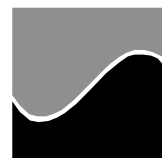


geodyna 2300(C) / 2350(C)

Spare Parts list

Wheel Balancer

HOFMANN®



Date 04/21/10

Manufacturing Introduces the “C” models

Starting with JZ production (September 06)

The 2300 Series & 2350 Balancers have undergone some changes starting with machines made from September 06. The chassis and weight tray has been changed. The weight tray and chassis are not as deep, and thus the introduction of the new “C” models.

There are several different ways to distinguish the changes made. First is by the date code of the serial number, second is by the type code of the machine and lastly the weight tray. Because the chassis was changed the distance gauge had to be changed as well. The new distance gauge works in reverse than the old one, and because of that, the software had to be changed as well. The new software version for these machines is 2.9.5 or higher which will have a “C” designation in the model upon startup, of course this version will work in all machines.

All German produced machines will have the original weight tray and chassis, which will follow the G82, G83 series Conway produced machines.

How to decipher the serial number:

G82 HZ 001

G82 2300 or 2300M – HZ August 2006 production – 001 first of the month.

The model designations
old models up to August 06
G82 HZ – 2300 or 2300M
G83 HZ – 2350

New models starting from September 06
G74 JZ - 2300C
G75 JZ - 2300CM
G76 JZ - 2350C

Figure 1: Vibratory System with Drive Unit

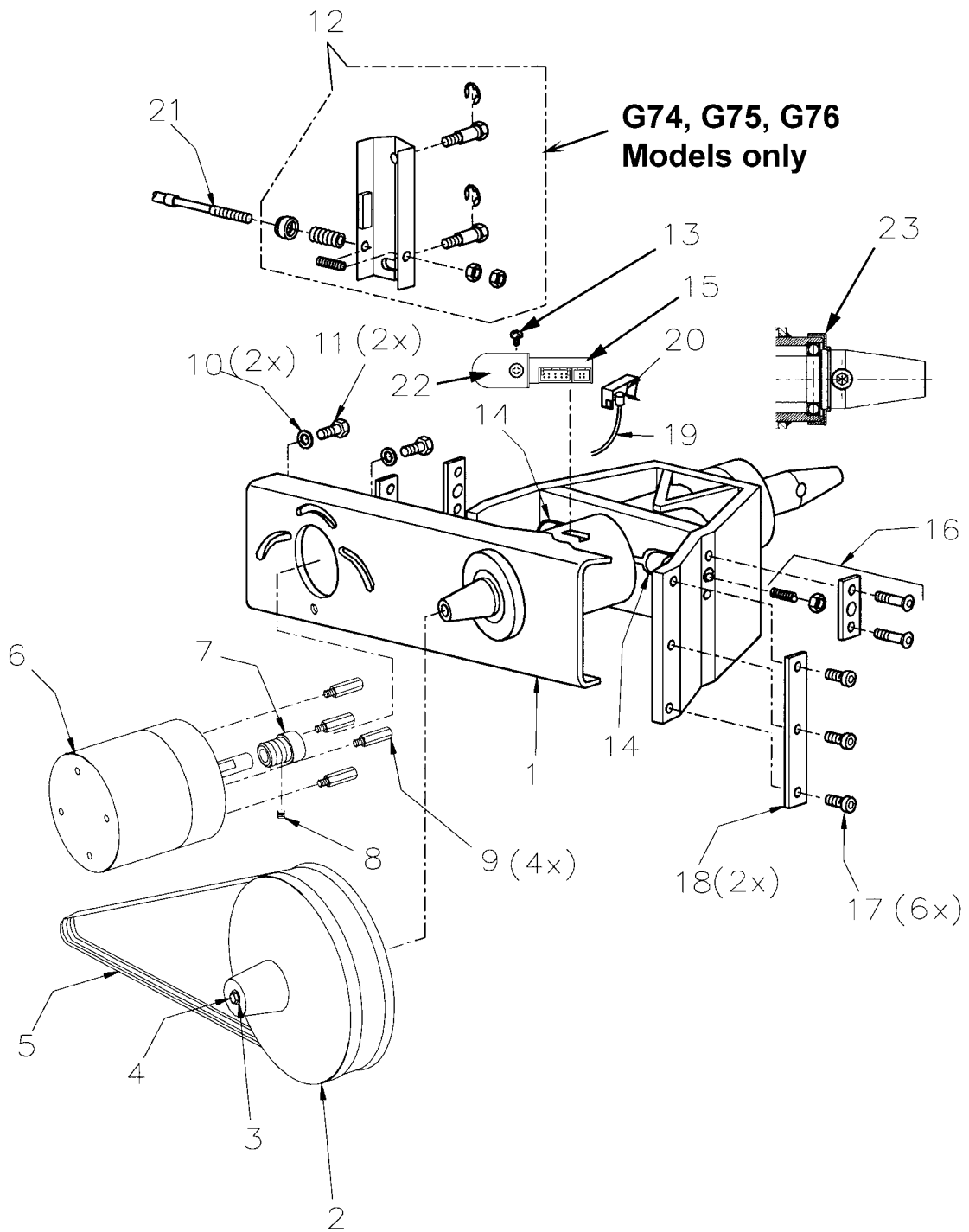


Figure 2: Chassis & Weight Tray

2300, 2300M (G82), 2350 (G83) & All German produce machines (Up to Aug 06 HZ)

