



Pneumatic Paving Breaker

#550660, JCT-4660

#550661, JCT-4661



Operation & Parts Manual

M-550660

Edition 3

11/2018



Stock No.:
Serial No.:
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Date purchased:

JET
427 New Sanford Road
LaVergne, TN 37086
Ph.: 800-274-6848
www.jettools.com

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Safety warnings

General air tool warnings

1. Read and understand this entire manual before attempting assembly or operation.
2. Read and understand all warnings posted on the tool and in this manual. Failure to comply with all of these warnings may cause serious injury.
3. Replace warning labels if they become obscured or removed.
4. Do not use this tool for other than its intended use. If used for other purposes, JET disclaims any real or implied warranty and holds itself harmless from any injury that may result from that use.
5. Always wear ANSI Z87.1 approved safety glasses or face shield while using this tool. (Everyday eyeglasses only have impact resistant lenses; they are *not* safety glasses.)
6. Wear ear protectors (plugs or muffs) if the noise exceeds safe levels.
7. Wear gloves and protective clothing if operation produces sparks or flying particles. Gloves should be tight-fitting, without frayed fingers or hanging threads. Keep hands and body away from the working area of tool.
8. Do not operate an air tool continually at full throttle without a work load on the tool.
9. The air tool must be properly lubricated before operating.
10. Never start a percussion type air tool (chipper, breaker, buster, etc.) without securing the tooling in the retainer and placing the tip against the work surface.
11. Do not operate air tool without its guards in place. Do not modify the tool.
12. Do not operate this tool while tired or under the influence of drugs, alcohol, or any medication.
13. Adopt a comfortable posture with proper balance, and maintain secure footing at all times. Non-slip footwear or anti-skid floor strips are recommended.
14. Do not wear loose clothing or jewelry. Confine long hair.
15. Excessive air pressure and too much free rotation may decrease life of the tool and may cause a hazardous situation.
16. Check air hoses for wear, and keep them away from heat and sharp edges. Repair or replace damaged air hose immediately. Do not carry tool by the air hose.
17. Air hose may cause tripping hazards; keep hose away from traffic areas.
18. Do not use this tool near flammable objects, or in potentially explosive environments. Do not use near live electrical wires.
19. Do not use power tools in damp or wet location, or expose them to rain. Keep work area well lighted.
20. Do not leave a connected tool unattended. When not in use, disconnect tool from air source.
21. Shut off air supply and discharge any residual pressure from tool before removing hose, making adjustments, changing accessories, or storing tool.
22. Make sure tool is switched off, and your finger off the trigger, before connecting to air supply.
23. Remove adjusting keys and wrenches before turning on tool.
24. Keep visitors a safe distance from the work area. *Keep children away.*

25. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
26. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and more safely.
27. Repetitive motions and/or exposure to constant vibration can be harmful to hands and arms. Take frequent breaks and relax hands during extended operation. Change posture to avoid discomfort or fatigue.
28. Compressed air can be harmful if directed toward sensitive areas of the body, and may propel small particles caught in the air stream. Exercise proper caution.
29. Use only recommended accessories; improper accessories may be hazardous.
30. Maintain tools with care. Keep air tool clean and oiled for best and safest performance.
31. Do not use combustible gases, carbon dioxide, oxygen or any bottled gas as an air source for the tool. These can present risk of explosion and serious injury.
32. Do not lubricate the tool with combustible liquids, such as kerosene, diesel or jet fuel.
33. Do not dispose of this tool with normal household waste. Never dispose of the air tool into fire.
38. Always grip paving breaker firmly with both hands.
39. Apply enough downward pressure to prevent tool from bouncing or skipping which can lead to personal injury and tool damage.
40. Direct tool exhaust away from yourself and others.

 **WARNING:** This product can expose you to chemicals including lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <http://www.p65warnings.ca.gov>.

 **WARNING:** Some dust, fumes and gases created by power sanding, sawing, grinding, drilling, welding and other construction activities contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:


- lead from lead based paint
- crystalline silica from bricks, cement and other masonry products
- arsenic and chromium from chemically treated lumber


Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as dust masks that are specifically designed to filter out microscopic particles. For more information go to <http://www.p65warnings.ca.gov/> and <http://www.p65warnings.ca.gov/wood>.

