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### maXpeedingrods KJ899

## maXpeedingrods Aluminum Engine Valve Cover Instruction Manual

For Infiniti FX35, G35, M35 & Nissan 350Z VQ35DE 3.5L V6 (2003-2008)

### 1. INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of your maXpeedingrods Aluminum Engine Valve Cover Kit. This kit is designed to replace original plastic valve covers, offering enhanced durability and improved temperature resistance. Please read all instructions carefully before proceeding with installation.

### 2. VEHICLE COMPATIBILITY & OEM NUMBERS

This aluminum valve cover kit is compatible with the following vehicles equipped with the VQ35DE 3.5L V6 DOHC engine:

- **Nissan 350Z:** 3.5L 3498CC V6 DOHC (2003-2007)
- **Infiniti G35:** 3.5L 3498CC V6 DOHC (2003-2007)
- **Infiniti FX35:** 3.5L 3498CC V6 DOHC (2003-2008)
- **Infiniti M35:** 3.5L 3498CC V6 DOHC (2006-2008)

**Replaces OEM Part Numbers:**

- **Left Side:** 13264-AM610, 13264AM610, 036-0009, 13270-8J102
- **Right Side:** 13264-AM600, 13264AM600, 036-0008, 13270-8J112

**Note: Please verify the OEM part numbers before purchase to ensure correct fitment for your vehicle.**

### 3. PRODUCT FEATURES

The maXpeedingrods Aluminum Engine Valve Cover Kit offers several key features designed for performance and longevity:

- **Durable Aluminum Construction:** Manufactured from aluminum for increased strength and resistance to cracking, offering a longer service life compared to original plastic components.
- **Complete Kit:** Includes both left and right valve covers, gaskets, and necessary bolts for a comprehensive replacement.
- **Integrated Oil Cap:** Designed to prevent oil leakage and ensure excellent sealing performance.
- **Precise Fitment:** Engineered to match original equipment specifications for proper installation and function.

## ALUMINUM VALVE COVER

Include Oil Cap & Gasket & Bolts



Oil Filler Cap



PCV Valve



Bolts Include



Mounting Points



Spark Plug  
Tube Seals

Image: Detailed view of the aluminum valve covers highlighting key components.

# ALUMINUM VALVE COVER KIT

**OE/Part number:**

**Left Side:**

13264-AM610, 13264AM610, 036-0009, 13270-8J102

**Right Side:**

13264-AM600, 13264AM600, 036-0008, 13270-8J112



**Note:** Please Check the OEM Number before purchase.

Image: Underside of the valve cover with gasket for optimal sealing.

## 4. PACKAGE CONTENTS

Your maXpeedingrods Aluminum Engine Valve Cover Kit includes the following items:

- 1 x Left Aluminum Engine Valve Cover
- 1 x Right Aluminum Engine Valve Cover
- 2 x Valve Cover Gaskets (pre-installed or separate)
- 1 x Oil Filler Cap
- Necessary Mounting Bolts
- PCV Valve and Hoses (as applicable)



Image: Complete kit contents including both valve covers, gaskets, bolts, and oil cap.

## 5. INSTALLATION GUIDE

**Professional installation is highly recommended. If you lack experience with automotive repairs, consult a qualified mechanic. Always refer to your vehicle's specific service manual for detailed torque specifications and procedures.**

### General Installation Steps:

- 1. Preparation:** Ensure the engine is cool. Disconnect the battery.
- 2. Remove Components:** Carefully remove the intake manifold, ignition coils, spark plug wires, and any other components obstructing access to the valve covers.
- 3. Drain Oil (Optional):** If necessary, drain a small amount of engine oil to prevent spills during cover removal.
- 4. Remove Old Valve Covers:** Loosen and remove the bolts securing the old valve covers. Carefully pry off the old covers, ensuring not to damage the cylinder head surface.
- 5. Clean Surfaces:** Thoroughly clean the mating surfaces on the cylinder head and the new valve covers. Remove all traces of old gasket material, oil, and debris. Ensure surfaces are dry.
- 6. Install New Gaskets:** Place the new valve cover gaskets onto the new aluminum valve covers. Ensure they are seated correctly in the grooves.

- Install New Valve Covers:** Carefully position the new aluminum valve covers onto the cylinder heads. Ensure proper alignment.
- Secure Bolts:** Install the new mounting bolts. Tighten them gradually in a crisscross pattern to the manufacturer's specified torque. Overtightening can damage the covers or gaskets.
- Reinstall Components:** Reinstall all previously removed components (spark plug wires, ignition coils, intake manifold, etc.) in reverse order.
- Final Checks:** Reconnect the battery. Start the engine and check for any oil leaks. Monitor engine performance.

## Installation Resources:

Video: Overview of a valve cover set for Infiniti Nissan, showing components and general appearance.

Video: Quick look at left and right valve covers compatible with Nissan 350Z and Infiniti models.

Video: Detailed view of engine valve covers with gaskets and bolts for Nissan 350Z and Infiniti G35.

