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Technical Precision TZ-EKK1-X

Instruction Manual

Technical Precision Replacement Visor for Peterbilt 388 (2011)

PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Technical Precision 14-inch Stainless Steel Blind Mount Drop Visor with 10 Bullseye LED Lights, designed as a replacement part for the Peterbilt 388 (Year 2011).



Figure 1: The Technical Precision 14-inch Stainless Steel Blind Mount Drop Visor with 10 Bullseye LED Lights, shown installed on the front of a Peterbilt 388 truck. The visor is positioned above the windshield, featuring multiple amber LED lights along its edge, enhancing visibility and the truck's aesthetic.

SAFETY INFORMATION

Always prioritize safety during installation and maintenance. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. Ensure the vehicle is parked on a level surface with the engine off and parking brake engaged before beginning any work.

- Disconnect the vehicle's battery before performing any electrical work.
- Ensure all connections are secure to prevent electrical shorts.
- Do not overtighten fasteners to avoid damaging components.
- Consult a professional mechanic if you are unsure about any step.

SETUP AND INSTALLATION

This section outlines the steps for installing the replacement drop visor.

Tools Required:

- Socket Wrench Set
- Screwdriver Set (Phillips and Flathead)
- Wire Strippers/Crimpers
- Electrical Tape or Heat Shrink Tubing
- Measuring Tape

- Marker

Installation Steps:

1. **Preparation:** Park the Peterbilt 388 on a flat, stable surface. Turn off the engine and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Existing Visor (if applicable):** Carefully unbolt and remove the old visor. Note the location and type of fasteners. Disconnect any existing wiring for lights, ensuring to label them if necessary.
3. **Position New Visor:** Carefully lift the new Technical Precision visor into position on the truck. Align the mounting holes with the existing attachment points on the cab.
4. **Secure Mounting:** Insert and hand-tighten the provided or original mounting bolts. Ensure the visor is properly aligned before fully tightening all fasteners. Do not overtighten.
5. **Electrical Connection (LED Lights):**
 - Identify the positive and negative wires for the 10 Bullseye LED lights on the new visor.
 - Connect these wires to the truck's existing marker light wiring harness. Ensure proper polarity.
 - Use appropriate wire connectors (crimp connectors or solder) and insulate all connections with electrical tape or heat shrink tubing to prevent shorts and corrosion.
 - *Optional:* If the truck does not have existing wiring, a new circuit may need to be run from the fuse box, requiring professional installation.
6. **Test Lights:** Reconnect the vehicle's battery. Turn on the truck's marker lights to verify that all 10 Bullseye LED lights on the new visor illuminate correctly.
7. **Final Check:** Ensure all bolts are securely tightened and all wiring is neatly routed and secured away from moving parts or heat sources.

OPERATING INSTRUCTIONS

The Technical Precision Drop Visor itself does not require active operation. Its primary function is passive sun protection and aesthetic enhancement. The integrated LED lights operate in conjunction with the vehicle's existing lighting system.

- The 10 Bullseye LED lights will illuminate when the vehicle's marker lights, parking lights, or headlights are activated, depending on how they are wired into the truck's electrical system.
- Ensure the lights are functioning before driving, especially at night or in low visibility conditions.

MAINTENANCE

Regular maintenance will ensure the longevity and appearance of your stainless steel drop visor.

- **Cleaning:** Clean the stainless steel surface regularly with a mild soap and water solution. Use a soft cloth to avoid scratching the finish. For stubborn spots, use a stainless steel cleaner. Always wipe in the direction of the grain.
- **LED Lights:** Periodically inspect the LED lights for any damage, cracks, or non-functioning bulbs. While LEDs have a long lifespan, individual bulbs can fail. Replacement of individual LED bulbs may require specialized tools or professional assistance.
- **Fasteners:** Annually check all mounting bolts and screws for tightness. Vibrations from driving can cause fasteners to loosen over time. Retighten as necessary.
- **Wiring:** Inspect the electrical wiring for any signs of fraying, corrosion, or loose connections. Repair or replace damaged wiring immediately to prevent electrical issues.

TROUBLESHOOTING

This section addresses common issues you might encounter with your drop visor and its LED lights.

Problem	Possible Cause	Solution
LED Lights Not Illuminating	<ul style="list-style-type: none">Loose electrical connectionBlown fuse in vehicle's circuitDamaged wiringFaulty LED bulb(s)	<ul style="list-style-type: none">Check and secure all wiring connections.Inspect and replace the relevant fuse in the truck's fuse box.Inspect wiring for cuts or corrosion; repair or replace as needed.Contact Technical Precision support for replacement parts if individual LEDs are faulty.
Visor Appears Loose	<ul style="list-style-type: none">Loose mounting boltsIncorrect installation	<ul style="list-style-type: none">Retighten all mounting bolts securely.Review installation steps to ensure correct procedure was followed.
Corrosion on Stainless Steel	<ul style="list-style-type: none">Exposure to harsh chemicals or road saltInfrequent cleaning	<ul style="list-style-type: none">Clean immediately with stainless steel cleaner.Increase frequency of cleaning, especially in harsh environments.

SPECIFICATIONS

Feature	Detail
Product Name	Replacement Drop Visor with LED Lights
Brand	Technical Precision
Model Number	TZ-EKK1-X
ASIN	B0DY1NF3KK
Compatibility	Peterbilt 388 (Year 2011)
Material	14-inch Stainless Steel
Mounting Type	Blind Mount
Lighting	10 Bullseye LED Lights

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Technical Precision product, please contact the manufacturer directly.

Manufacturer: Technical Precision

Website: [Technical Precision Amazon Store](#)

Please have your model number (TZ-EKK1-X) and ASIN (B0DY1NF3KK) ready when contacting support.



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