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Nayuank 207-01-72391 2070172391

Nayuank Inlet Rubber Air Hose User Manual

Model: 207-01-72391

1. Introduction

This manual provides essential information for the proper installation, maintenance, and understanding of the Nayuank Inlet Rubber Air Hose, part number 207-01-72391. This component is designed as a direct replacement part for specific Komatsu excavator models. Adhering to the instructions herein will help ensure optimal performance and longevity of the product.

2. Compatibility

The Nayuank Inlet Rubber Air Hose (Part Number: 207-01-72391, also referred to as 2070172391) is specifically designed to be compatible with the following Komatsu excavator models:

- Komatsu PC300-8 Excavator
- Komatsu PC300-8MO Excavator

Before installation, verify that the part number matches the required component for your specific equipment model to ensure correct fitment and function.

3. Installation Instructions

Proper installation is crucial for the performance and safety of the air hose. It is recommended that installation be performed by qualified personnel with experience in heavy machinery maintenance.

3.1 Safety Precautions

- Ensure the excavator is turned off, cooled down, and all pressure systems are depressurized before beginning work.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Refer to the Komatsu excavator's service manual for specific safety procedures related to the air intake system.

3.2 Installation Steps

1. **Preparation:** Locate the existing inlet air hose on the Komatsu PC300-8 or PC300-8MO excavator. Ensure the area

is clean and free of debris.

2. **Removal of Old Hose:**
    - Loosen and remove any clamps securing the old air hose to the air intake manifold and air filter housing.
    - Carefully detach and remove the old hose. Inspect the connection points for any damage or remaining debris.
3. **Inspection of New Hose:** Before installation, visually inspect the new Nayuank Inlet Rubber Air Hose for any signs of damage, cracks, or manufacturing defects.
4. **Positioning the New Hose:** Align the new rubber air hose with the connection points on the air intake manifold and air filter housing. The hose is designed with a specific bend to fit correctly.



Image 3.2.1: The Nayuank Inlet Rubber Air Hose, illustrating its specific curved design for proper fitment. This hose connects the air filter housing to the engine's intake system.

5. **Securing the Hose:**
    - Slide the hose onto the connection points, ensuring a snug fit without excessive force.
    - Install new or existing clamps over the hose ends and tighten them securely. Do not overtighten, as this can damage the rubber.



Image 3.2.2: A detailed view of the Nayuank Inlet Rubber Air Hose, highlighting the part number "207-01-72391" and "HOSE RADIATOR" text printed on its surface, confirming its identity and material.

6. **Final Check:** After installation, visually inspect all connections to ensure the hose is properly seated and clamps are tight. Start the excavator and check for any air leaks around the hose connections.

4. Maintenance

The Nayuank Inlet Rubber Air Hose is designed for durability. Regular inspection is the primary maintenance requirement.

- **Visual Inspection:** Periodically inspect the hose for signs of wear, cracks, hardening, softening, or swelling. Check for any abrasions or punctures.
- **Clamp Tightness:** Ensure that the hose clamps remain tight. Loose clamps can lead to air leaks, affecting engine performance.
- **Cleaning:** Keep the exterior of the hose clean from excessive dirt, oil, or chemicals that could degrade the rubber material over time.
- **Replacement:** Replace the hose immediately if any damage or significant wear is observed to prevent engine damage or performance issues.



Image 4.1: A close-up view of the Nayuank Inlet Rubber Air Hose, displaying manufacturing details and part numbers, which are important for identification during maintenance or replacement.

5. Troubleshooting

This section addresses common issues related to the inlet air hose.

Symptom	Possible Cause	Solution
Engine losing power or running rough	Air leak in the inlet hose or loose clamps.	Inspect the hose for cracks or damage. Tighten clamps. Replace hose if damaged.
Visible cracks or deterioration on hose surface	Normal wear and tear, exposure to harsh conditions, or chemical degradation.	Replace the hose immediately to prevent air leaks and potential engine damage from unfiltered air.
Hose detaches from connection point	Loose or improperly installed clamps.	Re-attach the hose and securely tighten clamps. Ensure proper alignment.

6. Specifications

Key technical details for the Nayuank Inlet Rubber Air Hose.

- **Item Type:** Inlet Rubber Air Hose
- **Part Number:** 207-01-72391 (also 2070172391)
- **Material:** Rubber
- **Fitment Type:** Direct Replacement
- **Compatible Equipment:** Komatsu PC300-8, Komatsu PC300-8MO Excavator
- **Manufacturer:** Nayuank
- **UPC:** 759537502609



Image 6.1: An end-on view of the Nayuank Inlet Rubber Air Hose, clearly showing the circular opening and the thickness of the rubber material, indicating its robust construction.

7. Warranty Information

The Nayuank Inlet Rubber Air Hose comes with a**6-month warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal operating conditions. It does not cover damage resulting from improper installation, misuse, accident, or unauthorized modifications. For warranty claims, please retain your proof of purchase and contact the seller.

8. Customer Support

For further assistance, technical inquiries, or support regarding the Nayuank Inlet Rubber Air Hose, please contact your point of purchase or the manufacturer directly. When contacting support, please provide the product part number (207-01-72391) and your purchase details.
Important Note: To avoid unnecessary returns, please carefully check the product picture and part number to ensure it is

the correct product for your needs before purchase or installation.

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