



Allis Chalmers

Parts Manual

615

Backhoe Attachment

Parts Manual

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PARTS LIST

**INDUSTRIAL — 615
BACKHOE**

MANUAL PREVIEW

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BACKHOE MAINFRAME

ITEM NUMBER NO. REQ. DESCRIPTION

1.	1000156	1	Mainframe Assembly
		1	2019469 Bushing, spherical 1-1/2"
		1	1000373 Bushing, spherical 1-3/4"
		1	1000378 Ring, snap
		2	914465 Fitting, lube 1/8" st.
2.	1000237	1	Washer, thrust
3.	915262	2	Nut, lock 5/16" UNF
4.	1000785	2	Chain, transport
5.	916021	2	Capscrew, 5/8" UNF x 2" Grade 5
		1	904209 Washer, lock 5/8"
		1	910124 Nut, 5/8" UNF

6.	921498	4	Washer, flat 5/8"
7.	2018267	2	Washer, special
8.	1000859	2	Pin, rod end stab.
9.	920613	2	Capscrew, 3/8" UNF x 3" Grade 5 1 919219 Nut, lock 3/8" UNF
10.	2017942	2	Pin, stabilizer
11.	919236	2	Capscrew, 1/2" UNF x 4" Grade 5 1 915315 Nut, lock 1/2" UNF
12.	2019911	1	Bracket, tube
13.	912069	1	Capscrew, 3/8" UNC x 2-1/2" Grade 5 1 918308 Nut, lock 3/8" UNC
14.	1000307	1	Bracket, fender right
15.	1000305	1	Bracket, fender left
16.	1000223	2	Bar, tie
17.	2018456	4	Bolt, mount 2 900822 Washer, plain 1 922956 Nut, Gripco 1" UNF
18.	1000331	1	Mount seat
19.	916315	1	Capscrew, 1/2" UNC x 2-1/4" Grade 5
20.	915987	2	Capscrew, 1/2" UNC x 1-1/2" Grade 5
21.	1000362	1	Pin, latch
22.	1000364	1	Spring, latch
23.	911100	2	Washer, plain 5/8"
24.	1000377	1	"E" Ring 5/8"
25.	1000754	1	Pivot seat
26.	1000738	1	Pin, pivot
27.	900808	3	Pin, cotter 1/8"
28.	1000332	1	Tube, seat
29.	905365	1	Ball, 5/8"
30.	2018631	1	Spring
31.	925966	2	Washer, plain
32.	1000346	1	Bracket Assembly & Seat
33.	1000780	1	Bolt, seat 2 911414 Washer, plain 1 1000873 Nut, lock 3/8"
34.	1000662	1	Platform, center
35.	915809	14	Capscrew, 5/16" UNC x 3/4" Grade 5
36.	1000696	1	Platform, right
37.	1000699	1	Platform, left
38.	1000464	1	Cover, control
39.	916284	4	Capscrew, 1/4" UNC x 1/2" Grade 5
40.	2020165	1	Decal, control
41.	1000795	1	Platform, front
42.	920622	2	Capscrew, 5/16" UNF x 1" Grade 5 1 915262 Nut, lock 5/16" UNF
43.	2018508	2	Pin, mounting
44.	920611	2	Capscrew, 3/8" UNF x 3-1/2" Grade 5 1 914929 Nut, lock 3/8" UNF

Not
Shown 924245 1 Decal, trademark combined.

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BACKHOE STABILIZERS & HYDRAULICS

ITEMS NUMBER NO. REQ. DESCRIPTION

1.	1000110	2	Stabilizer Assembly (Incl. items 2 & 3 plus bushing & fitting)
		2	2017929 Bushing, 2" x 2-1/2"
		1	914465 Fitting, lube 1/8" st.
2.	2019672	2	Plate, stabilizer
3.	916325	2	Capscrew, 1/2" UNC x 7", Grade 5
		1	904208 Washer, lock 1/2"
		1	910325 Nut, 1/2" UNC
4.	1000191	2	Spade, stabilizer
5.	913105	8	Capscrew, 1/2" UNF x 1-1/2", Grade 5
		1	904208 Washer, lock 1/2"
		1	910195 Nut, 1/2" UNF
6.	1000114	2	Cylinder Assembly, stabilizer
7.	2017311	2	Pin, stabilizer cylinder tail

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ITEM NUMBER NO. REQ. DESCRIPTION

1.	1000129	1	Swing, frame
2.	1000345	1	Pin, top swing
3.	920613	9	Capscrew, 3/8" UNF x 3" Grade 5
		1	914929 Nut, lock 3/8" UNF
4.	1000236	1	Pin, bottom swing
5.	910851	1	Key, woodruff
6.	917776	1	Nut, lock 1-1/4" UNF
7.	1000889	1	Spring
8.	1000890	1	Cover, spring
9.	1000108	2	Link, swing guide
		2	2018402 Bushing, 1-1/2" x 1-15/16"
		1	914465 Fitting, lube 1/8" st.
10.	1000235	1	Pin, link pivot
11.	920611	1	Capscrew, 3/8" UNF x 3-1/2" Grade 5
		1	914929 Nut, lock 3/8" UNF
12.	1000109	2	Link, swing
		2	2018394 Bushing, 1-1/4" x 1-15/16"
		2	914465 Fitting, lube 1/8" st.
13.	1000348	6	Pin, swing link
14.	1000097	2	Cylinder Assembly, swing
15.	2017945	2	Pin, cylinder tail
16.	921402	6	Elbow, 3/4-16, 90 degree adjustable (Incl. O-Ring)
		1	921349 O-Ring, .644 ID x .087 W.
17.	2018794	4	Hose Assembly, 3/8" 2 Wire x 24" (Incl. O-Ring)
		1	921349 O-Ring, .644 ID x .087 W.
18.	1000393	1	Hose Assembly, 3/8" 2 Wire x 30"
19.	2018380	1	Hose Assembly, 3/8" 2 Wire x 24"
20.	2019890	1	Valve, swing cushion
21.	924296	2	Connector, reducing (Incl. O-Ring)
		1	921206 O-Ring, .924 ID x .116 W.
22.	—	1	Valve Assembly, backhoe swing (See Control Valve Backhoe Swing)

