



Digital InterLock Coffee Grinders - Instructions

Models Included

- ILGD
- TL-ILGD

Important Safeguards/Conventions

This appliance is designed for commercial use. Any servicing other than cleaning and maintenance should be performed by an authorized Wilbur Curtis service center.

- Do NOT immerse the unit in water or any other liquid
- To reduce the risk of fire or electric shock, do NOT open top panel. No user serviceable parts inside. Repair should be done only by authorized service personnel.
- Keep hands and other items away from hot parts of unit during operation.
- Never clean with scouring powders or harsh implements.

Conventions



WARNINGS – To help avoid personal injury



Important Notes/Cautions – from the factory

QUICK START & SETUP

SETUP

1. Install the grinder on a firm, level base in a location where it can be connected to a grounded electrical outlet of 120VAC, rated at 15 amps.
2. Test the unit by running some whole bean coffee through the grinder. If any problems are encountered, refer to the troubleshooting section complete at www.wilburcurtis.com or call Technical Service at 800-995-0417.

CONNECTING THE INTERLOCK GRINDER

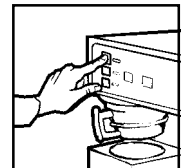
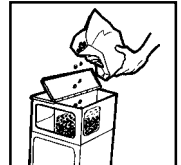
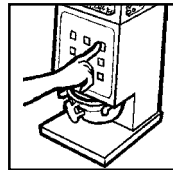
1. Turn both units OFF.
2. Place the grinder close enough to the brewer so it the InterLock cable will reach the brewer.
3. Locate the jack, labeled CLASS 2 WIRING ONLY, on the back of the brewer. Plug in the InterLock cable from the grinder.
4. Turn both units ON. Interlocking is complete.



CAUTION: Please use this setup procedure before attempting to use this grinder. Failure to follow the instructions can result in injury or the voiding of the warranty.

INTERLOCK OPERATING INSTRUCTIONS

1. Open the door on top of the grinder and fill with fresh whole bean coffee. Close the top door.
2. Place an empty Satellite on the warmer deck of the brewer and preheat it by switching on warmer.
3. Place a new paper filter into the brewcone.
4. Insert the brewcone into the basket holder arms on the grinder.
5. Press the appropriate grind switch (SMALL, MEDIUM or LARGE).
6. Allow the grind motor to completely stop before removing the brewcone. The brew selection is now "Locked" in at the brewer and is indicated by the flashing light on the InterLock brewer.
7. Transfer the filled brewcone to the brewer and press the flashing brew button. Brew cycle is complete when the brew light stops flashing.



WARNING TO AVOID SCALDING. Do not remove brewcone while brew light is flashing.

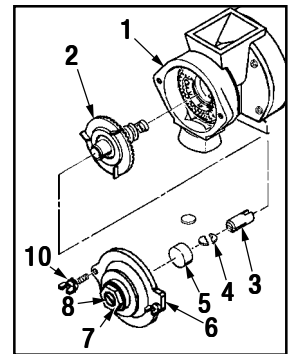
ADJUSTING THE GRINDS

1. Empty hopper of coffee beans. Run grinder to clear grinding burrs of coffee.
2. Open housing cover to locate adjustment screw (8) and lock nut (7). Loosen lock nut.
3. Run motor during adjustment. Turning adjustment screw clockwise will result in a finer grind (if, while turning, you hear the grinding burrs starting to touch, immediately, back off 1/8th turn). Turning counter clockwise will produce a coarser grind.
4. With a screwdriver holding the adjustment screw in place, tighten the locknut.
5. Run some coffee beans through the machine to check the grind adjustment.
6. Replace front cover on machine.

*This adjustment may change the amount of ground coffee dispensed.

CHANGING A BROKEN SHEAR DISK

1. Unplug the power cord.
2. Empty the hopper of beans.
3. Take out the thumb screws (10) to remove the grind cap (6).
4. Pull out the grinding burr/feed worm assembly (2). The inner half of the grinding burr set will remain in the housing.
5. Separate the shear cap (5) and shear drive (3). The snapped shear disk (4) should fall out of its slot on the shear drive.
6. Inspect and clean housing (1) of any coffee or debris. Especially look for anything that may have broken the shear disk.
7. Re-insert the feed worm and grinding burr on to the motor shaft.
8. Push shear drive through burr/feed worm assembly and align large slot with tongue on the motor shaft.
9. Rotate burr/feed worm assembly to align slot with narrow slot on shear drive.
10. Insert a new shear disk into slot. Cover with the shear cap.
11. Replace grind cap and thumb screws.



