

NAVADAN ULTIMATE KIT

Product number: 2009029

User manual



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1. Introduction

Read this manual carefully before operation of Navadan Ultimate Kit.

It's the responsibility of the employer to ensure this manual is read by the operator. Please preserve this manual.

2. Inventory list

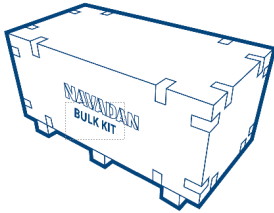
Kit Box / Container

Kit Content:

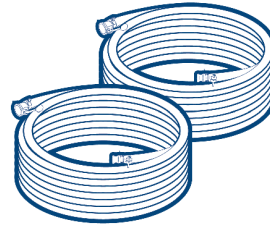
Item	Qty	Unit	Part no.	Description:
2	1	pc	-	Chemical diaphragm pump with fittings (1")
3	1	pc	-	Acid resistant spray lance (2,45 mtrs. length) with fittings and nozzle (3 pipes)
4	1	pc	-	Suction hose (2,45 mtrs. length) with fitting
5	1	pc	-	PVC suction pipe for drum
6	2	pcs	-	Delivery hose (25 mtrs. each) with fittings for chemical usage
7	1	pc	-	Air hose 3/4" diameter with standard air couplings (15,24 mtrs. length)
8	2	pcs	-	Full face masks
9	2	pcs	-	Half face masks
10	12	sets	-	Filter cartridge for masks
11	4	paris	-	Chemical protection suits (Green)
12	4	pairs	-	Chemical resistant gloves
13	4	roll	-	Duct tape
14	1	pc	-	Foam lance with fittings (3,50 mtrs. length) (3 pipes)
15	1	pc	-	Air foam connector
16	1	pc	-	3-way air divider
17	1	pc	-	Gold End Teflon tape
18	2	pc	-	Hoses 1/2" for foam gun (25 mtrs. each)

3. Inventory List - Pictures

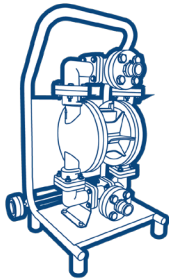
Item 1: Plywood box for transport & storage



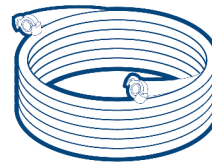
Item 5: Pole Gun (2x150cm)



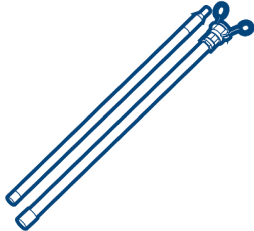
Item 1: Wooden box for storage



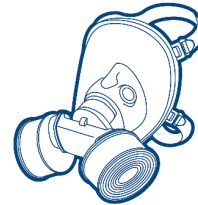
Item 6: 2x 25 mtrs. delivery hoses



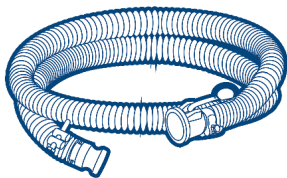
Item 2: Chemical diaphragm pump



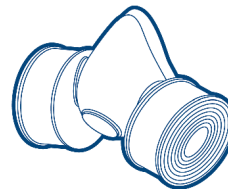
Item 7: Air hose 3/4" 15,24 mtrs.



