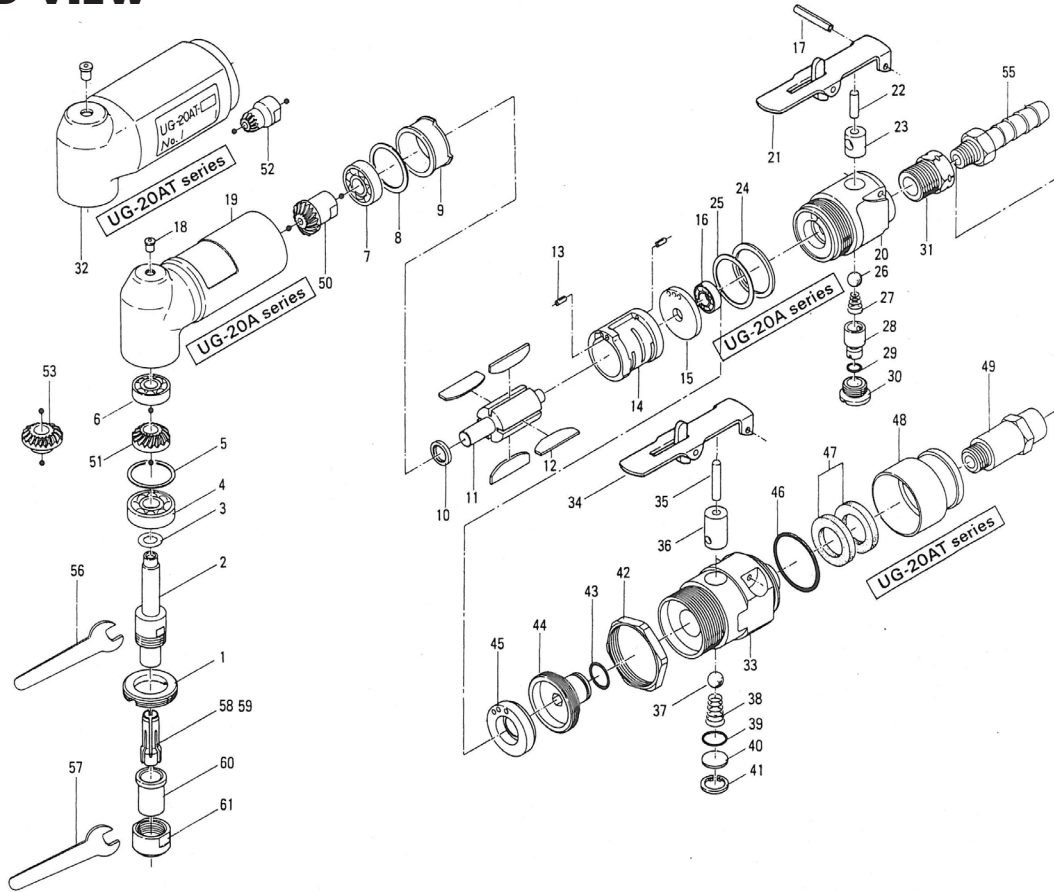


UG-20A SERIES ANGLE DIE GRINDERS

EXPLODED VIEW



PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.
1	517-065-4	Casing Front Plate	1
2	517-390-4	Wheel Spindle	1
3	975-108-0	Spacer (91 x 8.1 x 21-1)	1
4	982-053-0	Ball Bearing (628Z)	1
5	975-806-0	Adjusting Spacer (24 x 20 x T)	1
6	982-014-0	Ball Bearing (607)	1
7	982-045-0	Ball Bearing (608Z)	1 ●
8	975-799-0	Adjusting Spacer (27 x 22 x T)	1
9	517-289-3	Front Plate	1
10	517-305-3	Front Plate Spacer	1
11	517-287-3	Rotor	1
12	517-288-3	Blade	4 ●
13	973-005-0	Roll Pin (2 x 5)	2
14	517-286-3	Cylinder	1
15	517-285-3	Rear Plate	1
16	982-033-0	Ball Bearing (696)	1 ●
17	973-124-0	Roll Pin (3 x 24)	1
18	968-130-0	Grease Cup (3/16)	1
PARTS FOR UG-20A SERIES			
19	517-025-3	Casing	1
20	517-014-3	Valve Body	1
21	500-914-7	Valve Lever Assy	1
22	970-317-0	Pin (H) (4 x 17)	1