Specific warnings for Paving Breaker

34. This paving breaker is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a pneumatic paving breaker, do not use until proper training and knowledge have been obtained.
35. Use only correct steels with sharp cutting edge. Make sure steel is securely latched in paving breaker before pressing throttle lever.
36. Disconnect machine from air supply before changing tooling.
37. Always hold cutting tool down firmly on the work surface before pressing throttle lever.

Familiarize yourself with the following safety notices used in this manual:

 **WARNING** This means that if precautions are not heeded, it may result in serious, or even fatal, injury.

 **CAUTION** This means that if precautions are not heeded, it may result in minor injury and/or possible tool damage.

About this manual

This manual is provided by JET, covering the safe operation and maintenance procedures for the JET Model JCT-4660 series pneumatic Paving Breakers. This manual contains instructions on safety precautions, general operating procedures, maintenance procedures and parts breakdown. Your tool has been designed and constructed to provide consistent, long-term operation if used in accordance with the instructions set forth in this document.

The instructions and warnings in this manual may not encompass all possible workplace environments. The operator is expected to take appropriate precautions and exercise common sense. As with any tool operation, safety of operator and bystanders should be first priority.

If there are questions or comments, please contact your local supplier or JET. JET can also be reached at our web site: www.jettools.com.

Record the serial number and purchase information of your tool on the cover of this manual for quick access. Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

Register your product online -

<http://www.jettools.com/us/en/service-and-support/warranty/registration/>

Tool specifications

Model number	JCT-4660	JCT-4661
Stock number	550660	550661
Class/type	60 lb.	90 lb.
Hex shank size	1-1/8 x 6 in.	1-1/8 x 6 in.
Piston diameter	2-1/4 in.	2-5/8 in.
Piston stroke	4 in.	6 in.
Impact rate (blows per minute)	1,400	1,250
Energy per blow @ 90 psi	119.32 Joule	248.36 Joule
Average air consumption	70 CFM	77 CFM
Air Inlet	3/4 in. NPT	3/4 in. NPT
Air hose minimum inside diameter	3/4 in.	3/4 in.
Required air pressure	90 psi (6.2 bar)	90 psi (6.2 bar)
Vibration value	15.6 m/s ²	17.3 m/s ²
Noise level ¹	108 dB(A)	110 dB(A)
Overall length	26.5 in. (672 mm)	29.6 in. (752 mm)
Housing material	steel	steel
Oil reservoir capacity	18 cc	36 cc
Net weight	66 lb. (30 kg)	92.4 lb. (42 kg)
Shipping weight	70 lb. (31.8 kg)	98 lb. (44.5 kg)

¹ The specified values are emission levels and are not necessarily to be seen as safe operating levels. As workplace conditions vary, this information is intended to allow the user to make a better estimation of the hazards and risks involved only.

Specifications were current at time of publication, but because of our policy of continuous improvement, JET reserves the right to change specifications at any time and without prior notice, without incurring obligations.

Setup and Assembly

Any missing parts or damage should be reported immediately to your JET® distributor. Do not use a damaged tool. Read this instruction manual thoroughly for operation, maintenance and safety instructions.

Box contents:

- 1 Paving Breaker
- 1 Operation and parts manual
- 1 Warranty card

Operation

CAUTION The paving breaker must be properly lubricated before operation.

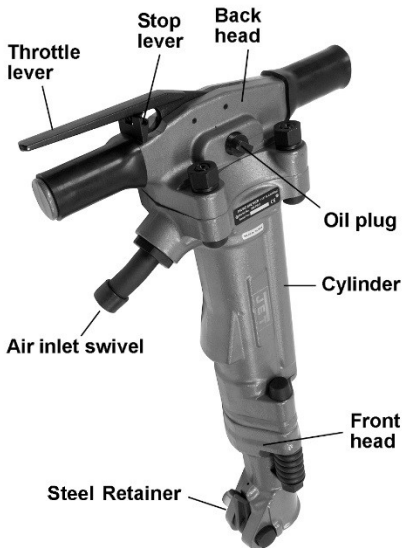


Figure 1 (JCT-4661 shown)

1. Pull down on retainer (Figure 1) to insert steel (not provided). Apply grease to shank of steel before insertion. Push up on retainer to secure steel, then tug on steel to ensure it is properly caught in the bushing.

