

Operating Instructions and Parts Manual Air/Hydraulic Bottle Jack Models AHJ-12 and AHJ-20



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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; Air Tools
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

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.



- 1. Read and understand all warnings and operating instructions before attempting to use this jack.
- 2. Do not exceed rated capacity. Overloading can cause damage to and/or failure of the jack.
- 3. If jack is damaged and/or operates abnormally, remove from service until repaired.
- 4. Support load by appropriate means after lifting.
- 5. Always center load on the jack.
- 6. Use this jack as a lifting device only.
- 7. Use only on a hard, level surface capable of sustaining the load. Using the bottle jack on other than hard, level surfaces can result in jack instability and possible loss of load.
- 8. Lift only on areas of the vehicle specified by the vehicle manufacturer.
- 9. Always replace damaged, missing or worn labels and use only genuine factory replacement parts when replacement is necessary.
- 10. Only use attachments and/or adapters supplied with, or sold specifically for, the jack.
- 11. No alterations shall be made to this product.
- 12. Failure to comply with all of these warnings may result in loss of load, damage to jack, and/or personal injury or property damage.

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

Specifications

J-20	Model Number
620	Stock Number
20	Rated Load Capacity (ton)
	Shipping Weight (lbs)
20 9.65 8.70 145 6.89 0.86	Rated Load Capacity (ton) Minimum Height (in.) Maximum Height (in.) Air Pressure Required (psi) Base Size (L x W)(in.) Net Weight (lbs)

The above specifications were current at the time this manual was published, 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.

JET AHJ Series Bottle Jacks comply with ANSI/ASME B30.1 and PALD-1 Standards.

(NOTE: Numbers in parentheses refer to item numbers on the breakdown, page 5.)

Inspection Before Use

Prior to each use, visually inspect for leaking hydraulic oil, damaged, loose or missing parts. If jack becomes worn or damaged in any way, or operates abnormally, remove it from service and contact your nearest service center for repair.

Purging the Hydraulic System

During transit, the jack's hydraulic system may become filled with air, causing a spongy ram action. The air should be purged from the system before operating.

- 1. To purge air from the hydraulic system, open the release valve (49) by turning it counterclockwise for 2 to 3 turns.
- 2. Turn the jack 90° to its horizontal position. Be sure that the air motor is underneath the ram assembly (37).

- 3. Connect the air valve (29) to an air supply, and press the lever on the air valve (29) for 20 seconds to operate the jack.
- 4. Close the release valve (49) by turning it clockwise while the jack remains at its horizontal position. If the ram assembly (37) doesn't extend, repeat steps 1 through 4.

Operation

Jack operation is controlled either manually or by external air pressure. To operate manually, insert the handle (61) into the handle socket (60). To operate by air pressure, connect the air valve (29) to an external air pressure source. Clean the air connections and lubricate air motor prior to assembly.

To raise the jack, turn the release valve (49) clockwise until it is tight, and either manually pump with the handle, or press the lever on the air valve (29) if connected to an air supply.

To lower the jack, turn the release valve (49) counterclockwise slightly and very slowly. Do not turn valve too quickly or more than twice.

AWARNING When lowering the jack, do not turn release valve too guickly or turn the valve more than twice. This can cause the load to descend too rapidly creating a dangerous situation.

Maintenance

Maintain oil at full level. To check the oil, proceed as follows:

- 1. With the jack in an upright position and the ram completely retracted, open the release valve (49) by turning it counterclockwise.
- 2. Unscrew and remove the filler plug (31). The oil level should be just up to the hole.
- 3. If necessary, fill with clean hydraulic jack oil.
- 4. Re-install the filler plug (31).

With the release valve (49) open, manually pump the handle six times. This will keep internal components lubricated.

To prevent corrosion, occasionally lubricate the handle socket pivot point (60), release valve screw thread (49), and air valve (29), with a light coat of oil.

