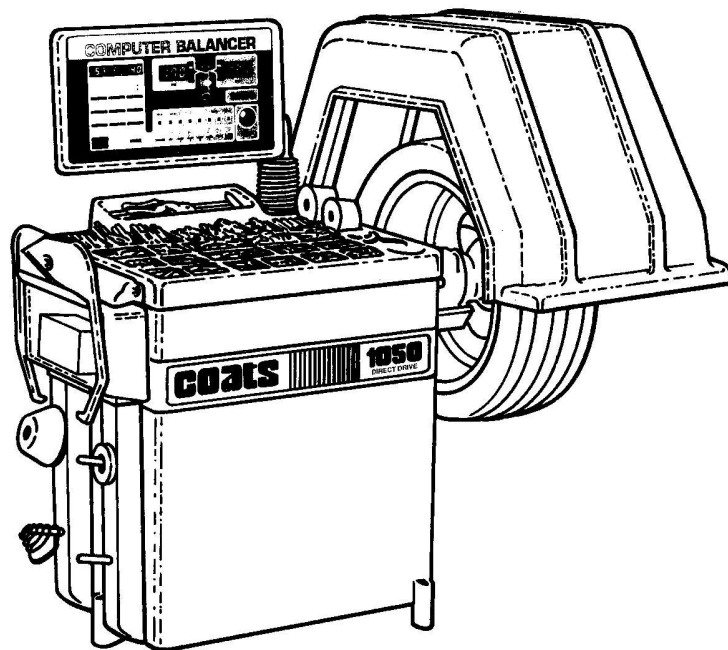


COATS®

950/1025/1050/1055

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.

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

Manual Part No.: 111868

Revision: 3/00 rev. 4

Direct Drive

Models 950, 1025, 1050 & 1055 Parts Id

| ITEM | PART NO. | DESCRIPTION | ITEM | PART NO. | DESCRIPTION |
|------|----------|----------------------------|------|----------|---------------------------------|
| 1 | 301063 | Screw, #6-32 X 1/2" PHM | 35 | 110912 | Pin, #10-32 Spring Plunger |
| 2 | 111886 | PCB Assembly | 36 | 308554 | Roller |
| 3 | 110721 | Touch Panel, 1050 | 37 | 301537 | Screw Shoulder, 5/16 x .500 SHC |
| | 110947 | Touch Panel, 950 | 38 | 111645 | Scale |
| 4 | 111035 | Weight Tray | 39 | 308550 | Arm |
| 5 | 111554 | Decal, "Caution" | 40 | 100602 | Roll Pin |
| 6 | 314005 | Decals, Weight Tray Bins | 41 | 308078 | Rod |
| 7 | 111064 | Shield, Weight Tray | 42 | 110807 | Bushing, Front |
| 8 | 106304 | Nut, Tinnerman 1/4-20 | 43 | 143956 | Retainer |
| 9 | 106301 | Screw, 1/4" Hex Self-Tap | 44 | 110168 | Stop |
| 10 | 111542 | Screw, #8-32 X 5/8" SEM | 45 | 110966 | Instruction Card, Cal/MM |
| 11 | 110537 | Panel, Capacitor | 46 | 110806 | Bracket |
| 12 | 111032 | Washer, 1/4 Fender | 47 | 110913 | "D" Cable |
| 13 | 111308 | Shield Motor Cover | 48 | 110914 | "D" Pulley |
| 14 | 111033 | Side Pocket | 49 | 143169 | Nut, 1/4-20 Flange |
| 15 | 112356 | Capacitor | 50 | 308074 | Bushing, Rear |
| 16 | 112224 | Jumper, Assembly | 51 | 308023 | Spring |
| 17 | 110560 | Screw, #8-32x3/4 | 52 | 301032 | Washer 3/8, Flat |
| 18 | 110957 | Cover, Accessory Peg | 53 | 301142 | Washer, 1/4 Lock |
| 19 | 111030 | Sleeve, Accessory Peg | 54 | 110956 | Velcro Patch, Loop |
| 21 | 110818 | Weldment, Acc. Peg Bracket | 55 | 308536 | Gasket, Motor |
| 20 | 110919 | Assembly, "D" Pot | 56 | 120446 | Decal, Rotation |
| 22 | 110918 | "A" Pot Assembly | 57 | 110962 | Cover, Motor |
| 23 | 308545 | "A" Spring | 58 | 111048 | Chassis |
| 24 | 110915 | "A" Pulley | 59 | 120325 | Screw, 5/16-18x1 WHC |
| 25 | 308555 | Bracket, Dia Cast, Arm | 60 | 110955 | Velcro Patch, Hook |
| 26 | 110917 | Shaft, Pulley | 61 | 111038 | Latch, Instruction Card |
| 27 | 308074 | Bushing, Arm Rear | 62 | 112182 | Plate, Flex |
| 28 | 110916 | "A" Cable | 63 | 106302 | Scr 3/8-16 x .875 HHC Whiz Lock |
| 29 | 301534 | Screw, 1/4-20x1 HH Grade 5 | 64 | 110430 | Cradle, Motor |
| 30 | 308535 | Stop, Front | 65 | 110994 | Assembly, Fan |
| 31 | 308527 | Rod | 66 | 308817 | Shutter, Rotary |
| 32 | 301143 | Nut, 1/4-20 Hex | 67 | 107635 | Washer, Flat |
| 33 | 308546 | "D" Spring | | | |
| 34 | 110911 | Nut, #10-32 Hex | | | |