Note: When installing a chisel, blade should be parallel with handles on breaker.

2. Remove oil plug and fill reservoir with air tool oil up to lowest thread of fill hole. NOTE: Air tool oil not provided; it is available at most major hardware and tool stores. SAE #10 oil may be used as a substitute. Do not use detergent oil.
3. Reinstall plug. The oil control plug (#4, page 14; #3 page 16) can be turned to regulate flow through the tool.
4. Remove protective cap from air inlet. Blow out air line to remove any dirt or moisture, then connect air supply hose to tool. Set air pressure to 90 psi.
5. Use both hands on grips, and place steel in contact with work surface.
6. Push stop lever inward to release throttle lever. Press and hold throttle lever. Release throttle lever to stop.

IMPORTANT: Connecting a quick-change coupling directly to the tool is not recommended, as vibration may cause the connection to fail. Instead, add a leader hose and install any quick-change couplings farther down the line.

Apply constant pressure to work surface to prevent as much recoil as possible. Release throttle lever after breaking through the work, and when removing tool from the work.

Important: Do NOT raise air pressure above maximum rating for this paving breaker. If tool is not accomplishing task at maximum air pressure and flow, use a larger tool or different means to achieve task.

When finished operating this tool, turn off air supply and bleed residual air by pressing throttle lever briefly. Disconnect air hose.

User-maintenance

Inspect paving breaker before each use. Ensure that steel is secured inside retainer. After use, wipe down the tool with a rag. Periodically apply light coat of oil to exposed metal surfaces to inhibit rust.

Periodically check torque of bolts in front and back head. Loose bolts can result in loss of power and tool damage. See "Torque specifications."

Lubrication

The paving breaker should be lubricated with air tool oil maintained in the reservoir, and with an in-line oiler.

Storage


Avoid storing the paving breaker in very humid locations which promotes rusting of internal mechanisms. Always oil the tool and disconnect air hose before storage.

Air system requirements

1. Use proper air hose size (refer to tool specifications). The hose should be just long enough to serve the working area. Excessive hose length will cause pressure drop.

1. Make sure air compressor supplies clean, dry air at correct CFM for the tool.

2. Set air pressure to 90 psi.


 **CAUTION** Excess air pressure and/or unclean air will shorten the tool's life and may create a hazardous situation.

3. Drain water from air compressor tank daily, as well as any condensation from air lines. Water in the air line may enter the tool and cause damage.

4. Change filters on the air system on a regular basis.

5. Air-line pressure may be increased accordingly to compensate for extra-long air hoses (usually over 25 feet). Inside diameter of hose should be minimum 3/4-inch.

Disassembly

 **CAUTION** Disassembly and reassembly should be performed by qualified personnel.

Refer to parts exploded view as needed.

1. Disconnect air tool from air system.
2. Loosen the back head bolt nuts, remove the lock washer, and back head bolt nuts.
3. Remove back head from cylinder and remove throttle valve, throttle valve spring, plunger, and plunger spring.
4. Remove valve guide, valve, valve chest, valve seat, valve chest dowel pin, and piston.

5. Remove cylinder, tappet seat, and tappet.
6. Disassemble front head:
 - Loosen the steel retainer bolt nut.
 - Remove steel retainer bolts, steel retainer, and retainer bolt bushings.
 - Remove steel retainer plunger and retainer spring.
 - Remove front head bushing from front head by pressing it out from the backside using a 15-ton press.
7. Disassemble back head:
 - Remove the two throttle lever pins and release the throttle lever.
 - Using a press and a 0.37" (9.4mm) pin, remove throttle valve stem guide from back head.
 - Remove the 5/8" oil control plug from back head and take out the oil control felt.
8. Disassemble air inlet:
 - Loosen air inlet swivel nut and remove it from cylinder.
 - Remove air inlet swivel.
 - Remove air inlet screen from cylinder.
 - Remove O-ring(s) from air inlet swivel nut and air inlet swivel.

Reassembly

Front head assembly

1. Using a 15-ton press, press the front head bushing into place. A hex flat must align with the front head steel retainer.
2. Assemble the steel retainer spring and steel retainer plunger into the front head.
3. Assemble the steel retainer bolt bushings on each side of the front head. Set the retainer into the retainer slot. To support the retainer, insert the retainer bolt through the bushings from the stopper side of the front head.
4. Place the 3/4" nut and washer on the bolt. See the torque specifications chart for the torque setting.

