



INSTRUCTION MANUAL

... with Replacement Parts



POWER DRIVE UNIT MODELS: PD35 PD70

(INCLUDES MOTOR PARTS)

ML-19812 PD35
ML-19813 PD70

POWER DRIVE INSTRUCTIONS

PD35/PD70 Power Drive Unit

The power drive unit is a self-contained power drive for certain attachments. It is supplied with a 6 ft. grounding type electrical cord and an "On/Off" switch. It is designed to drive only the power dicer attachment or the 9" slicer attachment with its slicer, shredder or grater options.

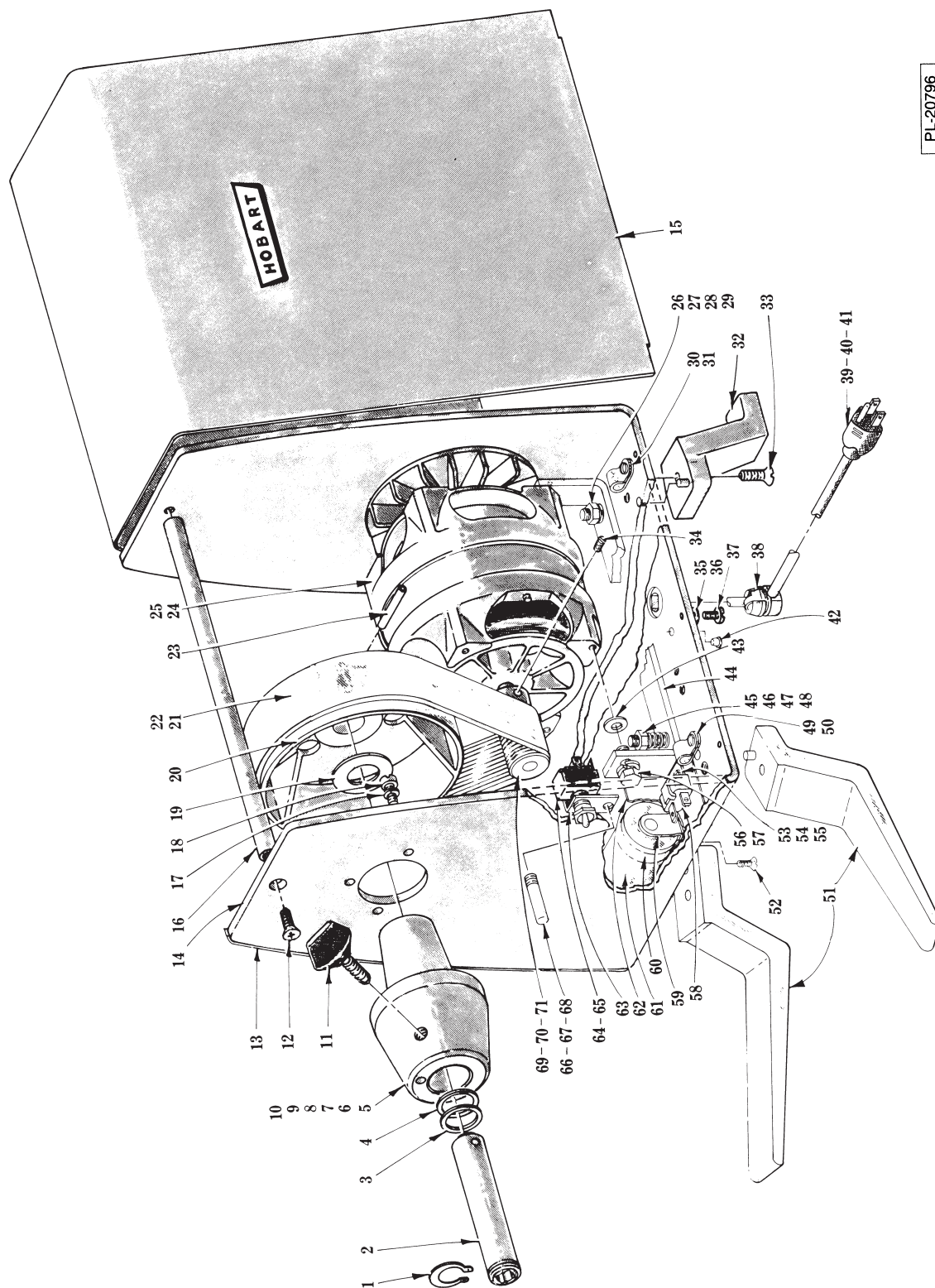
The model PD35 has a 350 RPM drive speed and is designed to drive either the power dicer or the 9" slicer attachments.

