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› Smarter Living WiFi Gas Alarm Leak Detector Instruction Manual

Smarter Living KMG-TY109

Smarter Living WiFi Gas Alarm Leak Detector Instruction Manual

Model: KMG-TY109

Brand: Smarter Living

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Smarter Living WiFi Gas Alarm Leak Detector. This device is designed to detect various flammable gases, including Natural Gas, Propane, Methane, Butane, LPG, and LNG, providing both audible alarms and smartphone notifications to enhance safety in your home, RV, or trailer. For optimal performance and safety, please read this manual thoroughly before using the device and retain it for future reference.

SAFETY INFORMATION

Your Smarter Living Gas Alarm Leak Detector is lab tested and in compliance with the UL 1484 standard for Residential Gas Detectors. Adherence to these safety guidelines is crucial:

- **Installation Location:** Install the detector in areas where gas leaks are most likely to occur, such as kitchens, basements, or near gas appliances. Ensure proper ventilation.
- **Power Source:** The device operates on 85V to 250V AC power. Ensure it is plugged into a compatible outlet.
- **Alarm Response:** Upon detection of a gas leak, the device will emit a loud 70dB audible alarm and send notifications to your smartphone. Immediately investigate the source of the alarm. If a gas leak is confirmed or suspected, evacuate the premises, turn off the gas supply if safe to do so, and contact emergency services.
- **Regular Testing:** Although the device continuously monitors gas levels, it is recommended to periodically test its functionality as per local safety regulations.
- **Maintenance:** Keep the device clean and free from dust or obstructions that could impede its sensor.

