

In-Ex Fieldjet

(Leaflet 2400-0826 Issue 3, May 2018)

SAFETY PRECAUTIONS

AN IMPORTANT MESSAGE FOR OWNERS & OPERATORS OF In-Ex ATTACHMENTS/ACCESSORIES

Be warned of the dangers of loading your vehicle in excess of its carrying capacity.

It is important to understand that any loads or attachments whether fastened to or placed on a vehicle will alter the stability or handling characteristics of that vehicle.

Spray tanks or other equipment must be filled only to a level where the gross weight is within the load limit of the vehicle.

Safety is a primary concern in the design, manufacture, sale, and use of spray tanks and other equipment. As manufacturers of spray tanks and other equipment we want to confirm to you, our customers, our concern for safety. We take this opportunity to remind you about the simple, basic and common sense rules of safety when using spray tanks and other equipment. Failure to follow these rules can result in severe injury or death to operators and bystanders.

It is essential that everyone involved in the assembly, operation, transport, maintenance and storage of this equipment be aware, concerned, prudent and properly trained in safety.

This also applies to equipment that is loaned or rented to someone who has not read the owner's manual and is not familiar with the operation of application equipment.

- NEVER EXCEED THE LOAD LIMIT CAPACITY OF THE TRACTOR OR OTHER VEHICLE.
- ALL TRACTOR AND TRAILED EQUIPMENT TYRES SHOULD BE INFLATED TO MANUFACTURERS RECOMMENDED OPERATING PRESSURES.
- PLEASE NOTE THAT FILLING THE SPRAY TANK OR OTHER EQUIPMENT COMPLETELY AND OR THE ATTACHMENT OF ADDITIONAL EQUIPMENT TO THE TRACTOR MAY EXCEED THE TRACTOR'S MAXIMUM LOAD CAPACITY, AND ADVERSELY AFFECT THE STABILITY OF THE TRACTOR OR OTHER VEHICLE.
- CARGO SHOULD BE PROPERLY DISTRIBUTED AND SECURELY ATTACHED.
- REDUCE SPEED WHEN CARRYING CARGO OR PULLING A TRAILER OR TRAILED APPLICATION EQUIPMENT AND ALLOW GREATER DISTANCE FOR BRAKING.
- NEVER ALLOW ANYONE TO RIDE ON YOUR SPRAYER OR OTHER EQUIPMENT.
- ALWAYS FOLLOW THE INSTRUCTIONS IN THE OWNER'S VEHICLE MANUAL FOR CARRYING CARGO OR PULLING A TRAILER.
- PROPER MAINTENANCE IN LINE WITH MANUFACTURER'S RECOMMENDED MAINTENANCE PROCEDURES IS ESSENTIAL.
- BEFORE APPLYING CHEMICALS, READ THE LABEL OF THE CHEMICAL MANUFACTURER OR SUPPLIER FOR PERSONAL PROTECTIVE EQUIPMENT AND OPERATE AS RECOMMENDED.

THE SAFETY OF ALL CHEMICALS USED IN AGRICULTURE IS UNDER THE JURISDICTION OF A GOVERNMENT AGENCY, IE N.Z. MINISTRY FOR THE ENVIRONMENT.

CAUTIONS, WARNINGS and NOTES

Throughout this document, text has been highlighted as warnings, cautions and notes.

Warnings are mandatory instructions. Failure to comply with these instructions may result in injury or damage.

Cautions are advisory. Failure to comply may result in poor operation or premature failure.

Notes are to assist with convenient operation of the equipment.

SAFETY

Before attempting to install or operate the equipment, read and understand the manual thoroughly. Failure to comply with this instruction constitutes improper use and will invalidate the warranty.

Before using your pesticide, STOP, Read The Label

Mixing pesticides is a most dangerous time as it involves handling the concentrated material. For toxic compounds, use protective clothing such as overalls, hat, gloves, boots and respirator.

When using concentrated sprays, full protection is necessary.

When using diluted sprays, wear a hat, long-sleeved cotton overalls, and boots. If you use pesticides regularly, it is a good idea to always wear a respirator to avoid cumulative effect.

Other protection may be required. Check the label. It may have specific directions for the particular chemical.

Protective clothing should be properly cared for. Rinse heavily contaminated clothes in the open before washing in the laundry.

Wash and dry protective clothing every day, but keep them separate from other washing.

Respirators need special care. Clean your respirator after spraying. Use soapy water then rinse and allow drying completely before storing in a clean plastic bag. Replace canisters in respirator after eight hours use.

