



Operator's Product HandBook

WeedControl™

12v Spot Sprayer



“HELPING TO DEVELOP AND PROTECT THE LAND”

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Disclaimer

All information, illustrations, and specifications contained in this manual are based on the latest product information available at the time of this publication's printing. TransTank International (TTi) reserves the right to alter and substitute specifications and methods at any time, in line with our commitment to continuous improvement.

No patent liability is assumed with respect to the use of information contained within this manual. While every precaution has been taken in the preparation of this manual, TTi assumes no responsibility for errors or omissions.

Thank you for purchasing a TTi WeedControl Spot Sprayer (WeedControl) trailer kit, which will provide many years of reliable service when operated and maintained in accordance with this manual.

TTi manufacture a range of WeedControl units, with either a 150 or 225 litre tanks, supplied with a 12-volt electric pump, hose and spray boom options. This manual describes the optional trailer kit applicable to all units.

TTi warrants that the WeedControl trailer kit has been designed and built specifically for the WeedControl unit for its intended purpose as a water or pesticide/herbicide spray unit.

The owner is responsible to ensure that the equipment is operated in accordance with this manual, with Australian WorkSafe requirements, applicable road rules and local council regulations. TTi is not liable for any loss, injury or death resulting from the failure to observe all safe working regulations as required by law.

Included with your WeedControl trailer kit is this Operator's Handbook (this manual, which includes the Warranty Registration Card).

Safety

This manual is intended for use by personnel experienced in the use of this and similar equipment. Read and understand this manual before attempting to operate or perform routine maintenance on this equipment. Your safety is of prime priority.



A WARNING highlights an essential operating or maintenance procedure, practice, condition or statement, which, if not strictly observed, could result in injury or death of personnel, or long-term health hazards.



A CAUTION highlights an essential operating or maintenance procedure, practice, condition or statement, which, if not observed, could result in damage or destruction of equipment.



A NOTE highlights or clarifies an essential systems description, operating or maintenance procedure, condition or statement.

General Safety Instructions

1. This trailer kit is designed and manufactured solely for the purpose of carrying the WeedControl Spot Sprayer unit. Under no circumstances should it be used for any other purpose.
2. Only authorised and trained personnel are to operate this equipment. Operators must have read and fully understood this manual before operating the WeedControl unit.
3. Do not operate this equipment while under the influence of alcohol or any drugs that could impair your capabilities in any way.
4. Ensure the capacity of the vehicle is suitable for the loaded mass of the WeedControl unit. Refer to the vehicle's operator manual for safe working loads, correct securing points and relevant safety instructions. Do not exceed the carrying and braking capacity as specified by the vehicle manufacturer. As a guide, one litre of water weighs one kilogram (kg), therefore a full 150 litre WeedControl unit will weigh in excess of 200 kg.
5. The unit must be securely coupled to the tow vehicle. Ensure all fasteners are tightened and secure before operation.
6. Care should be taken at all times, particularly when operating on rough or steep terrain. Drivers should be aware of fluid surge affecting the vehicle's centre of gravity.
7. Any unauthorised modifications to this equipment may affect its function and create a serious safety risk. Any unauthorised modifications will void any warranty on the unit.

General Information

Specifications

Skid Frame Kit	Powder-coated steel frame
	Tie-down brackets
	Tie-down straps
	Spray hose stand
Trailer Kit	Steel axle with 4-stud hubs
	Steel wheels with pneumatic tyres
	Steel drawbar with hitch
	Spray Boom mounting frame

Description

The TTi WeedControl trailer kit is designed to carry your WeedControl Spot Sprayer unit to distribute herbicides, pesticides or water, refer to Figure 1. The WeedControl trailer kit is suitable for both 150 litre and 225 litre WeedControl Spot Sprayer units.



Figure 1 – WeedControl Spot Sprayer on trailer kit (optional spray boom shown)

The WeedControl trailer kit has the following features, refer to Figure 2.

