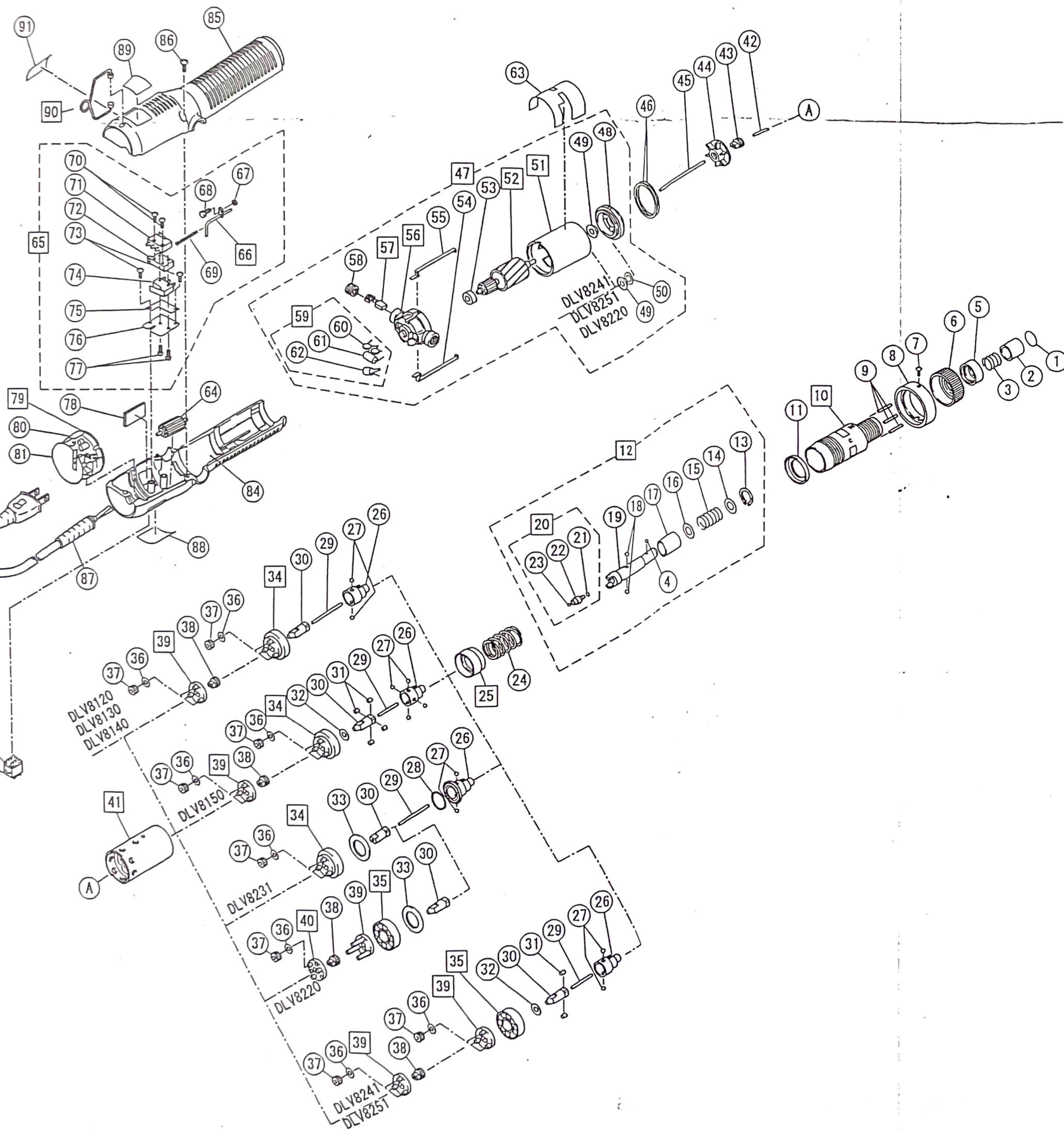


delvo

ELECTRIC SCREW-DRIVER

DLV8120-EJN DLV8220-EJN
DLV8130-EJN DLV8231-EJN
DLV8140-EJN DLV8241-EJN
DLV8150-EKN DLV8251-EKN



No.	Parts Name	Parts No.	Q'ty	Parts No.	No.	Parts Name	Parts No.	Q'ty	Parts No.
1	Stop Ring	TV00149	1	5462316K	39	Gear Base (B) Assembly (DLV8120/8130/8140/8150)	TD00573	1	5462114A
2	Holder Clamp	TV00148	1	5462304K		Gear Base (B) Assembly (DLV8220)	TD00612	1	5462235A
3	Spring	TV00150	1	5462214K		Gear Base (B) Assembly (DLV8241)	TD00546	2	5464501A
4	Steel Ball $\phi 3$ (EJN type)	TP15767	2	5462780K		Gear Base (B) Assembly (DLV8251)	TD00642	2	5464514A
5	Cover	CP20000	2	5462783K	40	Gear Base Assembly (DLV8220)	TD00613	1	5462236A
6	Spring Adjusting Ring	TV00013	1	5462163K	41	Gear Case Assembly (DLV8120/8130/8220)	TD00547	1	5462121A
7	Screw	TV00108	1	5462161K		Gear Case Assembly (DLV8140)	TD00549	1	5462204A
8	Coupling	TV00208	2	5462711K		Gear Case Assembly (DLV8150/8241/8251)	TD00548	1	5464004A
9	Roller Pin $\phi 2 \times 17.8$	TV00107	1	5462162K		Gear Case Assembly (DLV8231)	TD00550	1	5464503A
10	Nose Nut Assembly (DLV8120/8130/8140/8220/8231)	TV00109	3	5462735K	42	Pilot Rod (G)	TV00082	1	5462234K
	Nose Nut Assembly (DLV8150/8251)	TD00571	1	5462138A	43	Motor Gear (DLV8120/8130/8220)	TV00095	1	5462113K
11	Plate for Spring	TD00606	1	5462138B		Motor Gear (DLV8140)	TV00096	1	5462201K
12	Bit Holder Assembly (EJN type)	TV00130	1	5462137K		Motor Gear (DLV8150)	TV00047	1	5464001K
	Bit Holder Assembly (EKN type)	TD00620	1	5462303B		Motor Gear (DLV8231)	TV00097	1	5464504K
13	Stop Ring	TD00621	1	5462328B		Motor Gear (DLV8241)	TV00098	1	5464510K
14	Shim	LP10494	1	5462712K		Motor Gear (DLV8251)	TV00272	1	5464512K
15	Spring	TV00129	1	5462173K	44	Fan (DLV8120/8130/8140/8150/8231)	TD00567	1	5462112K
16	Shim	TV00151	1	5462213K		Fan (DLV8220/8241/8251)	TD00592	1	5462111K
17	Slide Ring	TV00122	1	5462130K	45	Pilot Rod (F)	TV00081	1	5462175K
18	Steel Ball $\phi 3.96$ (5/32")	TV00123	1	5462129K	46	Washer	TV00112	6	5462164K
19	Bit Holder (EJN type)	CP01181	2	5462704K	47	Motor Assembly (DLV8120/8130/8140/8150)	TD00622	1	5462001A
	Bit Holder (EKN type)	TD00570	1	5462303A		Motor Assembly (DLV8220)	TD00623	1	5462017A
20	Pilot (A) Assembly	TD00605	1	5462328A		Motor Assembly (DLV8231)	TD00625	1	5462011A