The model PD70 operates at 700 RPM and is

designed to drive the 9" slicer attachment (with its options), BUT NOT THE POWER DICER. An optional position is provided for the front legs to permit a slicer to discharge over the edge of the table.

The motors of all attachment power units are permanently lubricated so will require no further lubrication. The sealed shell type needle bearings of the hub assembly are grease packed at assembly so will not require operator lubrication.

The stainless steel housing, along with the chromed attachment hub, may be easily wiped off with a damp cloth to keep unit in a clean condition.



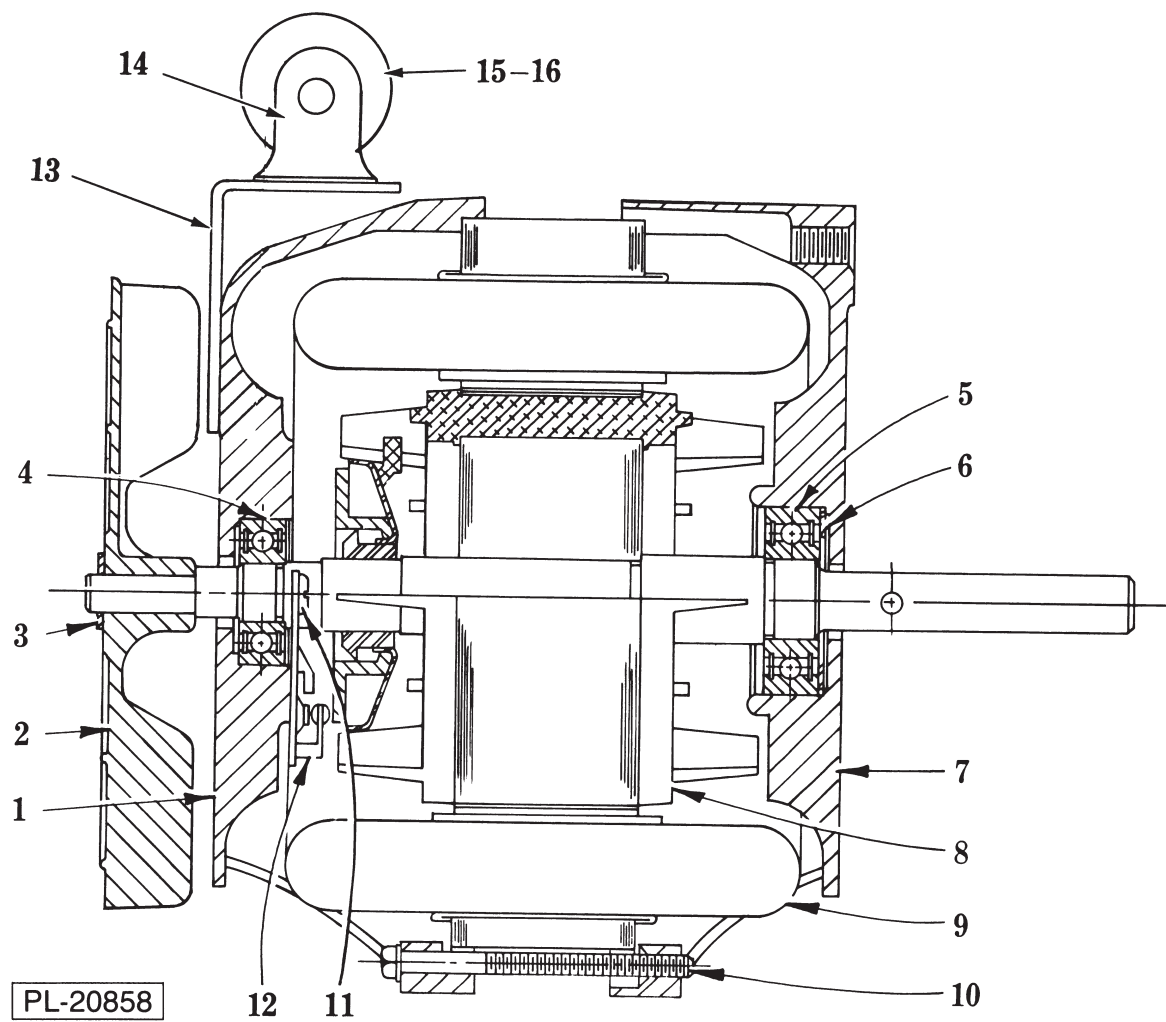
PL-20796

POWER DRIVE UNIT

POWER DRIVE UNIT

ILLUS. PL-20796	PART NO.	NAME OF PART ³⁰	AMT.
1	RR-9-4	Retaining Ring	1
2	76868	Sleeve - Drive	1
3	WS-25-5	Washer (SST)	1
4	WS-25-4	Washer (Fiber)	1
5	76864	Hub Assy. (Incls. item 6)	1
6	76866	Needle Bearing	2
7	118159-1	Shim (.002 Thk.)	1
8	118159-2	Shim (.005 Thk.)	1
9	118159-3	Shim (.008 Thk.)	1
10	118159-4	Shim (.015 Thk.)	1
11	108197-1	Thumb Screw	1
12	SC-14-95	Mach. Screw 1/4-28 x 5/8 Flat Hd	2
13	526192	Tape - Gray Vinyl Foam	AR
14	290246-2	Frame Assy. (Incls. Welded Tie Rod)	1
15	76888	Cover & Logo Plate Assy	1
16	76860	Rod - Tie	1
17	WL-3-48	Lock Washer - 5/16 High Collar	3
18	SC-12-94	Mach. Screw 5/16-18 x 3/4 Fil. Hd	3
19	WS-13-41	Washer (Fiber)	AR
20	76869	Pulley - Flat	1
21	76870-1	Belt - Poly V (24") (PD35)	1
22	76870-2	Belt - Poly V (26") (PD70)	1
23	RP-4-28	Rollpin 1/4 Dia. x 1 3/4 Lg	1
24	290291-1	Motor Assy. (Incls. Capacitor & items 34, 69 & 71) (PD35)	1
25	290291-2	Motor Assy. (Incls. Capacitor & items 34, 69 & 71) (PD70)	1
26	NS-13-14	Mach. Nut 5/16-18 Hex	2
