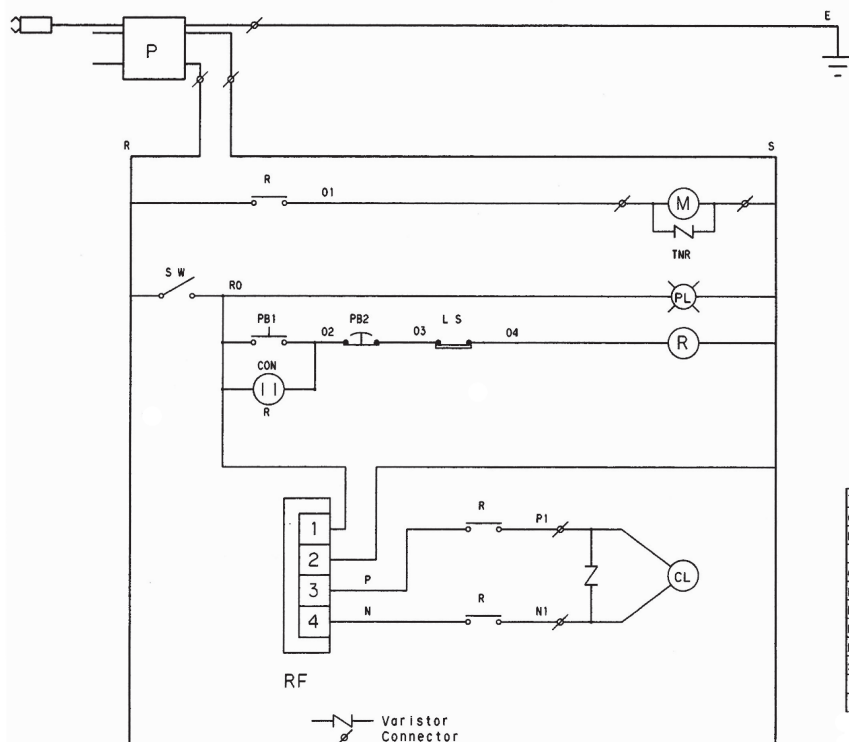




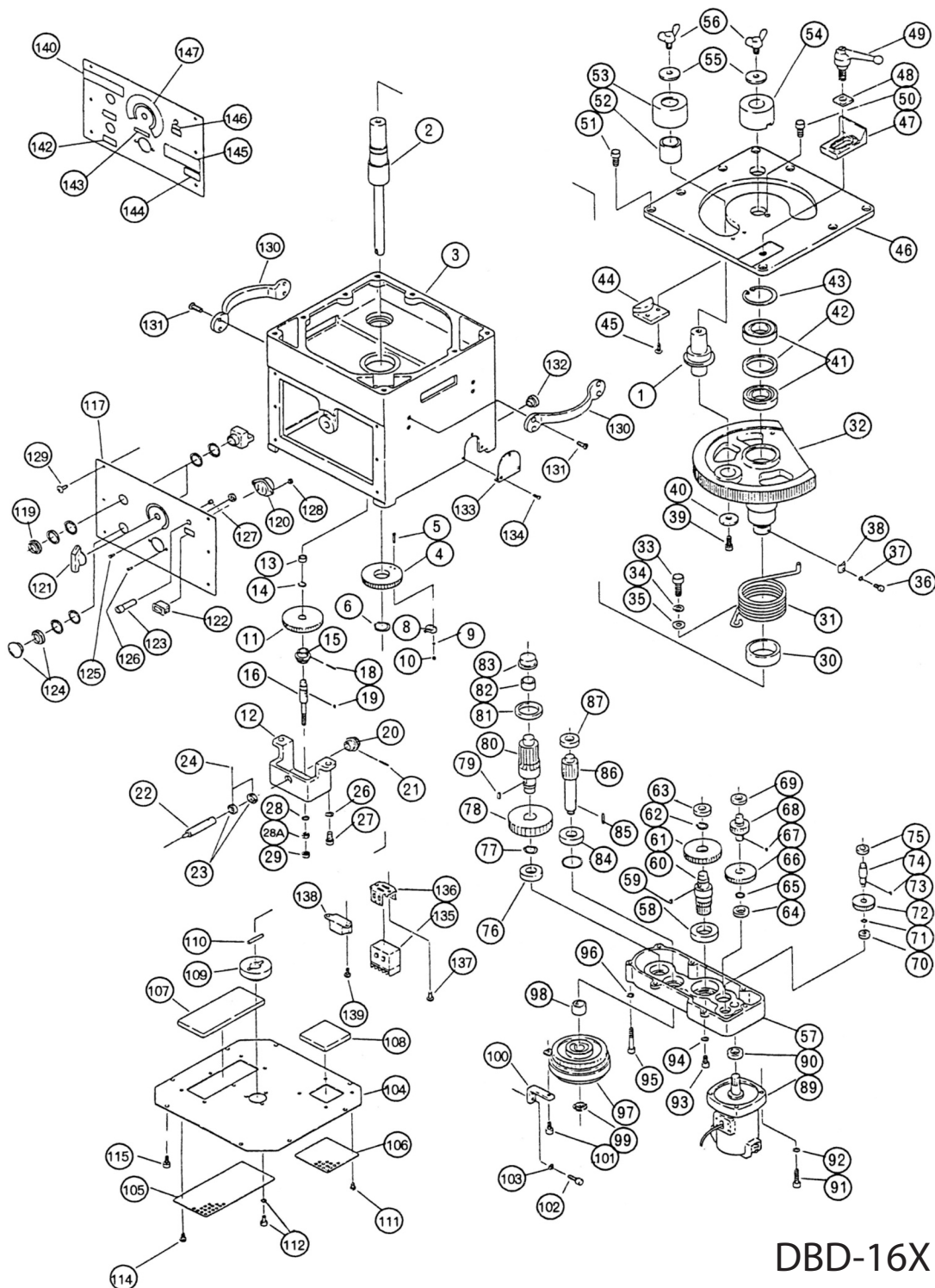
BN PRODUCTS-USA, LLC.