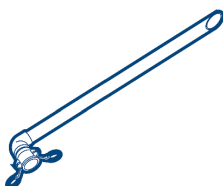
Item 3: Acid resistant spray lance



Item 8: 2 x full face masks



Item 4: Suction hose



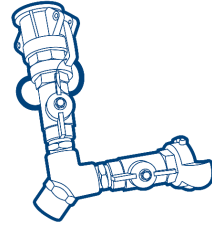
Item 9: 2 x half face masks



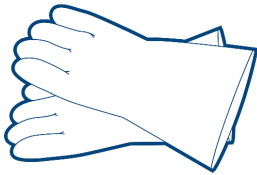
Item 11: 4 x chemical protection suits



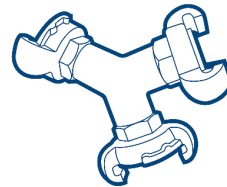
Item 15: Air foam connector



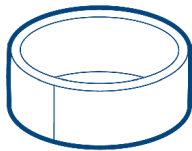
Item 12: 4 x chemical resistant gloves



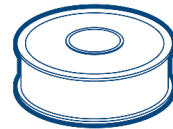
Item 16: 3-way air divider



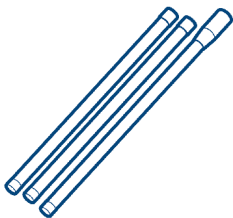
Item 13: Duct tape



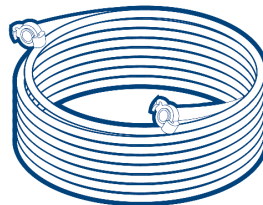
Item 17: Gold End Teflon tape



Item 14: Foam lance



Item 18: 2 x air hoses 1/2" 25 mrts. for Foam Gun



4. Instructions

How do I keep the Navadan Ultimate Kit working properly?

Always

- Keep equipment clean and check for wear
- Check suction and discharge of air pump for it's functionality
- Check for worn out items - replace if any found
- Make sure on assembly and disassembly that no parts are missing from the safety masks
- If safety package with chemical filters has been opened they must be used the same day

After every usage / Operation

- Test all equipment
- Wash pump, hoses and spray gun with fresh water for 2 minutes
- Replace filters for safety masks
- Check chemical suits and gloves for wear - raplace if needed
- Clean the safety masks thoroughly - replace if any parts have been broken
- Carefully pack the equipment back into the Cleaning Kit box



To ease the immediate replacement of the worn parts, Navadan Ultimate Kit consists almost exclusively of standard items, which are available most places around the world.

If I have problems what do I do?

- If the discharge side does not give the appropriate pressure (100-120 PSI) check if inlet and outlet have been blocked by foreign material
- Check that the suction hoses are without holes and blockages
- Check if the air pressure from the compressor to the air pump is minimum 80-100 PSI

What should I do to clean it?

Undertake the following general cleaning measures to protect and extend the usage of the Navadan Ultimate Kit:

Clean the safety masks thoroughly

Clean acid resistance spray gun with fresh water

Clean foam gun and connector with fresh water

Clean the chemical hoses with fresh water

Clean the chemical pump with fresh water

**Always remember:**

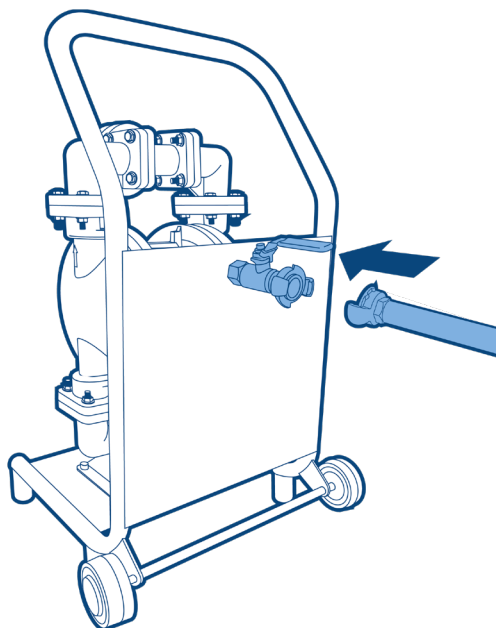
NO safety part must be missing from the safety masks.
This is an extremely important and life threatening issue!