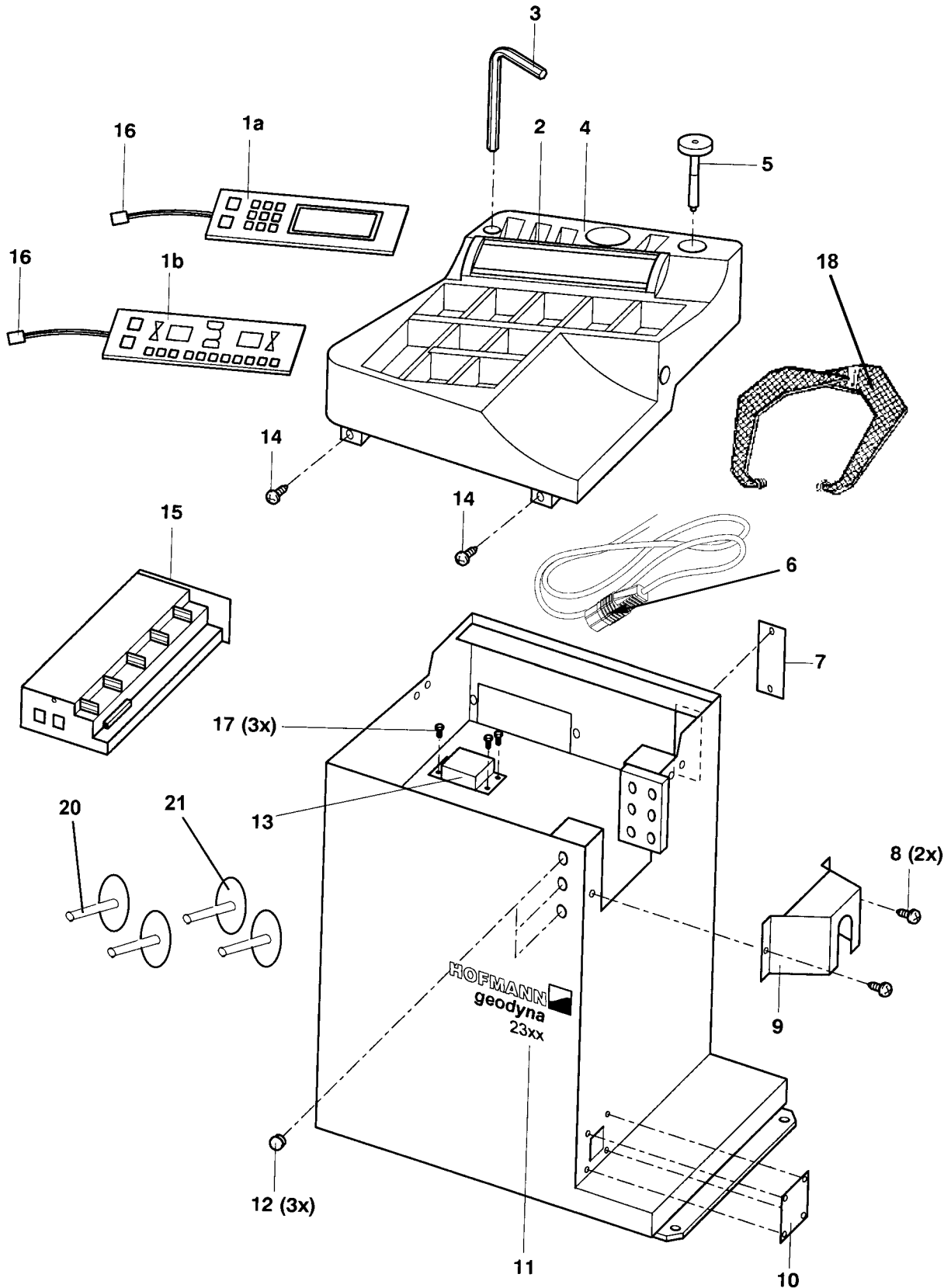


Figure 3: Chassis & Weight Tray
 2300C (G74), 2300CM (G75), 2350C (G76) Models only (From Sep 06 JZ)

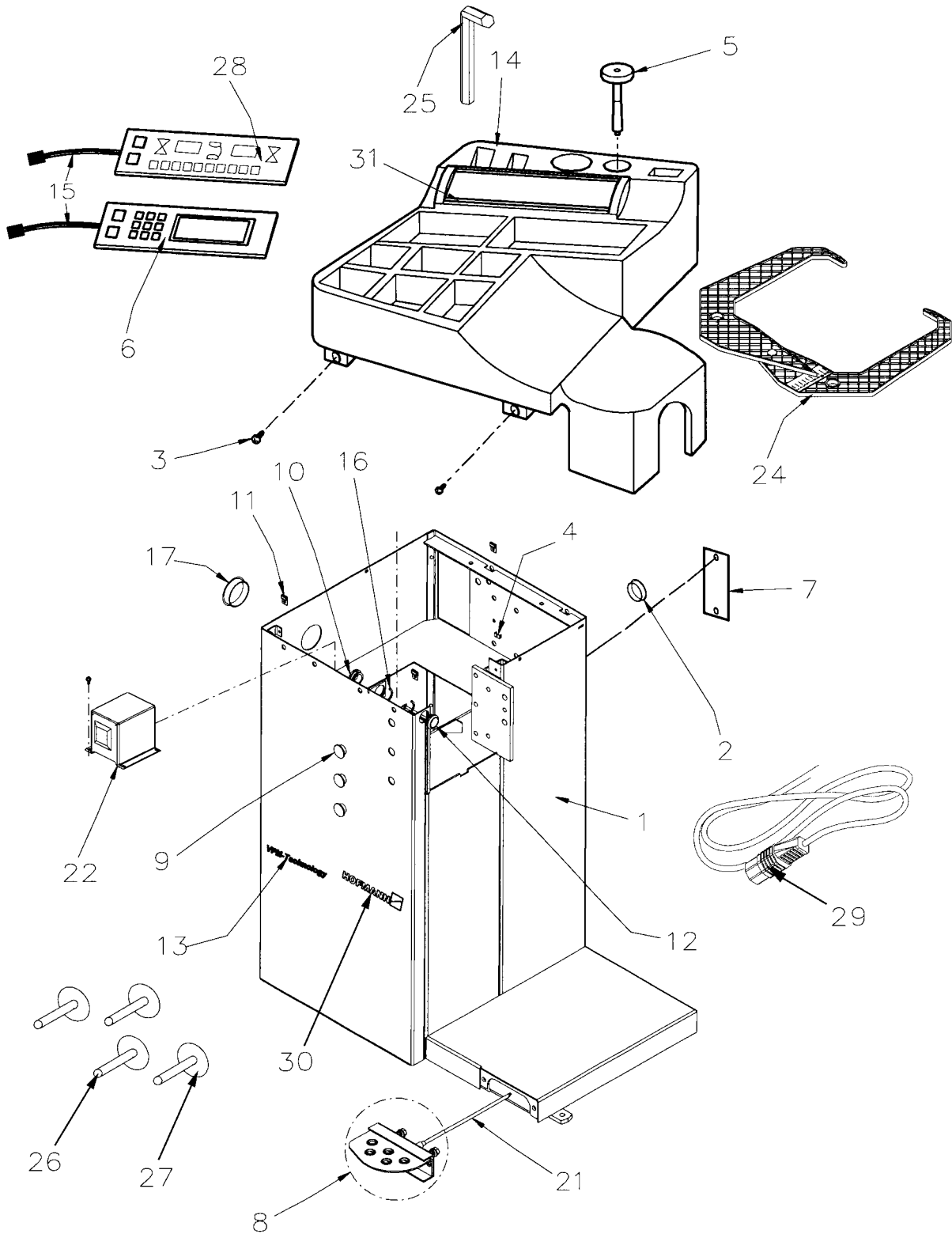


Figure 4: Distance Gauge Assembly

2300, 2300M (G82), 2350 (G83) & All German produce machines (Up to Aug 06 HZ)