ISO 9001 REGISTERED

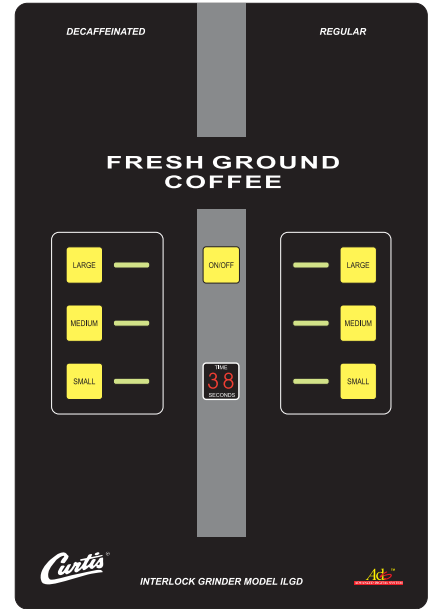
WILBUR CURTIS COMPANY
Montebello, CA 90640

PROGRAMMING THE GRINDER

PROGRAMMING THE ILGD & TL-ILGD GRINDER

Your grinder has been adjusted at the time of manufacture to provide satisfactory performance in most situations. In the event that you would like to vary the settings the grinder can be reprogrammed. Both grinders are programmed identically.

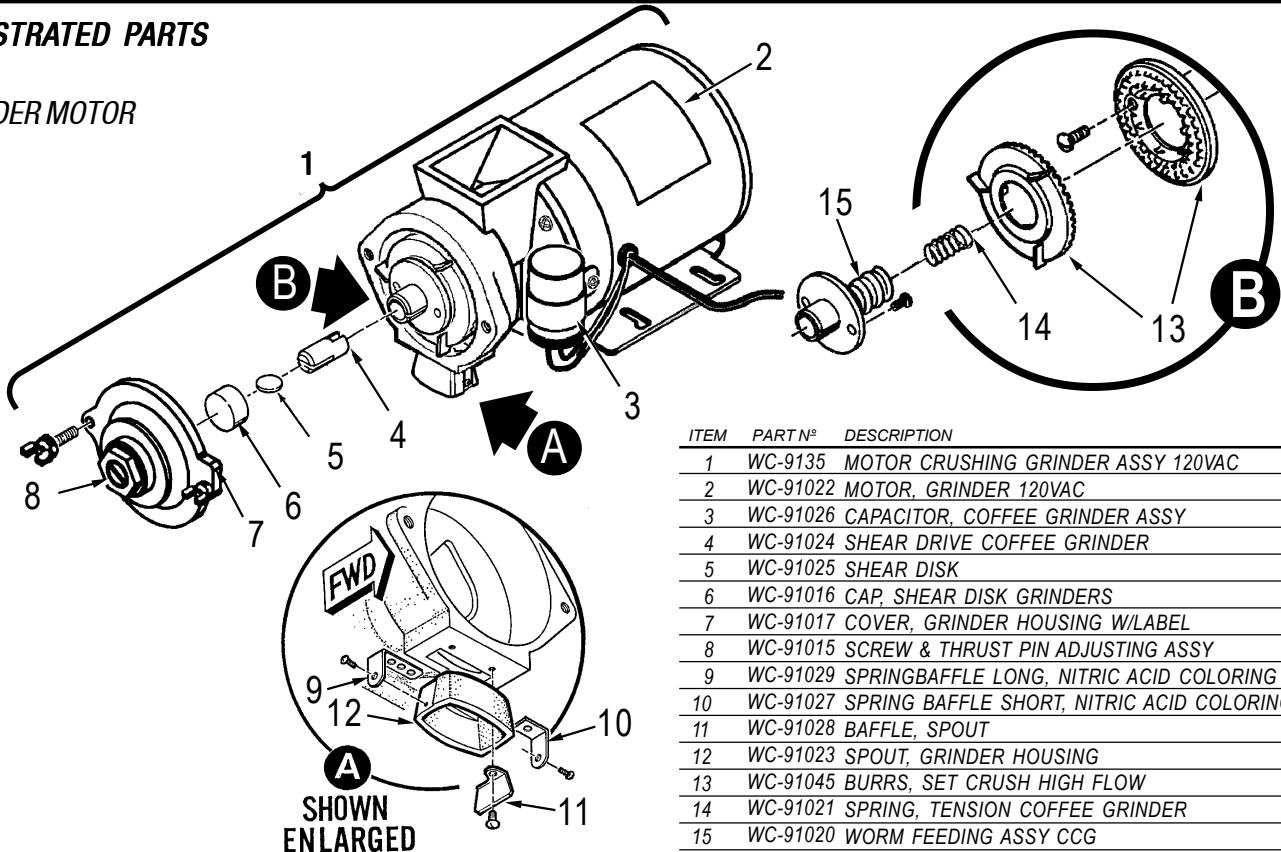
1. Place a paper filter beneath the grinder spout to catch coffee as it is ground.
2. Turn off the unit at the front panel, ON/OFF button.
3. Press and hold one of the grind buttons.
4. Press and release the ON/OFF button. Continue holding the grind button.
5. In the red window, the grind time on the button pressed will appear. Continue to hold and the time digits will start at **00** and increase. Release the button to set the new time. The table (left) can be used as a guide to estimate the amount of ground coffee you dispense with the chosen setting.
6. Wait for the motor to completely stop (10 seconds). To set and exit, press and release any other grind button.
7. Repeat the above steps to reset any other grind button.