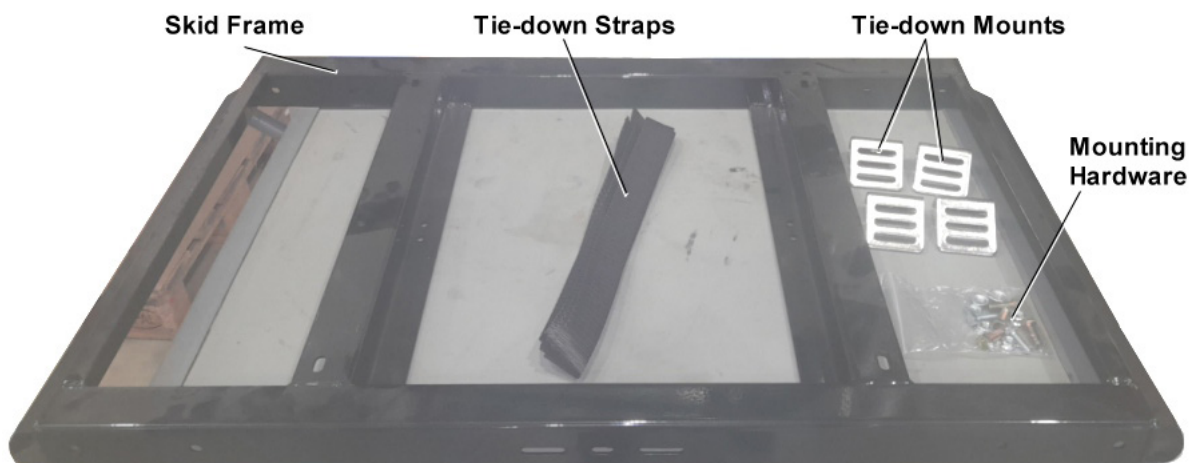


Figure 2 – Component Identification – Skid Frame Kit (hose stand not shown)