Trouble	Probable Cause	Remedy
	Air in hydraulic system.	Bleed air by opening release valve (49). Pump for 20 seconds.
Erratic Action.	Viscosity of oil is too high.	Change to a lower viscosity oil.
	Internal leakage in ram (37).	Replace worn packing. Look for excessive contamination or wear.
	Release valve (49) is open.	Close release valve (49).
	Low or no oil in reservoir.	Fill reservoir with oil and bleed air from system.
Ram does not advance.	Air locked in system.	Bleed air by opening release valve (49). Pump for 20 seconds.
	Load is above capacity.	Use correct equipment rated for that load.
	Low oil level in reservoir.	Fill reservoir with oil and bleed air from system.
Ram does not extend or only partially.	Pump plunger (57) is binding.	Look for dirt, gummy deposits, leaks, misalignment, worn parts, or defective packing.
Dave a duan a standa	Low air pressure.	Adjust air pressure to 90 to 145 psi.
Ram advances slowly.	Leaking seals.	Replace seals.
Ram advances but does	Release valve (49) is open.	Close release valve (49).
not hold load.	Ram seals are leaking.	Replace seals.
	Release valve (49) is closed.	Open release valve (49).
Ram will not retract, or	Reservoir is too full.	Drain oil to correct level.
retracts slowly.	Ram damaged internally.	Take jack to authorized service center for repair.

Troubleshooting the AHJ Bottle Jack



Replacement Parts

Replacement 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. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

Parts List: AHJ-12 Bottle Jack

Index No.	Part No.	Description	Size	Qty
1	AHJ12-1	Pump Cylinder		1
		Y-Seal*		
		Nylon Gasket*		
4	AHJ12-4	Copper Washer		1
		Nut		
		Socket Head Cap Screw		
		Base Cover		
9	SB-3MM	Steel Ball	Ø 3mm	4
		Air Motor Housing		
		Nut		
		Spring		
		Washer		
		Air Pump Plunger		
		Air Piston Base		
		O-Ring		
		Air Shuttle Valve		
17	лы 12-17 Лы 112-18Л	O-Ring	12 7x3 7mm	າ ເ
10		Air Piston Assembly (includes #20,21,77).		ے۲
		Shuttle Valve Seal (RE: AHJ12-19)		
		O-Ring		
		O-Ring		
		Snap Ring		
		O-Ring		
		Coupler		
		Air Hose Assembly		
29	AHJ12-29	Air Valve Assembly		1
30	AHJ12-30G	Oil Tank Assembly		1
31	AHJ12-31	Oil Filler Plug		1
32	AHJ12-32	Snap Ring	Ø 36mm	1
		O-Ring Retainer		
		O-Ring [*]		
		Seal Washer*		
36	AHJ12-36	Piston Ring		1
		Ram Assembly		
		Bushing		
		O-Ring*		
		Snap Ring		
		Steel Ball		
		Safety Valve Ball Seat		
42 Δ3	ΔΗ 112-12			1
		Safety Valve Spring Screw		
 15	ΛΗ 112 12-44	O-Ring*	7 5v2 65mm	າ
		Screw		
		Copper Washer		
4ö	AHJ12-48	Valve Block Assembly		
49	AHJ12-49		~ ~ ~	1
		Steel Ball		
		Link Pin		
		Pin		
		Pump Cylinder		
		O-Ring*		
55	AHJ12-55	Nylon Gasket*	7x12x1.5mm	1
56	AHJ12-56	Dustproof Ring	12.5x18.5x6mm	1
		Pump Plunger		
		Pump Plunger Pin		

59AHJ12-59G	Link		
60AHJ12-60G			
61AHJ12-61	Front Handle		
62AHJ12-62			
63TS-1540031	Hex Nut		
64TS-2361051	Lock Washer	M5	1
65TS-1550031	Flat Washer	M5	1
66TS-2285302	Phillips Pan Head Machine Screw	M5x30	1
67AHJ12-67	Return Spring Assembly		2
	Spring Lid		
71AHJ12-71	Spring Washer		1
72SB-4MM	Steel Ball	ø4mm	1
73AHJ12-73	Retainer		1
74AHJ12-74	Snap Ring		1
75AHJ12-75			
76AHJ12-76	Nylon Gasket	10x14x1.25mm	2
77	O-Ring (RE: AHJ12-19)	5x1.8mm	3
LM000198	I.D. Label, AHJ-12 (not shown)		1
AHJ12-RP	Repair Kit for AHJ-12 *		

Items marked with an asterisk (*) are included in the Repair Kit.