Back head assembly

1. Place chamfered side of throttle valve stem guide into the back head and tap into position.
2. Ream the guide with a 0.312" (7.93 mm) reamer tool.
3. Set throttle valve lever into the back head.
4. Place a 0.312" (7.93 mm) steel rod into the hole and hammer in the pin.
5. Apply a light film of grease on rubber handle and slide onto handle.
6. Assemble the plugs on both sides of back head. See torque specifications chart for the torque setting.
7. Place throttle valve o-ring in position where the cylinder will meet.
8. Insert oil control felt onto top portion of back head and assemble the oil control plug.

Air inlet assembly

1. Place the #P91222 O-ring onto the air inlet swivel.
2. Place the #P91237 O-ring onto the air inlet swivel nut.
3. Assemble air inlet swivel into air inlet swivel nut and tighten nut.

Completing assembly

1. Stand the front head assembly in vertical position.
2. Assemble tappet seat and cylinder onto front head, making sure the retainer nut and exhaust port on cylinder are in line with each other.
3. Place the front head bolts into the holes.
4. Assemble front head bolt springs, front head lock washer, and tighten front head bolt nut. A minimum of three bolt threads should be visible.
5. Assemble valve seat, valve, valve chest, and valve guide into cylinder. **Note:** Valve chest and valve guide must align with knock placement. The valve has no orientation.
6. Install valve chest dowel pin.

7. Install five cylinder plugs into cylinder.
8. Set air inlet screen into the exhaust portion of cylinder.
9. Install air inlet assembly. See torque specification chart.
10. Place throttle valve spring onto throttle valve and install into cylinder.
11. Lightly grease the inner diameter of plunger, insert plunger spring, and place on top of valve guide.
12. Place back head on top of cylinder and put back head bolts from underneath into the four holes.
13. Assemble lock washer and fasten back head bolt nuts. See torque specification chart for bolt tightness.
14. Assemble back head with lever in line with cylinder exhaust port.
15. Remove oil fill plug in the back head and refill spindle oil tank.
16. Tighten oil tank plug. See torque specification chart.

Before operating a newly rebuilt tool, pour a few ounces of air tool oil into air inlet. Also, allow a break-in period for the tool by running it at reduced air pressure for a short time until proper function is confirmed.

General Air Tool Information

If the air tool is not performing according to specifications, the following are among the most common causes. (See also “Troubleshooting” section.)

- Contaminated air such as a dirty air system or water in the system.
- Using wrong size tool for the job.
- Poor maintenance practices, such as using excessive air pressure or air volume.
- Improper or no lubrication.

Rule of Thumb

If it takes more than 8 seconds to tighten or loosen a bolt or nut with an air impact wrench at maximum setting, the air wrench is too small or the air compressor CFM is not powerful enough for the job. Continued use in either capacity will cause damage to the tool.

Tool Pressure

JET Air Tools operate on 70-to-100 psi (pounds per square inch) air pressure measured at the tool when the tool is operating. Set tool to 90 psi unless indicated otherwise. Pressure in excess of 100 psi will shorten the life of the tool.

Air System Recommendations

Equip the air compressor intake with a replaceable air filter that can be easily cleaned.

Use safety shut-off valves so air flow can be stopped quickly in case of a line break.

When using multiple hoses, air hoses should be larger than leader hose. Join multiple hoses directly, rather than with quick connect fittings which may cause pressure drops and tool power reduction.

Use anti-whip devices across hose couplings to prevent hose from whipping in the event of a hose failure or coupling disconnect.

Always use moisture traps at the compressor for the main distribution line. Use moisture traps and in-line oilers on each downline that is to be used for air tools. (See Figure 2). Place oiler as close to air tool as possible for best lubrication.

Lubrication

Use a light oil containing rust inhibitors, such as SAE #10. Many JET air tools have integral oil reservoirs, which should be kept filled when in-line oilers are not used.

If greasing is required, use a grease that is highly water resistant for front case components on air impact wrenches, grinders and sanders.