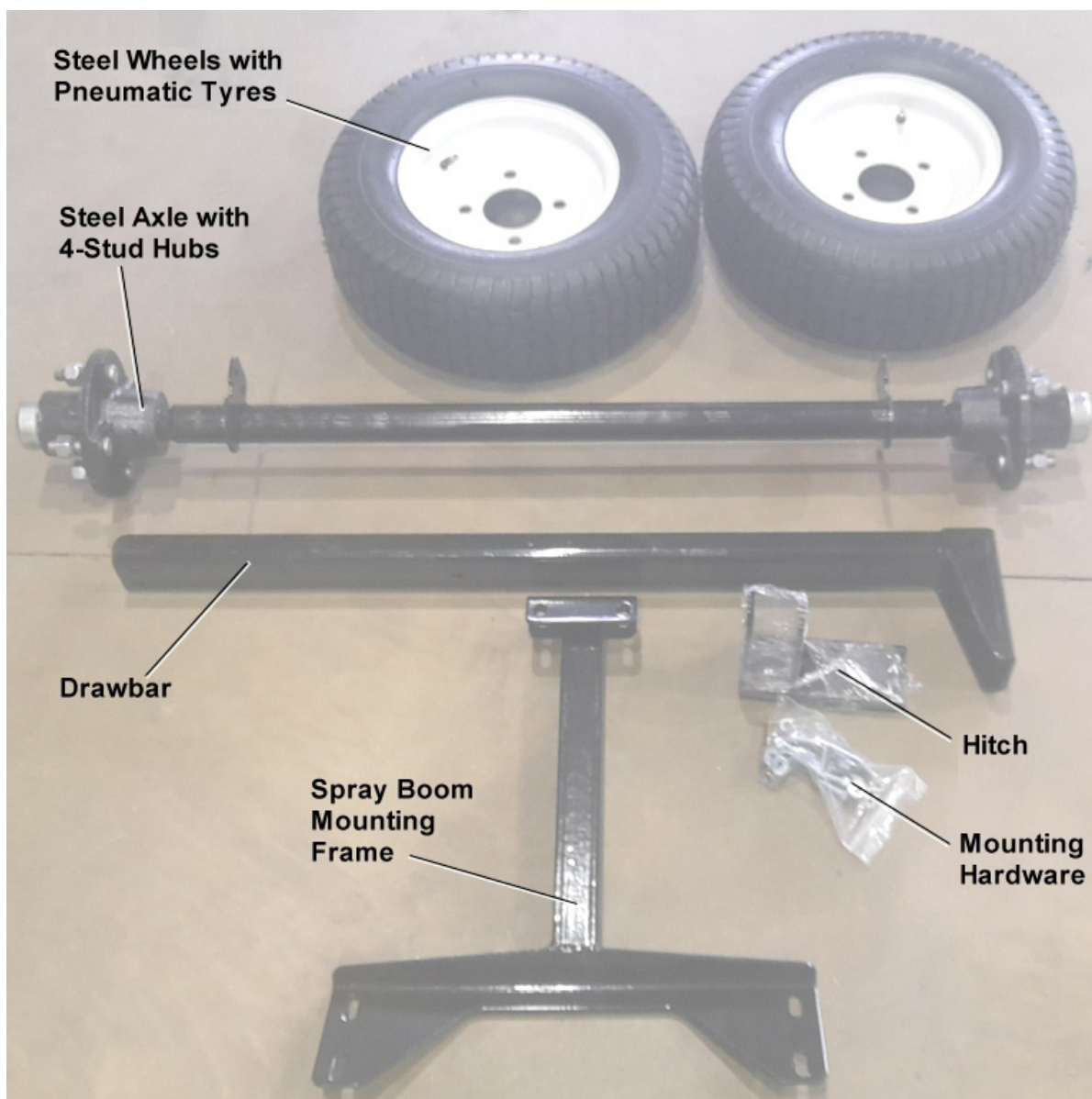


Figure 3 – Component Identification – Trailer Kit

Skid Frame Kit

The skid frame is fully fabricated steel with a durable black powder-coated finish. The nylon webbing used to secure the WeedControl Spot Sprayer tank locks into the steel tie-down mounts.

Trailer Kit

The trailer kit comprises an axle with a roller bearing, 4-stud hub at each end, a drawbar and spray boom mounting frame.

Machine Limitations

The WeedControl trailer is subject to operating limitations. It is the operator's responsibility to ensure that this equipment is being operated safely and within these limitations.

Driving Stability

The WeedControl unit is heavy when filled with fluid. To maintain stability while operating this unit:

- Ensure the vehicle tyres are inflated to their correct pressure at all times. Underinflated tyres can cause excessive lateral motion of the tyre, which may cause a rollover.
- Allow extra room for braking and turning when the tank is full.
- Ensure any side gradient (slope) is accounted for, especially when the WeedControl tank is full, as the vehicle may have a higher centre of gravity.

Assembly Instructions

Preliminary Tasks

Unpack the skid frame kit and the trailer kit, ensuring all components are included. These are:

- **Skid frame kit –**
 - » Skid frame
 - » Hose stand
 - » Tie-down straps (2)
 - » Tie-down mounts (4)
 - » Mounting hardware.
- **Trailer kit –**
 - » Steel wheels with tyres (2)
 - » Axle, complete with hubs and wheel nuts
 - » Drawbar

- » Coupling
- » Spray boom mounting frame
- » Mounting hardware.

Trailer Assembly



NOTE: Where the WeedControl Spot Sprayer has previously been supplied with the skid frame kit, the trailer kit will need to be assembled under the skid frame with the tank already mounted.

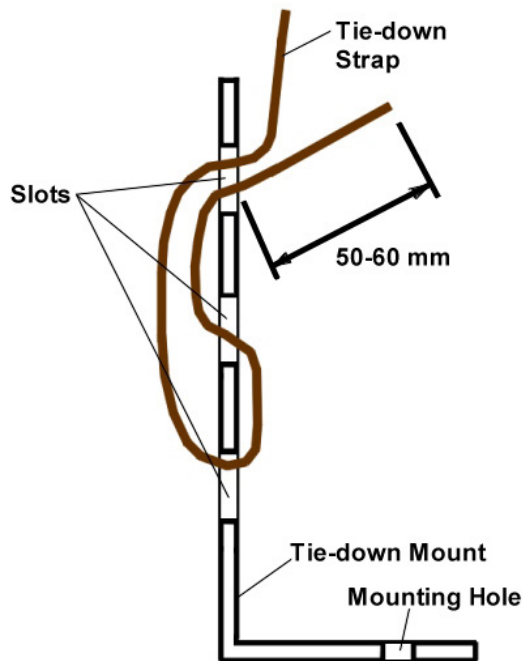
With the skid frame kit and trailer kit unpacked, assemble as follows, referring to Figure 2 and Figure 3:

1. Turn the skid frame upside down and lower the axle onto it.
2. Align the axle's mounting brackets to the slotted holes on either side of the skid frame.