IMPORTANT NOTE: Time settings in this table are only approximate. Amounts will vary with grind texture and specific coffee bean. Weigh your output, then make adjustments as necessary

Seconds	Ounces	Seconds	Ounces
4	1.3	15	4.5
5	1.5	20	6.2
6	1.8	25	7.6
7	2.0	30	8.8
8	2.5	35	10.0
10	3.0	40	11.8
12	3.7	45	13.5

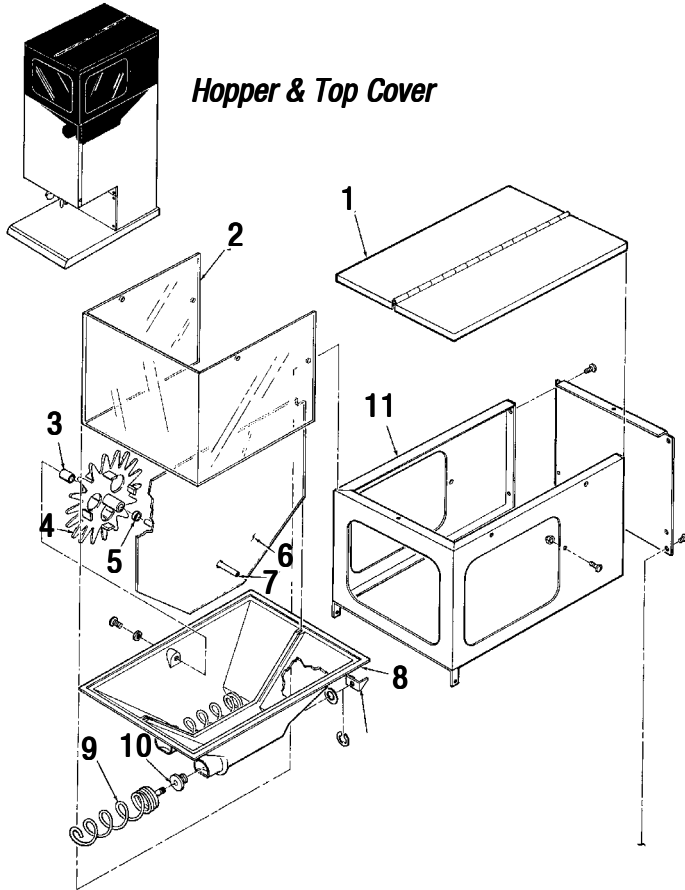
ILLUSTRATED PARTS LIST GRINDER MOTOR



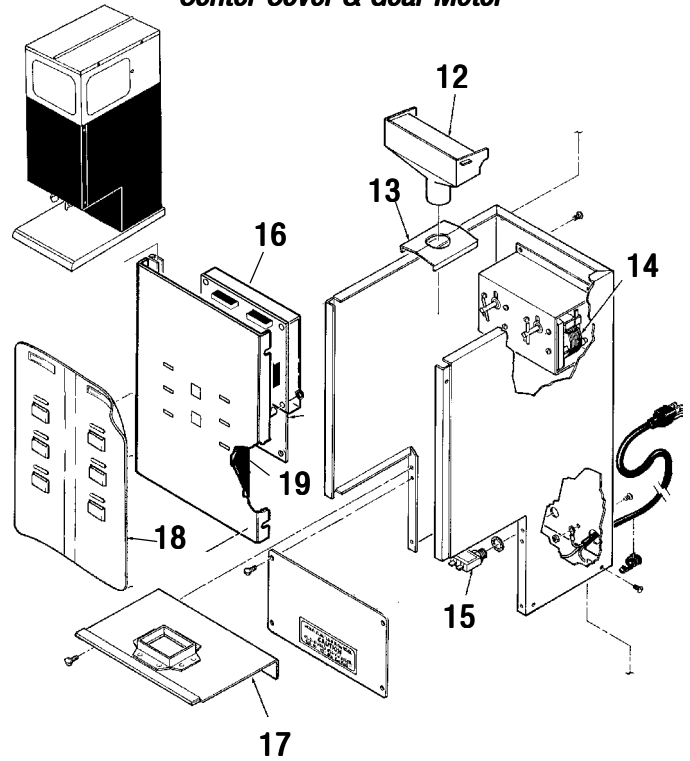
ITEM	PART N°	DESCRIPTION
1	WC-9135	MOTOR CRUSHING GRINDER ASSY 120VAC
2	WC-91022	MOTOR, GRINDER 120VAC
3	WC-91026	CAPACITOR, COFFEE GRINDER ASSY
4	WC-91024	SHEAR DRIVE COFFEE GRINDER
5	WC-91025	SHEAR DISK
6	WC-91016	CAP, SHEAR DISK GRINDERS
7	WC-91017	COVER, GRINDER HOUSING W/LABEL
8	WC-91015	SCREW & THRUST PIN ADJUSTING ASSY
9	WC-91029	SPRINGBAFFLE LONG, NITRIC ACID COLORING
10	WC-91027	SPRING BAFFLE SHORT, NITRIC ACID COLORING
11	WC-91028	BAFFLE, SPOUT
12	WC-91023	SPOUT, GRINDER HOUSING
13	WC-91045	BURRS, SET CRUSH HIGH FLOW
14	WC-91021	SPRING, TENSION COFFEE GRINDER
15	WC-91020	WORM FEEDING ASSY CCG

