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Mopar 82215350AB

Mopar 82215350AB Snorkel Air Intake Instruction Manual

Genuine OEM Part for Specific Vehicle Applications

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of the Mopar 82215350AB Snorkel Air Intake. This is a genuine Original Equipment Manufacturer (OEM) part, engineered to meet precise fit, form, and function specifications for compatible vehicles. Adherence to these instructions is crucial for optimal performance and longevity of the product.



Image showing the Mopar 82215350AB Snorkel Air Intake component. This component is designed to elevate the engine's air intake point, protecting it from water and dust during off-road driving.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Failure to follow safety guidelines can result in injury or damage to the vehicle.

- **Professional Installation Recommended:** Due to the complexity and critical nature of this component, professional

installation by a certified technician is highly recommended.

- **Vehicle Preparation:** Ensure the vehicle is parked on a level surface, the engine is off and cooled, and the parking brake is engaged. Disconnect the battery's negative terminal before beginning any electrical work.
- **Personal Protective Equipment:** Wear appropriate safety glasses, gloves, and other protective gear as needed.
- **Tool Safety:** Use correct tools for each task and ensure they are in good working condition.
- **Component Handling:** Handle all parts carefully to avoid damage.
- **Post-Installation Check:** After installation, thoroughly check all connections and ensure no tools or loose parts remain in the engine bay.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact your Mopar dealer or supplier.

- Mopar 82215350AB Snorkel Air Intake Assembly
- Mounting Hardware (brackets, bolts, nuts, washers)
- Gaskets and Seals
- Installation Template (if applicable)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

The installation of the Mopar 82215350AB Snorkel Air Intake requires mechanical aptitude and specific tools. Refer to your vehicle's service manual for detailed instructions on removing existing components and preparing the vehicle for snorkel installation.

1. Preparation:

- Park the vehicle on a level surface and engage the parking brake.
- Turn off the engine and allow it to cool completely.
- Disconnect the negative terminal of the vehicle's battery.
- Remove any existing air intake components that will be replaced by the snorkel system.
- Clean the installation area on the vehicle's fender or A-pillar.

2. Fender/Body Modification:

- Carefully position the provided template (if included) onto the vehicle's fender or body panel according to the vehicle-specific instructions.
- Mark all drilling and cutting points accurately.
- Using appropriate tools, drill pilot holes and cut the necessary openings for the snorkel body and mounting points. Ensure all edges are smooth and deburred.
- Apply rust-preventative paint or sealant to all exposed metal edges to prevent corrosion.

3. Snorkel Assembly Installation:

- Attach any necessary brackets to the snorkel body as per instructions.
- Carefully feed the snorkel body through the prepared openings in the fender/body.
- Secure the snorkel to the vehicle using the provided mounting hardware. Ensure all bolts are tightened to the manufacturer's specified torque settings.
- Install all gaskets and seals to ensure a watertight connection between the snorkel and the vehicle body.

4. Connecting to Airbox:

- Connect the snorkel's intake hose or pipe to the vehicle's airbox. Ensure a secure and airtight seal.
- Verify that all clamps are tightened and there are no leaks in the air intake path.

5. Final Checks:

- Double-check all mounting points for tightness.
- Ensure the snorkel head is correctly oriented and secured.
- Reconnect the vehicle's battery.
- Start the engine and listen for any unusual noises or air leaks.

5. OPERATING CONSIDERATIONS

The Mopar Snorkel Air Intake is designed to improve engine performance and protection in specific conditions. Understand its capabilities and limitations.

- **Water Fording:** While a snorkel raises the air intake point, it does not make the vehicle fully submersible. Other vehicle components (e.g., electrical systems, differentials, transmission) may still be vulnerable to water damage. Exercise extreme caution when driving through water.
- **Dusty Conditions:** The snorkel helps draw cleaner air from above the dust cloud, but regular air filter inspection and replacement are still necessary, especially in very dusty environments.
- **Vehicle Height:** Be mindful of the increased vehicle height due to the snorkel, especially when entering garages, car washes, or areas with low overhead clearance.
- **Airflow:** Ensure the snorkel head is not obstructed by debris, snow, or ice, which could restrict airflow to the engine.

6. MAINTENANCE

Regular maintenance ensures the snorkel system functions correctly and provides maximum protection to your engine.

- **Inspect Connections:** Periodically check all hose clamps and mounting bolts for tightness. Vibrations from driving can loosen connections over time.
- **Check Seals:** Inspect all gaskets and seals for cracks, deterioration, or signs of leakage, especially after off-road excursions or water crossings. Replace any compromised seals immediately.
- **Clean Snorkel Head:** Ensure the snorkel head is free from debris, leaves, insects, or other obstructions. Clean as necessary.
- **Air Filter:** Follow your vehicle manufacturer's recommendations for air filter inspection and replacement. The snorkel does not eliminate the need for regular air filter maintenance.
- **Body Integrity:** Inspect the snorkel body for any cracks or damage that could compromise its structural integrity or allow water ingress.

7. TROUBLESHOOTING

If you encounter issues after installing the snorkel, consider the following common problems and solutions.

Problem	Possible Cause	Solution
Engine running rough/loss of power	Air leak in the intake system; obstructed snorkel head; dirty air filter.	Check all connections for tightness. Inspect snorkel head for obstructions. Check and replace air filter if necessary.

Problem	Possible Cause	Solution
Water in airbox	Compromised seals or gaskets; improper installation; snorkel head submerged.	Inspect and replace seals. Re-evaluate installation for proper sealing. Avoid submerging snorkel head.
Excessive noise from intake	Loose connections; improper fitment.	Tighten all clamps and mounting hardware. Ensure all components are seated correctly.

If problems persist after attempting these solutions, consult a qualified automotive technician or Mopar service center.

8. SPECIFICATIONS

Feature	Detail
Part Number	82215350AB
Manufacturer	Mopar
Product Model	SNORKLE
Product Weight	8.16 Kilograms
Product Dimensions	97.2 x 31 x 31 cm
OEM Part Number	82215350AB
Assembly Required	No (referring to the snorkel itself, but installation is required)

9. WARRANTY AND SUPPORT

This Mopar OEM part is covered by Mopar's standard warranty for genuine parts. Warranty terms and conditions may vary based on region and purchase location. Please retain your proof of purchase.

For warranty claims, technical support, or further assistance, please contact your authorized Mopar dealer or visit the official Mopar website. Ensure you have the product's part number (82215350AB) and your vehicle's VIN readily available when seeking support.

Mopar Official Website: www.mopar.com