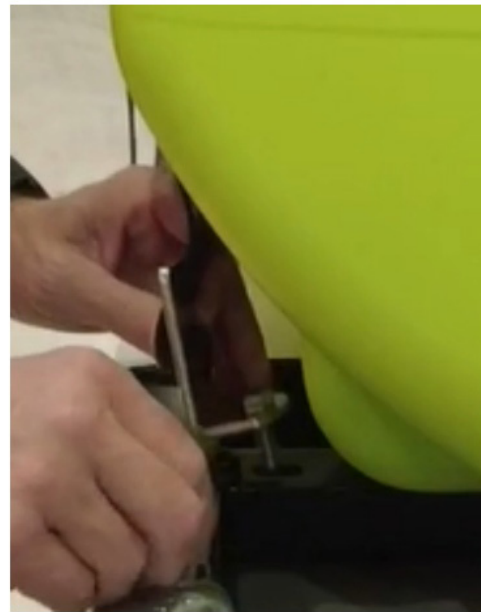


CAUTION: The mounting hardware must be correctly secured and firmly tightened.

3. Install and tighten the mounting bolts, washers and nuts, ensuring they are fastened securely.
4. Position the drawbar and install and tighten the mounting bolts, washers and nuts, ensuring they are fastened securely.
5. Turn the trailer assembly over so it is the right way up.
6. Remove the wheel stud nuts from the axle hubs.
7. Install each wheel and fit the wheel nuts. Tighten the wheel nuts securely in a cross-wise manner, i.e., stud 1, then stud 3, stud 2 and stud 4.
8. At the front of the drawbar, mount the upper and lower hitch plates. Tighten the mounting bolts and nuts securely.
9. Carefully lift the WeedControl Spot Sprayer tank and position onto the trailer frame.
10. Feed one end of a tie-down strap through the upper slot of a tie-down mount, as shown in Figure 4, Step 1. Thread the strap through the lower slot. Scan here to watch a video tutorial for installing the straps. [INSERT QR CODE <https://www.tti.com.au/2023/08/how-to-install-straps-on-weedcontrol-skid/>]
11. Pull sufficient strap through to feed it back through the middle slot, then back through the upper slot. Pull the strap tight through the tie-down mount such that there is approximately 50 to 60 mm of strap left.



Step 1



Step 2

Figure 4 – Tie-down Strap Arrangement

12. Insert a bolt through the tie-down mount, then locate it in the hole on the skid frame, see Figure 4, Step 2.
13. Fit a nut to the bolt and do it up loosely such that there is 3-4 mm left to tighten.
14. Pass the tie-down strap over the tank and repeat steps 10 and 11 to thread the strap onto the second tie-down mount.
15. Repeat steps 12 and 13 to loosely secure the second tie-down mount. The tie-down strap should now be reasonably firm over the tank.
16. Using a spanner, tighten each tie-down mount in turn. This will tighten the strap, securing the tank firmly to the skid frame.
17. Repeat steps 10 to 16 to fit the second tie-down strap over the WeedControl tank.
18. At the front of the trailer, position the hose stand and install the mounting bolts and nuts, ensuring they are securely fastened.
19. At the rear of the trailer, position the spray boom mounting frame, if required. Install the mounting bolts and nuts, ensuring they are securely fastened.

The WeedControl Spot Spray unit is now ready to be connected to a suitable tow vehicle.

Before first use

Your WeedControl Spray Unit is ready to be connected to the vehicle. Before use, it needs to be set up using the following instructions:

1. Complete the warranty registration online at www.tti.com.au/warranty-registration, or use the Warranty Registration Card at the back of this handbook.



WARNING: The operator must fully understand all aspects of this handbook. Do not operate the WeedControl if you are unfamiliar with its operation until you have read this handbook.

2. Read and thoroughly understand this handbook, and the WeedControl Spot Sprayer handbook, paying particular attention to all safety requirements, before using the unit for the first time.
3. Position the tow hitch into the vehicle's tow point and secure with the pivot pin. Ensure the pivot pin is fitted with a spring clip lock to prevent disengagement while moving.

Maintenance

Your WeedControl Spot Sprayer trailer requires minimal maintenance but regular cleaning and checks will ensure safe and reliable service over its lifetime. Periodic checks and inspections will identify any potential issues, enabling timely rectification and minimising downtime.

Periodic Checks

The following checks and cleaning operations should be undertaken on a regular basis (at least annually). The frequency of these activities will depend on the nature of the operating environment and the operational hours of the Storm unit.

1. Clean the unit and inspect it for any signs of damage or wear. Replace any safety labels if they are damaged or illegible.
2. Check all fittings are firmly secured, tighten if necessary.

Maintenance Schedule

The following tasks are to be conducted in accordance with each of the schedules. All scheduled tasks are to be undertaken concurrently. For example, at the three month maintenance interval, all tasks listed are to be undertaken, in addition to the daily, weekly and monthly tasks.