27	WL-3-48	Lock Washer 5/16 High Collar	2
28	SC-14-65	Mach. Screw 5/16-18 x 1 Flat Hd	2
29	PB-4-48	Cap	4
30	SC-18-52	Mach. Screw 10-24 x 5/16 Pan Hd	1
31	78752-3	Clamp - Cable (PD70)	1
32	76877	Leg Assy. (Short) (Rear)	2
33	SC-14-65	Mach. Screw 5/16-18 x 1 Flat Hd	4
34	SC-88-70	Set Screw 10-24 x 1/4 Soc. Hdl., Kn. Cup Pt	1
35	WS-19-20	Washer (.0625 Thk.)	AR
36	WS-23-3	Washer (.0312 Thk.)	AR
37	SD-24-1	Self-Tapping Screw 10-24 x 3/8 Pan Hd., Type TT	6
38	FE-15-5	Strain Relief	1
39	117542-21	Cord & Plug Assy. (3 Cond. under 150 V.)	1
40	SC-18-52	Mach. Screw 10-24 x 5/16 Pan Hd. (Ground Wire to Frame)	1
41	WL-7-12	Lock Wsher 10 Ext. Shakeproof	1
42	72084	Cap - Caplug (Tapered)	4
43	WS-17-16	Washer	2
44	290243	Bracket - Motor Mount	2
45	NS-31-26	Stop Nut 5/16-18 "Elastic"	1
46	290240	Spring - Tension	1
47	SC-14-5	Mach. Screw 5/16-18 x 1 3/4 Flat Hd	1
48	WL-9-14	Lock Washer 5/16 Countersunk	2
49	SC-18-52	Mach. Screw 10-24 x 5/16 Pan Hd	1
50	78752-12	Clamp - Cable	1
51	76861	Leg Assy. (Long) (Front)	2
52	SD-24-16	Self-Tapping Screw 10-24 x 1/2 Phil. Flat Hd., Type TT	2
53	SC-9-82	Mach. Screw 8-32 x 5/16 Rd. Hd	1
54	WL-3-13	Lock Washer 8 Medium	1
55	76998	Clip - Mounting	1
56	WL-3-44	Lock Washer 5/16 Medium	4
57	SC-37-75	Cap Screw 5/16-18 x 3/4 Hex Hd	4
58	185001	Protector - Motor	1
*59	66621-3	Bracket - Capacitor	1
*60	70486-1	End Cap - Capacitor	1
*61	70487-13	Capacitor - 50/60	1
62	290151	Insulator - Motor Protection	1
63	A-286	Lock - Switch	1
64	76612	Plate - Switch Indicator	1
65	87711-148-1	Switch (2 P.S.T.) (Incls. Nuts)	1
66	A-767	Guard - Switch	1
67	NS-9-22	Mach. Nut 10-24 Hex	1
68	WL-6-6	Lock Washer 10 Light	1
69	290241	Pulley - Drive (1.3 P.D.) (PD35)	1
70	290242	Pulley - Drive (2.6 P.D.) (PD70)	1
71	12430-72	Key	1