21	Retaining Ring	TD00572	1	5462133A		Motor Assembly (DLV8241/8251)	TD00627	1	5462021A
22	Pilot (A)	TV00001	1	5462706K	48	End Cover (G)	TV00010	1	5462103K
23	Steel Ball $\phi 1.58$ (1/16")	TV00075	1	5462133K	49	Ball Bearing (DLV8120/8130/8140/8150/8231)	TV00067	1	5462102K
24	Clutch Spring (DLV8120)	TP17155	1	5462705K		Ball Bearing (DLV8220/8241/8251)	TV00065	1	5462122K
	Clutch Spring (DLV8130/8231)	TV00039	1	5462210K	50	Shim (DLV8220/8241/8251)	TV00026	1	5462141K
	Clutch Spring (DLV8140)	TV00249	1	5462237K	51	Yoke Assembly (DLV8120/8130/8140/8150/8220)	TD00577	1	5462002K
	Clutch Spring (DLV8241)	TV00037	1	5462136K		Yoke Assembly (DLV8231/8241/8251)	TD00591	1	5462008K
	Clutch Spring (DLV8150/8251)	TV00038	1	5462205K	52	Rotor Assembly (DLV8120/8130/8140/8150)	TD00575	1	5462001K
25	Taper-Ring Assembly (DLV8120/8130/8140/8220/8231)	TV00040	1	5464032K		Rotor Assembly (DLV8220)	TD00616	1	5462017K
	Taper-Ring Assembly (DLV8150/8241)	TV00143	1	5464008K		Rotor Assembly (DLV8231)	TD00633	1	5462011K
26	Cam Guide (DLV8120/8130/8140)	TD00569	1	5462126A		Rotor Assembly (DLV8241/8251)	TD00638	1	5462021K
	Cam Guide (DLV8150/8241/8251)	TD00551	1	5464007A	53	Ball Bearing	TV00069	1	5462101K
	Cam Guide (DLV8220/8231)	TD00641	1	5464515A	54	Assembling Spring (Lower)	TV00032	1	5462108K
27	Steel Ball $\phi 3.96$ (DLV8120/8130/8140/8220/8231/8241/8251)	TV00124	1	5462125K	55	Assembling Spring (Upper)	TV00033	1	5462109K
28	Steel Ball $\phi 2$ (DLV8220/8231)	TV00021	1	5464006K	56	End Cover (R)	TD00578	1	5462104K
29	Pilot Rod (H)	TV00020	1	5462284K	57	Brush Assembly	TD00579	2	5462252K
30	Cam (DLV8120/8130/8140/8220)	CP01181	2	5462704K	58	Brush Cap	TV00085	2	5462106K
	Cam (DLV8231)	CP01181	4	5462704K	59	Noise-Killer Assembly	TD00581	1	5462423A
	Cam (DLV8150)	TV00121	23	5462703K	60	Capacitor	TV00191	2	5462425K
31	Roller Pin $\phi 4.5 \times 4.5$ (DLV8241/8251)	TV00083	1	5462233K	61	Capacitor	TV00190	1	5462423K
	Roller Pin $\phi 4.5 \times 4.5$ (DLV8150)	TV00017	1	5462124K	62	Coil (B)	TD01807	1	5462420A
32	Shim (DLV8150/8241/8251)	TV00018	1	5464505K	63	Insulating Film (A)	TV00113	1	5462187K
33	Washer (DLV8220/8231)	TV00092	1	5464005K	64	Resistance	TV00093	1	5462424K
34	Gear Base (A) Assembly (DLV8120/8130/8140/8150)	TV00019	1	5465837K	65	Switch Base Assembly	TD00582	1	5462170A