PARTS DIAGRAMS

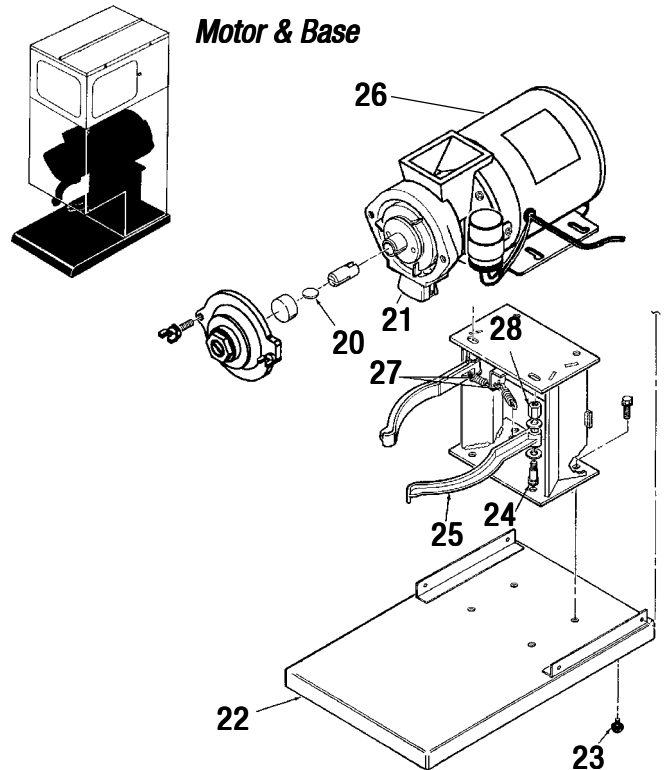
Hopper & Top Cover



Center Cover & Gear Motor

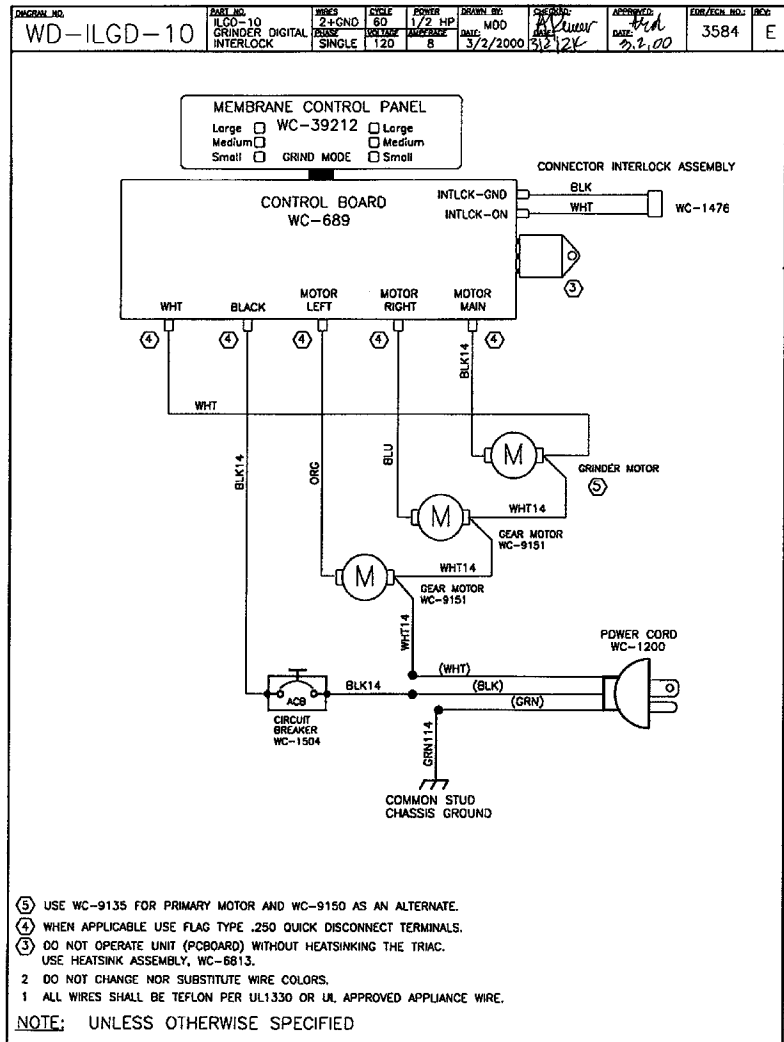


Motor & Base



Item	Part No.	Description
1	WC-9118	COVER, HOPPER DUAL GRINDER ASSY
2	WC-9131	WINDOW, ACRYLIC DUAL GRINDER
3	WC-9143	SPACER, 5/8" AGITATION WHEEL (OPTIONAL)
4	WC-9160	WHEEL, GRINDER AGITATION CCG (OPTIONAL)
5	WC-9144	SPACER, 9/32" AGITATION WHEEL (OPTIONAL)
6	WC-9132	DIVIDER, DUAL HOPPER, SS
6A	WC-9188	DIVIDER, W/HOLE, ILG-11/DHG-11 (AS SHOWN, OPTIONAL)
7	WC-9142	SHAFT AGITATION WHEEL (OPTIONAL)
8	WC-9116	DUAL HOPPER GRINDER ASSY
9	WC-9158	AUGER ASSY DHG/ILG/ILGD
10	WC-9183	BEARING, AUGER BR
11	WC-91013	WRAP, DUAL HOPPER ILGD