DBD-16X Rebar Bender Parts Manual



TNR	Varistor	TNR15G471K	1
C L	Clutch	TMC-2.5WG	1
R F	Clutch Terminal	ORM-0309F-02	1
R	Relay	G7J-4A-B	1
CON	Socket	S2701B-01	1
L S	Limit Switch	SS-5GL2	1
PB2	Emergency Switch	BN-25M-01R	1
PB1	Operation Switch	BN-25F-10	1
P L	Pilot Lamp	LMS-58P-0	1
S W	Main Switch	AJ8111B	1
M	Motor		
P	Plug	X018	1

DBD-16X
Wiring Diagram



DBD-16X



BN PRODUCTS-USA, LLC.

No.	Part No.	Part Name	Qty
1	1BL9402301	SWIVEL SHAFT	1
2	1BL9302100	MAIN SHAFT	1
3	1BL9100105	FRAME	1
4	1BL9404400	ANGLE GEAR (B)	1
5	7PB2.3025	TAPPING SCREW M2.3X25	2
6	7SRS30	SNAP RING S30	1
8	7SS5GL2	LIMIT SWITCH	1
9	7SW002.3	SPRING WASHER M2.3	2
10	7N002.3	NUT M2.3	2
11	1BL9404300	ANGLE GEAR (A)	1
12	1BL9303802	ANGLE STAND	1
13	7MB1010DU	DRIVE BUSH	1
14	7SRS12	SNAP RING S12	1
15	1BL9403900	NUT M10	1
16	1BL9404200	ANGLE SHAFT (B)	1
18	7SP04020	SPRING PIN	1
19	1BL9400601	KEY NO.1	1
20	1BL9403900	PLASTIC GEAR	1
21	7SP04020	SPRING PIN	1
22	1BL9404001	ANGLE SHAFT (A)	1
22A	1BL9405900	ANGLE SPRING	1
23	1BL9404100	ANGLE COLLAR	1
24	7SS04005	SET SCREW M4X5	1
26	7SW0008	SPRING WASHER M8	2
27	7CB08020	CAP BOLT M8X20	2
28	7WW0008	WAVE WASHER M8	1
28A	7PW0008	PLATE WASHER M8	1
29	7N0008	NUT M8	2
30	1BL9405801	SPRING COLLAR	1
30A	760102RS	BALL BEARING 60102RS	1
31	1BL9302601	RETURN SPRING	1
32	1BL9102000	SWIVEL GEAR	1
33	7CB08020	CAP BOLT M8X20	1
34	7SW0008	SPRING WASHER M8	1
35	7PW0008	PLATE WASHER M8	1
36	7CB05012	CAP BOLT M5X12	1
37	7SW0005	SPRING WASHER M5	1
38	1BL5403200	LS DOCK	1
39	7SW0010	SPRING WASHER M10	1
39A	7B10025	BOLT M10X20	1
40	1BL9402500	WASHER	1

No.	Part No.	Part Name	Qty
41	760/32ZZ	BALL BEARING 60/322ZZ	2
42	1BL9402200	BEARING COLLAR	1
43	7SRH58	SNAP RING H58	1
44	1BL9403000	ARM STOPPER	1
45	7FB06020	SCREW M6X20	2
46	1BL9102700	BASE PLATE	1
47	1BL9302802	STOPPER	1
48	1BL9402901	STOPPER HOLDER	1
49	7LDM1663SG	CLAMP LEVER	1
50	7CB06012	CAP BOLT M6X12	1
51	7CB08020	CAP BOLT M8X20	8
52	76206ZZ	BALL BEARING 6206ZZ	6
52A	7HSL06	NEEDLE BEARING HSL06	1
52B	7BR47	SNAP RING BR47	1
53	1BL9405301	ROLLER 10	1
	1BL9405301	ROLLER 13	1
	1BL9405501	ROLLER 16	1
	1BL9405601	ROLLER 19	1
54	1BL9405000	COLOR 13	1
	1BL9405100	COLOR 16	1
	1BL9405200	COLOR 19	1
55	1BL9402500	WASHER	2
56	7WB10015	WING BOLT M10X15	2
57	1BL9100202	GEAR CASE	1
58	760/28ZZ	BALL BEARING 60/28ZZ	1
59	1BL9401201	KEY NO. 3	1
60	1BL9401100	PINION NO. 2	1
61	1BL9401000	GEAR NO. 2	1
62	7SRS20	SNAP RING S20	1
63	76002ZZ	BALL BEARING 6002ZZ	1
64	76001ZZ	BALL BEARING 6001ZZ	1
65	7SRS16	SNAP RING S16	1
66	1BL9400702	GEAR NO. 1	1
67	1BL9400901	KEY NO. 2	1
68	1BL9400801	PINION NO. 1	1
69	76001ZZ	BALL BEARING 6001ZZ	1
70	7698ZZ	BALL BEARING 698ZZ	1
71	7SRS10	SNAP RING S10	1
72	1BL9400402	COUNTER GEAR	1
73	1BL9400601	KEY NO. 1 (4X4X6)	1
74	1BL9400500	COUNTER SHAFT	1