Parts List: AHJ-20 Bottle Jack

Index No. Part No.	Description	Size	Qty
1AHJ12-1	Pump Cylinder		1
	Y-Seal*		
3AHJ12-3	Nylon Gasket*	5.8x12x1.25mm	1
	Copper Washer		
	Nut		
	O-Ring		
7TS-1503051	Socket Head Cap Screw	M6x20	8
	Base Cover		
	Steel Ball		
	Air Motor Housing		
	Nut		
	Spring		
	Washer		
	Air Pump Plunger		
	Air Piston Base		
	O-Ring		
	Air Shuttle Valve		
	O-Ring		
	Air Piston Assembly (includes #20,21,77).		
	Socket Head Cap Screw (RE: AHJ12-19).		
	Shuttle Valve Seal (RE: AHJ12-19)		
	O-Ring		
	O-Ring		
	Top Cover		
	Snap Ring		
	O-Ring		
	Coupler		
	Air Hose Assembly		
	Air Valve Assembly		
	Oil Tank Assembly		
	Oil Filler Plug		
	Snap Ring		
33AHJ20-33	O-Ring Retainer		1

34 AHJ20-34 O-Ring* 46.8x4.6mm. 1 35 AHJ20-35 Seal Washer*. 1 36 AHJ20-36 Piston Ring. 1 37 AHJ20-37 Ram Assembly. 1 38 AHJ20-38 Bushing. 2 39 AHJ20-39 O-Ring* 53x4.6mm. 1 40 AHJ20-40 Snap Ring. 1 1 41 SB-4MM. Steel Ball ø4mm. 1 42 AHJ12-42 Safety Valve Spring. 1 43 AHJ12-43 Safety Valve Adjusting Screw. 1 44 AHJ12-44 Safety Valve Adjusting Screw. 1 45 AHJ12-45 O-Ring* 7.5x2.65mm. 2 46 AHJ12-47 Copper Washer 4 4 47 AHJ12-48 Valve Block Assembly. 2 1 50 SB-6MM Steel Ball ø6mm 1 51 AHJ12-51 Link Pin 2 2 AHJ12-52 Pin 3 53 AHJ12-53G Pump C
36 AHJ20-36 Piston Ring. 1 37 AHJ20-37 Ram Assembly 1 38 AHJ20-38 Bushing 2 39 AHJ20-38 Bushing 2 39 AHJ20-39 O-Ring* 53x4.6mm 1 40 AHJ20-40 Snap Ring 1 1 41 SB-4MM Steel Ball ø4mm 1 42 AHJ12-42 Safety Valve Ball Seat 1 43 AHJ12-44 Safety Valve Adjusting Screw 1 44 AHJ12-45 O-Ring* 7.5x2.65mm 2 46 AHJ12-46 Screw 1 1 47 AHJ12-47 Copper Washer 4 4 48 AHJ12-48 Valve Block Assembly 2 1 50 AB-6MM Steel Ball ø6mm 1 51 AHJ12-51 Link Pin 2 2 AHJ12-52 Pin 3 53 AHJ12-53G Pump Cylinder 1 1 5 AHJ12-54 O-Ring* 7x12x1.5mm 1
37 AHJ20-37 Ram Assembly 1 38 AHJ20-38 Bushing 2 39 AHJ20-39 O-Ring* 53x4.6mm 1 40 AHJ20-40 Snap Ring 1 1 41 SB-4MM Steel Ball
38 AHJ20-38 Bushing 2 39 AHJ20-39 O-Ring* 53x4.6mm 1 40 AHJ20-40 Snap Ring 1 41 SB-4MM Steel Ball ø4mm 1 42 AHJ12-42 Safety Valve Ball Seat 1 43 AHJ12-43 Safety Valve Spring 1 44 AHJ12-44 Safety Valve Adjusting Screw 1 45 AHJ12-45 O-Ring* 7.5x2.65mm 2 46 AHJ12-46 Screw 1 1 47 AHJ12-47 Copper Washer 4 4 8 AHJ12-47 Copper Washer 4 48 AHJ12-48 Valve Block Assembly 2 2 4 9 AHJ12-47 Copper Washer 4 1 5 5 5 5 5 1 5 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 7 5 5 <td< td=""></td<>
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43 AHJ12-43 Safety Valve Spring 1 44 AHJ12-44 Safety Valve Adjusting Screw 1 45 AHJ12-45 O-Ring* 7.5x2.65mm 2 46 AHJ12-46 Screw 1 47 AHJ12-47 Copper Washer 4 48 AHJ12-48 Valve Block Assembly 2 9 AHJ12-48 Valve Block Assembly 2 9 AHJ12-49 Release Assembly 1 50 SB-6MM Steel Ball
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53 AHJ12-53G Pump Cylinder 1 54 AHJ12-54 O-Ring* 7x3mm 2 55 AHJ12-55 Nylon Gasket* 7x12x1.5mm 1 56 AHJ12-56 Dustproof Ring 12.5x18.5x6mm 1 57 AHJ12-57G Pump Plunger 1 1 58 AHJ12-58 Pump Plunger Pin 1 1 59 AHJ12-60G Handle Socket 1 1 60 AHJ12-61 Front Handle 1 1 61 AHJ12-62 Rear Handle 1 1 62 AHJ12-62 Rear Handle 1 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5x30 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 70 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1