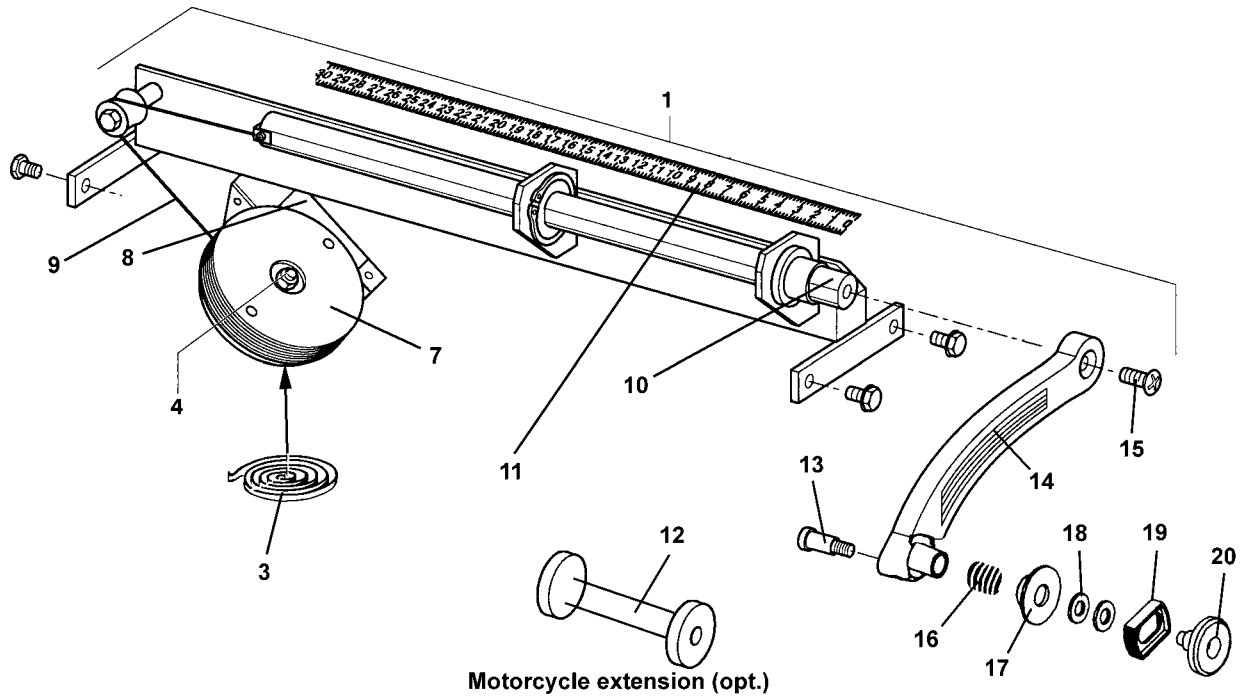


Figure 5A: Distance Gauge Assembly C Models
2300C (G74), 2300CM (G75), 2350C (G76) Models only (From Sep 06 JZ – to Nov 07 LA)

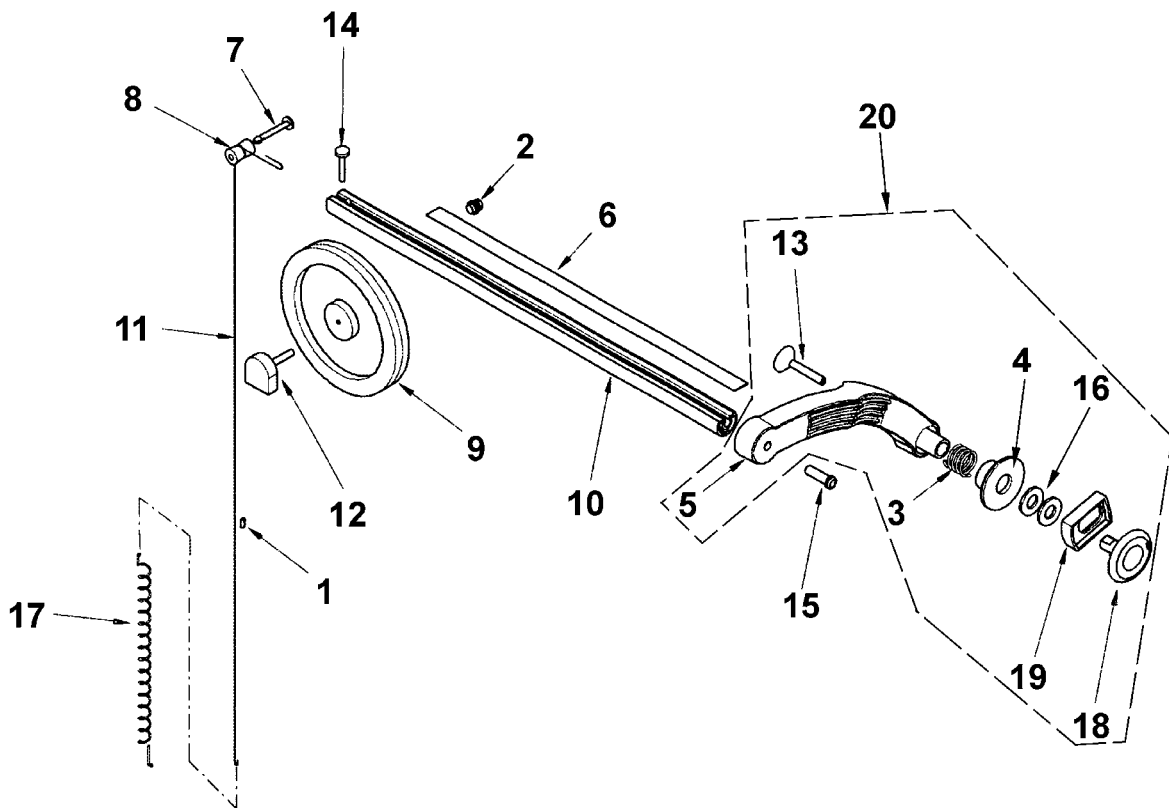


Figure 5B: Drop In Distance Gauge Assembly C Models
 2300C (G74), 2300CM (G75), 2350C (G76) Models only (From Dec 07 MA)

