TWINHAMMER™

Twinhammer™ Hose Spray Kit Installation Instructions

Part number: 7084JHT75-KIT

The Parker Twinhammer Hose and Twinhammer Hose Spray Kit are designed to comply with the OSHA Respirable Crystalline Silica (RCS) Rule. Additional measures may be required. To learn more, visit osha.gov/silica.

Parker

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The Twinhammer™ Hose Spray Kit is part of a wet method silica dust suppression system for jackhammers and breakers. The design offers a simple yet effective solution for retrofitting existing tools with quick and easy field installation. This kit may be used with:

- Parker Twinhammer Hose dual air and water hose assemblies.
- Pneumatic jackhammers and breakers.
- Non-pneumatic jackhammers and breakers using an individual/single water supply hose.

WARNING!

- **Before you begin, ensure the air supply is disconnected at the source.**
- **Use appropriate safety clips (not supplied) with the air hose.**

Kit Contents

General Description	Qty
Fitting, Push-On male	2
Fitting, quick connect female	1
Fitting, quick connect nipple	1
Hose, blue jumper, Push-On, 10 feet	1
Nozzle body	1
Nozzle cap	1
Nozzle shim (optional use)	3
Nozzle strainer	1
Nozzle tip	1
Straps, large	2
Straps, small	2
Tape, thread sealant	1
Valve	1
Fitting, bushing/adapter for water supply (optional use)	1
Fitting, garden hose for water supply (optional use)	1

Hose System Capacities	
Twinhammer hose/red air supply	300* psi Max WP
Twinhammer hose/blue water supply	300 psi Max WP
Push-On hose/blue jumper/water	300 psi Max WP

* Air hose is rated to 300 psi maximum working pressure. Finished hose assembly is rated to 150 psi due to limitation of the industry preferred fitting end style/connection.

Twinhammer Dual Air/Water Hose Assembly - Part Number 7084JHT75-600 Sold Separately

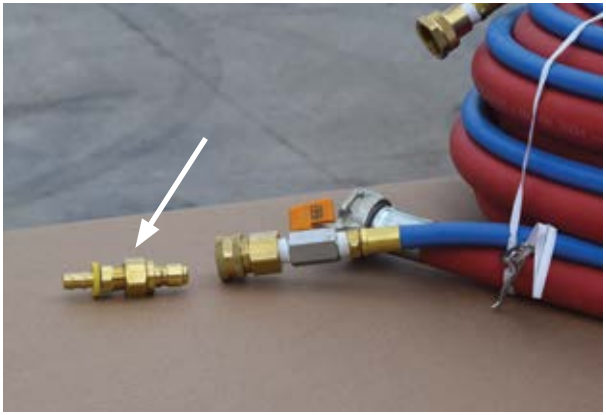
Step 1

Identify which end of the Twinhammer hose assembly will attach to the tool:

- Apply thread sealant to the fitting of the blue water supply hose.
- Thread the ball valve directly onto the blue water hose.
- Tighten 1⁄4 turn.

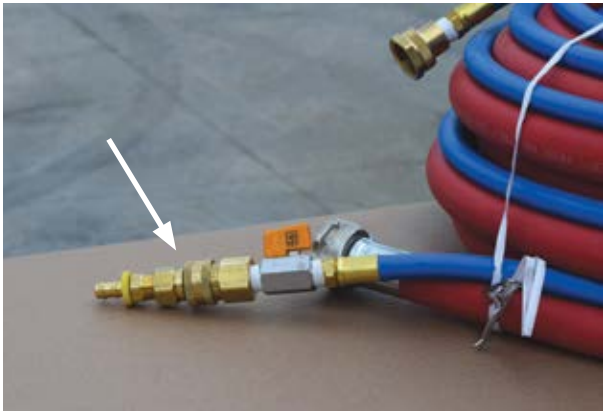
Step 2

- Apply thread sealant to the ball valve.
- Tighten the female coupler of the quick connect fitting onto the ball valve.



Step 3

- Lightly thread the male nipple of the quick connect fitting into one of the Push-On hose fittings.
- Do not tighten more than hand-tight as this item will be taken apart before final assembly.

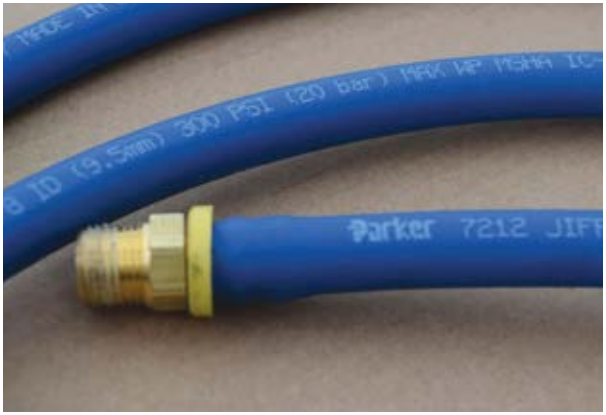


Step 4

- Insert the male nipple of the quick connect fitting into the female quick connect fitting.
- This will be used to help determine the length of Push-On jumper hose needed for the tool in steps 11 and 12.