WARNING

To reduce the chance of VEHICLE instability, exercise EXTREME care while spraying on a slope or hillside.

DESCRIPTION

The InEx FieldJet nozzle is typically used to spray areas not accessible with a boom sprayer. Its one-piece nozzle design projects spray to both sides to form a wide swath flat spray. The round orifice minimizes clogging.

ORDER INFORMATION

Fieldjet suitable for mounting to ATV carrier frame		
Order	In-Ex ATV Fieldjet Kit	Pt.No. 1077

Fieldjet suitable for mounting to InEx 200/400L Sprayer		
Order	In-Ex Fieldjet Kit 200L	Pt.No. 1084

WARRANTY

1 WARRANTY AND LIABILITY

Use of the equipment

- 1.1 You must satisfy yourself as to the suitability of the equipment for your intended use(s) of the equipment.

Your relationship with the retailer

- 1.2 Where you consider you have a warranty claim (or any other claim) in relation to the equipment, you must contact the retailer who sold you the equipment, not C-Dax directly. The retailer is responsible for liaising with C-Dax in respect of your claim.

Warranty

- 1.3 C-Dax warrants to the original purchaser that the equipment is sold free from defects in materials and workmanship for a period of 12 months from date of first retail sale (6 months from date of first retail sale if the equipment is sold in the U.K.) subject to the terms set out below.

- 1.4 C-Dax will at its option repair or replace the defective equipment (or part of the equipment) or notify the retailer of the equipment to refund the purchase price for such defective equipment to you in the event of a breach of this warranty, subject to the terms set out below.

