



(Dwg. 16572299)

JRD50 Jackhammer™ Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Backhead Assembly	JRD50-A102	61	Sleeve Nut	JRD50-39
2	OFF Label	89948558		Side Rod Assembly	JRD50-A9
3	Warning Label	WARNING-6-99	• 65	Side Rod Nut (2)	---
4	Throttle Valve Assembly	JRD50-A409	• 66	Side Rod (2)	---
5	Throttle Valve	---		Fronthead Assembly	
4	Throttle Valve Plunger	JRD50-302		for model JRD50A	JRD50A-A240
6	Throttle Valve Spring	JRD50-51		for models JRD50B and JRD50C	JRD50-A240
	Throttle Valve Handle Assembly	JRD50-A273	67	Fronthead	---
7	Throttle Valve Handle	---	68	Fronthead Bushing (2)	---
8	Throttle Valve Bolt	---		Steel Retainer Assembly	
9	Throttle Bolt Nut	---		for model JRD50A	JRD50A-A341
10	Throttle Bolt Lock Washer	---		for model JRD50B	JRD50B-A341
11	Air Connection Swivel	JRD50-199		for model JRD50C	JRD50C-A341
	Air Connection Nut Assembly	JRD50-A565	69	Steel Retainer	---
12	Air Connection Nut	---	• 72	Steel Retainer Pin	---
13	Air Connection Nut Washer	---	• 73	Steel Retainer Spring (2)	---
14	Air Connection O-Ring	JRD50-159	74	Steel Retainer Bolt (2)	---
	Blow Tube Gland Assembly	JRD50-A918	75	Retainer Bolt Nut (2)	---
16	Blow Tube Gland	---	76	Retainer Bolt Lock Clip (2)	---
• 17	Tube Gland Gasket	JRD50-223	*	Muffler Assembly	
	Blow Tube Assembly	JRD50-A917		for model JRD50A	JRD50A-A674
• 18	Tube Gasket	JRD50-283		for model JRD50B	JRD50B-A674
• 20	Blow Tube	---		for model JRD50C	JRD50C-A674
#	Water Tube Gland Assy. (Female 3/8" NPT)	JRD50-A918W		Muffler	---
16	Water Tube Gland	---		Muffler Bolt Assembly	JRD50-A851
• 17	Tube Gland Gasket	JRD50-223		Muffler Bolt (5)	---
#	Water Tube Assembly	JRD50-A917W		Washer (10)	---
• 18	Tube Gasket	JRD50-283		Lock Washer (5)	---
• 20	Water Tube	---		Nut (5)	---
37	Cylinder	JRD50-3	77	Nameplate	
39	Blowing Connection	JRD50-592		for model JRD50A	JRD50A-301
43	Front Washer Bushing	JRD50-781		for model JRD50B	JRD50B-301
44	Front Washer	JRD50-80		for model JRD50C	JRD50C-301
46	Valve Chest Cover	JRD50-241		Handle Assembly	JRD50-A131
48	Automatic Valve	JRD50-329	91	Handle Bolt	---
49	Valve Chest	JRD50-545	92	Handle Bolt Nut	---
50	Valve Dowel Pin	JRD50-98	93	Handle Bolt Washer (2)	---
51	Rifle Bar	JRD50-316	94	Handle Grip (2)	JRD50-747-2
	Pawl Assembly	JRD50-A43	*	Rock Drill Oil (specially formulated oil for use with percussive construction tools)	
• 52	Rotation Pawl (4)	---		Light Oil (for use when temperature is 90° F [32° C] or below)	
53	Pawl Plunger (4)	---	†		
• 54	Pawl Spring (4)	---			
• 55	Ratchet Ring	JRD50-406		1 gallon container	51378701
56	Rifle Nut	JRD50-317		5 gallon container	51378727
• 57	Piston	JRD50-200		55 gallon container	51378743
	Rotation Sleeve Assembly		†	Light Oil (for use when temperature is above 90° F [32° C])	
	for model JRD50A	JRD50A-A101		1 gallon container	51378693
	for model JRD50B	JRD50B-A101		5 gallon container	51378719
	for model JRD50C	JRD50C-A101		55 gallon container	51378735
58	Rotation Sleeve	---			
59	Sleeve Bushing	---			
	for model JRD50A	JRD50A-38			
	for model JRD50B	JRD50B-38			
	for model JRD50C	JRD50C-38			

* Not Illustrated.

• To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a (•) for every four tools in service.

When converting a Jackhammer from dry to wet operation, use standard hardware and hoses connected to the Gland with a 3/8" NPT Elbow Fitting. Use teflon tape at the Gland and all hardware joints to prevent water leakage.

† Using any oil other than the oil listed may significantly reduce the life of the tool.

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest Ingersoll-Rand Office or Distributor.

Related Documentation

For additional information refer to:

Air Percussive Drill Product Safety Information Manual 04584975, Air Percussive Drill Product Information Manual 04581591.

Manuals can be downloaded from www.irttools.com.



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