	Gear Base (A) Assembly (DLV8231)	TV00127	2	5464701K	66	Pilot Rod (D) Assembly	TD00583	1	5462168K
35	Bearing Assembly (DLV8220)	TV00027	4	5464701K	67	Nut	TV00101	1	5462709K
	Bearing Assembly (DLV8241/8251)	TV00027	1	5464025K	68	Adjusting Screw	TV00070	1	5462169K
36	Shim (DLV8120/8130/8140/8150/8241/8251)	TV00138	1	5462244K	69	Spring for Pilot	TV00203	1	5462171K
	Shim (DLV8220/8231)	TD00542	1	5462119A	70	Screw	TV00205	2	5462708K
37	Idle Gear (A) (DLV8120/8130)	TD00543	1	5462285A	71	Micro Switch	TV00199	1	5462172K
	Idle Gear (A) (DLV8140)	TD00614	1	5462117A	72	Plate	TV00198	1	5462167K
	Idle Gear (A) (DLV8150)	TV00147	6	5462733K	73	Screw	TV00207	2	5462729K
	Idle Gear (A) (DLV8220)	TV00147	3	5462733K	74	Micro Switch	TV00200	1	5462170K
	Idle Gear (A) (DLV8231)	TV00008	6	5462116K	75	Insulating Plate (B)	TV00117	1	5462427K
	Idle Gear (A) (DLV8241)	TV00007	6	5462002K	76	Switch Base	TV00197	1	5462166K
	Idle Gear (A) (DLV8251)	TV00008	3	5462116K	77	Screw	TV00204	2	5462707K
38	Spindle Gear (DLV8120/8130/8220)	TV00007	3	5464002K	78	Insulating Plate (A)	TV00115	1	5462179K
	Spindle Gear (DLV8140)	TV00007	3	5464002K	79	Control Base Assembly	TD00580	1	5462460K
	Spindle Gear (DLV8150)	TV00005	6	5464508K	80	Insulating Film (B)	TV00114	1	5462189K
	Spindle Gear (DLV8241)	TV00270	6	5464513K	81	Insulating Plate	TV00116	1	5462188K
	Spindle Gear (DLV8251)	TV00051	1	5462118K	82	Change-Over Switch	TV00030	1	5462190A
		TV00052	1	5462203K	83	Rocker (DLV8120)	TV00225	1	5462191K
		TV00154	1	5464003K		Rocker (DLV8130)	TV00100	1	5462192K
		TV00053	1	5464509K		Rocker (DLV8140)	TV00099	1	5462193K
		TV00271	1	5464511K		Rocker (DLV8150)	TV00230	1	5462196K
						Rocker (DLV8220)	TV00252	1	5462194K
						Rocker (DLV8231/8241/8251)	TV00258	1	5462195K
84	Frame (A)	TD00565	1	5462110K					
86	Screw	TV00209	3	5462710K					
87	Cord Assembly	TD00596	1	5465004K					
88	Name Label								
89	Rating Plate								
90	Lifting Hook Assembly	TD00585	1	5462181K					
91	Warning Label								



THIRD ANGLE DRAWING	NITTO KOHKI CO., LTD.			
DIMENSION IN				
SCALE				
DATE DEC. 3. 1990	DRAWING TITLE	PARTS LIST		
ORDER NO.	DLV8100/8200-EJN/EKN			
APPROVED	CHECKED	DESIGNED	DRAWN	DRG. NO.
K. Fujita	S. Kato	Tokamoto	Tokamoto	OW20245f