

UOW-11 AND UOW-T60 SERIES OPEN-END WRENCHES

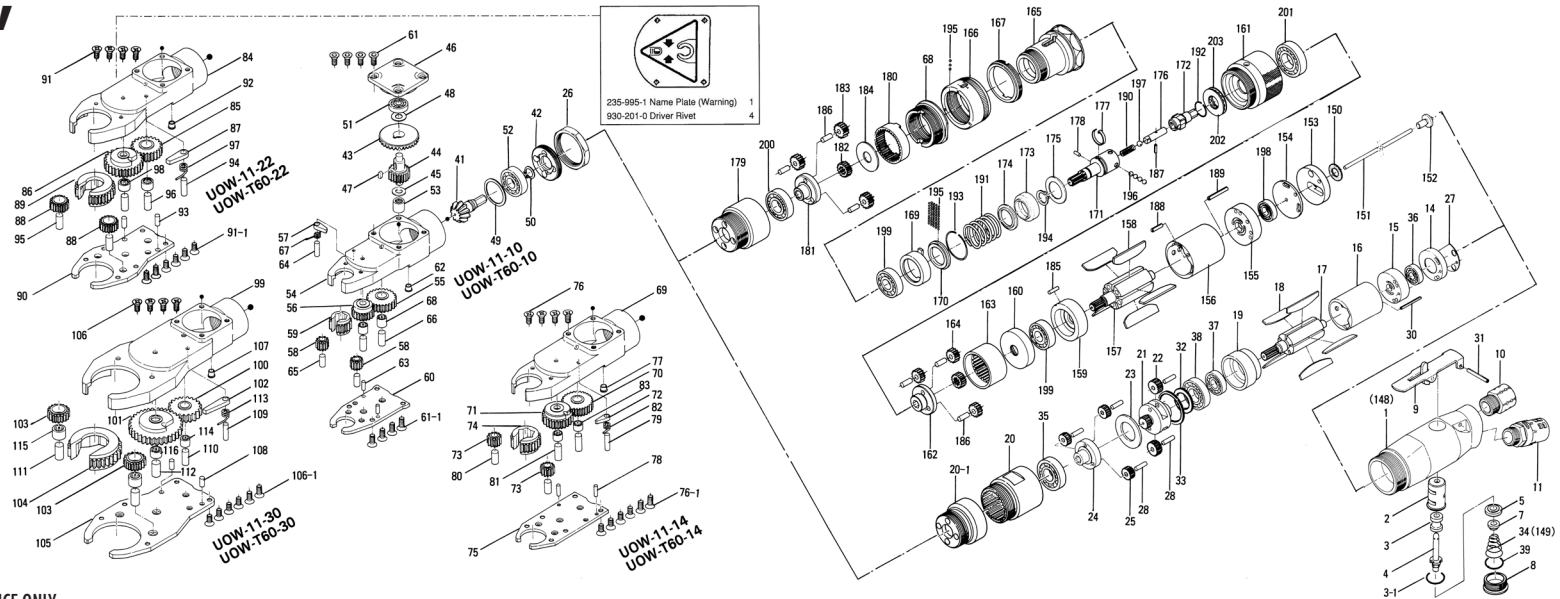
EXPLODED VIEW

235-984-0 Casing Assembly for UOW-11 Series

Components #1, #2, #3, #4, #4-1*, #5, #7, #8, #9, #10, #11, #31, #34, #39, #54
* Do not use #4-1 rod for UOW-11-30

242-984-0 Casing Assembly for UOW-T60 Series

Components #2, #3, #4, #4-1*, #5, #7, #8, #9, #10, #11, #31, #39, #54, #148, #149
* Do not use #4-1 rod for UOW-T60-30



PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.
CASING				19	233-289-1	Front Plate	1	170	499-379-7	Retainer	1	57	233-562-0	Checker	1
1	235-025-0	Casing for UOW-11 series	1	20	233-029-1	Gear Casing	1	171	499-452-7	Cam Guide	1	58	233-450-0	Spur Gear	2
34	977-254-0	Cone Spring (10 x 15 x 16)	1	20-1	233-037-0	Gear Casing Connector	1	172	242-346-1	Cam	1	59	233-447-0	Gear Socket (10)	1
148	242-025-0	Casing for UOW-T series	1	21	233-480-0	First Gear Cage	1	173	499-375-8	Cam Ring	1	60	235-070-0	Gear Casing Cover	1
149	977-256-0	Cone Spring (10 x 15 x 22)	1	22	233-470-0	First Planet Gear	2	174	499-165-7	Spring Holder	1	61	957-318-0	Cross Flush Head Screw (M4 x 8)	8
2	235-101-0	Valve Bushing	1	23	233-483-0	Gear Cage Spacer	1	175	499-682-7	Spacer	1	62	968-130-0	Grease Cup (3/16)	1
3	235-210-0	Reverse Valve	1	24	233-485-0	Second Gear Cage	1	176	471-318-5	Pilot Pin	1	63	972-089-0	Needle Roller (3 x 8)	2
4	241-104-0	Valve Rod	1	25	233-471-0	Second Planet Gear	3	177	499-670-7	Cam Guide Band	1	64	972-115-0	Roller Pin (4 x 16)	1
4-1	242-650-0	Rod (1.2 x 30)	1	27	235-854-0	Casing Packing	1	178	499-764-7	Notch Pin	1	65	972-157-0	Needle Roller (5 x 12)	2
5	235-100-1	Valve	1	28	972-092-0	Needle Roller (3 x 12)	5	179	242-029-0	Gear Casing	1	66	972-216-0	Needle Roller (6 x 16)	2
7	235-106-1	Valve Rod Cap	1	30	973-024-0	Roll Pin (2 x 24)	1	180	242-466-0	Second Internal Gear	1	67	976-926-0	Spring (5.5 x 7)	1
8	566-108-4	Valve Plug	1	32	975-167-0	Spacer (24 x 16 x 1)	1	181	242-485-0	Second Gear Cage	1	68	988-380-0	Needle Roller Bearing (F68)	2
9	508-914-4	Self-Locking Lever Assy	1	33	975-257-0	Spacer (33.8 x 29 x 1.5)	1	182	499-445-3	Second Middle Gear	1	PARTS FOR UOW-11-14 & UOW-T60-14			
10	191-091-5	Air Inlet Bushing	1	35	982-011-0	Ball Bearing (6001)	1	183	499-471-3	Second Planet Gear	3	69	235-032-4	Bevel Gear Casing	1
11	235-885-0	Silencer Assembly	1	36	982-401-0	Ball Bearing (EE-2)	1	184	499-483-7	Gear Cage Spacer	1	70	233-445-5	Middle Gear	1
26	233-073-0	Gear Casing Lock Nut	1	37	982-402-0	Ball Bearing (EE-3)	1	185	971-110-0	Pin (2 x 10)	1	71	233-656-5	Ratchet Gear	1
31	973-124-0	Roll Pin (3 x 24)	1	38	982-403-0	Ball Bearing (EE-4)	1	186	972-111-0	Needle Roller (4 x 1)	6	72	233-562-4	Checker	1
39	990-914-0	O-Ring (SNS-16)	1	PARTS FOR UOW-T60 SERIES				187	969-470-0	Pin (E) (2 x 8)	1	73	233-450-4	Spur Gear	2
41	233-420-0	Driving Gear	1	150	996-422-0	Packing (16 x 10 x 1)	1	188	973-112-0	Roll Pin (3 x 12)	1	74	233-447-4	Gear Socket (14)	1
42	878-161-1	Ball Bearing Support	1	151	242-104-1	Valve Rod (2 x 96.5)	1	189	973-124-0	Roll Pin (3 x 24)	1	75	235-070-4	Gear Casing Cover	1
43	233-430-0	Driven Gear	1	152	242-254-0	Shut off Valve	1	190	976-244-0	Spring (4.5 x 18)	1	76	957-318-0	Cross Flush Head Screw (M4 x 8)	10
44	233-438-1	Driven Gear Spindle	1	153	242-282-1	Casing Bushing	1	191	976-586-0	Spring (25 x 21)	1	77	968-130-0	Grease Cup (3/16)	1
45	470-344-8	Cam Spacer	1	154	242-291-1	Rear Plate Spacer	1	192	978-150-0	Snap Ring (15 x 1)	1	78	972-089-0	Needle Roller (3 x 8)	2
46	233-072-0	Bevel Gear Casing Cover	1	155	242-285-0	Rear Plate	1	193	978-289-0	Snap Ring (29 x 1)	1	79	972-115-0	Roller Pin (4 x 16)	1
47	974-766-0	Key (4 x 6)	1	156	242-286-0	Cylinder	1	194	979-107-0	Outer Snap Ring (10)	1	80	972-212-0	Needle Roller (6 x 12)	2
48	975-749-0	Adjusting Spacer (13 x 6 x T)	1	157	499-287-7	Rotor	1	195	981-000-0	Ball (1/16)	52	81	972-216-0	Needle Roller (6 x 16)	2
49	975-802-0	Adjusting Spacer (26 x 22 x T)	1	158	609-288-1	Blade	5	196	981-003-0	Ball (5/32)	4	82	976-926-0	Spring (5.5 x 7)	1
50	979-107-0	Outer Snap Ring (10)	1	159	499-289-7	Front Plate	1	197	981-004-0	Ball (3/16)	1	83	988-380-0	Needle Roller Bearing (F68)	2
51	982-013-0	Ball Bearing (606)	1	160	499-296-7	Front Plate Spacer	1	198	982-035-0	Ball Bearing (698)	1	PARTS FOR UOW-11-22 & UOW-T60-22			
52	982-100-0	Ball Bearing (6000)	1	161	499-036-7	Hammer Casing Connector	1	199	982-100-0	Ball Bearing (6000)	2	84	234-032-0	Bevel Gear Casing	1
53	988-340-0	Needle Roller Bearing (TLAM69)	1	162	499-480-7	Gear Cage	1	200	982-101-0	Ball Bearing (6001)	1	85	233-445-5	Middle Gear	1
54	990-593-0	O-Ring(5.1 x 1)	1	163	499-465-7	First Internal Gear	1	201	982-102-0	Ball Bearing (6002)	1	PARTS FOR UOW-11-10 & UOW-T60-10			
14	233-291-0	Rear Plate Spacer	1	164	499-470-7	First Planet Gear	3	202	988-837-0	Thrust Needle Bearing (NTB 1226)	1	54	235-032-0	Bevel Gear Casing	1
15	233-285-0	Rear Plate	1	165	499-028-7	Hammer Casing	1	203	988-962-0	Thrust Washer (As 1226)	2	55	233-445-5	Middle Gear	1
16	233-286-0	Cylinder	1	166	499-264-7	Regulating Dial	1	56	233-656-1	Ratchet Gear	1	56	233-656-1	Ratchet Gear	1
17	233-287-0	Rotor	1	167	499-257-7	Regulating Screw	1								
18	233-288-0	Blade	5	168	499-382-7	Hammer Casing Nut	1								
				169	499-164-7	Spring Setter	1								



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When ordering spare parts, please specify tool
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