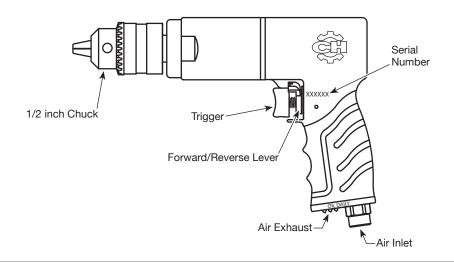
Replacement Parts Manual

1/2 inch Reversible Air Drill



MODEL: CL154600AV



Description

Air drills are designed for drilling, honing, reaming, hole sawing and wire brushing. High torque, low RPM provides extra power for large drill bits.

Specifications

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IN741700AV 10/12

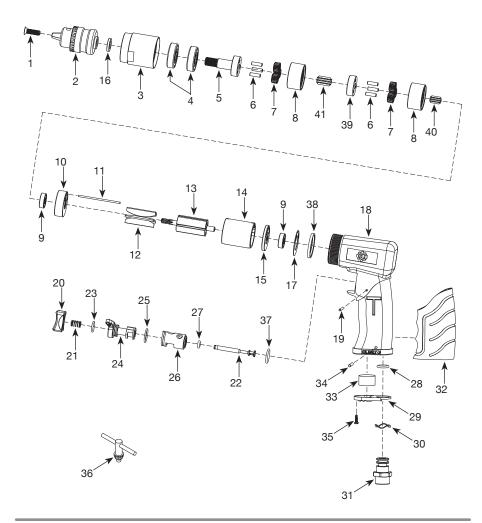
For Replacement Parts or Technical Assistance, Call 1-855-504-5678

Please provide following information:

- Model number
- Serial number (if any)Part description and number as shown in parts list

Address any correspondence to:

Campbell Hausfeld Attn: Customer Service 100 Production Drive Harrison, OH 45030 U.S.A.



