage.

- 3. Monitor the pressure gauge for any drop in pressure, indicating a leak.
- 4. Refer to your equipment's service manual for acceptable pressure retention times and values.

4. Maintenance

Proper maintenance ensures the longevity and accuracy of your vacuum tester.

4.1 Cleaning

After each use, wipe down the tester with a clean, dry cloth. If necessary, use a mild, non-abrasive cleaner. Ensure no moisture enters the internal components.

4.2 Storage

Store the tester in a clean, dry environment, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent damage.

5. Troubleshooting

If you encounter issues with your vacuum tester, consider the following common problems and solutions:

- **Inaccurate Readings:**
 - Ensure all connections are tight and airtight.
 - Check for damage to the tester's seals or O-rings.
 - Verify the calibration of your vacuum/pressure pump and gauge.
- **Difficulty Attaching:**
 - Confirm the tester is compatible with your specific equipment model.
 - Ensure the mating surface on your equipment is clean and free of obstructions.
- **No Vacuum/Pressure Retention:**
 - This indicates a leak in the system being tested or in the connection to the tester.
 - Re-check all seals and connections.
 - Inspect the equipment for visible signs of leaks.

If problems persist, contact the seller for further assistance.

6. Specifications

Feature	Detail
Brand	XINNHUNYI
Model Number	5910-850-4207 (Replaces 5910-890-1200)
Manufacturer Part Number	619704042171
Material	Polyester
Color	Black

Feature	Detail
Water Resistance Level	Not Water Resistant
UPC	619704042171

7. Warranty Information

Specific warranty details for this product may vary. Please refer to the purchase documentation or contact the seller directly for information regarding warranty coverage and terms.

8. Customer Support

For technical assistance, troubleshooting guidance beyond this manual, or inquiries about your product, please contact the seller, yuliiastore, through the platform where the purchase was made. Provide your order number and a detailed description of the issue for prompt support.

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