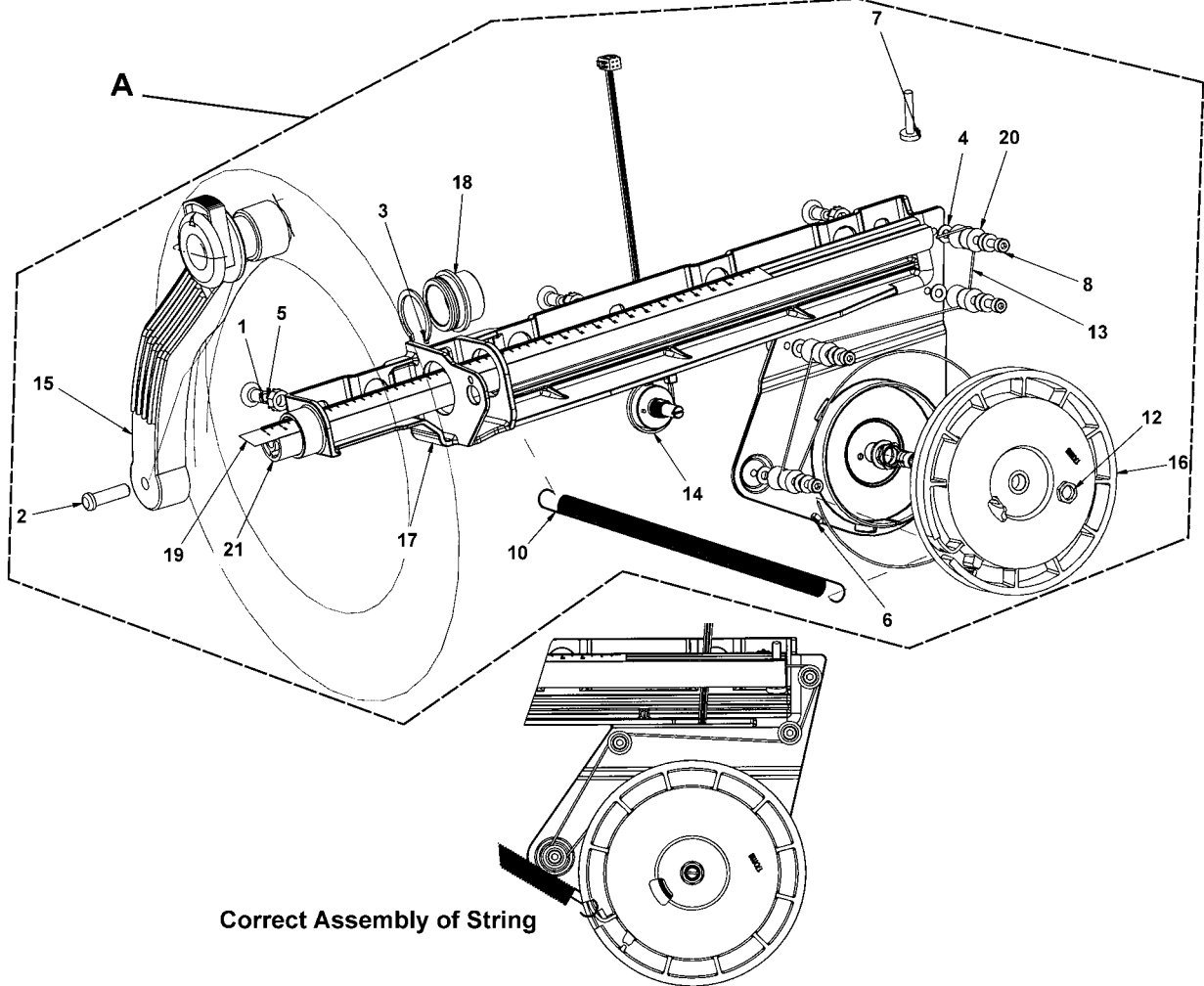
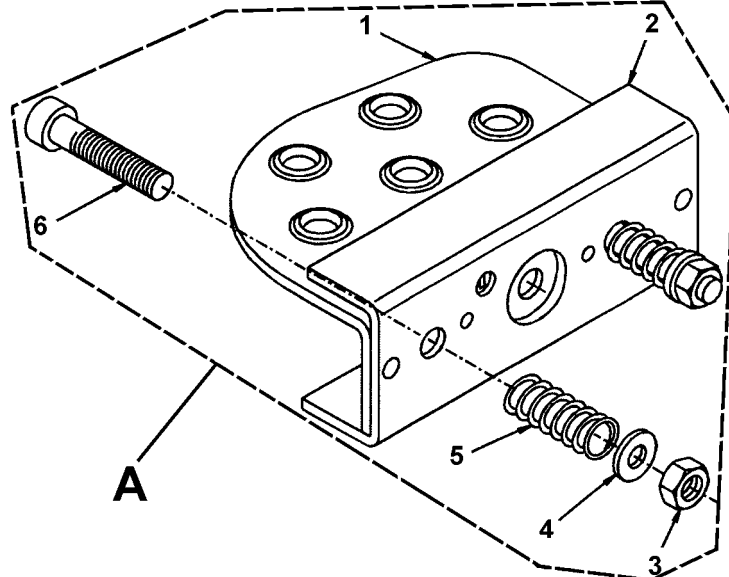
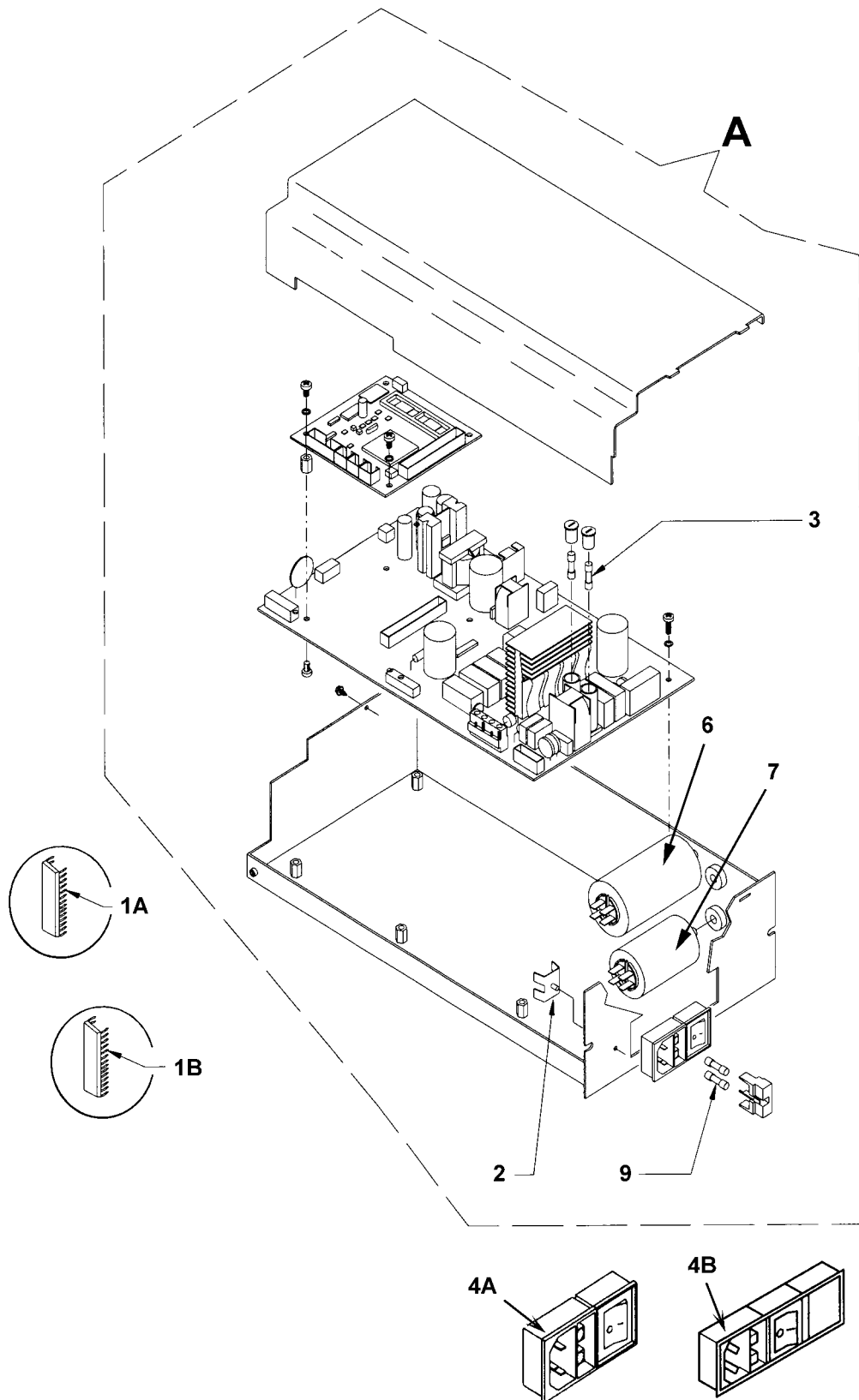