## 6. MAINTENANCE

Proper maintenance of your engine valve covers is crucial for engine health and longevity:

- Regular Inspection:** Periodically inspect the valve covers and surrounding areas for any signs of oil leaks, cracks, or damage.
- Gasket Condition:** Ensure the valve cover gaskets remain pliable and free from hardening or cracking. Replace gaskets if any signs of wear or leakage are observed.
- Cleanliness:** Keep the engine bay clean to easily spot potential leaks and prevent debris from accumulating around the valve covers.
- PCV System:** Ensure the Positive Crankcase Ventilation (PCV) valve and hoses are clear and functioning correctly to prevent pressure buildup within the engine, which can lead to valve cover leaks.

## 7. TROUBLESHOOTING COMMON ISSUES

If you encounter issues after installation, consider the following:

- Oil Leaks:**
  - Cause:** Improper gasket seating, incorrect bolt torque, damaged gasket, or warped cover.
  - Solution:** Recheck bolt torque according to vehicle specifications. Inspect gaskets for proper installation and damage. Ensure mating surfaces were thoroughly cleaned before installation.
- Fitment Issues:**
  - Cause:** Incorrect part for the vehicle model/year, or manufacturing tolerance.
  - Solution:** Double-check vehicle compatibility and OEM numbers. If issues persist, contact customer support.

- **Engine Bay Smoking/Burning Oil Smell:**

- **Cause:** Oil leaking onto hot exhaust components.
- **Solution:** Immediately inspect for oil leaks from the valve covers or other engine components. Address any leaks promptly.

For persistent issues not covered here, please contact maXpeedingrods customer support or a certified mechanic.

## 8. PRODUCT SPECIFICATIONS

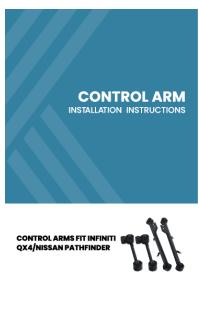
- **Manufacturer:** maXpeedingrods
- **Part Number:** KJ899
- **Material:** Aluminum
- **Item Weight:** 9.48 pounds
- **Product Dimensions:** 20.2 x 11.02 x 15.51 inches
- **Engine Type:** VQ35DE 3.5L V6 DOHC

## 9. WARRANTY AND SUPPORT

maXpeedingrods products are designed for stable performance and long service life. For specific warranty details, return policies, or technical support, please refer to the product packaging or contact maXpeedingrods customer service directly through their official website or the retailer where the product was purchased.

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## Related Documents - KJ899

 The image shows a booklet titled 'CONTROL ARM INSTALLATION INSTRUCTIONS' for 'CONTROL ARMS FIT INFINITI QX4/NISSAN PATHFINDER'. It features a blue and white design with a small illustration of a car's rear suspension components at the bottom.	<p><a href="#">maXpeedingrods Control Arm Installation Instructions for Infiniti QX4 &amp; Nissan Pathfinder</a></p> <p>Detailed installation guide for maXpeedingrods rear lower and upper control arms, designed for Infiniti QX4 (1997-2004) and Nissan Pathfinder. Includes kit contents and step-by-step instructions.</p>
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	<p><a href="#">maXpeedingrods Car Stereo Installation and Troubleshooting Guide for Honda Accord (2003-2007)</a></p> <p>Comprehensive guide for installing and troubleshooting the maXpeedingrods Double Din Car Stereo for Honda Accord models from 2003 to 2007. Covers cable connections, component identification, and common issues with solutions, supporting features like Apple CarPlay, Android Auto, GPS, and Bluetooth.</p>
	<p><a href="#">maXpeedingrods Engine Swap Mount Brackets Installation for Chevy C10 (1963-1972)</a></p> <p>Detailed installation guide for maXpeedingrods engine swap conversion mount brackets, enabling the installation of Chevy SMALL BLOCK LS engines into 1963-1972 Chevy C10 and GMC truck chassis. Includes kit contents, dimensions, and essential installation notes.</p>
	<p><a href="#">Installation Instructions: Tie Rods and Drop Links for Lincoln LS &amp; Ford Thunderbird</a></p> <p>Comprehensive installation guide for maXpeedingrods adjustable tie rods and rear sway bar end links, designed for Lincoln LS (2000-2006) and Ford Thunderbird (2002-2005) models. Includes kit contents and step-by-step instructions.</p>
	<p><a href="#">Maxpeedingrods Q96 Audio/Video Receiver User Manual</a></p> <p>User manual for the Maxpeedingrods Q96 Audio/Video Receiver, detailing installation, operation, features like CarPlay, Android Auto, GPS, Bluetooth, and troubleshooting.</p>
	<p><a href="#">MAXPEEINGRODS Air Spring Kit Installation Guide for GMC Sierra &amp; Chevrolet Silverado</a></p> <p>Detailed installation guide for the MAXPEEINGRODS rear suspension leveling air spring kit, compatible with GMC Sierra and Chevrolet Silverado models. Includes pre-installation checks, step-by-step removal and installation instructions, and safety warnings.</p>