NOTE: Maintenance is important. Keep a record of all maintenance tasks conducted on the WeedControl Spot Sprayer trailer.

TTi recommends photocopying these schedules in order to keep a detailed log of all maintenance tasks. A copy of these schedules will be required to support any warranty claim.

Daily tasks

The following tasks are to be undertaken daily, or prior to each use, of the WeedControl unit.

#	Task	Notes
1	Inspect the WeedControl unit for any signs of damage or wear	Clean, repair or replace

Weekly tasks

The following tasks are to be undertaken each week or 10 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily tasks		

Monthly tasks

The following tasks are to be undertaken each month or 20 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily and Weekly tasks		
2	Check tyre pressures are 36psi (248kPa or 2.48 Bar)		
3	Visually inspect tyres for wear or damage		
4	Check wheel nut tension		

Three Monthly tasks

The following tasks are to be undertaken every three months or 50 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily, Weekly and Monthly tasks		

Six Monthly tasks

The following tasks are to be undertaken each week or 10 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily, Weekly, Monthly and 3-Monthly tasks		

Twelve Monthly tasks

The following tasks are to be undertaken every twelve months or 200 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily, Weekly, Monthly, 3-Monthly & 6-Monthly tasks		

Two-Yearly tasks

The following tasks are to be undertaken every 24 months or 500 operating hours, whichever occurs first.

#	Task	Date	Signed
1	All Daily, Weekly, Monthly, 3-Monthly, 6-Monthly and 12-Monthly tasks		
2	Change pump oil		

Warranty

Your rights under the law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

About this document

This document sets out the terms of the defects warranty that we offer to retail purchasers of our goods, including components, parts, and accessories (referred to as “products” in this document). We offer this defects warranty in addition to the consumer guarantees referred to above. Nothing in this document excludes or reduces your rights under those consumer guarantees.

What this warranty covers

This warranty covers defects in materials or workmanship (or both) which are found to be present in our products, other than the defects in the parts and components listed below.

What this warranty does not cover

This warranty does not cover defects or damage caused by your negligence, your failure to follow instructions (including incorrect assembly or mounting by you), or the improper use, maintenance, or abuse of the products.

This warranty does not cover engines, gearboxes, pumps, or regulators. These come with separate warranties from their manufacturers. By offering this defects warranty, we do not assume any additional obligations or liability on behalf of those manufacturers beyond what we must do to comply with the consumer guarantees referred to above.

How long this warranty lasts for

Except in the case of products used for rental purposes, the period of our defects warranty is as follows for our various products:

Tanks (non-diesel), excluding frames	25 Years
Steel frames	5 Years
Other TTI Manufactured Components	1 Year

This warranty lasts for one year from the date of your retail purchase of the products, unless it is used for rental purposes, in which case this warranty is limited to 90 days.

What we will do if you make a claim under this warranty

If you make a claim under this warranty, we will consider it in good faith. If we agree that the products are covered by this warranty and are defective, we will either (at our option) repair or replace them without charge to you.

What you must do (and not do) to entitle you to a claim under this warranty

You must be able to provide proof of purchase, either by providing details of your warranty registration or a purchase receipt.

You must not repair or modify (or allow the repair or modification of) the products without prior authorisation from us. Further, you must not use any non-genuine parts with the products. Doing any of these things will void this defects warranty.

How to make a claim under this warranty

If you believe that you have a claim under this warranty, please contact your reseller, or contact us using the following details:

Name:	Trans Tank International
Postal Address:	PO Box 137 Nathalia, VIC, 3683
Physical Address:	Murray Valley Highway, Nathalia, VIC, 3638
Phone:	1800 816 277
Email:	ProductSupport@tti.com.au

You must make the defective products available for inspection by returning them to us, and (if requested to do so) by making them available for inspection by us on site beforehand. You must ensure that the products are made safe for transportation and inspection, including by cleaning them thoroughly to remove any chemical residues. All returned products must be accompanied by a completed Return Goods Note. Please contact us using the details displayed above for a copy of this document.

Who is responsible for expenses for claims made under this warranty

You are responsible for any expenses associated with the warranty claim, including transportation, charges made for service calls, and clean-up time.



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SCAN HERE!

1800 816 277

sales@tti.com.au

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Murray Valley Hwy, Nathalia, VIC 3638

Proudly Built By:

Signature

Date

Quality Checked By:

Signature

Date

www.tti.com.au