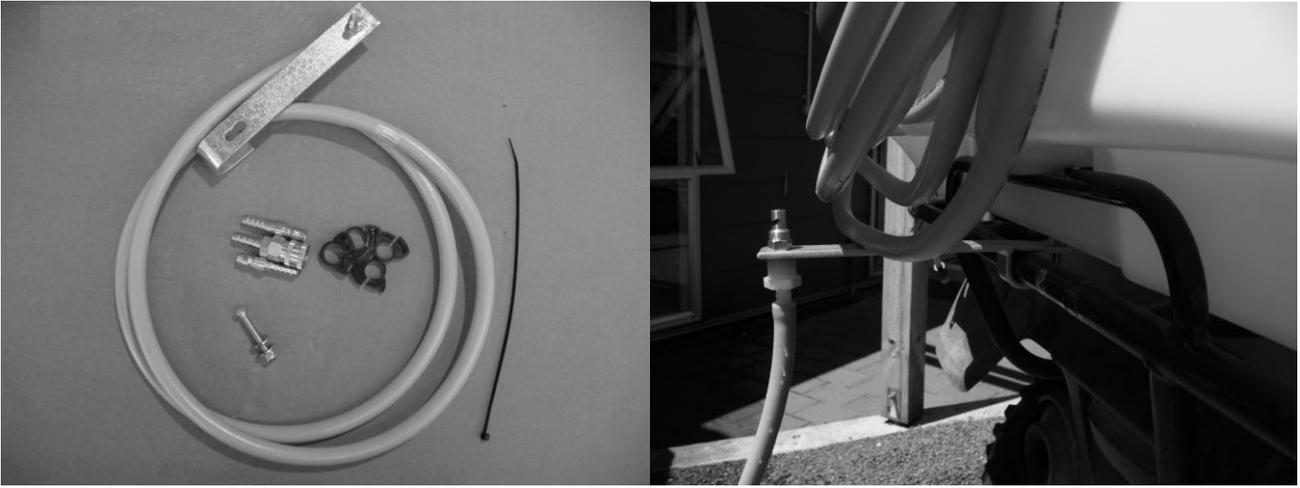
Liability

- 1.5 Except for the warranty set out in clause 1.2 above, all warranties and representations (including those expressed or implied by law) in respect of the equipment or advice relating to the equipment provided to you by C-Dax are excluded to the extent permitted by law.
- 1.6 Notwithstanding anything else in this manual, C-Dax's maximum liability to you (in the event that such liability exists) in respect of any breach of warranty, any matter set out in this manual, or for defective equipment or advice relating to the equipment provided is limited at C-Dax's option to:
- (a) repairing or replacing the equipment (or part of the equipment); or
 - (b) notifying the retailer of the equipment to refund the price for the equipment paid by you.
- 1.7 Notwithstanding anything else in this manual, in no event will C-Dax be liable, whether in contract, tort (including negligence) or otherwise:
- (a) where you have altered or modified the equipment, misused or misapplied the equipment, or the equipment has been subjected to any unusual, excessive or non-recommended use, service or handling (including as set out in this manual);
 - (b) where the equipment is not transported, stored, handled or used in accordance with any directions given by C-Dax (or the retailer) to you (including as set out in this manual);
 - (c) where the equipment:
 - (i) has been subject to neglect, accident or hireage, or the damage arises from fair wear and tear, battery damage or chemical attack;
 - (ii) has been built to a customer's specifications; or
 - (iii) has been dismantled, repaired or serviced other than by an authorised service agent of C-Dax;
 - (d) for loss or damage caused by any factors beyond C-Dax's control; or
 - (e) for any loss of profit or revenue, or for any special, indirect, incidental or consequential damage, loss or injury of any kind suffered by you.
- 1.8 Where C-Dax elects to repair or replace the equipment it will use reasonable endeavours to do so as soon as practicable but will not be liable for any delay in doing so.
- 1.9 You agree that the transactions entered into between you and the retailer (and C-Dax) are for the purposes of trade and that, having regard to all relevant circumstances of the transactions, it is fair and reasonable that the provisions of the Consumer Guarantees Act 1993 (NZ) do not apply to those transactions to the fullest extent permitted by law.

BOOM INSTALLATION

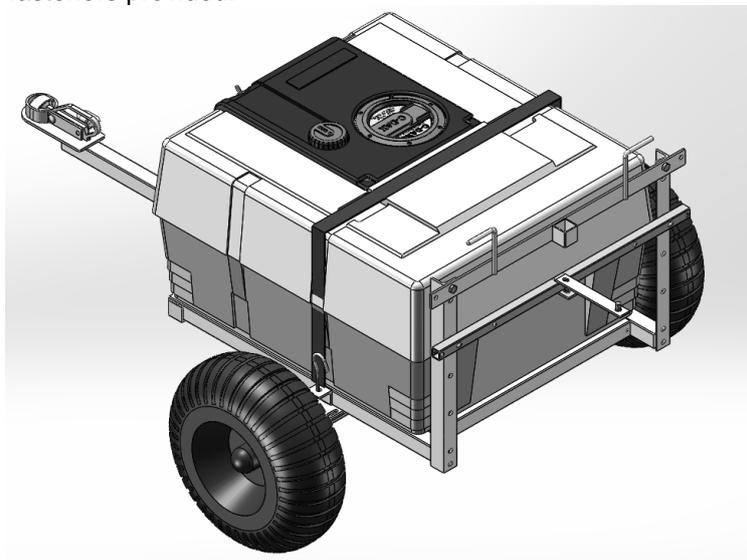
ATV

Fit the nozzle "J" bracket to the rear carrier as shown below. Secure the bracket using fasteners provided. Always consult your ATV manufacturers' literature regarding carrier loading rules and limits



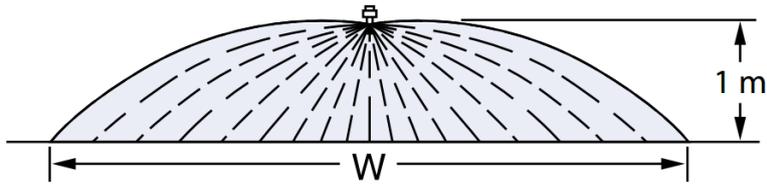
InEx 200/400L Sprayer

Fit the cross bracket to rear of the sprayer frame. Fit the nozzle "J" bracket to the rear carrier as shown below. Secure all brackets using fasteners provided.



Spray Height

Recommended boom height above the **target** is 1m.



Plumbing

Connect the female valve quick coupler to the outlet hose from your spray unit, secure with hose clamps provided. Connect the male quick coupler to the delivery line to your Fieldjet nozzle. Secure with hose clamps provided.

MAINTENANCE

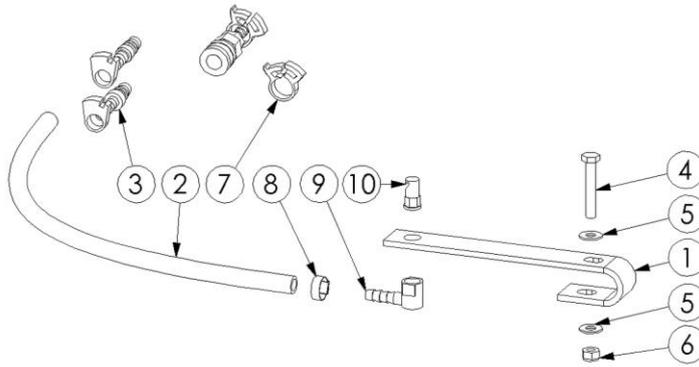
After Use

At the end of spraying, flush the system three times with fresh water. Finish with a final rinse using a neutralizing rinse.