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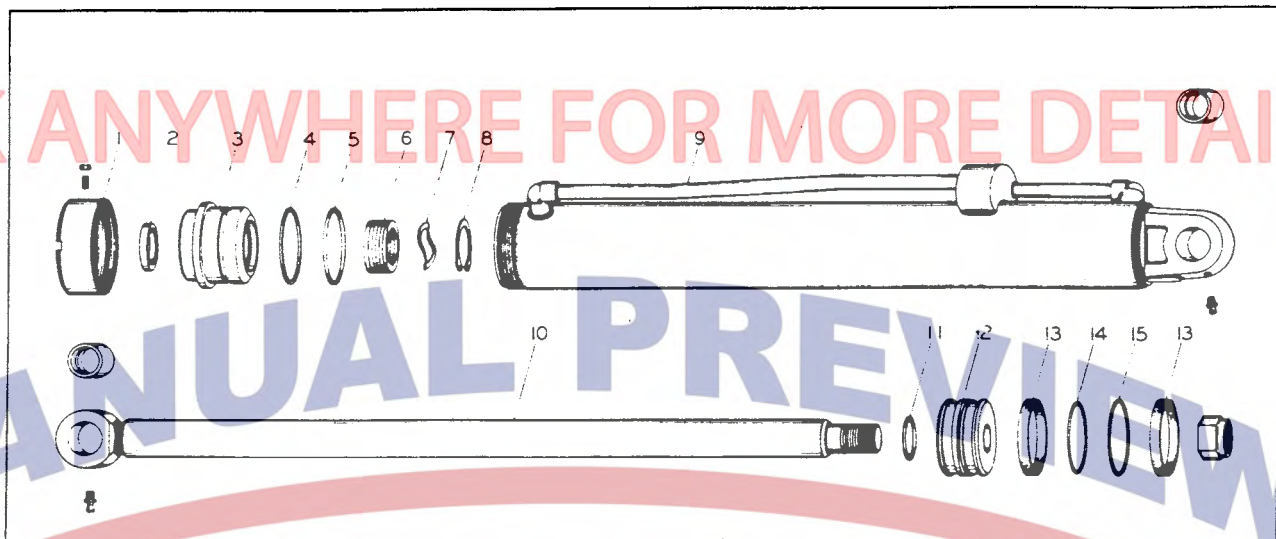


BACKHOE DIPPERSTICK

ITEM NUMBER NO. REQ. DESCRIPTION

1.	2018480	1	Dipperstick Assembly
		2	2017929 Bushing, 2" x 2-1/2"
		2	2018393 Bushing, 1-1/2" x 2-1/2"
		2	2018394 Bushing, 1-1/4" x 1-15/16"
		3	914465 Fitting, lube 1/8" st. screw type
2.	1000085	1	Cylinder Assembly, bucket
3.	2018508	1	Pin, bucket cylinder
4.	920613	4	Cap screw, 3/8" UNF x 3" Grade 5
		1	914929 Nut, locking 3/8" UNF
5.	2017939	1	Arm, bucket actuating
		2	904325 Nut, castle 1" UNF
		2	900811 Pin, cotter 3/16" x 1-1/2"
6.	2018481	1	Link Assembly, bucket actuating
		2	2018402 Bushing, 1-1/2" x 1-15/16"
		2	2018394 Bushing, 1-1/4" x 1-15/16"
		3	914465 Fitting, lube 1/8" st. screw type
7.	2017948	2	Hose Assembly, bucket
8.	921326	2	Connector, st. (Incl. O-Ring)
		1	921205 O-Ring, .755 ID x .097W.
9.	2017946	2	Pin, bucket
10.	2018507	1	Pin, dipper cylinder
11.	924307	2	Decal, trademark combined

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BACKHOE BOOM CYLINDER

ITEM NUMBER NO. REQ. DESCRIPTION

—	1000075	1	Cylinder Assembly, boom
1.	2019978	1	Ring, flange
	1 912235		Set Screw, socket 1/4" x 1/2"
	1 911325		Nut, jam 1/4"
2.	2014686	1	Ring, wiper
3.	2019977	1	Head, cylinder
4.	926629	1	Washer, back-up
5.	923817	1	O-Ring, 3-3/4" ID x 4" OD x 1/8" W.
6.	2018413	1	Packing, "V"
7.	2018412	1	Ring, wavy
8.	2018411	1	Ring, retainer
9.	1000153	1	Tube Assembly, cylinder
	1 2018393		Bushing, 1-1/2" x 2-1/2"
	1 914465		Fitting, lube 1/8" st.
10.	1000621	1	Rod Assembly, piston
	1 2018393		Bushing, 1-1/2" x 2-1/2"
	1 914465		Fitting lube 1/8" st.
	1 1000065		Nut, lock 1-1/2" UNF
11.	925257	1	O-Ring, 2" ID x 2-1/4" OD x 1/8" W.
12.	1000620	1	Piston
13.	2018092	2	Ring, bearing
14.	924187	1	O-Ring, 3-1/2" ID x 3-11/16" OD x 3/32" W.
15.	2018095	1	Ring, piston
—	1000622	1	Repair Kit, major seal (Incl. Items 2, 4, 5, 6, 11, 13, 14, & 15)

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