*Hobart Built Motor Only.



MOTOR UNIT

MOTOR UNIT

ILLUS. PL-20858	PART NO. HOBART BUILT MOTORS	PART NO. MOTORS BUILT BY OTHERS	NAME OF PART ³⁰	AMT.
1	*	**	Bracket - Bearing (Switch End)	1
2	111493-2	292466-2	Fan - Ventilating	1
3	RR-7-18	RR-7-18	Retaining Ring	1
4	BB-18-12	**	Ball Bearing - Hoover #620122	1
5	BB-20-18	**	Ball Bearing - Hoover #77203	1
6	SL-2-10	**	Loading Spring - N.D. #S-17-A	1
7	111834	**	Bracket - Bearing (Drive End)	1
8	22275-196	**	Rotor Assy	1
9	65477-110-1	**	Stator Assy. (115 V., 60 Hz., 1 Ph.)	1
10	101233-3	**	Mach. Screw 8-32 x 3 Hex Washer Hd	4
11	SD-9-34	**	Self-Tapping Screw 6-32 x 3/8 Phil. Pan Hd., Type F	2
12	111688-4	**	Switch - Starting (Stationary Part)	1
13	— — —	290290	Bracket - Capacitor Mounting	1
14	— — —	66621-1	Bracket - Capacitor	1
15	— — —	70487-1	Capacitor 50/60 Hz	1
16	— — —	70486-2	End Cap - Capacitor	1

*Order 270473-1 To Convert to Motor Built by Others.

**Not Available, Order Motor Built by Others. 290291-1 for PD35 or 290291-2 for PD70 (Incls. Stator, Rotor, Bearings, Starting Switch, Pulley & Capacitor).

NOTE: See Page 5 for Capacitor used with Hobart Built Motors.

First Machines with Motor Built by Others

PD35 S/N 27-117-670

PD70 S/N 27-117-667

