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> TARSHYRY 12V Cooling Fan Instruction Manual (6 Inch)

TARSHYRY TARSHYRY4t30hsirzk-11

TARSHYRY 12V Cooling Fan Instruction Manual

Model: TARSHYRY4t30hsirzk-11 (6 Inch)

1. INTRODUCTION

Thank you for choosing the TARSHYRY 12V Cooling Fan. This fan is designed to provide efficient and reliable cooling for various vehicles, including cars, trucks, RVs, sedans, boats, and buses. Featuring durable metal construction and a 2-speed switch, it offers adjustable airflow to enhance comfort during your journeys. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.



Figure 1: TARSHYRY 12V Cooling Fan in a vehicle setting.

2. SAFETY INFORMATION

To prevent injury or damage to the product, observe the following safety precautions:

- Ensure the vehicle's power is off before attempting installation or maintenance.
- Connect the fan only to a 12V DC power source. Incorrect voltage can damage the fan and vehicle electrical system.
- Observe correct polarity when wiring: Red wire to positive (+), Black wire to negative (-)/ground.
- Mount the fan securely to a stable surface to prevent it from dislodging during vehicle movement.
- Keep fingers, hair, and loose clothing away from the fan blades during operation.
- Do not operate the fan if the protective grille is damaged or removed.
- Avoid exposing the fan to excessive moisture or direct water spray.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x TARSHYRY 12V Cooling Fan (6 Inch)

4. PRODUCT FEATURES

The TARSHYRY 12V Cooling Fan offers the following key features:

- **Durable Metal Construction:** Equipped with heavy-duty black metal fan blades and a robust protective grating, designed for longevity and consistent performance in demanding environments.
- **Whisper Quiet Operation:** Engineered with advanced noise reduction technology to provide a comfortable and quiet cooling experience, ideal for long journeys.
- **Universal Vehicle Compatibility:** Adaptable design ensures easy installation and optimal performance across a wide range of vehicles, including cars, trucks, RVs, boats, and buses.
- **Energy Efficient Cooling:** Consumes significantly less power (8W) compared to traditional air conditioning, helping to conserve vehicle battery power.
- **Adjustable Airflow:** Features an adjustable mounting bracket and a 2-speed switch (ON/OFF and a second speed setting) for directional and variable airflow control.



Figure 2: Front view of the fan highlighting metal blades and grille.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your cooling fan:

1. **Choose a Mounting Location:** Select a flat, stable surface within your vehicle that is clear of obstructions and allows for optimal airflow direction. Ensure the location does not interfere with vehicle operation or safety features.
2. **Secure the Mounting Base:** Position the fan's mounting base and mark the screw holes. Use appropriate screws (not included) to securely fasten the base to the chosen surface.
3. **Connect Wiring:** Identify the red and black wires extending from the fan. Connect the red wire to a 12V DC positive (+) power source in your vehicle. Connect the black wire to a suitable ground (-) point. Ensure connections are secure and insulated to prevent short circuits.
4. **Adjust Fan Angle:** Loosen the adjustment knob on the fan's bracket, position the fan to your desired angle for optimal airflow, and then tighten the knob to secure it.



Figure 3: Fan mounting base and adjustable bracket.



Figure 4: Fan with wiring and switch detail.

6. OPERATING INSTRUCTIONS

Operating your TARSHYRY 12V Cooling Fan is straightforward:

1. **Power On/Off:** Locate the toggle switch on the fan's base. Flip the switch to the 'ON' position to power on the fan. Flip it to the 'OFF' position to turn it off.

- Select Speed:** The fan features a 2-speed switch. Move the toggle switch to the first 'ON' position for a lower speed setting, and to the second 'ON' position for a higher speed setting.
- Adjust Airflow Direction:** Loosen the adjustment knob on the fan bracket, manually pivot the fan head to direct airflow as desired, then tighten the knob to secure its position.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fan:

- Cleaning:** Periodically wipe the fan's exterior and blades with a soft, dry cloth. Ensure the fan is powered off and disconnected from the power source before cleaning. Do not use abrasive cleaners or immerse the fan in water.
- Wiring Inspection:** Regularly check the power connections for any signs of wear, corrosion, or loose wiring. Ensure all connections remain secure.
- Grille Integrity:** Inspect the protective grille for any damage. A damaged grille should be addressed to prevent accidental contact with the blades.

8. TROUBLESHOOTING

If you encounter issues with your fan, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan does not turn on	No power, loose wiring, faulty switch, incorrect polarity	Check power connection to 12V source. Ensure wires are securely connected (Red to +, Black to -). Verify switch is in 'ON' position. Check vehicle's fuse for the circuit.
Weak or inconsistent airflow	Obstruction, low voltage, dirty blades	Ensure nothing is blocking the fan blades or grille. Check vehicle's battery voltage. Clean fan blades as per maintenance instructions.
Unusual noise during operation	Loose components, foreign object, worn motor	Power off and inspect for any loose screws or foreign objects within the grille. If noise persists and is significant, contact customer support.

9. SPECIFICATIONS

Detailed specifications for the TARSHYRY 12V Cooling Fan:

Feature	Detail
Brand	TARSHYRY
Model Name	TARSHYRY4t30hsirzk-11
Item Type	12V Cooling Fan
Material	Metal

Feature	Detail
Rated Power	8W
Rated Voltage	DC 12V
Product Dimensions (D x W x H)	7.87" x 7.48" x 5.91" (approximate)
Mounting Type	Wall Mount (Surface Mount)
Special Feature	Adjustable Angle, 2-Speed Switch
Compatibility	Cars, Trucks, RVs, Sedans, Boats, Buses

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.