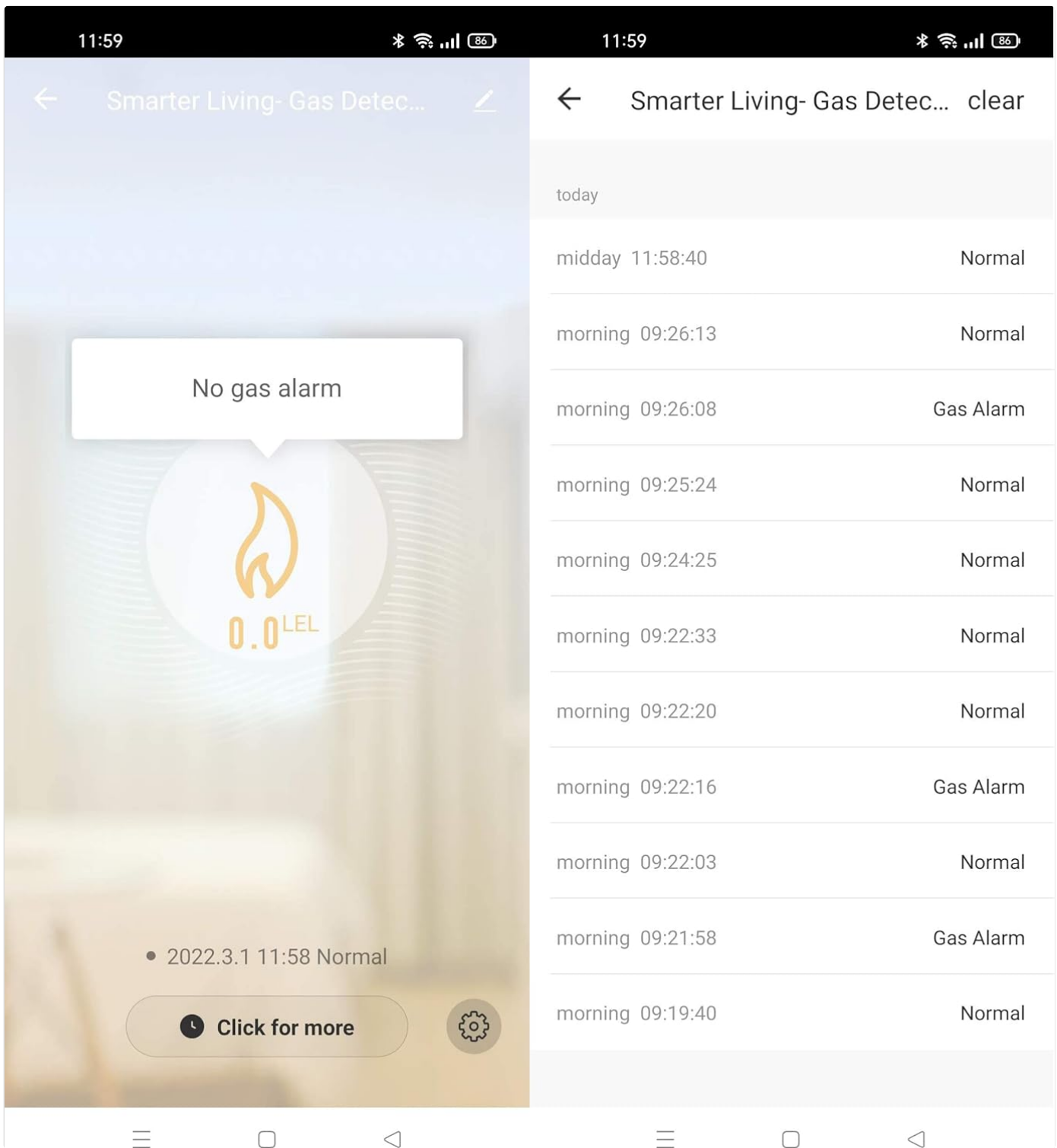


Image: The Smarter Living Gas Detector undergoing lab testing to ensure compliance with UL 1484 standards for residential gas detectors. This rigorous testing confirms the device's reliability and safety.

PRODUCT OVERVIEW

The Smarter Living WiFi Gas Alarm Leak Detector is a compact and modern device designed for easy integration into any home environment. It features a plug-in design, eliminating the need for batteries or complex wiring.



Image: A comprehensive view of the Smarter Living Gas Detector, showcasing its compact design and the real-time gas concentration display on the associated smartphone application.

Key Features:

- **Gas Detection:** Detects Natural Gas, Propane, Methane, Butane, LPG, LNG, and other flammable explosive gases.
- **Dual Alert System:** Features a loud 70dB audible alarm and instant phone notifications via the Smart Life or Tuya App.
- **Real-time Monitoring:** App displays real-time gas concentration levels (LEL%).
- **History Log:** Keeps a record of past alarms and gas concentration levels.
- **Easy Setup:** Auto Detection Setup Mode via Bluetooth for quick WiFi configuration.
- **No Gateway Required:** Connects directly to your 2.4GHz WiFi network.
- **Modern Design:** Compact white design with LED status indicators.



WiFi Connection



Phone Alerts
APP Control



High Pitched
Alarm



UL 1484
Compliance



- Compact & Modern Design
- Real-time Phone Alerts
- Share device with family



Image: Demonstrating the compact and portable size of the Smarter Living Gas Detector, easily held in one hand, making it convenient for various placements.

SETUP INSTRUCTIONS

1. App Installation

1. Download the **Smart Life** or **Tuya Smart** app from the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. Register for a new account or log in if you already have one.



Buy with Confidence

Lab tested and in compliance with
UL 1484 for Residential Gas Detectors

Image: The Smarter Living Gas Detector discreetly plugged into a kitchen outlet, highlighting its compact design and the availability of the Smart Life app on both Google Play and the App Store for easy download.

2. Device Placement and Power On

- Choose a suitable location for the detector, such as a kitchen, basement, or near gas appliances. Ensure it is plugged into a standard 120V AC outlet.
- Once plugged in, the device will power on automatically. The LED indicator light will show its status.