APPLICATION RATE FOR FIELDJET BROADCAST NOZZLE

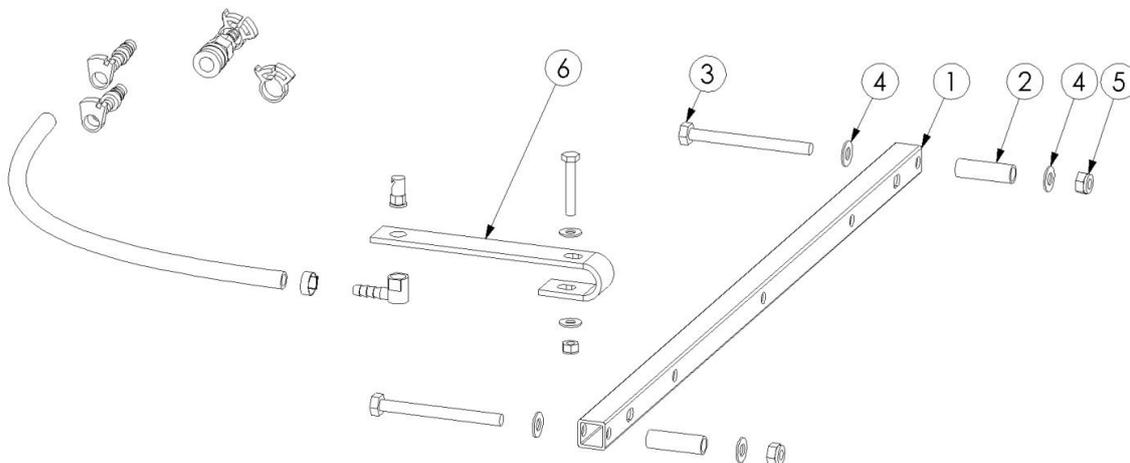
 1/4-KLC-9	 bar	CAPACITY ONE NOZZLE IN l/min	"W" IN meters	l/ha			
				3 km/h	4 km/h	5 km/h	6 km/h
	0.7	3.43	4.9	140	105	84.0	70.0
	1.0	4.10	5.5	149	112	89.5	74.5
	2.0	5.80	5.8	200	150	120	100
	3.0	7.10	6.4	222	166	133	111
				l/ha			
				8 km/h	10 km/h	12 km/h	
				52.5	42.0	35.0	
				55.9	44.7	37.3	
				75.0	60.0	50.0	
				83.2	66.6	55.5	

1077 - In-Ex ATV Fieldjet Kit Parts Diagram and Parts List



Item No.	QTY.	e9 part no	e9 description
1	1	1300-6000	Bracket-Mount-Fieldjet-J Type-ZP
2	1	4100-0010	Hose-Spray-Delivery-40 Bar-10mm ID-Yellow (2m)
3	1	4500-2200	Kit-Dry Break-8.5x10-Quick Coupler-Brass
4	1	3290-0850	Fastener-Set Screw-Hex-8.8 Grade-M8x50-ZP
5	2	3310-6008	Fastener-Washer-Flat-M8-ZP
6	1	3170-0008	Fastener-Nut-Nyloc-M8-ZP
7	1	2000-0015	Clamp-Hose-Herbi-F-Ratchet-15.0<>17.1mm-Black-Nylon
8	1	2000-2015	Clamp-Hose-Oetiker-Single Ear Stepless-15.3<>18.5mm-S/S
9	1	6200-9310	Pipe-Fitting-Teejet-Elbow-10 Shankx1/4NPTF-Black-Nylon
10	1	5300-8900	Nozzle-Tip-Teejet-KLC9-Brass

1084 – In-Ex 200 Fieldjet Kit Parts Diagram and Parts List



Item No.	QTY.	e9 part no	e9 description
1	1	5245-4300	Mount-3PL-Hose Reel/6A/Fieldjet T-ZP
2	2	8100-1200	Spacer-ATV Boom-EWST-16x2x50LG-ZP
3	2	2840-1110	Fastener-Bolt&Nut-Hex-8.8 Grade-M10x110-ZP
4	4	3310-6010	Fastener-Washer-Flat-M10-ZP
5	2	3170-0010	Fastener-Nut-Nyloc-M10-ZP
6	1	1077	In-Ex ATV Fieldjet Kit