54 AHJ12-54 O-Ring* 7x3mm 2 55 AHJ12-55 Nylon Gasket* 7x12x1.5mm 1 56 AHJ12-56 Dustproof Ring 12.5x18.5x6mm 1 57 AHJ12-57G Pump Plunger 1 1 58 AHJ12-58 Pump Plunger Pin 1 1 59 AHJ12-60G Handle Socket 1 1 60 AHJ12-61 Front Handle 1 1 61 AHJ12-62 Rear Handle 1 1 62 AHJ12-62 Rear Handle 1 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ20-73 Retainer 1 1 <t< td=""></t<>
55 AHJ12-55 Nylon Gasket* 7x12x1.5mm 1 56 AHJ12-56 Dustproof Ring 12.5x18.5x6mm 1 57 AHJ12-57G Pump Plunger 1 1 58 AHJ12-58 Pump Plunger Pin 1 1 59 AHJ12-59G Link 1 1 60 AHJ12-60G Handle Socket 1 1 61 AHJ12-61 Front Handle 1 1 62 AHJ12-62 Rear Handle 1 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ20-73 Retainer 1 1 72 SB-4MM Steel Ball Ø4mm 1
56
56
57 AHJ12-57G Pump Plunger 1 58 AHJ12-58 Pump Plunger Pin 1 59 AHJ12-59G Link 1 60 AHJ12-60G Handle Socket 1 61 AHJ12-61 Front Handle 1 62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 70 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ20-71 Spring Washer 1 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-74 Snap Ring 1 1 74 AHJ20-75 Nylon Gasket .14x18x1.25mm 2
58 AHJ12-58 Pump Plunger Pin 1 59 AHJ12-59G Link 1 60 AHJ12-60G Handle Socket. 1 61 AHJ12-61 Front Handle 1 62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 1 74 AHJ20-74 Snap Ring 1 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
59 AHJ12-59G Link 1 60 AHJ12-60G Handle Socket. 1 61 AHJ12-61 Front Handle 1 62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 1 74 AHJ20-74 Snap Ring 1 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
60 AHJ12-60G Handle Socket 1 61 AHJ12-61 Front Handle 1 62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 1 74 AHJ20-74 Snap Ring 1 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
61 AHJ12-61 Front Handle 1 62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
62 AHJ12-62 Rear Handle 1 63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
63 TS-1540031 Hex Nut M5 1 64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 2 70 AHJ20-70G Spring Lid 1 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
64 TS-2361051 Lock Washer M5 1 65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 70 AHJ20-70G Spring Lid 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
65 TS-1550031 Flat Washer M5 1 66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 70 AHJ20-70G Spring Lid 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
66 TS-2285302 Phillips Pan Head Machine Screw M5x30 1 67 AHJ20-67 Return Spring Assembly 2 70 AHJ20-70G Spring Lid 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball Ø4mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
67 AHJ20-67 Return Spring Assembly 2 70 AHJ20-70G Spring Lid 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball 0 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
70 AHJ20-70G 1 71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball 04mm 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket
71 AHJ12-71 Spring Washer 1 72 SB-4MM Steel Ball 1 73 AHJ20-73 Retainer 1 74 AHJ20-74 Snap Ring 1 75 AHJ12-75 Nylon Gasket 14x18x1.25mm 2
72 SB-4MM 1 73 AHJ20-73 Retainer 74 AHJ20-74 Snap Ring 75 AHJ12-75 Nylon Gasket
73 AHJ20-73 1 74 AHJ20-74 1 75 AHJ12-75 Nylon Gasket 1 2 1 1
74AHJ20-74Snap Ring1 75AHJ12-75Nylon Gasket2
75AHJ12-75Nylon Gasket
76
77
LM000199I.D. Label, AHJ-20 (not shown)1
AHJ20-RPRepair Kit for AHJ-20 *

Items marked with an asterisk (*) are included in the Repair Kit.



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