Recycling

Protect the environment. Your tool contains materials which can be recovered or recycled. When its useful life has expired, please leave tool at a specialized facility

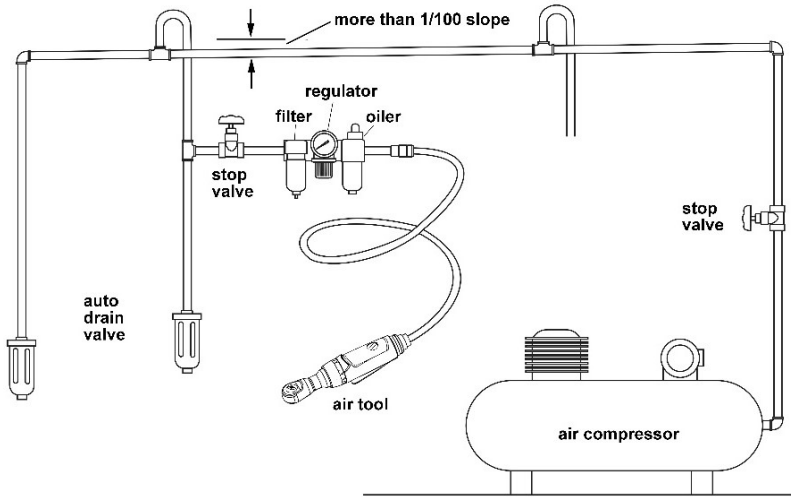


Figure 2

Recommended arrangement of air piping and air line system

Torque specifications

Refer to this chart when assembling parts or tightening after a period of service.

	JCT-4660	JCT-4661
Front Head Bolt	2-2.5mm *	3mm *
Back Head Bolt	166.3-202.5	166.3-202.5
Front Retainer Bolt	43.4-57.8	43.4-57.8
Oil Tank Bolt	57.8	28.9-32.5
GD Plug	7.2-10.8	10.8-14.5
Air Inlet Assembly	202.58-216.9	202.5-216.9

* torque setting for the front head bolt is given as the measurement between the bottom of the nut and the end of the bolt, as shown:

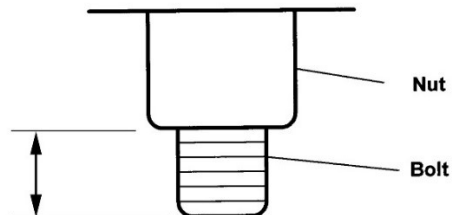


Figure 3

Troubleshooting JCT-4660 series Paving Breakers

Any disassembly of the tool should be done by qualified service personnel. For problems not addressed below, contact JET technical service at 800-274-6846.

Problem	Possible cause	Remedy
Tool will not start.	Air valve closed or obstructed.	Open valve; clear any obstructions.
	Dirt or gum deposits on components.	Flush tool with gum solvent. If problem persists, disassemble, clean and lubricate internal parts.
	Throttle lever malfunction.	Clean throttle lever mechanism to ensure free movement. Replace mechanism if needed.
	Piston seized due to improper lubrication.	Lubricate breaker according to instructions.
Starts immediately as soon as air is connected without lever being pressed.	Throttle valve malfunction.	Inspect and repair throttle valve.
Excessive or abnormal vibration.	Improper lubrication.	Lubricate properly according to instructions in this manual.
Loss of power; erratic action.	Low air pressure or air volume.	Verify compressor has proper CFM rating for tool. Check compressor regulator setting; set air pressure to 90 psi. Check for loose connections at air inlet, o-rings, etc.
	Moisture or obstruction in air hose.	Air supply must be clean and dry. Clean out air hose(s) and remove any kinks or bends.
	Improper size of air transmission lines, hoses, fittings, or couplings. Or, air supply line too long.	Use appropriate-sized air lines/hoses. Verify proper fittings, couplings. Use shorter supply line if needed.
	Dirt or gum deposits on components.	Flush tool with gum solvent. Check and clean air filter on compressor. Clean external areas of tool. If problem persists, disassemble, clean and lubricate internal parts.
	Front head bushing excessively worn.	Replace front head bushing.
	Loose bolts in front or back head.	Tighten bolts.
	Loss of impact, or loss of blows per minute.	Check clearance between piston and cylinder. Maximum clearance should be 0.005 in. (0.13mm). Check that piston moves freely and is not seized.
	Throttle valve seizing.	Inspect; clean or replace elements.