Index Number	Part Number	Description	Qty.
23	517-101-3	Valve Bushing	1
24	975-795-0	Adjusting Spacer (29 x 26 x T)	1
25	975-228-0	Spacer (29 x 26 x 1.1)	1
26	981-207-0	Ball (9/32)	1
27	977-060-0	Cone Spring (5 x 8 x 12)	1
28	517-240-2	Regulator Valve	1
29	990-903-0	O-Ring (SNS-5)	1
30	517-019-3	Valve Cover	1
31	546-091-1	Air Inlet Bushing	1
PARTS FOR UG-20AT SERIES			
32	516-025-8	Casing	1
33	516-014-9	Valve Body	1
34	516-914-8	Valve Lever Assy	1
35	970-323-0	Pin (H) (4 x 23)	1
36	500-102-2	Valve Bushing	1
37	981-208-0	Ball (5/16)	1
38	977-123-0	Cone Spring (6.5 x 7.5 x 13)	1
39	973-124-0	Roll Pin (3 x 24)	1
40	539-019-0	Valve Cover	1
41	979-006-0	Inner Snap Ring (13)	1
42	516-736-8	Valve Body Nut	1
43	990-909-0	O-Ring (SNS-112)	2
44	516-012-8	Casing Cover	1

Index Number	Part Number	Description	Qty.
45	516-291-8	Rear Plate Spacer	1
46	990-922-0	O-Ring (SNS-28)	1
47	161-835-3	Filter	2
48	197-782-6	Exhaust Deflector	1
49	197-091-7	Air Inlet Bushing	1
50	517-420-3	Driving Gear	1
PARTS FOR UG-20A(T)-200			
51	517-430-3	Driven Gear	1
52	517-420-5	Driving Gear	1
PARTS FOR UG-20A(T)-120			
53	517-430-5	Driven Gear	1
55	940-114-0	Hose Nipple (NPT1/4 x 3/8)	1
ACCESSORIES			
56	936-514-0	Spanner (14)	1
57	936-517-0	Spanner (17)	1
58	923-201-0	Ericson Chuck (1/4)	1
59	923-207-0	Ericson Chuck (6 mm)	1
60	923-203-0	Ericson Chuck Holder	1
61	923-204-0	Ericson Chuck Nut	1



10000 SE PINE
PORTLAND, OR 97216
503-254-6600
FAX 503-255-2615

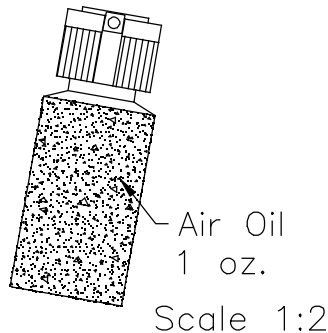
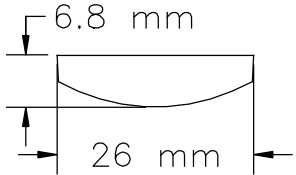
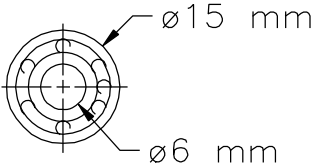
When ordering spare parts, please specify
tool type, part number, and description.

FOOTNOTES

● = Items in Pulse Repair Kit UG-20A-RK

UG-20A-RK

(Kit contains following parts)

#/#	Bin Location	Part Number	QTY	Description	Material	Drawing / Scketch
1	SEWALL	AM-OIL	1	Oil Air Motor 1 oz. fluid	Plastic Container	
2	PA2A	517-288-3	4	Blade 6.85x26x1.85	Phenolic-Fiber	
3	PA2H	982-033-0	1	Ball Bearing(696) 6x15x5	Bearing Steel	
4	PA2H	982-045-0	1	Ball Bearing(608Z) 8x22x7	Bearing Steel	