

COATS®

XR 1750 Series Wheel Balancer (1750, 1750-2D, 1750-3D, 1750-3DI)



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.: 8113763 19
Revision: 07/09

Parts Identification

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The following pages include parts breakdowns with exploded view illustrations to help with ordering replacement or spare kits. Assemblies are noted where it is recommended that individual parts not be ordered separately. These parts are available only as assemblies because some parts are staked, pinned, or press fitted, then drilled, machined, or bored. Close tolerances must be maintained in assembly. Every effort is made to supply accurate exploded views, however, due to interim changes in manufacturing operations, some units may not be exactly as illustrated.

Parts Identification

Item	Description
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P/N 80180104 Hood Switch Kit

- | | |
|----|----------------------|
| 31 | Hood Switch Assembly |
| 41 | Hood Switch Washer |

P/N 8114452 Motor & Mtg Hardware Kit, 115V

P/N 80180120 Motor & Mtg Hardware Kit, 230V

- | | |
|-----|--|
| 100 | Spindle Drive Motor w/Pulley, 115V
Spindle Drive Motor w/Pulley, 230V |
| 101 | Screw Plate |
| 102 | M6 Flat Washer |
| 103 | M6 Lock Washer |
| 104 | 6M Hex Nut |

P/N 80180108 Stub Shaft Kit

- | | |
|-----|------------------------------|
| * | Serrated M10 Washer |
| 116 | Threaded Shaft 40MM |
| 117 | SHC M10 x 160 Screw, Gr. 8.8 |

P/N 80180109 Piezo Kit

- | | |
|-----|------------------------|
| 106 | Piezo Static Assembly |
| 107 | Piezo Dynamic Assembly |
| 108 | Dynamic Piezo Rod |
| 109 | Static Piezo Rod |
| 110 | Jam M10-1.5 Hex Nut |
| 111 | Small 10M Washer |
| 112 | Large M10 Flat Washer |
| 113 | Spring Piezo Washer |

P/N 80180110 Brake Pad Kit

- | | |
|---|------------------|
| * | Brake Pad |
| * | Brake Pad Screw |
| * | Brake Pad Washer |

P/N 80180111 Brake Kit Complete

- | | |
|-----|---|
| 133 | Hair Pin Clip |
| 134 | Hair Pin Cotter |
| 135 | M8-1.25 Hex Hylok |
| 136 | Brake Spring |
| 137 | Brake Tie Rod |
| 138 | 0.360 ID x 0.932 OD x 0.080 Flat Washer |
| 139 | M8 Flat Washer |

Item	Description
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P/N 8114221 Distance Rod Kit

- | | |
|-----|-------------------------|
| 23 | Adhesive Back Cable Tie |
| 88 | Gauge Rod |
| 124 | Slide Bracket |
| 145 | M6 x 6 Set Screw |

P/N 80180114 Pulley Kit

- | | |
|-----|-----------------------------|
| 87 | Distance Pot. Pulley |
| 92 | Distance Gauge String - 22" |
| 93 | Distance Gauge Spring |
| 94 | Collar Assembly |
| 95 | Return Pulley |
| 96 | Self Locking Ring |
| 144 | Distance Gauge String - 13" |