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REPLACEMENT PARTS LIST

No. Description No. Qty. 1 Screw ▲■▼ 1 2 Drill chuck ▼ 1 3 Gear housing 1 4 Bearing 1 6 Pin 6 7 Planetary gear 6 8 Internal gear 6 9 Bearing 2 9 Bearing 2 10 Front plate 1 11 Pin 1 12 Rotor blade 5 13 Rotor 1 14 Cylinder 1 15 End plate 1 16 Chuck spacer 1 17 Chuck washer 1 18 Housing 1 20 <t< th=""><th>Ref.</th><th></th><th>Part</th><th></th></t<>	Ref.		Part	
2 Drill chuck		Description	<u> </u>	Qty.
3 Gear housing 1 4 Bearing				
4 Bearing ■ 2 5 Planetary carrier ■ 1 6 Pin ■ 6 7 Planetary gear ■ 6 8 Internal gear ■ 2 9 Bearing ● 2 9 Bearing ■ 2 9 Bearing ■ 0 10 Front plate ■ 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck spacer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger ◆ 1 21 Spring ▲ 1 22 Throttle valve ◆ 1 23			▼	
5 Planetary carrier ■ 1 6 Pin ■ 6 7 Planetary gear ■ 6 8 Internal gear ■ 2 9 Bearing ● 2 10 Front plate ● 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck sasher ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger → 1 21 Spring ▲ 1 22 Throttle valve → 1 23 O-ring A + 1 24 Reverse valve<				
6 Pin 7 Planetary gear 8 Internal gear 9 Bearing 10 Front plate 11 Pin 12 Rotor blade 13 Rotor 14 Cylinder 15 End plate 16 Chuck spacer 17 Chuck washer 18 Housing 19 Pin 20 Trigger 21 Spring 22 Throttle valve 23 O-ring 24 Reverse valve bushing 25 Exhaust diffuser 36 Grip 37 Over the size of t		_	•	
7 Planetary gear ■ 2 8 Internal gear ■ 2 9 Bearing ● 2 10 Front plate ● 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ↑ 1 17 Chuck washer ♠ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger ♣ 1 21 Spring ▲ 1 22 Throttle valve ♣ 1 23 O-ring ▲ 1 24 Reverse valve ♣ 1 25 O-ring ▲ 1 26 Reverse valve bushing ♣ 1 27 O-ring ▲ 1			•	
8 Internal gear ■ 2 9 Bearing ● 2 10 Front plate ● 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck washer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger 1 21 Spring ▲ 1 22 Throttle valve + 1 23 O-ring ▲ 1 24 Reverse valve + 1 25 O-ring A 1 26 Reverse valve bushing + 1 27 O-ring A 1 28 O-ring A 1 2			•	
9 Bearing ● 2 10 Front plate ● 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck washer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger 1 21 Spring ▲ 1 22 Throttle valve 1 23 O-ring ▲ 1 24 Reverse valve 1 25 O-ring A 1 26 Reverse valve bushing 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1	7		•	
10 Front plate ● 1 11 Pin ● 1 12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck washer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger ● 1 21 Spring A 1 22 Throttle valve ● 1 23 O-ring A 1 24 Reverse valve ● 1 25 O-ring A 1 26 Reverse valve bushing ● 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser		_	•	
11 Pin 1 12 Rotor blade 5 13 Rotor 1 14 Cylinder 1 15 End plate 1 16 Chuck spacer A 1 17 Chuck washer A 1 18 Housing 1 19 Pin A 1 20 Trigger + 1 21 Spring A 1 22 Throttle valve + 1 23 O-ring A 1 24 Reverse valve + 1 25 O-ring A 1 26 Reverse valve bushing + 1 26 Reverse valve bushing + 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1	9	Bearing	•	
12 Rotor blade ● 5 13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer A 1 17 Chuck washer A 1 18 Housing 1 19 Pin A 1 20 Trigger 1 21 Spring A 1 22 Throttle valve + 1 23 O-ring A 1 24 Reverse valve + 1 25 O-ring A 1 26 Reverse valve bushing + 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1 32 Grip 1			•	
13 Rotor ● 1 14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck washer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger 1 21 Spring ▲ 1 22 Throttle valve - 1 23 O-ring ▲ 1 24 Reverse valve + 1 25 O-ring A 1 26 Reverse valve bushing + 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1			•	
14 Cylinder ● 1 15 End plate ● 1 16 Chuck spacer ▲ 1 17 Chuck washer ▲ 0 18 Housing 1 19 Pin ▲ 1 20 Trigger + 1 21 Spring ▲ 1 22 Throttle valve + 1 23 O-ring ▲ 1 24 Reverse valve + 1 25 O-ring ▲ 1 26 Reverse valve bushing + 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1 <td>12</td> <td>Rotor blade</td> <td>•</td> <td>5</td>	12	Rotor blade	•	5