Direct Drive

| ITEM NO. | DESCRIPTION | ITEM NO. | DESCRIPTION |
|----------|---|----------|--|
| 68 | 104200 Washer, 3/8 Lock, Internal Tooth | 104 | 111218 Breaker, 2 Amp |
| 69 | 301016 Bolt, Shoulder, 3/8x3/8 | 105 | 111031 Pod |
| 70 | 308513 Cover, Bell, Rear End | 106 | 111055 Nut, #6-32 Acorn |
| 71 | 301805 Washer, #10 Flat | 107 | 111029 Cover, Rear Harness |
| 72 | 301806 Washer, #10 Spring Lock | 108 | 110543 Hub Nut |
| 73 | 301804 Nut, #10-32 Hex | 109 | 110817 Knob |
| 74 | 110789 Bolt, 5/16-18 "U" | 110 | 110823 Bolt, 3/8-16 Carriage |
| 75 | 181183 Nut, 5/16-18 Nyloc | 111 | 110805 Support, Pod Tube |
| 76 | 301084 Nut, #8-32 Kep | 112 | 111056 Tie, Cable, 11" |
| 77 | 301122 Nut, 1/2-13 Hex | 113 | 110800 Cover, Pod Tube |
| 78 | 301121 Washer, 1/2 Flat | 114 | 112839 Harness, Signal |
| 79 | 301120 Bolt, 1/2-13x2-1/2 HH | 115 | 143127 Cord, Power |
| 80 | 309008 Stop, Hood, Rubber | 116 | 308062 Spring, Hood |
| 81 | 301066 Nut, #6-32 Kep | 117 | 112843 Bar, Hood |
| 82 | 144114 Switch, Mechanical | 118 | 140786 Plug, 220V, 3 PH |
| 83 | 23603 Screw, #6-32x1" LG | 305076 | Plug, 220V, 1 PH |
| 84 | 301033 Nut, 3/8-16 Hex | 119 | 112945 Motor 950/1050 |
| 85 | 108727 Rod, Threaded | 120 | 110920 Distance Gauge Assembly |
| 86 | 307008 Spring, Piezo | 121 | 24724 Nut, 5/16-18 Flange, Serrated Face |
| 87 | 308036 Retainer, Piezo Spring | 122 | 112731 Rod-Actuator, Switches |
| 88 | 301035 Nut, 3/8-16 Nyloc | 123 | 308060 Hood |
| 89 | 111036 Piezo Assy. | 124 | 308820 Spring, Back Cone |
| 90 | 301017 Ball, 1/2, Steel | 125 | 111021 Hanger, Calliper |
| 91 | 111894 Transformer | 126 | 308095 Adapter, Large |
| 92 | 301082 Screw, #8-32x1/2 PHM | 127 | 308105 Ring, No-Mar |
| 93 | 110923 Assembly, Encoder | 128 | 110542 Pressure Cup |
| 94 | 111868 Operations Manual | 129 | 308171 Stub Shaft |
| 95 | 111879 Motor Control Board | 130 | 110410 Cone, Small |
| 96 | 112208 Standoff, 8-32 male, 3/8" | 131 | 110411 Cone, Medium |
| 97 | 309011 Calliper Assembly | 132 | 110412 Cone, Large |
| 98 | 110821 Power Panel | 133 | 111918 Trim-Short Strip |
| 99 | 143044 Nut, 3/8-16 Tinnerman | 134 | 111919 Trim-Long Strip |
| 100 | 106303 Nut, 3/8-16 WH | 135 | 111920 Pad |
| 101 | 110795 Clamp, Pod 102 | 136 | 112199 Sleeve |
| 102 | 305802 Switch, ON/OFF | 137 | 111859 Panel Assembly |
| 103 | 111515 Weight Hammer/Pliers | 138 | 112165 Pop Rivet |