5. Assembly Instructions

Before starting: Tighten all nuts and bolts

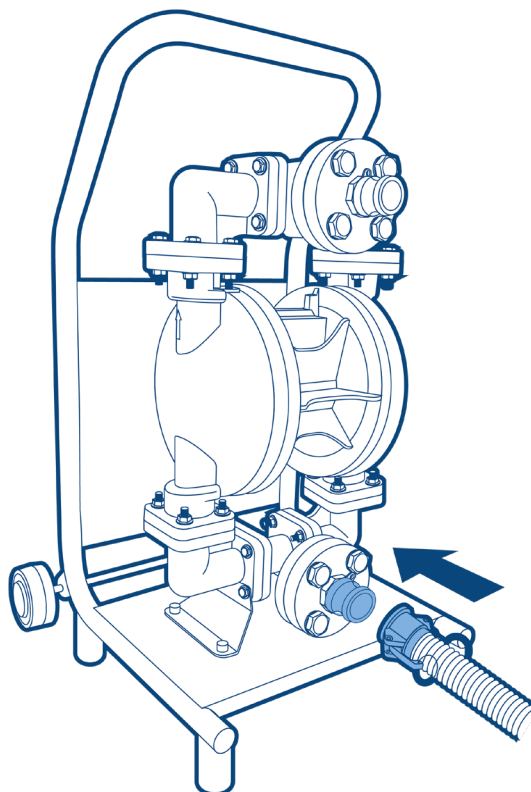
Step
1

Connect Ship's Air Supply to Chemical Pump with Air Hose



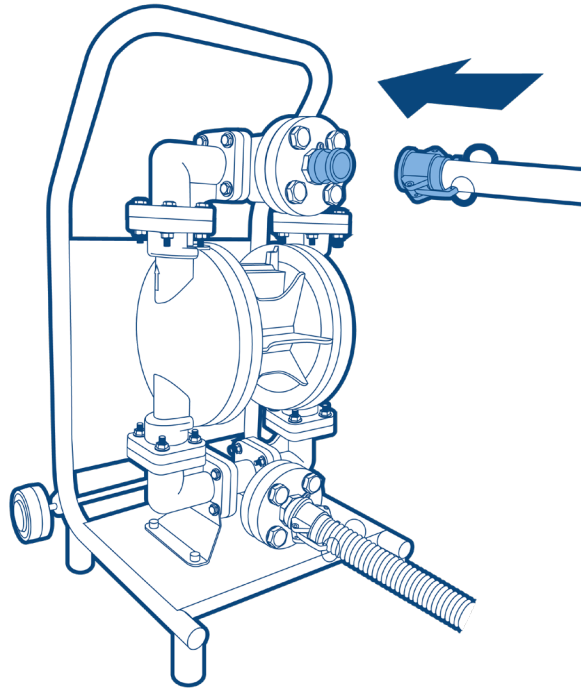
Step
2

Connect Suction Hose to Chemical Pump

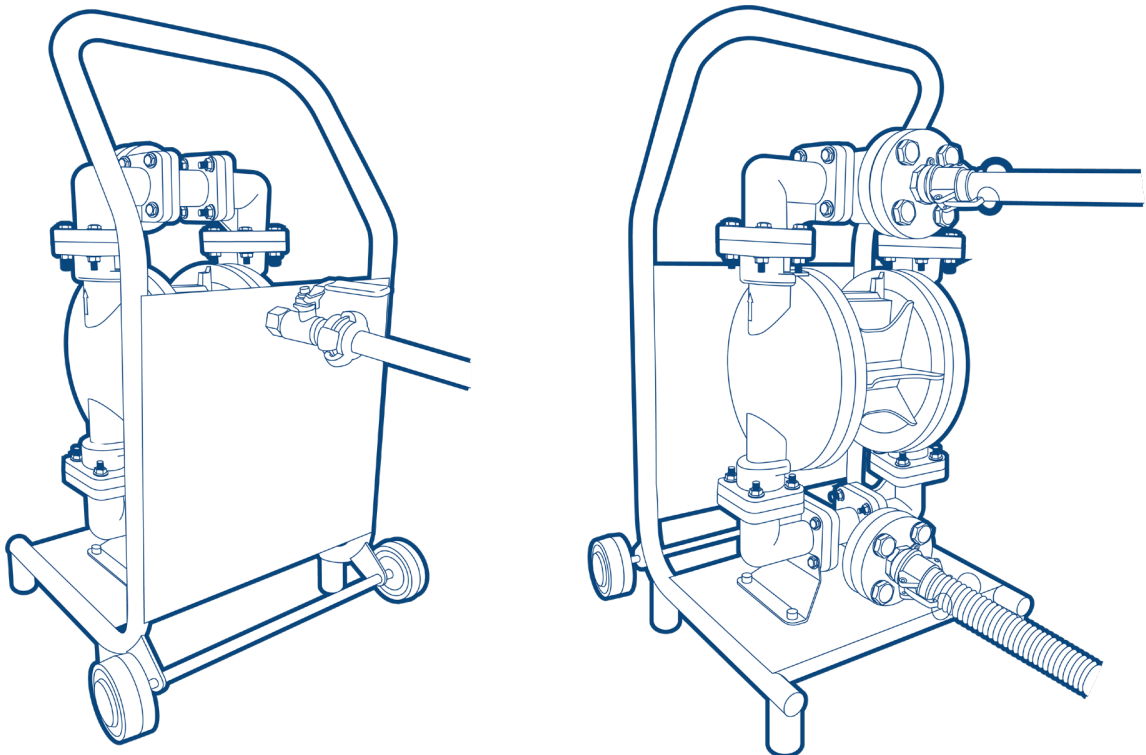


**Step
3**

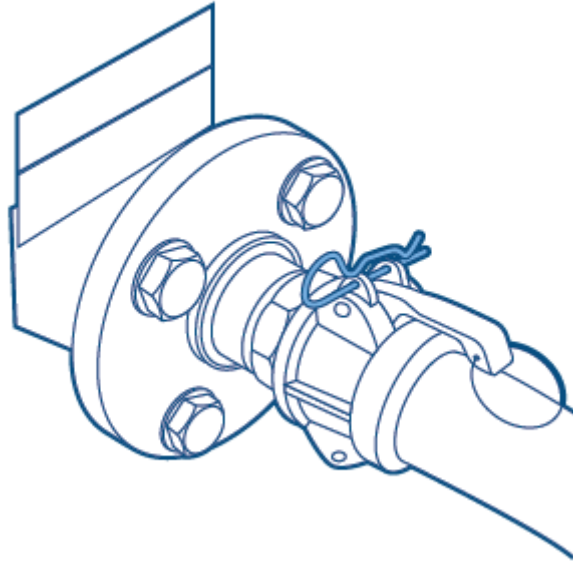
Connect Delivery Hose to Chemical Pump



Now, it looks like this

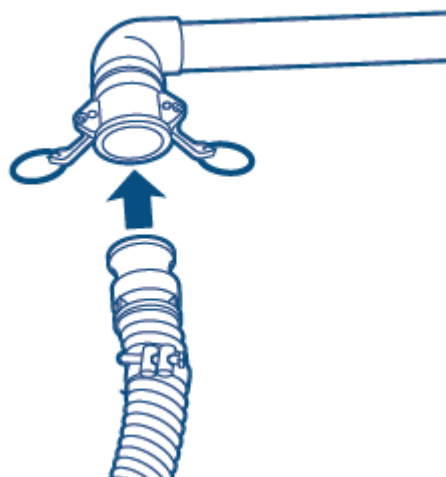