Problem	Possible cause	Remedy
Severe air leakage. (Note: Minimal escape of air is often normal for air tools.)	Leakage from air inlet swivel.	Change O-rings and check for loosening of air inlet swivel nut.
	Leakage from throttle valve area.	Check for wear of throttle valve stem guide. Replace if needed.
	Leakage from back head and cylinder.	Check plug; change O-ring on throttle valve. Also check for foreign matter which may have entered during assembly.
Excessive heat develops in tool.	Improper lubrication.	Lubricate properly according to instructions in this manual.
	Worn internal parts.	Inspect and replace as needed.
Tool continues to operate after releasing throttle lever.	Throttle valve seat is damaged.	Replace valve seat.
	Blockage in valve area.	Remove any foreign matter.
Steel tool is loose.	Steel shank does not match retainer bushing.	Use steel with correct shank type.
	Front head bushing is worn.	Replace bushing.
Steel retainer latch refuses to catch.	Excessive wear of retainer.	Replace parts as needed.
	Excessive wear of retainer plunger and spring.	Replace parts as needed.

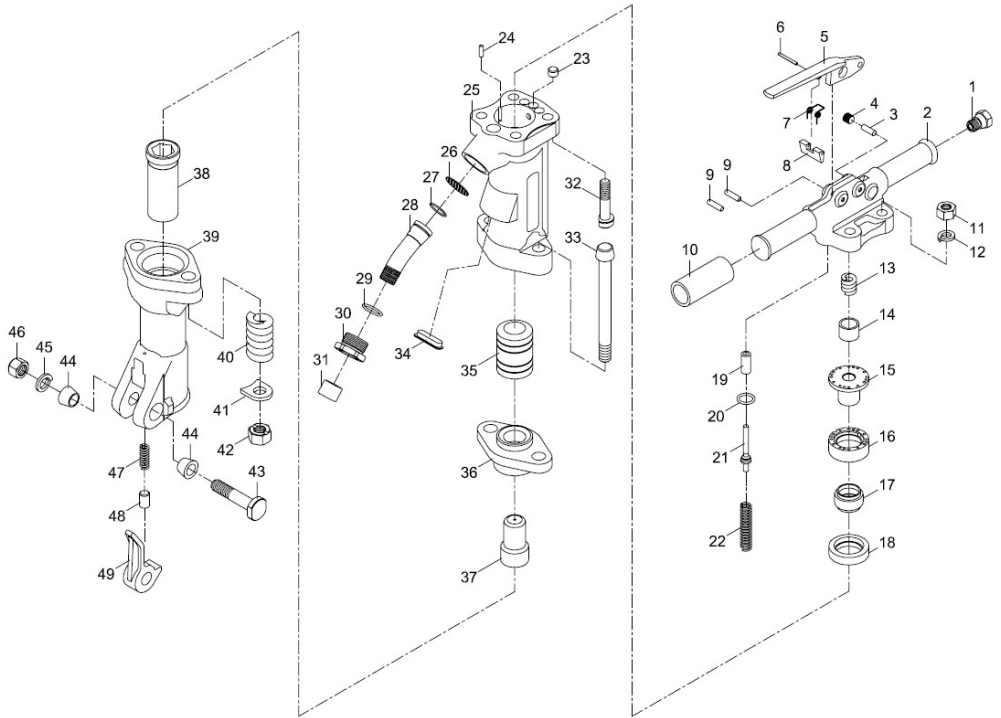
Replacement parts

Service parts are listed on the following pages. To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8:00 a.m. to 5:00 p.m. CST. Please have the stock number and serial number of your tool available when you call, so that we may serve you quickly and accurately.

Non-proprietary parts, such as fasteners, can be found at local hardware stores, or may be ordered from JET.

Some parts are shown for reference only, and may not be available individually.

#550660, JCT-4660 Paving Breaker (60 lb.)



#550660, JCT-4660 Paving Breaker (60 lb.)