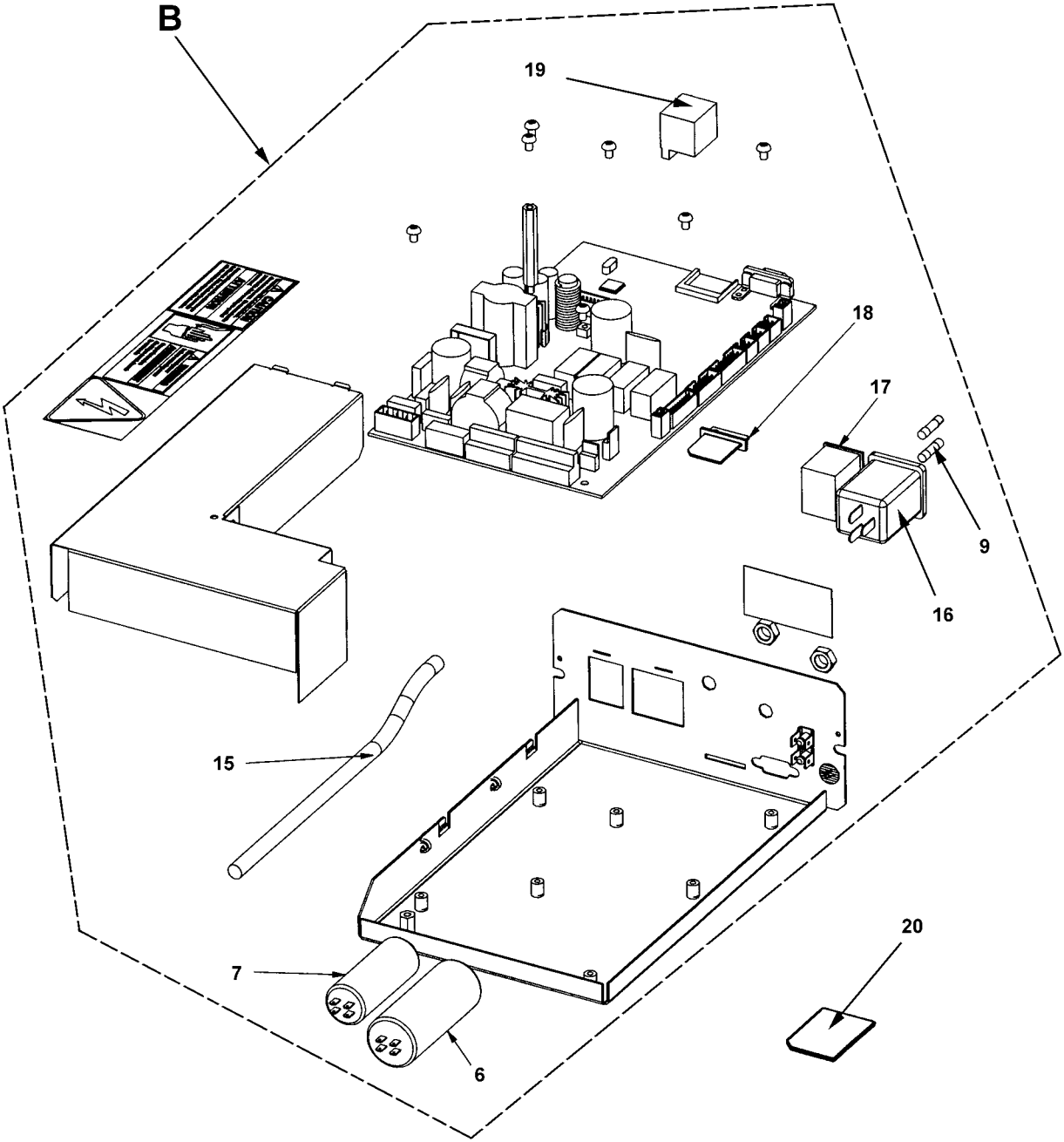
Figure 6: Brake Pedal Assembly
 2300C (G74), 2300CM (G75), 2350C (G76) Models only