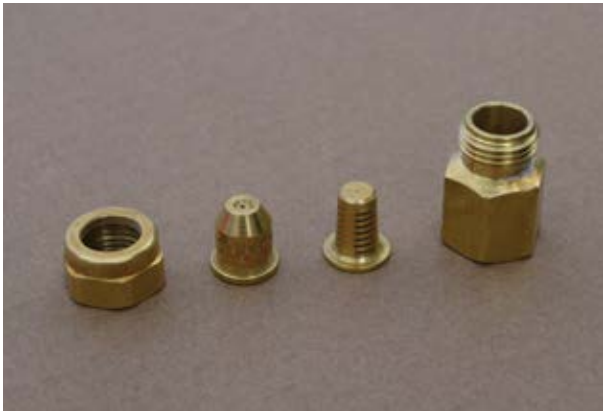
Step 5

- Insert the other Push-On hose fitting into one end of the Parker Push-On hose.
- This hose will be used as a jumper hose from the water supply line down the tool to position the nozzle at the retainer area.



Step 5.1

- Be sure the Push-On fitting is inserted completely and both the fitting and the hose come to rest against the yellow collar of the fitting.



Step 6

- Assemble the spray nozzle.
- The spray nozzle consists of four components:
  - *Cap*
  - *Strainer*
  - *Spray tip*
  - *Body*

If the spray tip becomes clogged, the assembly can be disassembled for cleaning or component replacement.

Step 6.1

- Place the spray tip into the cap.

Step 6.2

- Place the strainer into the cap, on top of the spray tip.
- Orient the wide end in against the tip and the tapered end out.

Step 6.3

- Apply thread sealant to the body.
- Thread the body into the cap, keeping the strainer centered.
- Tighten.

Step 7

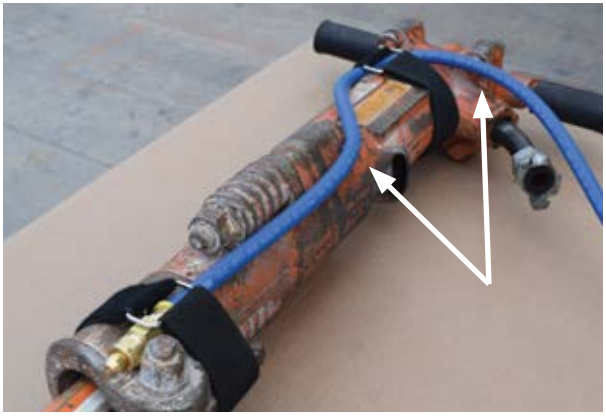
- Apply thread sealant to the installed Push-On hose fitting.
- Thread and tighten the nozzle body assembly onto the Push-On hose fitting.

Step 8

- Align the nozzle tip with the end of the front head of the tool.
- Rest the jumper hose assembly against the tool retainer to properly position the nozzle and strap.

Step 9

- Apply one of the large cinch straps to secure the nozzle and jumper hose to the end of the tool.
- Position the metal buckle over the nozzle assembly to better secure the nozzle in position and to minimize movement.



Step 10

- Route the jumper hose up the tool and use the second large cinch strap to secure it near the top of the tool.
- Allow a generous bend radius for the hose.

A lazy, wider bend of the hose allows better water flow and prevents kinking of the hose.

Step 11

- Attach the red air hose assembly to the tool.
- Align the jumper hose with the Push-On fitting at the end of the blue water supply hose.
- The jumper hose should maintain a gentle bend radius but assume the most direct path to the water supply hose fitting.

A sharp bend of the hose at the fitting will cause stress and could lead to premature hose failure.

Step 12

- Align each component with its final position.
- Mark the blue jumper hose at the top of the yellow collar of the fitting. This is the cut line.
- Cut the hose squarely at the cut line.

Step 13

- Remove the Push-On fitting from the quick connect nipple (refer to Step 3).

Step 14

- Insert the Push-On fitting into the open end of the jumper hose.
- Be sure to insert fully to the collar (refer to Step 5.1).
- Use the body of the tool as a brace when applying pressure to insert the fitting.

Step 15

- Apply thread sealant to the Push-On fitting that was inserted into the jumper hose.
- Thread and tighten the male nipple quick connect fitting onto the Push-On fitting.

Step 16

- Insert the male nipple into the female quick connect fitting.
- Align the connected water hose/jumper hose assembly with the air hose already installed on the air intake connector of the tool.

Step 17

- Use one small strap at the interface of the male nipple/female quick connect fitting to secure the air intake connector and blue jumper hose.

Step 18

- Use the other small strap to secure the two hoses of the Twinhammer assembly just below the factory-installed fittings.
- This provides a slim profile, rigidity for operating the ball valve and support to keep the twinned hoses from separating.

The Twinhammer Hose Spray Kit is now ready for testing and use:

- Connect to appropriate air and water supplies.
- Use ball valve to adjust water flow.
- Use provided shims (if needed) to direct spray angle of nozzle to point of impact.

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