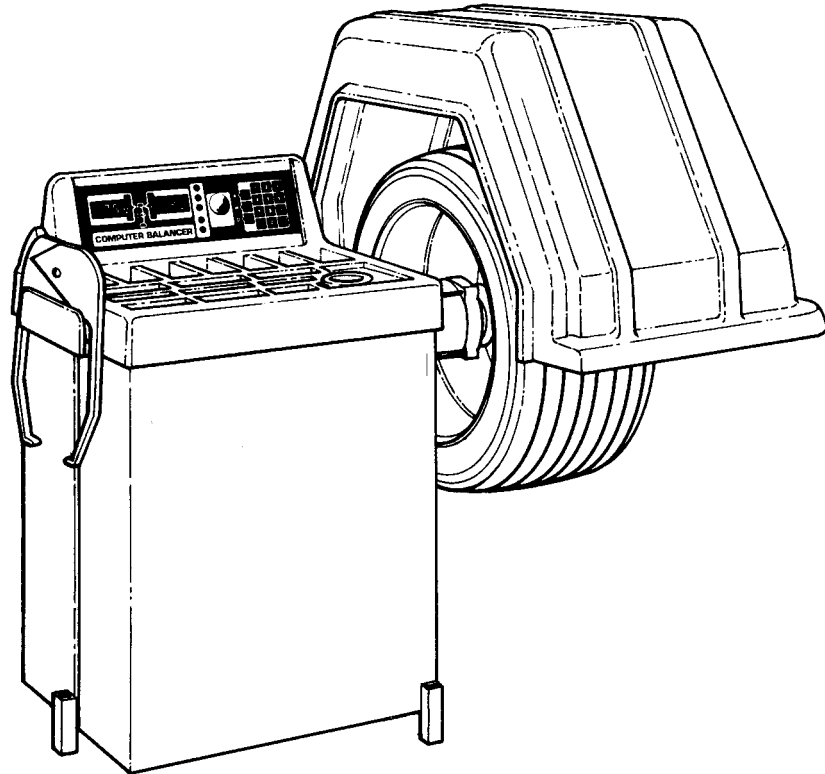


# COATS®

## 850 Solid State WHEEL BALANCER



### **Installation Instructions Operating Instructions Safety Instructions Maintenance Instructions *with Parts Identification***

READ these instructions before placing unit in service KEEP these and other materials delivered with the unit in a binder near the machine for ease of reference by supervisors and operators.

**HENNESSY INDUSTRIES, INC.**

P.O. Box 3002, 1601 J. P. Hennessy Drive, LaVergne, TN USA 37086 615/641-7533 800/688-6359

HENNESSY INDUSTRIES INC. Manufacturer of AMMCO®, COATS® and BADA® Automotive Service Equipment and Tools.

Manual Part No.: 111812

Revision: 9/00 rev. 5

# Direct Drive

ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	110017	Cabinet	35	111645	Scale, Distance Gauge	69	109949	Cap Plug
2	110010	Weight Tray Assembly	36	110514	Retainer, Spring	70	309011	Caliper Assembly
3	111126	Touch Panel	37	110005	Rod, Motor Support, 10-1/2"	71	112843	Hood Bar Weldment
4	112846	Signal Harness	38	113025	Power Cord, 110 Volt, 1 Ph	72	308062	Hood Spring
5	106301	Bolt, 1/4 Washer HD Self Tap	143796-2	143127	Power Cord, 220 Volt, 1 Ph	73	112731	Actuator Rod
6	308023	Distance Gauge Spring	39	110699	Power Cord, 220 Volt, 3 Ph	74	24724	Nut, Serrated
7	308074	Bushing, Rear	40	106303	Distance Gauge Assembly	75	111542	Screw, #8-32 x 1/2 PHMS
8	110168	Stop, Distance Arm	41	308817	Nut, 3/8 Whiz Lock	76	308860-1	Cover, Access
9	110211	Guard Motor	42	301032	Shutter, Rotary	77	314005	Decal Kit
10	307022	Capacitor	43	104200	Washer, 3/8	78	110245	Screw, #6
11	111815	Capacitor	44	301016	Washer, Shake Proof, Int.	79	301061	Washer
12	110821	Power Panel	45	301142	Bolt, 3/8x3/8 Shoulder	80	301094	Screw 8-32 x 3/4 Flathead
13	111879	Motor Controller	46	107635	Washer, Flat	81	301084	Nut, #8-32 Kep
14	306806	Transformer	47	110009	Washer, Flat	82	112208	Standoff, 8-32 male, 3/8 high
15	109970	Cover, Encoder	48	109975	Rod, Motor Support, 18"	83	110241	Decal, Weight
16	305802	Switch, On/Off	49	111218	Encoder, Optical	84	111814	Position/Rotation
17	6058	Strain Relief	50	110198	Breaker, 2 amp	85	110258	Capacitor, 220 V 1 Ph
18	111794	PCB Complete w/o Touch Panel	51	308036	Nut, Hex, Reg. 3/8 - 24 NF	86	301066	Nut, Tinnerman
19	109945	Retainer	52	307008	Retainer, Piezo Spring	87	23603	Nut, Kep #6-32
20	109944	Washer, 1-1/2 ID	53	110007	Spring, Piezo	88	110558	Screw, #6-32 x 1/2
21	307014	Bearing, Flanged	54	110040	Rod, Piezo, 9"	89	301082	Clamp-Capacitor
22	301122	Nut, Hex	55	109969	Piezo Assembly			
23	144114	Switch, Mechanical	56	308171	Motor			
24	301121	Washer, 1/2	57	308105	Stub Shaft, Coarse			
25	309008	Molding, Hood Stop	58	110542	Ring, No-Mar			
26	301120	Bolt, 1/2 - 13x2-1/2 LG	59	308802	Pressure Cup Assembly			
27	143956	Retainer, Bushing	60	110543	Spring, Back Cone			
28	308535	Bushing, Front	61	111059	Hub Nut			
29	308078	Rod, Distance Gauge	62	110410	Breaker, 1 amp			
30	308550	Arm, Distance Gauge	63	110411	Cone, Small			
31	100602	Roll Pin, 3/16x1-1/4	64	110412	Cone, Medium			
32	111818-1	Power Harness	65	308095	Cone, large			
33	110994	Blower Assembly	66	111515	Cone, Truck			
34	110006	Piezo Rod, 10"	67	301084	Weight Pliers			
			68	308060	Kep Nut, #8-32 Hood			