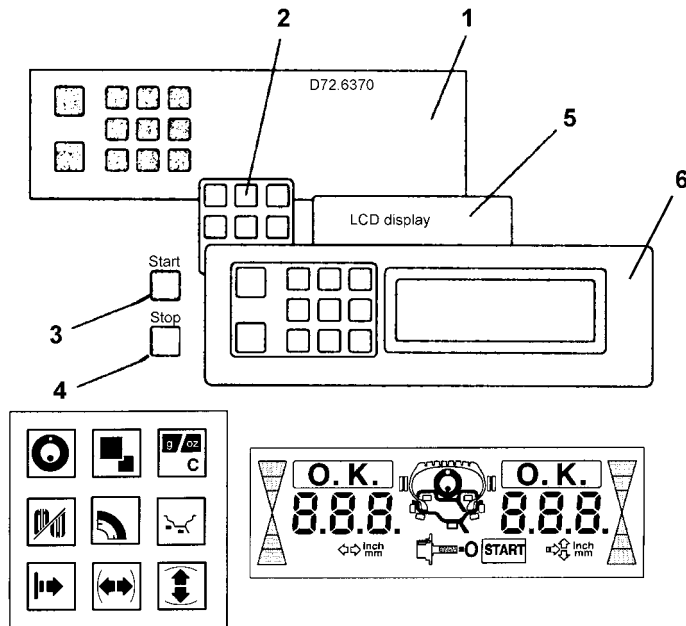
**Figure 7A: Y2K Electronic Box
(Up to Sep 07 JA)**



**Figure 7B: IBP Electronic Box
(From Oct 07 KA)**



**Figure 8A: 2300(C) LCD Display Panel Version I
(Up to July 07 GA)**



**Figure 8B: 2300(C) LCD Display Panel Version II
(From Aug 07 HA)**

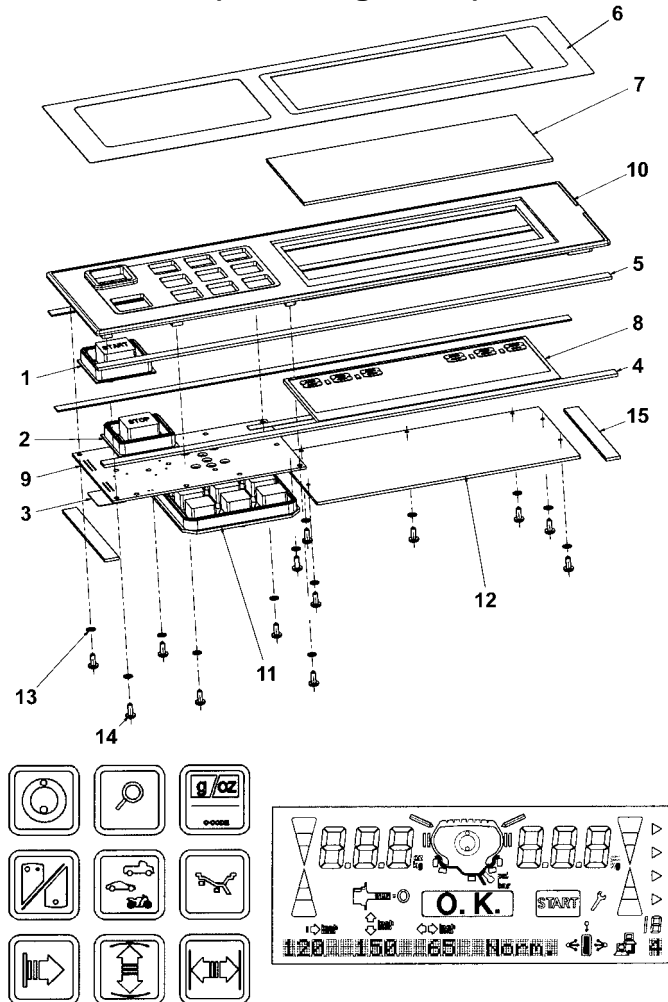
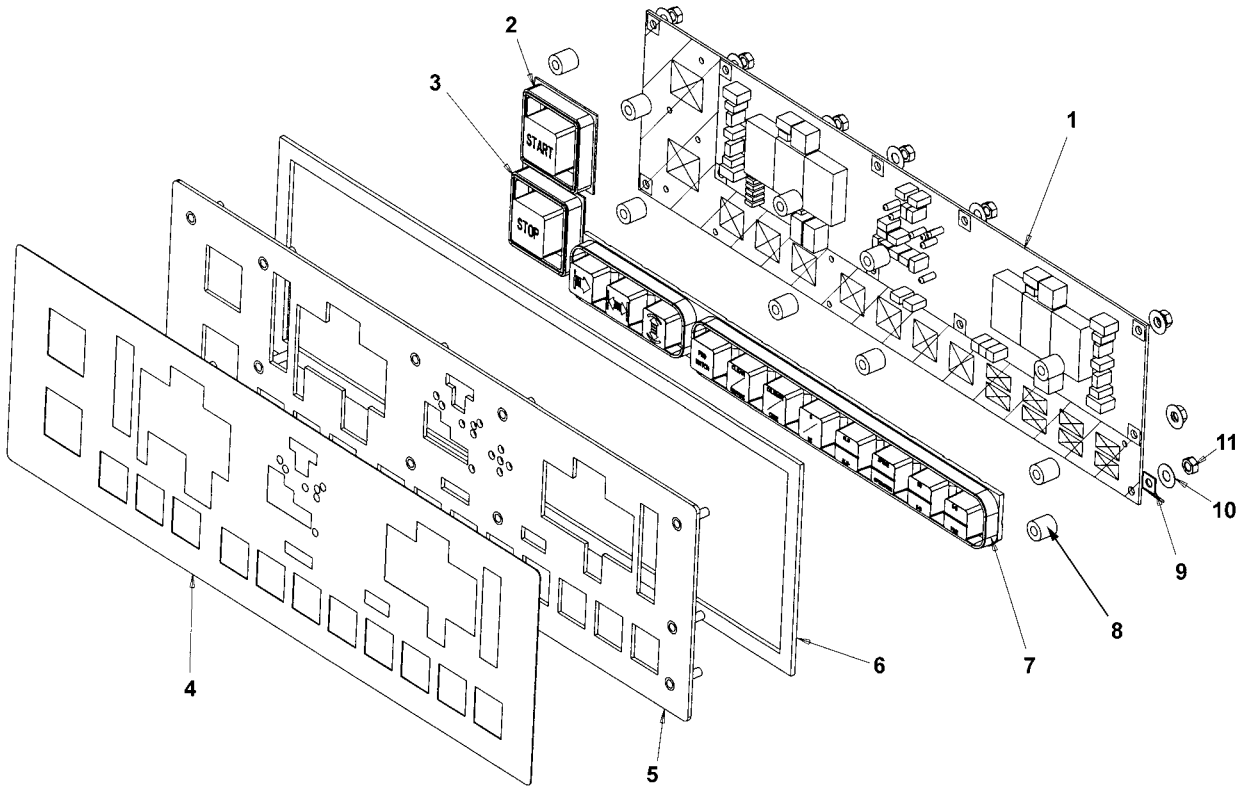


