



Don't bust your back

Let a Tanami Pump do the hard work for you...

Tanami Pumps quickly transfer fuel to your vehicle's tank without moving or lifting your jerry can or fuel drum. The pumps are easy to use and come in a range of fittings suitable for various jerry cans in the market today.

- Birdsville suitable for Willow jerry cans
- Tanami Pro suitable for metal jerry cans
- Pilbara suitable for Sceptre jerry cans
- Eyre suitable for Fuelsafe jerry cans
- Canning suitable for 60L or 205L drums



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For more information and a list of nation-wide dealers visit www.tanamipump.com.au

CANNING Pump (205lt / 60lt Drum Pump)

The CANNING has been designed to transfer fuel / liquids from 205lt / 60lt Drums. It can quickly transfer fuel / liquids along a supply hose (under air pressure) to a vehicle fuel tank or reservoir without the inconvenience of moving the drum from its position.....*Also makes a good siphon!*

To operate the CANNING you need:

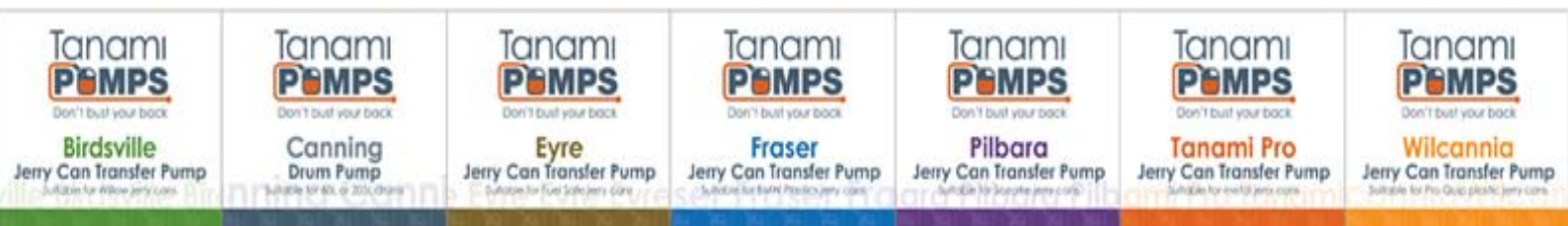
- A 12 Volt air compressor or foot / hand pump
- Earth lead / battery jumper cable (not supplied)
- A length of 12mm / 3/8" fuel hose, Non Static (Supplied)
- Hose clamp (Supplied)

SAFETY INSTRUCTIONS

All 205lt / 60lt Drums used with CANNING should be in good condition with NO dents, rust, cracked welds / seams or bent spouts. The spout face that seats with the CANNING seal must be in good condition to prevent leakage. Use a 205lt / 60lt drum conforming to AS2906.

- ➔ Fuel travelling a hose causes static electricity. Always make sure that your drum is earthed to your vehicle. "Use a battery jumper lead to do so".
- ➔ The CANNING should ALWAYS be operated in a well-ventilated are. DO NOT use inside a vehicle or enclosed space. Be wary of hot exhausts, sparks or electrical components (your compressor) in the area when operating the CANNING.
- ➔ Restricting / stopping the fuel flow from the fuel hose outlet can be dangerous. The hose could blow off the outlet pipe; fuel could then pour out of this pipe onto the surrounding area. The drum could explode from internal pressure.
- ➔ A pressure relief valve (Tanami PRV) is fitted; and a small amount of air escapes from this valve constantly as it regulates the air pressure, if there is a blockage in the fuel hose the valve will open fully. Air / fuel fumes from this valve if ignited can be dangerous, and are harmful if breathed in. under certain circumstances fuel under pressure can escape from this valve, so always have the drum upright when in operation. Never leave an operating CANNING Pump unattended.
- ➔ If the fuel tank or reservoir if full and fuel is then added via the fuel hose, the fuel could then overflow outside the tank or vehicle, causing a dangerous situation.
- ➔ If the fuel hose outlet is submerged below the tank / reservoir fuel level, and the drum is empty, the percolation effect of air flowing through the fuel pipe can cause fuel and fumes to escape from the tank / reservoir. In the presence of a flame or heat, the fuel will IGNITE.

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CANNING AIR SUPPLY

The air compressor you use to supply air to the CANNING can be very simple. The cheapest compressor available has adequate airflow and will empty a drum in minutes. High capacity 240v pumps are **NOT** to be used. The Tanami PRV regulates the pressure with low volume pumps. More volume / pressure from high capacity pumps will override the Tanami PRV. The Tanami PRV relief setting (5PSI) should be checked regularly.