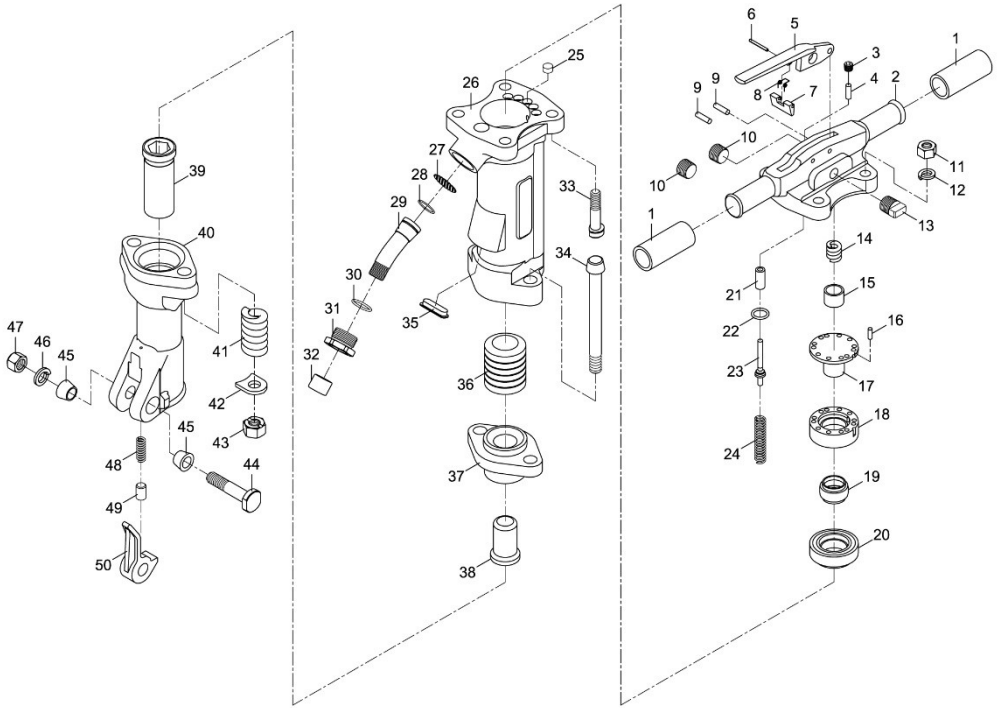
Index	Part No.	Description	Qty
1	P61119	Oil plug	1
2	JCT4660-02	Back head	1
3	P91245	Felt oiler Ø8.5x25L	1
4	P91220	Oil control plug 1/8PT	1
5	P91217	Throttle lever	1
6	P91250	Spring pin 4x40L	1
7	P91252	Stop lever spring	1
8	P91251	Stop lever	1
9	P91218	Throttle lever pin Ø8x30L	2
10	P91213	Rubber grip	2
11	P91225	Back head bolt nut	4
12	P91224	Lock washer 5/8in.	4
13	P91210	Plunger spring	1
14	P91209	Plunger	1
15	P61107	Valve guide	1
16	P61105	Valve chest	1
17	P91204	Automatic valve	1
18	P61106	Valve seat	1
19	P91215	Throttle valve stem guide	1
20	P91212	O-ring 21.7x3.5mm	1
21	P91214	Throttle valve	1
22	P91216	Throttle valve spring	1
23	P91202	Cylinder plug	3
24	P91208	Valve chest dowel pin Ø1/4x20L	1
25	JCT4660-25	Cylinder	1

Index	Part No.	Description	Qty
26	P91238	Air inlet screen	1
27	P91222	Air inlet swivel o-ring 28.5x2mm	1
28	P91235	Air inlet swivel	1
29	P91237	O-ring 29.4x3.1mm	1
30	P91236	Air inlet swivel nut	1
31	P91246	Rubber cap	1
32	P61123	Back head bolt	4
33	P61139	Front head bolt	2
34	P91244	Rubber plug	1
35	P61103	Piston hammer	1
36	JCT4660-36	Tappet seat	1
37	P61127	Tappet	1
38	P61143	Front head bushing	1
39	JCT4660-39	Front head	1
40	P91242	Front head bolt spring	2
41	P91241	Front head bolt lock washer	2
42	P91240	Front head bolt nut	2
43	P91229	Steel retainer bolt	1
44	P91232	Steel retainer bolt bushing	2
45	P91231	Lock washer 3/4in.	1
46	P91230	Steel retainer bolt nut, 3/4- 16UNF	1
47	P91234	Steel retainer spring	1
48	P91233	Steel retainer plunger	1
49	P91228	Steel retainer	1

JCT4660-RPK, Repair Kit, contains #19,20,21,22

JCT4660-RBK, Rebuild Kit, contains #13,14,15,17,35

#550661, JCT-4661 Paving Breaker (90 lb.)



