

## Venture 1TVENHZ58APHHHH

# Venture Trucks Skateboard Trucks User Manual

Model: 5.8" Hanger / 8.5" Axle (Set of 2)

## 1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your new Venture Trucks All Polished High Skateboard Trucks. Designed for optimal performance and durability, these trucks are a key component for any skateboard setup. Please read this manual thoroughly before installation and use to ensure safety and prolong the life of your product.

## 2. PRODUCT OVERVIEW

The Venture Trucks All Polished High Skateboard Trucks are engineered for a stellar ride, featuring a 5.8" hanger and an 8.5" axle. They are known for their lightweight design and robust construction.



**Figure 2.1:** A set of two Venture All Polished High Skateboard Trucks, showcasing their polished silver finish and sturdy construction. Each truck consists of a hanger, baseplate, and axle.



**Figure 2.2:** A single Venture All Polished High Skateboard Truck, providing a closer view of its components including the kingpin, bushings, and pivot cup.

### Components:

- **Hanger:** The T-shaped aluminum alloy component that houses the axle and connects to the baseplate via the kingpin.
- **Axle:** The steel rod that runs through the hanger, onto which the wheels are mounted.
- **Baseplate:** The flat metal plate that attaches to the skateboard deck.
- **Kingpin:** The large bolt that holds the hanger and baseplate together, passing through the bushings.
- **Bushings:** Urethane cushions that allow the truck to turn and pivot.
- **Pivot Cup:** A small urethane cup in the baseplate that the pivot of the hanger rests in.

## 3. SETUP AND INSTALLATION

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Proper installation is crucial for safety and performance. You will need a skateboard deck, wheels, bearings, and mounting hardware (bolts and nuts).

### Installation Steps:

1. **Prepare the Deck:** Ensure your skateboard deck is clean and free of debris. Identify the pre-drilled holes for the trucks.
2. **Position the Trucks:** Place one truck's baseplate over the holes on the underside of the deck. Ensure the kingpin faces inwards towards the center of the board.
3. **Insert Hardware:** From the top of the deck (grip tape side), insert the mounting bolts through the holes in the deck and the baseplate.
4. **Secure with Nuts:** On the underside of the baseplate, thread the nuts onto the bolts.
5. **Tighten:** Using a skateboard tool or appropriate wrench, tighten the nuts. Do not overtighten, as this can damage the deck or hardware. Tighten until the baseplate is snug against the deck, but avoid crushing the wood. Repeat for the second truck.
6. **Install Wheels and Bearings:** Insert bearings into your wheels, then slide the wheels onto the axles of the trucks. Secure with axle nuts, ensuring they are tight enough to prevent wobble but loose enough for the wheels to spin freely.

## 4. OPERATING GUIDELINES

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Once installed, your Venture Trucks are ready for use. These trucks are designed for street and park skateboarding, offering excellent turning capabilities and stability.

## Key Considerations:

- **Bushings:** The tightness of your kingpin nut affects how easily your board turns. Adjust to your preference – tighter for more stability, looser for sharper turns.
- **Wheel Bite:** If your wheels rub against the deck during turns, consider tightening your trucks, using harder bushings, or adding riser pads between the trucks and the deck.
- **Break-in Period:** New trucks and bushings may feel stiff initially. They will soften and adapt to your riding style after a few sessions.

## 5. MAINTENANCE

Regular maintenance will extend the life of your Venture Trucks and ensure consistent performance.

### Maintenance Tips:

- **Check Hardware:** Periodically inspect all nuts and bolts (kingpin nut, axle nuts, mounting hardware) to ensure they are securely tightened. Loose hardware can lead to instability and premature wear.
- **Inspect Bushings:** Check bushings for cracks, tears, or excessive compression. Replace them if they show signs of significant wear, as worn bushings can affect turning and stability.
- **Clean Trucks:** Wipe down your trucks to remove dirt, dust, and grime. While trucks are durable, keeping them clean can prevent buildup that might affect performance.
- **Pivot Cup:** Ensure the pivot cup is intact and free of debris. A damaged pivot cup can cause squeaking or affect turning.
- **Axle Wear:** Over time, the axles may show wear from grinding. Monitor this, as excessive wear can compromise the integrity of the truck.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Squeaky Trucks	Dry pivot cup or bushings.	Apply a small amount of wax shavings or silicone-based lubricant to the pivot cup and between bushings.
Difficulty Turning	Kingpin nut too tight; stiff bushings.	Loosen kingpin nut slightly; allow for break-in period; consider softer bushings.
Wobbly Ride	Loose kingpin nut; worn bushings; loose mounting hardware.	Tighten kingpin nut; replace worn bushings; tighten mounting hardware.
Wheel Bite	Trucks too loose; large wheels; no riser pads.	Tighten kingpin nut; use smaller wheels; install riser pads.

## 7. SPECIFICATIONS

**Brand:** Venture  
**Model:** All Polished High Skateboard Trucks  
**Hanger Size:** 5.8 inches  
**Axle Size:** 8.5 inches  
**Weight (Set of 2):** Approximately 670 g  
**Color:** Multi (Polished Silver)

**Style:** Street

**Manufacturer Reference:** 1TVENHZ58APHHHH

**ASIN:** B07CPVBGS5

## 8. WARRANTY AND SUPPORT

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Venture Trucks are manufactured to high standards. For specific warranty information or technical support, please refer to the official Venture Trucks website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

For further assistance, please visit: [Venture Trucks Official Website](#)