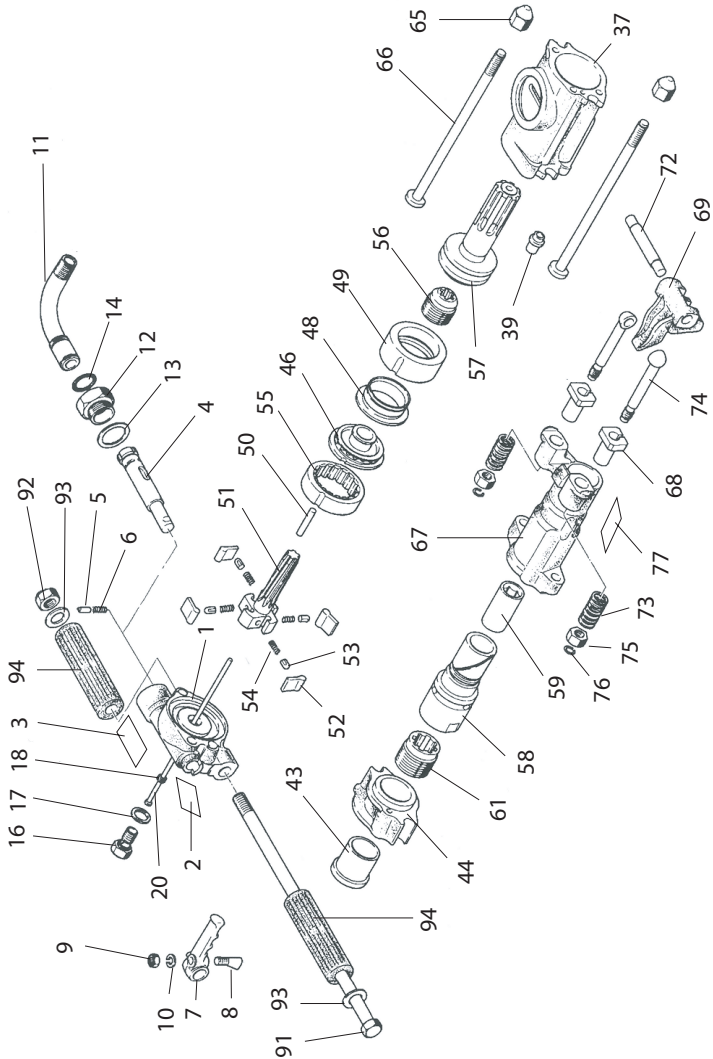


JRD50 Jackhammer™ Exploded Diagram



(Dwg. 16572299)



## JRD50 Jackhammer™ Parts List

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

\* Not included with tool.

• 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.

Air Percussive Drill Maintenance Information Manual 16572000.

Manuals can be downloaded from [ingersollrandproducts.com](http://ingersollrandproducts.com)