Make sure the couplings are locked correctly



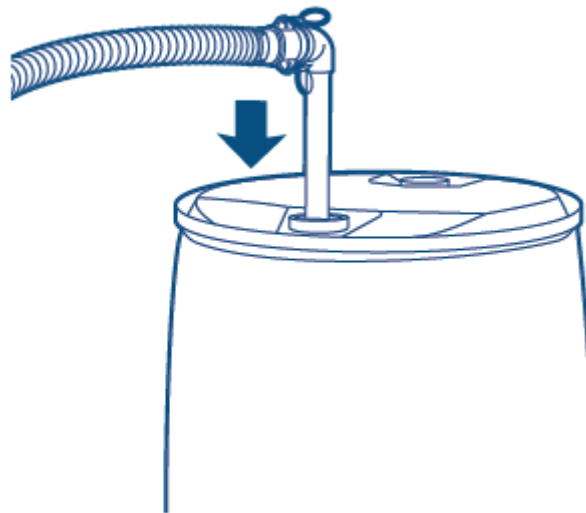
**Step
4**

Connect Suction Hose to PVC Suction Pipe



Step
5

Place Suction Hose and PVC Suction Pipe into Chemical Drum



For use of **Acid Spray lance** follow Step **S6** to **S7**

For use of **Foam lance** follow Step **F6** to **F9**

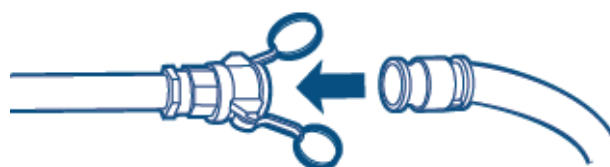
Step
S6

Connect Acid Resistant Spray lance



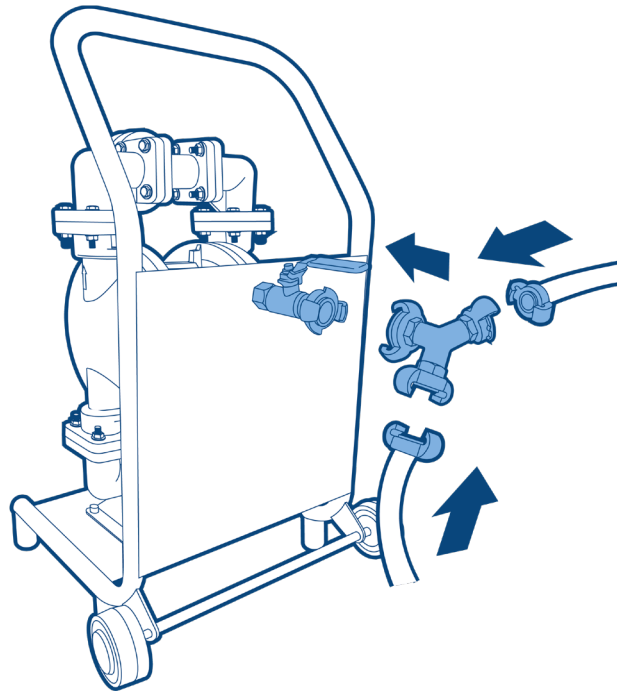
Step
S7

