

Puig 21620N

Puig License Support User Manual

MODEL: 21620N FOR SUZUKI GSX-8S (2023)

Brand: Puig

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1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Puig License Support, specifically designed for the Suzuki GSX-8S (2023 model year). This product is engineered to provide a secure and adjustable mounting solution for your motorcycle's license plate, incorporating provisions for turn signals, a license plate light, and a reflector.

Please read this manual thoroughly before beginning installation to ensure proper fitment and safe operation.

2. Safety Information

WARNING: Improper installation can lead to serious injury or damage to your motorcycle. If you are unsure about any step, seek assistance from a qualified motorcycle technician.

- Always ensure the motorcycle is stable and secure on a stand before beginning any work.
- Disconnect the battery before performing any electrical work.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure all fasteners are tightened to the manufacturer's specified torque values. Over-tightening can strip threads; under-tightening can lead to components loosening during operation.
- Regularly inspect the license support for any signs of wear, damage, or loose fasteners.
- Ensure the license plate, light, and turn signals are clearly visible and comply with local regulations after installation.

3. Components

The Puig License Support kit includes all necessary components for installation. Please verify that all parts are present before proceeding.



Figure 3.1: Main assembly of the Puig License Support, showing the primary bracket, license plate mounting area, and integrated reflector/light housing.

The kit typically includes:

- Main License Support Bracket
- License Plate Light (Homologated)
- Reflector (Homologated)
- Mounting Hardware (bolts, washers, nuts)
- Wiring for License Plate Light
- Spacers or Bushings (if applicable)

Refer to the included parts list in your product packaging for a precise inventory.

4. Setup & Installation

Follow these steps carefully for proper installation of the Puig License Support on your Suzuki GSX-8S.

1. Preparation:

Park the motorcycle on a level surface and secure it on a rear stand. Ensure the engine is off and cool. Disconnect the negative terminal of the battery to prevent accidental electrical shorts.

2. Remove Original License Plate Holder:

Carefully remove the existing license plate holder and any associated components (turn signals, license plate light) from the rear of your Suzuki GSX-8S. Note the routing of any wiring for later connection.

3. Mount the Puig License Support Bracket:

Align the main Puig License Support bracket with the mounting points on the motorcycle's subframe or fender. Secure it using the provided hardware. Do not fully tighten bolts at this stage.



Figure 4.1: Side view of the Puig License Support mounted on a Suzuki GSX-8S, showing its integration with the motorcycle's rear section.

4. Install Turn Signals:

The Puig License Support features adjustable lodges for turn signals. Mount your aftermarket or original turn signals into the designated slots on the support. Ensure they are securely fastened and positioned for optimal visibility.



Figure 4.2: Rear view of the installed Puig License Support on a Suzuki GSX-8S, highlighting the placement of the turn signals and reflector.

5. Connect License Plate Light:

Route the wiring for the supplied license plate light. Connect it to the motorcycle's existing license plate light wiring harness. Ensure proper polarity. Use electrical connectors or solder and heat shrink tubing for a secure and weather-resistant connection.

6. Install Reflector and License Plate:

Attach the supplied homologated reflector to its designated position on the license support. Then, mount your license plate to the support using appropriate fasteners.

7. Final Tightening and Inspection:

Once all components are in place and aligned, progressively tighten all mounting bolts. Refer to your motorcycle's service manual for specific torque values if available, or tighten securely without over-tightening. Reconnect the battery. Test the license plate light and turn signals to ensure they function correctly. Verify that the license plate is securely mounted and does not obstruct any lights or moving parts.

5. Operation & Adjustment

The Puig License Support is designed with adjustability to suit various preferences and legal requirements.

- **Inclination Adjustment:**

The support is adjustable on inclination. This allows you to set the angle of your license plate. To adjust, loosen the pivot bolts, set the desired angle, and then re-tighten the bolts securely. Ensure the angle complies with local traffic laws for license plate visibility.

- **Turn Signal Lodge Adjustment:**

The turn signal lodges are adjustable, allowing for fine-tuning of the turn signal position. This ensures optimal visibility and clearance with other components. Loosen the retaining bolts, adjust the position, and re-tighten.

6. Maintenance

Regular maintenance will ensure the longevity and safe operation of your Puig License Support.

- **Regular Inspection:** Periodically check all mounting bolts for tightness. Vibrations from motorcycle operation can cause fasteners to loosen over time.
- **Cleaning:** Clean the license support with mild soap and water. Avoid harsh chemicals or abrasive cleaners that could damage the finish.
- **Electrical Connections:** Inspect wiring and electrical connections for the license plate light and turn signals for corrosion or damage. Ensure connections remain secure and waterproof.
- **Reflector and Light:** Keep the reflector and license plate light clean and free from dirt or debris to ensure maximum visibility.

7. Troubleshooting

Problem	Possible Cause	Solution
License plate light not working.	Loose wiring connection, blown fuse, faulty bulb/LED.	Check all wiring connections. Inspect motorcycle's fuse box for a blown fuse. Replace the license plate light if necessary.
Turn signals not working or flashing incorrectly.	Loose wiring, incorrect wiring, faulty flasher relay, faulty turn signal unit.	Verify all turn signal wiring connections. Ensure correct polarity. Check flasher relay. Test turn signal units.
License support feels loose.	Mounting bolts are not sufficiently tightened.	Re-tighten all mounting bolts to specified torque values. Inspect for any damaged threads or components.
Excessive vibration from license plate.	License plate not securely fastened, missing rubber dampers.	Ensure license plate is tightly bolted to the support. Consider adding rubber washers between the plate and support to dampen vibrations.

8. Specifications

Feature	Detail
Brand	Puig
Model Number	21620N
Vehicle Service Type	Motorcycle (Suzuki GSX-8S)
Color	Black

Feature	Detail
Item Weight	2.51 Pounds (approx. 1.14 kg)
Finish Type	Painted
Adjustability	Adjustable inclination, adjustable turn signal lodges
Included Components	License plate light (homologated), reflector (homologated), mounting hardware

9. Warranty & Support

Puig products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Puig website. In case of any issues or for technical support, please contact Puig customer service or your authorized dealer.

For further assistance, you may visit the Puig official website: www.puig.tv