BN PRODUCTS-USA, LLC.

No.	Part No.	Part Name	Qty
75	76900ZZ	BALL BEARING 6900ZZ	1
76	76004ZZ	BALL BEARING 6004ZZ	1
77	7SRS25	SNAP RING S25	1
78	1BL9401702	GEAR NO. 3	1
79	1BL9401901	KEY NO. 5	1
80	1BL9401800	PINION NO. 4	1
81A	7V40S	V RING 40S	1
81B	1BL9408200	PINION COLLAR	1
82	7TLA2016Z	NEEDLE BEARING	1
83	1BL9405700	BEARING BOSS	1
84	76004ZZ	BALL BEARING 6004ZZ	1
85	1BL9401501	KEY NO. 4	1
86	1BL9401401	PINION NO. 3	1
87	76202ZZ	BALL BEARING 6202ZZ	1
89	1C1961DBD	MOTOR ASSEMBLY	1
90	76902ZZ	BALL BEARING 6902ZZ	1
91	7CB06030	CAP BOLT M6X30	4
92	7SW0006	SPRING WASHER M6	4
93	7CB06015	CAP BOLT M6X15	4
94	7SW0006	SPRING WASHER M6	4
95	7CB06050	CAP BOLT M6X50	5
96	7SW0006	SPRING WASHER M6	5
97	1BDL401162	CLUTCH TMC2.5KW	1
97A	1BDL400242	CLUTCH GEAR	1
97B	76904ZZ	BALL BEARING 6904ZZ	2
97C	7SRH37	SNAP RING H37	1
97D	1BDL400280	COLLAR	1
98	1BL9401300	CLUTCH COLLAR	1
99	7FU02SC	U NUT	1
100	1BL9401600	CLUTCH HOLDER	1
101	7CB05012	CAP BOLT M5X12	1
102	7CB05012	CAP BOLT M5X12	2
103	7SW 0005	SPRING WASHER M5	2
104	1BL9303202	BOTTOM PLATE	1
105	1BL9303600	FILTER COVER A	1
106	1BL9403700	FILTER COVER B	1
107	1BL9403400	FILTER A	1
108	1BL9403500	FILTER B	1
109	1BL9403300	BOTTOM CLAMP	1
110	7PP04040	PIN 4X40	1
111	7P204010	SCREW WITH WASHER M4X10	4

No.	Part No.	Part Name	Qty
112	7UB2W05012	SET BOLT WITH WASHER M5X12	3
114	7P204010	SCREW WITH WASHER M4X10	4
115	7UB2W06012	SET BOLT WITH WASHER M6X12	8
117	1BL9204902	CONTROL PANEL	1
119	7BN25F10	ORERATION SWITCH	1
120	7S2701B01	SOCKET FOR FOOT SWITCH	1
121	1BL9401504	ANGLE SETTER	1
122	7AJ8101B	MAIN SWITCH	1
123	7LMS5BPO	PILOT LAMP	1
124	7BN25M01R	EMERGENCY STOP SWITCH	1
125	7YB05015	BUTTON SCREW M5X15	2
126	7P303010	SCREW WITH WASHER M3X10	2
127	1BL5404200	ANGLE PLATE	2
128	7N0003	NUT M3	2
129	7TS05010	SCREW M5X10	6
130	7A691BK	HANDLE	1
131	7FB08015	SCREW M8X15	1
132	7DDB1520	BUSH	1
133	1BL9403100	BRUSH COVER	1
134	7P204010	SCREW WITH WASHER M4X10	3
135	7G7J4AT	RALAY	1
136	7R9904	RALAY CLAMP	1
137	7P204015	SCREW WITH WASHER M4X15	2
138	7ORM0309H	CLUTCH TERMINAL	1
139	7P204015	SCREW WITH WASHER M4X15	2
	"AMERICAN ROLLERS"		
	1BL9419330	ROLLER NO.1	
	1BL9419340	ROLLER NO.2	
	1BL9419350	ROLLER NO.3	
	1BL9419360	ROLLER NO.4	
	1BL9419370	ROLLER NO.5	
	1BL9419380	ROLLER NO.6	