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SKF VKM 31008

SKF VKM 31008 Multi-V Idler Kit Instruction Manual

MODEL: VKM 31008

Brand: SKF

Product Overview

The SKF VKM 31008 Multi-V Idler Kit is engineered to serve as a high-quality replacement idler bearing for your vehicle's multi-V belt system. This kit includes an optimized SKF bearing designed to ensure reliable and lasting performance, contributing to the overall safety and efficiency of your vehicle's accessory drive system.

Important Safety Information

Installation of this product requires a knowledgeable mechanic, appropriate tooling, and strict adherence to SKF instructions as well as vehicle-specific mounting guidelines. Improper installation can lead to vehicle damage, component failure, or personal injury. Always consult your vehicle's official service manual for specific procedures and safety precautions before beginning any work.

What's in the Box

- One (1) SKF Multi-V Idler Kit (VKM 31008)

Installation Guidelines

Preparation: Ensure the vehicle is safely supported on a level surface and the engine is cool. For safety, it is recommended to disconnect the vehicle's battery before commencing work.

Removal: Carefully remove the existing idler pulley, paying close attention to its orientation and any associated components. Refer to your vehicle's service manual for specific removal procedures, including belt tension release and routing diagrams.

Installation: Install the new SKF VKM 31008 Multi-V Idler Kit. Ensure proper alignment of the pulley and that all

fasteners are tightened to the torque specifications provided in your vehicle's manufacturer guidelines. The included SKF bearing is designed for optimal performance and durability.

Verification: After installation, re-tension the multi-V belt according to vehicle specifications. Double-check all connections and ensure no tools or debris are left in the engine bay. Reconnect the battery. Start the engine and check for proper belt alignment and operation. Listen for any unusual noises or vibrations.

For detailed, product-specific installation instructions and technical information, scan the QR code located on the product packaging label. This will provide access to official SKF resources and vehicle-specific guidance.

Maintenance

Idler pulleys are generally considered maintenance-free components. However, it is recommended to periodically inspect the pulley during routine vehicle maintenance. Look for signs of wear such as excessive noise (squealing, grinding), wobble, or bearing play. If any of these symptoms are observed, the idler pulley should be replaced promptly to prevent potential belt system failure or damage to other components.

Troubleshooting

- **Noise from belt system:** A worn idler pulley bearing can cause squealing, grinding, or chirping noises. This could also indicate improper belt tension or misalignment. Inspect the pulley for smooth, quiet rotation and check belt tension according to vehicle specifications.
- **Belt slippage:** While often related to belt tension or the condition of the belt itself, a seized or improperly rotating idler pulley can contribute to belt slippage. Ensure the pulley rotates freely and smoothly.
- **Vibration:** An unbalanced or physically damaged idler pulley can introduce vibrations into the belt system. Visually inspect the pulley for any signs of damage, cracks, or excessive runout.

If issues persist after inspection and basic troubleshooting, it is advisable to consult a qualified automotive technician for further diagnosis and repair.

Specifications

Attribute	Value
Manufacturer	SKF Group
Brand	SKF
Model	VKM 31008
Item Weight	7.4 ounces
Product Dimensions	3.15 x 2.36 x 3.15 inches
Item model number	VKM31008
Manufacturer Part Number	VKM 31008
OEM Part Number	SKF VKM 31008 Galoppino/Guidacinghia, Cinghia Poly-V

Position	Right
Date First Available	June 27, 2013

Product Images



Front view of the SKF VKM 31008 Multi-V Idler Kit, showing the black pulley with a blue protective cap over the central bearing.



Close-up view of the SKF VKM 31008 Multi-V Idler Kit, highlighting the ribbed surface of the pulley and the green-sealed bearing.



Side profile view of the SKF VKM 31008 Multi-V Idler Kit, illustrating its compact design.



Top-down view of the SKF VKM 31008 Multi-V Idler Kit, with the blue cap partially removed, revealing the central bearing and mounting point.

Warranty and Support

For comprehensive information regarding product warranty, technical support, and additional resources, please refer to the official SKF Automotive aftermarket website. You can typically access this information by scanning the QR code provided on the product packaging label.

SKF is committed to vehicle safety and provides high-quality parts designed for safe and lasting repairs. For further assistance or to explore other SKF products, you may also visit the official SKF Store on Amazon:

[SKF Store on Amazon](#)