12	WC-9130	FUNNEL, DHG/ILGD
13	WC-9134	SHEILD, HOUSING, ILGD/ILG/SHG/DHG
14	WC-9151	MOTOR, GEAR 115V DUAL GRINDER
15	WC-1504	BREAKER, CIRCUIT 10A 120/250VAC
16	WC-689	CONTROL BOARD, ILGD, DHGILD
17	WC-9164	COVER ASSEMBLY, SPOUT
18	WC-39212	MEMBRANE CONTROL PANEL, ILGD
18A	WC-39248	MEMBRANE CONTROL PANEL, TL-ILGD
19	WC-3796	LABEL, ADJUSTMENT INFO SHG, DHG
20	WC-9107	DISK, SHEAR COFFEE GRINDERS
21	WC-91030	SPOUT & BAFFLE ASSY
22	WC-9101	BASE, GRINDER
23	WC-3502	LEG, SCREW BUMPER 8/32 STUD
24	WC-4813	SCREW, SHOULDER, 5/16 x 5/8
25	WC-9141	BASKET HOLDER ASSY
26	WC-9135	MOTOR, CRUSHING GRINDER ASSY 120VAC SHG/DHG/ILGD
27	WC-9155	SPRING, BASKET HOLDER
28	WC-9123	NUT, HEX ADAPTER GRINDER