3. Connecting to WiFi (2.4GHz only)

1. Open the Smart Life or Tuya Smart app on your smartphone.
2. Ensure your phone's Bluetooth is enabled for the "Auto Detection Setup Mode".
3. In the app, tap the "+" icon to add a new device. The app should automatically detect the gas detector via Bluetooth.
4. Follow the on-screen prompts to connect the device to your 2.4GHz WiFi network. Enter your WiFi password when prompted.
5. Once connected, the device's LED indicator will change, and the app will confirm successful pairing.

Note: This device works exclusively on the 2.4GHz wireless band, which is optimal for long distances and penetrating walls. No Zigbee hub or other gateway is required.



Image: The rear view of the Smarter Living Gas Detector, indicating the location of the reset button. Alongside, a simplified diagram confirms its function as a Smart WiFi Gas Detector for various combustible gases.

OPERATING INSTRUCTIONS

1. Gas Detection and Alarm

- The detector continuously monitors the air for the presence of flammable gases.
- If gas concentration reaches 7% LEL (Lower Explosive Limit), the device will trigger an alarm. This is a higher sensitivity than the UL 1484 standard of 10% LEL, providing earlier warning.
- Upon alarm, the device will emit a loud 70dB audible sound.
- Simultaneously, you will receive instant notifications on your smartphone via the Smart Life or Tuya app, whether you are home or away.
- The audible alarm will sound even if the WiFi connection is disconnected, ensuring local warning.

2. App Control and Monitoring

- **Real-time LEL Display:** Open the app to view the current gas concentration level (LEL%) in real-time.
- **History Log:** The app maintains a history log of all gas alarms and concentration readings. This allows you to review past events.
- **Alarm Sound Options:** You can select from 5 available alarm sound options within the app settings.
- **Device Sharing:** The app allows you to share device control with family members.

