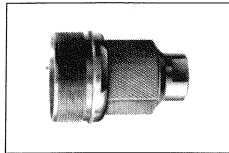
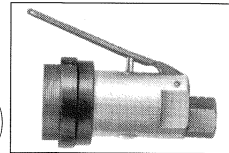


UG-90N, 90NL HORIZONTAL GRINDERS

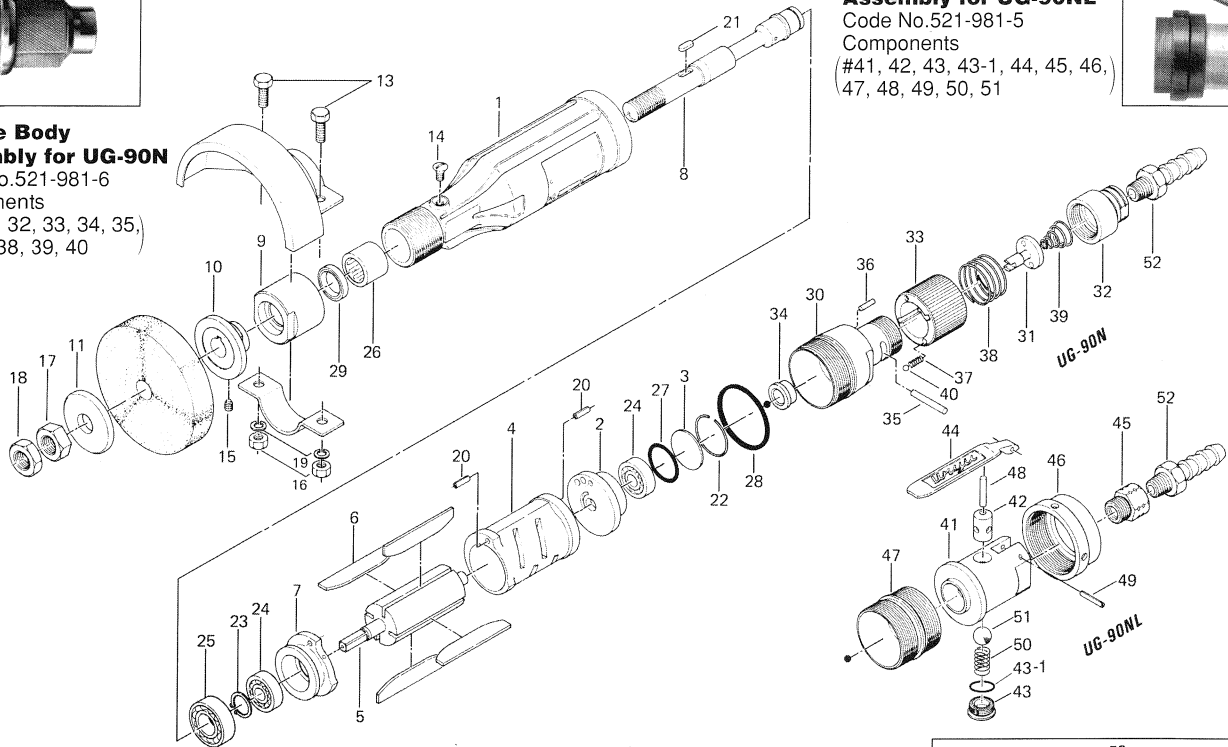
EXPLODED VIEW



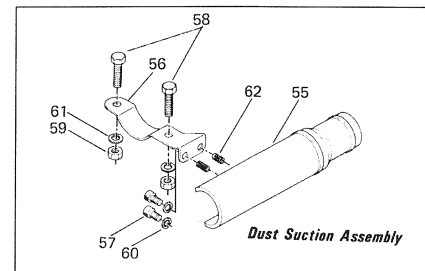
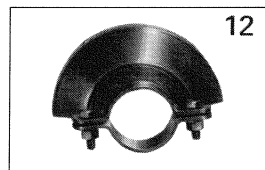
Handle Body Assembly for UG-90N
Code No.521-981-6
Components
#30, 31, 32, 33, 34, 35,
36, 37, 38, 39, 40



Handle Body Assembly for UG-90NL
Code No.521-981-5
Components
#41, 42, 43, 43-1, 44, 45, 46,
47, 48, 49, 50, 51



Wheel Guard



PARTS LIST

Handle Body Assembly Components for UG-90N are marked with "○".
Handle Body Assembly Components for UG-90NL are marked with "X".

Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity
COMMON PARTS				#21	974-112-0	Key (4×12)	1	#43	203-108-1	× Valve Plug	1
# 1	590-025-1	Casing	1	#22	978-310-0	Snap Ring (31×1.2)	1	#43-1	990-908-0	× O-Ring (SNS-10)	1
# 2	521-285-2	Rear Plate	1	#23	979-112-0	Outer Snap Ring (15)	1	#44	425-107-1	× Valve Lever	1
# 3	510-291-1	Rear Plate Spacer	1	#24	982-024-0	Ball Bearing (629)	2	#45	418-091-1	× Air Inlet Bushing	1
# 4	521-286-1	Cylinder	1	#25	982-102-0	Ball Bearing (6002)	1	#46	521-081-5	× Handle Body Locking Nut	1
# 5	521-287-6	Rotor	1	#26	988-019-0	Needle Roller Bearing(NK16/20)	1	#47	521-035-5	× Casing Connector	1
# 6	521-288-1	Blade	4	#27	990-920-0	O-Ring (SNS-25)	1	#48	970-322-0	× Pin (H) (4×22)	1
# 7	521-289-1	Front Plate	1	#28	992-008-0	D-Ring (42×2)	1	#49	973-120-0	× Roll Pin (3×20)	1
# 8	590-390-1	Wheel Spindle	1	#29	995-002-0	Oil Seal (G16×24×3)	1	#50	976-232-0	× Spring (9.5×18)	1
# 9	529-065-1	Casing Front Cover	1	521-981-6 UG-90N Handle Body Assembly				#51	981-210-0	× Ball (3/8)	1
#10	590-393-1	Wheel Holder Flange	1	#30	521-014-7	○ Handle Body	1	Standard Accessories			
#11	590-394-1	Wheel Nut Flange	1	#31	510-100-7	○ Valve	1	#52	940-114-0	Air Hose Nipple (NPT1/4×3/8)	1
#12	590-770-1	Wheel Guard	1	#32	509-091-1	○ Air Inlet Bushing	1	#53	936-053-0	Spanner (23×5×195)	1
#13	946-903-0	Hexagonal Head Bolt (M6×18)	2	#33	510-015-8	○ Valve Handle	1	#54	936-521-0	Spanner (21)	1
#14	949-208-0	Oval Flush Head Screw (M5×8)	1	#34	510-735-7	○ Handle Body Bushing	1	Optional Accessories			
#15	953-208-0	Allen Head Flat Point Screw (M5×8)	1	#35	971-271-0	○ Pin (3.8×30)	1	For 590-746-3 Dust Suction Assembly			
#16	960-041-0	Hexagon Nut (1-M6)	2	#36	970-208-0	○ Pin (H)(3×10)	1	#55	543-542-3	Dust Receiver	1
#17	960-404-0	Hexagon Nut (1-ASAB1.1 1/2-13)	1	#37	976-027-0	○ Spring (3×11)	1	#56	590-079-3	Joint Arm	1
#18	960-405-0	Hexagon Nut (3-ASAB1.1 1/2-13)	1	#38	976-980-0	○ Spring (30×12)	1	#57	945-110-0	Allen Head Bolt (M5×10)	2
#19	962-009-0	Spring Washer (2-6S)	2	#39	977-080-0	○ Cone Spring (7×18×10)	1	#58	946-225-0	Hexagon Head Bolt (M6×25)	2
#20	973-110-0	Roll Pin (3×10)	2	#40	981-003-0	○ Ball (5/32)	1	#59	960-040-0	Hexagon Nut (1-M6)	2
				521-981-5 UG-90NL Handle Body Assembly				#60	962-008-0	Spring Washer (2-5S)	2
				#41	521-014-5	× Handle Body	1	#61	962-009-0	Spring Washer (2-6S)	2
				#42	509-102-2	× Valve Seat	1	#62	965-011-0	Heli-Sert (M5×1.5D)	2

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

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