

**nvduq2803-20163**

# **Generic Pressure Water Pump for Titan Pressure Washer**

**INSTRUCTION MANUAL - MODEL NVDUQ2803-20163**

## **Introduction**

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This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Generic replacement pressure water pump. This pump is designed for compatibility with 208cc Titan pressure washers, delivering 2200 PSI and 2.5 GPM. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. This is a replacement part and may require adjustments for specific models.

## **Safety Information**

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Always observe basic safety precautions to reduce the risk of injury or damage. Ensure the pressure washer is disconnected from its power source and water supply before attempting any installation or maintenance. Wear appropriate personal protective equipment, including safety glasses and gloves. Refer to your pressure washer's original manual for additional safety guidelines.

## **Setup and Installation**

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This section outlines the steps for installing the replacement pressure water pump. Ensure you have all necessary tools before beginning.



*Figure 1: Generic Pressure Water Pump. This image displays the Generic replacement pressure water pump, designed for 208cc Titan pressure washers. It features a compact design with inlet and outlet ports visible.*

1. **Preparation:** Disconnect the spark plug wire from the spark plug to prevent accidental starting. Turn off the water supply and relieve any pressure in the system. Drain any remaining water from the old pump.
2. **Remove Old Pump:** Loosen and remove the bolts securing the old pump to the engine. Carefully detach any hoses or connections. Note the orientation of the old pump for correct installation of the new one.
3. **Inspect Shaft:** Clean the engine shaft thoroughly. Check for any damage or debris that could hinder the new pump's installation.
4. **Install New Pump:** Align the new pump with the engine shaft. Gently slide the pump onto the shaft, ensuring it seats properly. Secure the pump with the original bolts, tightening them evenly.
5. **Connect Hoses:** Reattach the water inlet and high-pressure outlet hoses to the new pump. Ensure all connections are tight to prevent leaks.
6. **Final Check:** Verify all connections are secure and the pump is firmly mounted. Reconnect the spark plug wire.

*Note:* Adjustments may be needed for some model fitments. If you encounter difficulty, consult a qualified technician.

## Operating Instructions

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Once the pump is installed, follow these steps to operate your pressure washer.

- 1. Connect Water Supply:** Attach a garden hose to the pump's water inlet. Ensure the hose is free of kinks and the water supply is turned on fully.
- 2. Purge Air:** Squeeze the trigger on the spray gun until a steady stream of water flows out, indicating that all air has been purged from the pump and hose.
- 3. Start Engine:** Follow your pressure washer's engine starting procedure. Allow the engine to warm up for a few moments.
- 4. Begin Cleaning:** Direct the spray gun nozzle at the surface to be cleaned. Squeeze the trigger to begin spraying. Release the trigger to stop the flow.
- 5. Shut Down:** When finished, turn off the pressure washer engine. Turn off the water supply. Squeeze the spray gun trigger to release any remaining pressure in the system.

## Maintenance

Regular maintenance ensures optimal performance and extends the life of your pressure water pump.

- After Each Use:**
  - Flush the pump with clean water to remove any detergent or debris.
  - Inspect hoses and connections for leaks or damage.
- Seasonal Storage:**
  - Before storing for extended periods, especially in freezing temperatures, drain all water from the pump and hoses.
  - Consider using a pump protector or antifreeze solution specifically designed for pressure washer pumps to prevent internal damage.
- General Inspection:** Periodically check the pump for any signs of wear, cracks, or unusual noises during operation. Address any issues promptly.

## Troubleshooting

This section provides solutions to common issues you might encounter.

| Problem                       | Possible Cause                                                                                                                                                    | Solution                                                                                                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No water flow or low pressure | <ul style="list-style-type: none"><li>• Clogged inlet filter</li><li>• Kinked garden hose</li><li>• Insufficient water supply</li><li>• Air in the pump</li></ul> | <ul style="list-style-type: none"><li>• Clean or replace inlet filter.</li><li>• Straighten hose.</li><li>• Ensure water supply is fully open.</li><li>• Purge air from the pump by squeezing the trigger with water on.</li></ul> |
| Water leaks from pump         | <ul style="list-style-type: none"><li>• Loose connections</li><li>• Damaged O-rings or seals</li></ul>                                                            | <ul style="list-style-type: none"><li>• Tighten all hose connections.</li><li>• Inspect and replace any worn or damaged O-rings/seals.</li></ul>                                                                                   |

| Problem                   | Possible Cause                                                                              | Solution                                                                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump making unusual noise | <ul style="list-style-type: none"><li>Lack of lubrication</li><li>Internal damage</li></ul> | <ul style="list-style-type: none"><li>Ensure proper pump oil levels (if applicable to your specific pump model).</li><li>If noise persists, professional inspection may be required.</li></ul> |

## Specifications

Key specifications for the Generic Pressure Water Pump (Model nvduq2803-20163):

- Brand:** Generic
- Model Number:** nvduq2803-20163
- Manufacturer Part Number:** DUA-PARTS-CSP-PL-29032025-20163
- Compatibility:** Designed for 208cc Titan Pressure Washers
- Pressure Rating:** 2200 PSI
- Flow Rate:** 2.5 GPM
- Color:** Black/White
- Material:** High quality, durable construction
- Features:** High precision, low noise, high temperature-resistance

## Warranty Information

Specific warranty details for this Generic replacement part are not provided within this manual. Please refer to the seller's product listing or contact the seller directly for information regarding warranty coverage and terms.

## Customer Support

For technical assistance, questions about installation, or troubleshooting beyond what is covered in this manual, please contact the seller from whom you purchased this product. Provide your model number (nvduq2803-20163) and purchase details for efficient support.