Figure 9: 2350(C) LED Display Panel



No.	Part No.	Part Descriptions	Spec.	HWT. No.
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Fig. 1: Vibratory System with Drive Unit

1	EAA0344G01A	Vibratory system		6418 868
2	EAM0005D12A	Drive pulley		6418 343
3	1-17841	Washer	8.4	1640 080
4	1-32901	Hexagon head screw	M8 x 35	1530 098
5	8-3531	Belt	5PJ711	1252 584
6	EAA0266D29A	Motor - UL	WS 120W	6792 087
7	EAM0005D08A	Motor pulley		6418 405
8	1-28410	Set screw	M6 x 8	1527 016
9	EAM0005D44A	Spacer for motor		6418 415
10	1-9841	Washer (1640 060)	B 6.4	1641 060
11	1-30701	Hexagon head screw	M6 x 12	1530 072
12	EAA0332G12A	Main Shaft Lock Assembly		6418 303
13A	1-13004	Screw (for EAP0167G60A)	M4 x 6	1509 010
13B	1-13404A	Screw (for EAA0344G00A)	M4 x 16	1509 021
14	EAA0260D59A	Transducers (Pickups)		6717 253
15A	EAP0167G60A	Opto-electronic unit (without lens) (EAP0201D50A)		6726 387
15B	EAA0344G00A	Opto-electronic unit (with lens) (EAA0260D09A)		6705 996
16	EAA0328G16A	Fastening means for transducer		6419 192
17	1-17709	Hex. socket head cap screw	M8 x 20	1524 060
18	EAS2025D03A	Spacer for vibratory system		6418 337
19A	EAW0239D00A	Ribbon Cable with temperature sensor		6792 035
19B	EAW0240G67A	Ribbon Cable without temperature sensor		
20	EAS2025D12A	Clip		1628 090
21	EAA0260D58A	Brake Cable		
22	EAC0087G54A	Plastic protection for EAA0344G00A		
23	EAC0087G55A	Vibratory system bearing cover		
*		Ribbon cable w/temp.sensor & pickups		6792 069

No.	Part No.	Part Descriptions	Spec.	HWT. No.
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Fig. 2: Chassis & Weight Tray 2300 / 2350

1A		2300 Display Panel Assembly Version I (For Individual Items See Figure 8A)		6705 832
1B	EAA0263G64B	2350 Display Panel Assembly (For Individual Items See Figure 9)		6705 974
2	5-8426A2	Velcro Loop		4239 648
3	8-01250A	Allen wrench		1101 013
4	EAC0058D00A	Weight tray, black RAL 9005		1701 100
5	EAM0005D40A	Calibration weight		6418 981
6	EAX0039J00A	Power cord		4206 151
7	EAS2025D31A	Panel		6418 924
8	666204	Self-tapping screw	M5 x 10	1532 618
9	EAS2058D53A	Cover of vibratory system		6418 437
10		Cover plate		6417 935
11	EAL0345D07A	Decal geodyna 2300		4082 326
11	EAL0345D06A	Decal geodyna 2350		4082 327
12	8-7216	Cap		4238 507
13	7-16201A	Transformer 115 V - 230 V (7-00902A) (7-15601A)		4501 082
	EAW0233J07A	Transformer cable		
14	1-03725A	Tapping screw	B 6.3 x 32	1532 532
15		Electronic box (see Fig. 7A or 7B)		
16A	EAW0239D03A	Ribbon cable for display 2300 Version I panel	10 Conductors	6791 983
16B	EAW0233J01A	Ribbon cable for display 2350	14 Conductors	6792 090
17	666204	Screw		1532 618
18	EAA0247G21A	Rim width calipers		2900 007
20	EAM0006G01A	Pin		
21	EAC0060G02A	Rubber Pad		

Fig. 3: Chassis & Weight Tray 2300C / 2350C

1	EAS2067G81A	S1-Cabinet Ral5015		
2	1-3176	Plug		
3	1-20523	Self Tapping Screw		

No.	Part No.	Part Descriptions	Spec.	HWT. No.
4	2-23201	Terminal, Plug		
5	EAM0005D40A	Calibration Weight		
6A		2300 Display Panel Assembly Version I (For Individual Items See Figure 8A)		6705 832
6B	EAA0328G41A	2300 Display Panel Assembly Version II (For Individual Items See Figure 8B) Requires software version 3.0 or higher		
7	EAS2027G23A	Panel		
8	EAA0263G07A	Brake Pedal Assembly		
9	EAC0060G00A	Hole Plug		
10	EAM0005D39A	Inside Bushing		
11	1-6739	Tinnerman Clip		
12	EAM0005D38A	Outside Bushing		
13	EAL0349G82A	Label Vpm Technology		
14	EAC0060G58A	Weight Tray		
15A	EAW0239D03A	Ribbon cable for display 2300 Version I panel	10 Conductors	
15B	EAW0233J01A	Ribbon cable for display 2350 & 2300 Version II panel	14 Conductors	
16	1-4577	Snap-Ring 25 X 1.2		
17	1-2676	Cup		
21	EAA0260D58A	Brake Cable		
22	7-16201A	Transformer 115 V - 230 V (7-15601A)		
	EAW0233J07A	Transformer cable		
23	1-3724	Self-Tapping Screw		
24	EAA0247G21A	Rim Width Caliper		2900 007
25	1101013	Hex Key		
26	EAM0006G01A	Pin		
27	EAC0060G02A	Rubber Pad		
28	EAA0263G64B	2350 Display Panel Assembly (For Individual Items See Figure 9)		6705 974
29	EAX0039J00A	Power cord		
30	EAL0345D07A	Decal geodyna 2300		4082 326
30	EAL0345D06A	Decal geodyna 2350		4082 327
31	5-8426A2	Velcro Loop		4239 648
*	EAS2113J83A	Cover under Vibratory (Not Shown)		

No.	Part No.	Part Descriptions	Spec.	HWT. No.
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Fig. 4: Distance Gauge Assembly
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1	EAA0283D81A	Distance gauge assembly		6419 005
3	1-03967A	Helical spring		1628 406
4	EAA0266D20A	Potentiometer with lead		6792 037
7	EAC0058D90A	Gear wheel		1701 053
8	EAC0058D89A	Holder for gear wheel		1235 536
9	EAC0306D90A	Cable		1230 806
10	EAM0033D04A	Gauge rod		1040 901
11	EAL0345D01A	Scale		6419 234
12	EAM0005D62A	Distance gauge Extension (Motorcycle machine only)	100 mm	3000 742
13	1-3624	Screw		1538 948
14	EAC0058D83A	Gauge arm		1701 343
15	1-23323A	Screw		1532 535
16	1-06868A	Spring		1611 150
17	EAC0058D10A	Contact ring		1701 342
18	1-11841	Washer		1641 100
19	EAC0058D09A	Ejector		1701 341
20	EAC0058D11A	Touching ring		1701 340