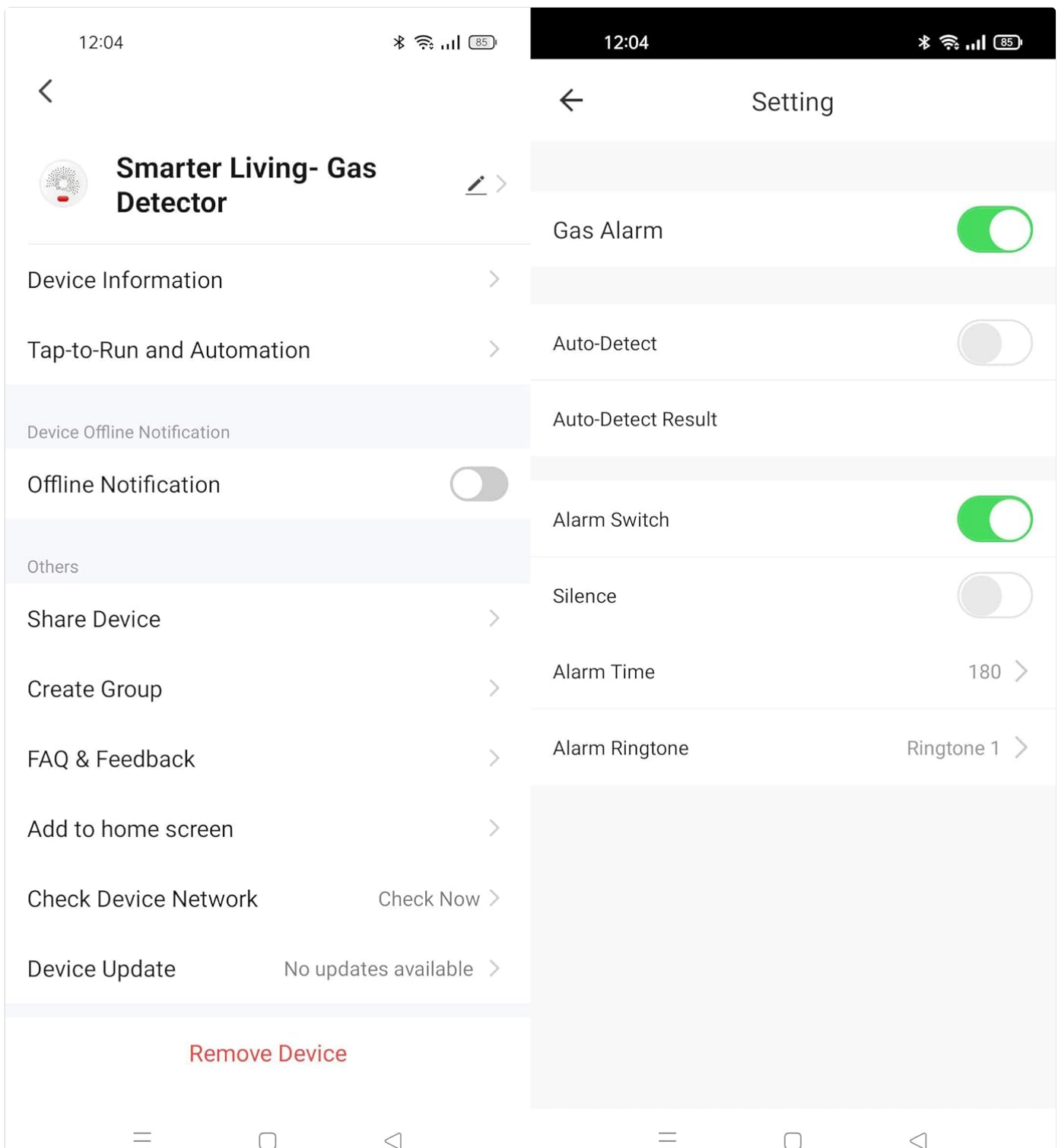


Image: A screenshot of the Smarter Living app displaying the history log for the gas detector, showing timestamps and status (Normal or Gas Alarm) for various detection events.

MAINTENANCE

- **Cleaning:** Gently wipe the exterior of the detector with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the sensor vents are clear of dust and debris.
- **Regular Checks:** Periodically check the device's status via the app to ensure it is online and functioning correctly.
- **Firmware Updates:** Check for device updates within the app's settings menu to ensure you have the latest features and security enhancements.

TROUBLESHOOTING

Common Issues and Solutions:

- **Device Not Connecting to WiFi:**

- Ensure your WiFi network is 2.4GHz. The device does not support 5GHz networks.
- Verify your WiFi password is correct.
- Move the device closer to your WiFi router.
- Restart your router and try connecting again.
- Use the "Auto Detection Setup Mode" via Bluetooth for easier pairing.

- **No Phone Notifications:**

- Check your phone's notification settings for the Smart Life/Tuya app to ensure notifications are enabled.
- Ensure the device is connected to WiFi.
- Verify the "Device Offline Notification" setting is enabled in the app if you wish to be alerted when the device goes offline.

- **False Alarms:**

- Ensure the device is not placed near sources of strong odors, aerosols, or cleaning products that might trigger the sensor.
- Check for actual gas leaks. If unsure, contact a professional.

- **Device Not Responding:**

- Unplug the device from the outlet, wait 10 seconds, and plug it back in.
- Locate the reset button (refer to Product Overview image) and press it if a full reset is required. Note that resetting will require re-pairing with the app.