ELECTRICAL SCHEMATIC



WARRANTY We hereby certify that the products manufactured by the Wilbur Curtis Company, Inc., are, to the best of our knowledge, free from all defects and faulty workmanship. The following warranties and conditions are applicable:

- 90 Days for Labor and 1 Year Parts from Date of Purchase from Factory: This warranty covers all electrical parts, fittings and tubing.
- 40 Months or 40,000 Pounds of Coffee on a set of Grinding Burrs. (ADS Grinders)
- 2 Years from Date of Purchase: This warranty covers electronic control boards and leaking or pitting of a stainless steel body of a Brewer or Um.
- 90 Days from Date of Purchase: On replacement parts that have been installed on out of warranty equipment

All in-warranty service calls must have prior authorization from the manufacturer. For an RMA (Return Merchandise Authorization) number, call the Technical Service Department at 1-800-995-0417. The Wilbur Curtis Company will allow up to 100 miles, round trip, per in-warranty service call.

CONDITIONS & EXCEPTIONS

The warranty covers original equipment at time of purchase only. The Wilbur Curtis Company, Inc., assumes no responsibility for substitute replacement parts installed on Curtis equipment that have not been purchased from the Wilbur Curtis Company, Inc. The Wilbur Curtis Company will not accept any responsibility if the following conditions are not met. The warranty does not cover and is void under these circumstances:

- 1) Improper operation of equipment. The equipment must be used for its designed and intended purpose and function.
- 2) Improper installation of equipment. This equipment must be installed by a professional, certified technician and must comply with all local electrical, mechanical and plumbing codes.
- 3) Wilbur Curtis Company will not be responsible for the operation of equipment at other than the stated voltages on the serial plate.
- 4) Abuse or neglect (including failure to periodically clean or remove lime accumulations). Manufacturer is not responsible for variation in equipment operation due to excessive lime or local water conditions.
- 5) Replacement of items subject to normal use and wear. This shall include, but is not limited to, light bulbs, shear disks, "O" rings, gaskets, canister assemblies, whipper chambers and plates, mixing bowls, agitation assemblies and whipper propellers.
- 6) Any faults resulting from inadequate water supply. This includes, but is not limited to, excessive or low water pressure, and inadequate or fluctuating water flow rate.
- 7) All repairs and/or replacements are subject to our decision that the workmanship or parts were faulty and the defects showed up under normal use.
- 8) All labor shall be performed during regular working hours. Overtime charges are the responsibility of the owner.
- 9) Charges incurred by delays, waiting time, or operating restrictions that hinder the service technician's ability to perform service is the responsibility of the owner of the equipment. This includes institutional and correctional facilities.
- 10) All claims under this warranty must be submitted to the Wilbur Curtis Company Technical Service Department before return of the unit to the factory.
- 11) All equipment returned to us must be repackaged properly in the original carton. No units will be accepted if they are damaged in transit due to improper packaging.
- 12) Damaged in transit.
- 13) The resetting of safety thermostats and circuit breakers, programming and temperature adjustments are the responsibility of the equipment owner.

NO UNITS OR PARTS WILL BE ACCEPTED WITHOUT A RETURN MERCHANDISE AUTHORIZATION (RMA). RMA NUMBER MUST BE MARKED ON THE CARTON OR SHIPPING LABEL.

All in-warranty service calls must be performed by an authorized service center, where service is available. Call the factory for location near you.



WILBUR CURTIS CO., INC.
 6913 Acco St., Montebello, CA 90640-5403 USA
 Phone: 800/421-6150 ♦ Fax: 323-837-2410
 ♦ Technical Service Phone: 800/995-0417 (M-F 5:30A - 4:00P PST) ♦ E-Mail: techservice@wilburcurtis.com
 ♦ Web Site: www.wilburcurtis.com

FOR THE LATEST SPECIFICATION INFORMATION GO TO WWW.WILBURCURTIS.COM