15 End plate ● 1 16 Chuck spacer A 1 17 Chuck washer A 1 18 Housing 1 19 Pin A 1 20 Trigger • 1 21 Spring A 1 22 Throttle valve • 1 23 O-ring A 1 24 Reverse valve • 1 25 O-ring A 1 26 Reverse valve bushing • 1 27 O-ring A 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1	13		•	1
16 Chuck spacer ▲ 1 17 Chuck washer ▲ 1 18 Housing 1 19 Pin ▲ 1 20 Trigger → 1 21 Spring ▲ 1 22 Throttle valve → 1 23 O-ring ▲ 1 24 Reverse valve → 1 25 O-ring ▲ 1 26 Reverse valve bushing → 1 27 O-ring ▲ 1 28 O-ring ▲ 1 28 O-ring A 1 29 Exhaust diffuser 1 30 Wave washer A 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1	14	Cylinder	•	1
17 Chuck washer ▲ ● 1 18 Housing 1 19 Pin ▲ ● 1 20 Trigger ● 1 21 Spring ▲ ● 1 22 Throttle valve ● 1 23 O-ring ▲ ● 1 24 Reverse valve ● 1 25 O-ring ▲ ● 1 26 Reverse valve bushing ● 1 27 O-ring ▲ ● 1 28 O-ring ▲ ● 1 28 O-ring ▲ ● 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1	15	End plate	•	1
18 Housing 1 19 Pin ▲ ◆ 1 20 Trigger ◆ 1 21 Spring ▲ ◆ 1 22 Throttle valve ◆ 1 23 O-ring ▲ ◆ 1 24 Reverse valve ◆ 1 25 O-ring ▲ ◆ 1 26 Reverse valve bushing ◆ 1 26 Reverse valve bushing ◆ 1 27 O-ring ▲ ◆ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1	16	Chuck spacer	A	1
19 Pin ▲ ◆ 1 20 Trigger ♦ 1 21 Spring ▲ ◆ 1 22 Throttle valve ♦ 1 23 O-ring ▲ ◆ 1 24 Reverse valve ♦ 1 25 O-ring ▲ ◆ 1 26 Reverse valve bushing ♦ 1 27 O-ring ▲ ◆ 1 28 O-ring ▲ ◆ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	17	Chuck washer	A •	1
20 Trigger ↑ 1 21 Spring ↓ 1 22 Throttle valve ↑ 1 23 O-ring ↓ 1 24 Reverse valve ↑ 1 25 O-ring ↓ 1 26 Reverse valve bushing ↑ 1 27 O-ring ↓ 1 28 O-ring ↓ 1 29 Exhaust diffuser 1 30 Wave washer ↓ 1 31 Air inlet 1 32 Grip 1 33 Muffler ↓ 1 34 Pin ↓ 1	18	Housing		1
21 Spring ▲ ◆ 1 22 Throttle valve ♦ 1 23 O-ring ▲ ◆ 1 24 Reverse valve ♦ 1 25 O-ring ▲ ◆ 1 26 Reverse valve bushing ♦ 1 27 O-ring ▲ ◆ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler A 1 34 Pin A 1	19	Pin	A •	1
22 Throttle valve ↑ 1 23 O-ring ♠ 1 24 Reverse valve ↑ 1 25 O-ring ♠ 1 26 Reverse valve bushing ↑ 1 27 O-ring ♠ 1 28 O-ring ♠ 1 29 Exhaust diffuser 1 30 Wave washer ♠ 1 31 Air inlet 1 32 Grip 1 33 Muffler ♠ 1 34 Pin ♠ 1	20	Trigger	*	1
23 O-ring ▲ ◆ 1 24 Reverse valve ◆ 1 25 O-ring ▲ ◆ 1 26 Reverse valve bushing ◆ 1 27 O-ring ▲ ◆ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	21	Spring	A •	1
24 Reverse valve ↑ 1 25 O-ring ↑ 1 26 Reverse valve bushing ↑ 1 27 O-ring ↑ 1 28 O-ring ↑ 1 29 Exhaust diffuser 1 30 Wave washer ↑ 1 31 Air inlet 1 32 Grip 1 33 Muffler ↑ 1 34 Pin ↑ 1	22	Throttle valve	•	1
25 O-ring ▲ ◆ 1 26 Reverse valve bushing ♦ 1 27 O-ring ▲ ◆ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	23	O-ring	A •	1
26 Reverse valve bushing ↑ 1 27 O-ring ▲ ↑ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 1 34 Pin ▲ 1 1	24	Reverse valve	•	1
27 O-ring ▲ 1 28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	25	O-ring	A •	1
28 O-ring ▲ 1 29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	26	Reverse valve bushing	•	1
29 Exhaust diffuser 1 30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	27	O-ring	A •	1
30 Wave washer ▲ 1 31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	28	O-ring	A	1
31 Air inlet 1 32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	29	Exhaust diffuser		1
32 Grip 1 33 Muffler ▲ 1 34 Pin ▲ 1	30	Wave washer	A	1
33 Muffler	31	Air inlet		1
34 Pin ▲ 1	32	Grip		1
	33	Muffler	A	1
35 Screw ▲ 1	34	Pin	A	1
	35	Screw	A	1

Continued on next page

REPLACEMENT PARTS LIST (CONTINUED)

		,	
Ref. No.	Description	Part No.	Qty.
36	Key	▼	1
37	O-ring	A •	1
38	Ring		1
39	Planetary carrier	•	1
40	Spur gear (0.43 Inch)	•	1
41	Spur gear (0.65 Inch)		1

REPLACEMENT PARTS KITS

Ref. No.	Description	Part No.
A	Tune up kit	SV635900AV
	Planetary gear kit	SV636200AV
•	Motor assembly	SV635700AV
•	Trigger kit	SV635800AV
	Chuck kit	SV634100AV

⁻⁻ Not available