Connect Delivery Hose to Acid Resistant Spray lance



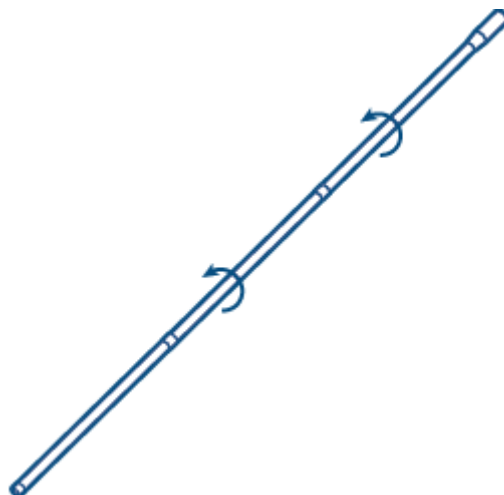
Step
F6

Connect 3-Way Air Divider to Chemical Pump's Air Intake



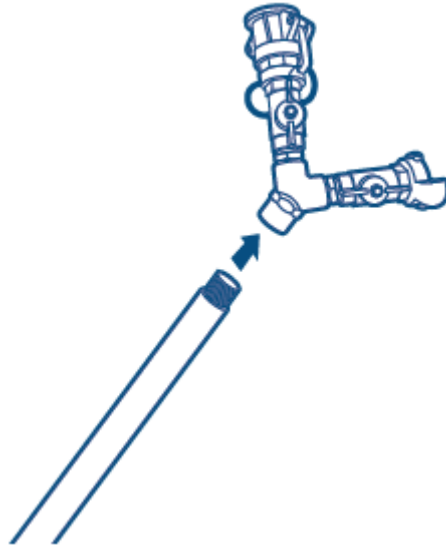
Step
F7

Connect 3-Way Air Divider to Chemical Pump's Air Intake



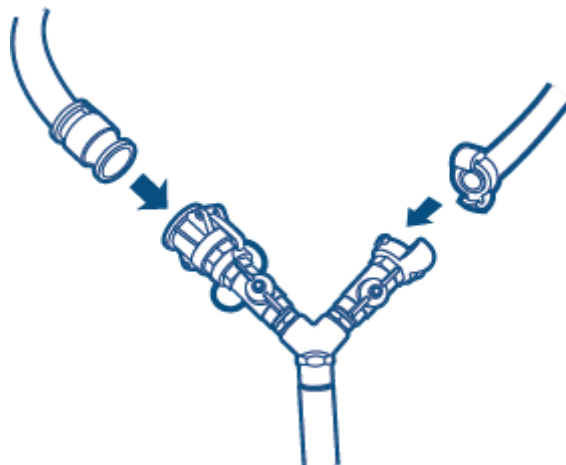
Step
F8

Connect Foam lance to Air Foam Divider and Foam Gun Air Hose



Step
F9

Connect Foam lance and Air Foam Connector to Delivery Hose



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