* **Not Shown**

Parts Identification

Item	Part	Description	Item	Part	Description
1	902189	1/4-20 X .500 HHCS	*56	8113726	Caution Fuse Decal, 115V
2	903214	Flat Washer, Std, 1/2" S.A.E.		8113755	Caution Fuse Decal, 230V
3	904379	Pl. Stl. Washer	57	8113736	Tree Asy w/Sleeves & Bumpers
4	925271	1/2-13 X 2.00 FHSCS	58	8113232	Chassis - Weld Comp.
5	7110208	Rub Button Carriage	63	8113810	Power Cord Assembly
6	8000745	1/4 Flat Washer	64	80180134	PCB Main CPU
7	8106301	HWH Self Tapping Screw	65	85009152	Monitor
8	8107635	5/16 Std. Flat	66	8113818	Monitor Tower Front
9	8109802	1/4-20 NC X 2.00 HHCS	67	8120325	5/16 X 1.00 SWH Screw
10	8109839	Sand Bag	68	8143044	3/8-16 Nut Tinnerman
11	8109944	Hood Bar Washer	69	8143956	Circular Push-On Retaining Ring
12	8109945	Washer 1 1/2" Retainer	70	8181369	1/4-20 UNC Hex Nut
*13	8110241	Weight Position Decal	71	8181984	1/4-20 X 1.00 HHCS
14	8110560	8/32 x .75" Lg. Screw (Green)	72	8182149	SHC 5/16-18 x 3/4 Screw
15	8110817	Control Pod Knob	73	8183638	Stand Off Spacer
16	8111021	Caliper Storage Hook	74	8301019	50 Lbs. Ballast
18	8111542	8-32 x 5/8 Lg. Screw	75	8301032	3/8" x 1.00 Flat Washer
*19	8111840	Warning Decal	76	8301084	#8-32 Kep Nut
*21	8111885	Plug Grounding Decal	77	8301121	Plain Washer, 1/2" x 1-3/8"
22	8112120	Worm Hose Clamp	78	8301122	1/2-13 Hex Nylock Nut
23	8112351	Adhesive Back Cable Tie	79	8301142	1/4" Spring Lock Washer
24	8112724	Hood Bar W/C	80	8307014	Flanged Nylon Bearing
25	8113251	Assess Holes Cover	81	8308023	Compression Spring, Dim. Arm
26	8113256	Wire Tray	82	8308062	Hood Spring, Extension
27	8113264	Sonar Target Rod	83	8308535	Stop Bushing
28	8113267	Channel Monitor Tilt	84	8309008	Hood Molding Stop
29	8113296	Hood Pivot Sleeve	85	8113925	Rotating Arm
30	8113297	Width Sonar Bracket	86	8114366	Gauge Bracket Comp.
33	8113358	Target W/C, Sonar Cal.	87	80180017	Distance Gauge Pulley
34	8113360	Angle Sonar Target Rod	88	8114361	Gauge Rod
*35	8113401	Sonar Target Decal	89	80180019	Distance Gauge String Bracket
36	8113418	1/2-13 X 1.00 SHCS	90	80180020	String Bracket Screw
37	8113473	Tape-A-Weight™	91	80180021	Lock Washer, String Bracket
38	8113531	Weight Tray Assembly	92	8114363	Distance Gauge String - 22"
39	8113532	Belt Tightening Plate Assem.	93	80180023	Distance Gauge Spring
40	8113534	Glide Plate	94	8114402	Collar & Screw Assembly
42	8113536	Bottom Cover, Tower	95	8114365	Return Pulley
43	8113537	Bottom Cover, Hood Bracket	96	8114372	Self-locking Ring
*44	8113541	Faceplate Arrow Decal	97	8114137	Diameter Potentiometer
*45	8113927	Caution/Patent Decal	98	8114137	Distance Potentiometer
46	8113557	Switch Panel Assembly, 115V	105	85606464	Encoder Assembly
	8113747	Switch Panel Assembly, 230V	106	80180050	Piezo Static Assembly
*47	8113567	Piezo Assy. Instr. Decal	107	80180051	Piezo Dynamic Assembly
*48	8113568	On/Off Decal	113	80180057	Spring Washer
*49	8113569	Ground Location Decal	114	80180059	Balancer Spindle
50	8113570	Warning Decal	115	80180068	Drive Belt
52	8113620	Wheel Hood Guard			
*53	8113666	Caution 115V Decal			
	8113754	Caution 230V Decal			

* Not Shown

Parts Identification

Item	Part	Description
118	80180079	Touch Panel Assembly
119	8114465	Power Panel Assembly, 115V
	80180117	Power Panel Assembly, 230V
120	8114460	Capacitor 60MF/400V, US
	80180119	Capacitor 14MF/400V, Australian
121	80180090	Width Sensor w/Cable
123	85606469	No-Mar Ring
124	8114371	Slide Bracket
125	8114360	6M x 16M Screw
126	85606467	Hub Nut
127	85606470	Hub Cup
128	85606473	Braking Transformer, 115V
	80180121	Braking Transformer, 230V
129	8114450	Control Transformer, 115V
	80180122	Control Transformer, 230V
130	80180085	Sonar Power PCB
*131	80180038	Main Switch
*132	80180039	Strain Relief, Power Cable
140	80180001	Brake Lever Complete
141	8113348	Brake Pedal
142	8180103	Standard Clevis Pin, 3"
143	8107407	Hitch Pin Retainer
144	8114364	Distance Gauge String - 13"
145	8114408	M6 X 6 Set Screw
146	8114446	24mm ø Pulley
*	85606465	Encoder Cable
*	85606466	Encoder Spring
*	8113558	Circuit Breaker
*	8410419	Doyfe Air Chuck
*	8113370	2-way Valve Assy. w/Fittings
*	8105822	9/16 ID Hose Clamp
*	8101428	Worm Hose Clamp
*	8000378	Straight Fitting
*	8113417	1/4" ID x 120" Blk Rubber Hose
*	8113416	1/4" ID x 8" Blk Rubber Hose
*	8000461	1/4" ID x 12" Black Hose
*	8120264	1/4" ID x 44" Black Hose
*	8183502	Bleed Valve Manifold
*	8113862	Monitor Tower Front
*	8107983	Plastic Fastener
*	8182047	3-way Push Button Valve
*	8005696	0.688 x 1.75 x 0.125 Thk. Washer

* **Not Shown**