Fig. 5A: Distance Gauge Assembly C Models
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1	2-07557A	Cable Holder Snap-On		
2	2-07657A	Clamping Device With Nut		
3	1-06868A	Compression Spring	D- 145E	1611 150
4	EAC0058D10A	Contact Ring		1701 342
5	EAC0054P01A	Gauge Arm		6419 214
6	EAL0345D01A	Scale		
7	8-1940	Nylon Pin		
8	EAM0005D35A	Rope Pulley		
9	EAC0058D06A	Pulley		
10	EAM0005D36A	Gauge rod		

No.	Part No.	Part Descriptions	Spec.	HWT. No.
11	EAK0221J06A2	Cable Kit		
12	EAA0266D20A	Potentiometer with lead		
13	1-3624	Screw	5X40 MM	1538 948
14	1-13609	Screw	M4X16-8,8	
15	1-3824	Screw-Self Tap	6X12 MM	
16	1-10141A1	Spacer Washer		1641 100
17	1-03267A	Spring		
18	EAC0058D11A	Touching Disc		1701 340
19	EAC0058D09A	Weight Applicator		1701 341
20	EAA0277D94A	Gauge arm assembly with ejector		6419 215

Fig. 5B: Drop In Distance Gauge Assembly C Models

A	EAA0346J84A	Drop in Distance Gauge Assembly		
1	1-27903A	Screw	M6 x 14	
2	1-3824	Self Tap Screw	M6 x 12	
3	1-13377A	Circlip	M27 x 1.2	
4	1-9641	Washer	4 mm	
5	1-25433A	Nut	M6	
6	1-11233	Nut	M3	
7	1-13609	Screw	M4 – 16 x 8.8	
8	1-13909	Screw	M4 x 30	
10	1-06567A	Tension Spring		
12	2-07657A	Clamping device with nut		
13	EAK0221J66A	Rope S1	21.5" long	
14	EAA0266D20A	Potentiometer with lead		
15	EAA0277D94A	Gauge arm assembly with ejector		
16	EAC0058D06A	Pulley		
17	EAC0087G59A	Bracket		
18	EAC0087G70A	Bushing		
19	EAL0349G31A	Scale		
20	EAM0005D35A	Rope pulley		

No.	Part No.	Part Descriptions	Spec.	HWT. No.
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Fig. 6: Brake Pedal Assembly

A	EAA0263G07A	Brake Pedal Assembly		
1	EAS2020P20A	Brake Pedal		
2	EAS2027G18A	Brake Pedal support		
3	1-10033	Hexagonal Nut	M8	
4	1-10041	Washer	8.4	
5	1-06768A	Compression spring		
6	1-18209A	Screw Hexagonal Socket	M8 x 45	

Fig. 7: Electronic Box

A	EAA0255J75A	Y2K Electronic box. This does not come programmed with any digital UI software (EPROM), order item #1A or 1B.		6705 946
B	EAA0338G83B	IBP Electronic box. This does not come programmed with any digital UI software (SD), order item #20.		
1A	3-19426AE1	Digital UI software for the Y2K Electronic box For models 2300, 2300M, 2300C, 2300CM	Eprom	6740 741
1B	3-11225A	Digital UI software for the Y2K Electronic box For models 2350, 2350C	Eprom	
2	2-23201	Flat Plug Grounding 4-Pol		
3	2-15351A	Fuse, Slow-Blow 3,2a-250v		
4A	2-16851A	Power Entry Module (2 ½" long)		
4B	2-55748A	Power Entry module (3 ½" long)		3950 036
6	2-01529A	Capacitor	20 MFD.	3762 020
7	2-01429A	Capacitor	10 MFD.	3762 019
9	2-21251A	Fuse-6.3 Amp, 250 Vac		
16	2-57248A	Filtered power entry module		
17	2-13258A	Main switch		
18	EAC0087G52A	Plug		
19	2-17947A	Socket		

No.	Part No.	Part Descriptions	Spec.	HWT. No.
20	3-52226AF1	Digital UI software for the IBP Electronic Box for all models	Secure Digital (SD)	

Fig. 8A: 2300(C) LCD Display Panel Version I

1		Display circuit board	D72.6370	6726 370
2	716973	Keypad		3402 269
3	EAC0058D50A	Start button		3402 246
4	EAC0058D51A	Stop button		3402 247
5		Liquid Crystal Display		3613 043
6	EAC0058D75A	Front panel with overlay		1701 582
*	5-8426A1	Velcro Hook (Not Shown)		4239 650

Fig. 8B: 2300(C) LCD Display Panel Version II

1	EAC0058D50A	Start Key – Grey		
2	EAC0058D51A	Stop Key – Red		
3	EAL0345D02A	Data label		
4	5-8426A2	Velcro Loop	360 x 8 mm	
5	5-8426A1	Velcro Hook	360 x 8 mm	
6	EAL0349G79A	Panel Overlay		
7	EAM0042G58A	Plexiglass Panel		
8	3-13413A	Liquid Crystal Display	COG-LCW131	
9	EAP0201D60B	Display Circuit Board		
10	EAC0060G60A	Front Panel		
11	EAC0060G61A	Keyboard		
12	EAC0060G73A	Protection Panel		
13	1-05847A	Lock Washer		
14	1-10226A	Screw		

Fig. 9: 2350(C) LED Display Panel

1	EAP0192P50A	Display circuit board		0027132
2	EAC0058D50A	Start button		3402 246

No.	Part No.	Part Descriptions	Spec.	HWT. No.
3	EAC0058D51A	Stop button		3402 247
4	EAL0342P16A	Overlay		0027128
5	EAA0263G63B	Display panel		
6	5-8426A1	Velcro Hook		4239 650
7	EAC0054P10A	Keypad		3402 248
8	1-11762A	Spacer		
9	2-28301A	Ground Connector		
10	1-5547	Lock Washer		
11	1-15833A	Hex Nut M4		



Hofmann – USA 309 Exchange Ave. Conway, AR 72032
 Phone: 800-251-4500 Fax 501-450-2085 web: www.hofmann-usa.com
 Hofmann – Canada 6500 Millcreek Dr. Mississauga, Ontario L5N 4G4
 Phone: 800-267-2185 Fax: 905-821-2073 web: www.hofmann.ca

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