#550661, JCT-4661 Paving Breaker (90 lb.)

Index	Part No.	Description	Qty
1	P91213	Rubber grip	2
2	JCT4661-02	Back head	1
3	P91220	Oil control plug 1/8PT	1
4	P91245	Felt oiler Ø8.5x25L	1
5	P91217	Throttle lever	1
6	P91250	Spring pin 4x40L	1
7	P91251	Stop lever	1
8	P91252	Stop lever spring	1
9	P91218	Throttle lever pin Ø8x30L	2
10	P91248	Oil tank plug 1/2PT	2
11	P91225	Back head bolt nut	4
12	P91224	Lock washer 5/8in.	4
13	P91219	Oil Plug	1
14	P91210	Plunger spring	1
15	P91209	Plunger	1
16	P91208	Valve chest dowel pin Ø1/4x20L	1
17	P91207	Valve guide	1
18	P91205	Valve chest	1
19	P91204	Automatic valve	1
20	P91206	Valve seat	1
21	P91215	Throttle valve stem guide	1
22	P91212	O-ring 21.7x3.5mm	1
23	P91214	Throttle valve	1
24	P91216	Throttle valve spring	1
25	P91202	Cylinder plug	5
26	JCT4661-26	Cylinder	1

Index	Part No.	Description	Qty
27	P91238	Air inlet screen	1
28	P91222	Air inlet swivel o-ring 28.5x2mm	1
29	P91235	Air inlet swivel	1
30	P91237	O-ring 29.4x3.1mm	1
31	P91236	Air inlet swivel nut	1
32	P91246	Rubber cap	1
33	P91223	Back head bolt	4
34	P91239	Front head bolt	2
35	P91244	Rubber plug	1
36	P91203	Piston hammer	1
37	JCT4661-37	Tappet seat	1
38	P91227	Tappet	1
39	P61143	Front head bushing	1
40	JCT4661-40	Front head	1
41	P91242	Front head bolt spring	2
42	P91241	Front head bolt lock washer	2
43	P91240	Front head bolt nut	2
44	P91229	Steel retainer bolt	1
45	P91232	Steel retainer bolt bushing	2
46	P91231	Lock washer 3/4in.	1
47	P91230	Steel retainer bolt nut, 3/4-16UNF	1
48	P91234	Steel retainer spring	1
49	P91233	Steel retainer plunger	1
50	P91228	Steel retainer	1

JCT4660-RPK, Repair Kit, contains #21,22,23,24

JCT4661-RBK, Rebuild Kit, contains #14,15,16,17,19,36

Warranty and Service

JET warrants every product it sells against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official JET branded website.

- JET products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance. JET woodworking machinery is designed to be used with Wood. Use of these machines in the processing of metal, plastics, or other materials outside recommended guidelines, may void the warranty. The exceptions are acrylics and other natural items that are made specifically for wood turning.

Warranty Limitations

Woodworking products with a Five Year Warranty that are used for commercial or industrial purposes default to a Two Year Warranty. Please contact Technical Service at 1-800-274-6846 for further clarification.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. JET has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the JET website.

More Information

JET is constantly adding new products. For complete, up-to-date product information, check with your local distributor or visit the JET website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

JET LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

JET SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

JET sells through distributors only. The specifications listed in JET printed materials and on official JET website are given as general information and are not binding. JET reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever. JET® branded products are not sold in Canada by JPW Industries, Inc.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
1 Year – Motors; Machine Accessories
2 Year – Metalworking Machinery; Electric Hoists, Electric Hoist Accessories; Woodworking Machinery used for industrial or commercial purposes
5 Year – Woodworking Machinery
Limited Lifetime – JET Parallel clamps; VOLT Series Electric Hoists; Manual Hoists; Manual Hoist Accessories; Shop Tools; Warehouse & Dock products; Hand Tools; Air Tools

NOTE: JET is a division of JPW Industries, Inc. References in this document to JET also apply to JPW Industries, Inc., or any of its successors in interest to the JET brand.

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