Note: In certain conditions after 5 - 10 minutes of operation, the air compressor can be switched off. The remaining volume of air will push the rest of the fuel out of the drum. If needed restart compressor if switched off too early.

WARNING: the drum and CANNING must be kept clear (at least 4 meters) from the compressor when in operation. Any fumes or fuel spilt from the CANNING onto the compressor motor could cause a fire.

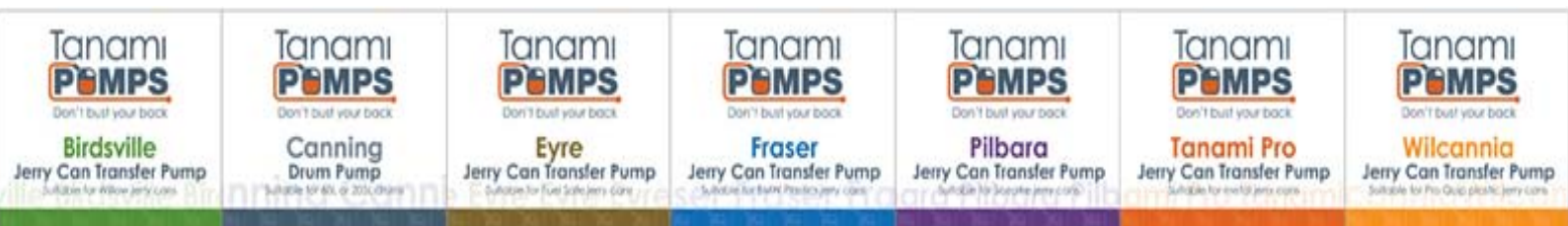
OPERATING INSTRUCTIONS

Ensure you read the SAFETY INSTRUCTIONS before operating the CANNING.

Testing the CANNING

- ➔ Find a clean empty 205lt / 60lt Drum in good condition to test your CANNING set-up for leaks.
- ➔ Fit your CANNING to an empty 205lt / 60lt Drum and secure firmly. This ensures an airtight seal. (The CANNING inlet pipe will sit just above the bottom of the Drum. On some Drums this pipe will have to be bent slightly or cut, so the lid sits securely on the Drum. If the bottom of the CANNING pipe touches the Drum, the lid will not sit firmly on the Drum).
- ➔ Block the end of the fuel hose.
- ➔ Attach the airline chuck from your compressor to the inlet valve of the CANNING.
- ➔ Wipe soapy water around the CANNING lid, outlet pipe, inlet valve, pressure relief valve and all joints and welds around the drum.
- ➔ Start your compressor.
- ➔ Pump 5-PSI into the drum and check for any leaks (bubbles) appearing. The 5-PSI can be achieved by blocking the outlet hose, then turning off the compressor when 5-PSI is attained. The Tanami PRV opens at approximately 5-PSI.
- ➔ **If there are any leaks then you CANNOT use the CANNING with your drum.**

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Operating the CANNING

- ➔ Ensure the 205lt / 60lt Drum and CANNING have no leaks, see *testing the CANNING*.
- ➔ Fit your CANNING to a full 205lt / 60lt Drum and secure firmly.
- ➔ If the 205lt / 60lt Drum is not earthed to your vehicle, attach an earth lead.
- ➔ Place the hose outlet into the fuel tank/reservoir inlet, being careful not to block the fuel flow.
- ➔ Attach the airline chuck from your compressor to the inlet valve of the CANNING.
- ➔ Start your compressor and adjust the pressure to 5-PSI if possible. If not the Tanami PRV will regulate the pressure.
- ➔ The fuel should start to flow into the tank. If your air compressor puts more than 5-PSI into the can, the Tanami PRV will open. This will regulate the pressure in the drum. When the drum is almost empty, the fuel line will start to shake from air bubbles (as air pressure overcomes fuel supply).
- ➔ **If you encounter a problem, pull the manual release on the Tanami PRV (this acts as an on/off valve). It releases air pressure inside the drum.**
- ➔ Turn the compressor off when you don't see any fuel travelling along the hose. This should take approximately 10 minutes. Then pull the manual release on the Tanami PRV.
- ➔ Remove the CANNING, and then lift it to allow any leftover fuel to travel through the hose into the tank / reservoir.
- ➔ Remove the hose from the tank and fit the end to the CANNING pipe. Coil it up and store it away in a safe place.

Safety: Operating the CANNING outside of these written parameters is unsafe and could cause accidents. A thorough understanding of AS2906 is recommended. The supplier will in no event be liable for any direct, indirect, special, incidental or consequential damages for breach of any warranties, express or implied in fact or by law whatsoever, and its liability under no circumstances will exceed the purchase price of the product.

www.tanamipump.com.au