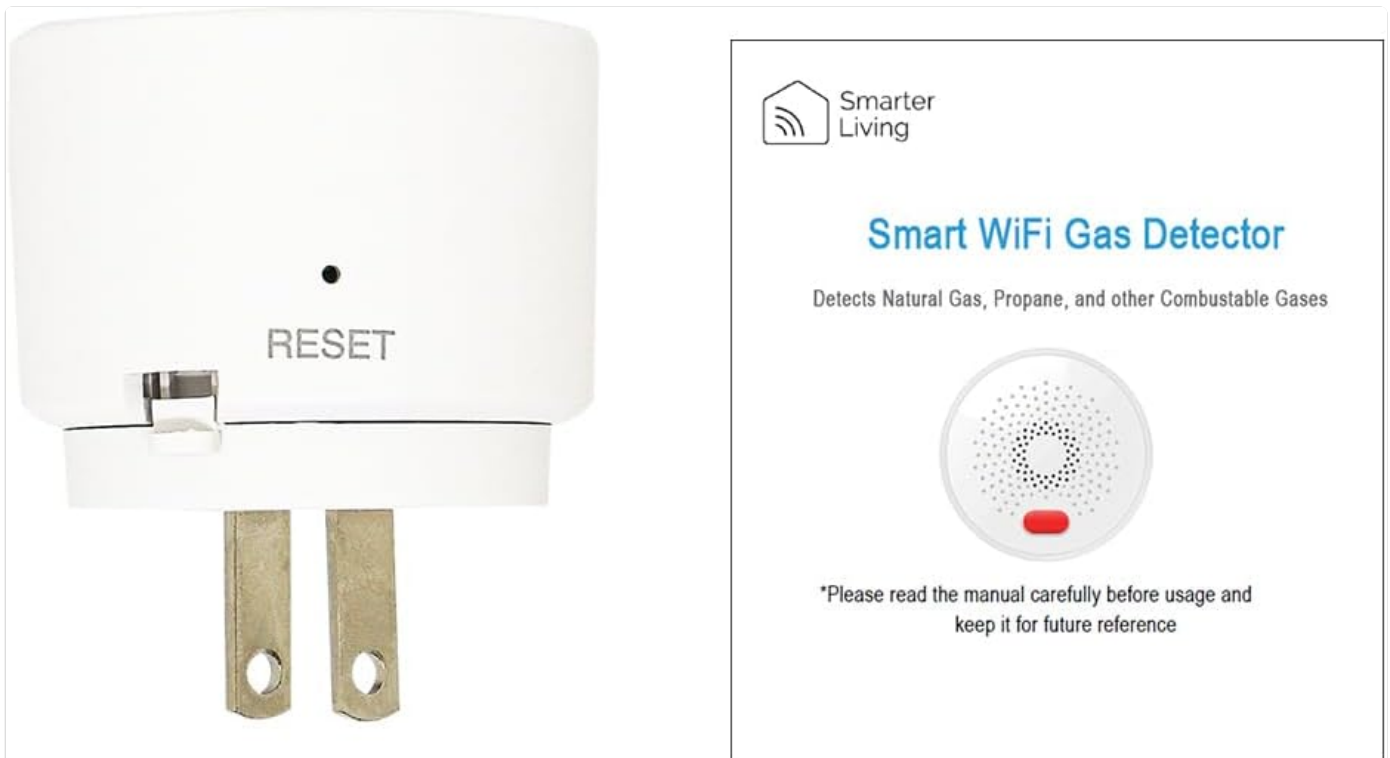


Image: Screenshots of the Smarter Living app's settings interface, allowing users to manage gas alarm toggles, auto-detection, offline notifications, alarm sounds, and other device configurations.

SPECIFICATIONS

Feature	Detail
Brand	Smarter Living
Model Number	KMG-TY109
Power Source	Plug in, AC (85V - 250V)
Voltage	120 Volts (AC)
Color	White
Product Dimensions	1.9"D x 1.9"W x 2.16"H
Item Weight	22.68 g (0.8 ounces)
Alarm Type	Audible (70dB) and Phone Notifications
Operating Humidity	95 percent
Compatible Devices	Android, iPhone (Smart Life / Tuya App)
Sensor Type	Electrochemical
Wireless Connectivity	2.4GHz WiFi
Usage	Indoor use only
UL Compliance	UL 1484 Standard for Residential Gas Detectors

SUPPORT AND WARRANTY

For additional support, instructional setup videos, and frequently asked questions, please visit the official Smarter Living website.

You can also refer to the [Installation Manual \(PDF\)](#) for further details.

Information regarding product warranty can typically be found on the product packaging or the official Smarter Living website.

Please retain your proof of purchase for warranty claims.