

# 1/4 HORSEPOWER HEAVY DUTY BENCH GRINDER

**GUARANTEE** This tool is fully tested, inspected and guaranteed for ninety (90) days against electrical and mechanical defects in material and workmanship. This guarantee does not cover breakage or damage caused by misuse, negligence, or unauthorized repair. If service is required, pack tool carefully and ship **PREPAID** to any of our Authorized Service Stations — **NOT** to your dealer. For tools returned to Factory **ONLY**, include letter explaining nature of difficulty, date of purchase and enclose check or money order for \$1.50 to cover return postage and handling charges.

## IMPORTANT

Your grinder has been oiled at the factory and is ready for use, but periodic lubrication is necessary for maximum operating efficiency (see diagram on oiling). No other grease or lubrication is necessary. Operate on 115 Volt AC Current Supply only. Don't use on an overloaded power line — low voltage continuously used will burn out motor. **WE RECOMMEND UNIT BE SHIPPED TO OUR NEAREST SERVICE STATION FOR REPAIR IF NECESSARY. PACK GRINDER EXTRA WELL TO AVOID DAMAGE IN TRANSIT AND SHIP PREPAID, AND INSURED.**

## OPERATING INSTRUCTIONS

**EYE SHIELDS:** Never use without Eye Shields in position. (Eye Shields packed detached). Eye Shields attach to grinding wheel guard housing with nut, spring, and washer supplied.

**STARTING GRINDER:** Grinder has been engineered to run smoothly and vibration-free, however, should be securely bolted to work bench for maximum safety. To start, push switch to "on" position. Grinder builds up to 3400 R.P.M. and is ready for work in a few seconds.

**TOOL RESTS AND GRINDING WHEELS:** Grinder is equipped with exclusive tilting adjustable tool rests. Select desired position of tool rest and tighten wing nut. Grinder is also designed to give 30% more center work clearance. Wheels are 6" diameter — one coarse and one fine grain. Care should be taken to periodically check condition of grinding wheels. Vibration of grinder indicates either or both wheels must be dressed. When wheels become worn, they should be replaced. **NEVER REPLACE WITH WHEEL OF LESS THAN 3820 R.P.M. RATING.**



MANUFACTURED IN U.S.A. BY  
**TOOL CORPORATION**  
CHICAGO, ILLINOIS 60612

## AUTHORIZED SERVICE STATIONS

**ALABAMA**  
Birmingham, Tool Service Company,  
1113 4th Avenue, South  
Mobile, Household Electrical, 210 S. Broad St.

**ALASKA**  
Fairbanks, Bob's Saw Shop, Box 574  
Spenard, Industrial Electric, 3311 Spenard Rd.

**ARIZONA**  
Phoenix, Arizona Armature Service, 1728 E. Van Buren  
Phoenix, Glenn's Armature Service,  
1326 E. Indian School Rd.  
Tucson, Electric Motor Co., 1028 E. Broadway

**CALIFORNIA**  
Los Angeles, California Electric Service, 832 S. Alvarado  
Branches: Covina—Long Beach—Oakland—Pasadena  
—Sacramento—San Bernardino—San Francisco—San  
Jose—Santa Ana & Van Nuys  
Oakland 11, Electrical Appliance Service Co.,  
4238 Broadway  
San Bernardino, Small Appliance Servicer,  
482 W. Highland Ave.  
San Francisco 3, Electrical Appliance Service,  
1434 Howard St.

**COLORADO**  
Denver, Midwest Electrical Service Co., 1124 Santa Fe Drive  
Denver, Western Repair Co., 1800 Franklin St.

**CONNECTICUT**  
Bridgeport, Benco Appliance Service, Inc.,  
281 Fairfield Ave.  
Hartford, Hartford Element Appliance Service,  
1500 Albany Ave.  
Norwich, LaCourse Radio-Electric Service, 184 Franklin St.

**FLORIDA**  
Clearwater, Carco Elec. Co., 1939 Harding  
Jacksonville, Ross Appliance Repair, 1812 Pearl  
Miami, East Coast Appliance Service, Inc.,  
4030 North Miami Avenue  
Sarasota, Keystone Electric, 404 N. Washington  
St. Petersburg, Keystone Electric, 4602 Central Avenue  
Tampa 3, Horne's Tool Service, 2107 W. Hillsboro Ave.  
Tampa, Overpass Hardware & Tackle Store,  
7500 N. Dale Mabry Ave.

**GEORGIA**  
Atlanta, Tool Service Company, 249 Alexander St. N.W.

**IDAHO**  
Boise, Missman Electric Company, 2304 N. 26th St.

**ILLINOIS**  
Chicago 60612 Ram Tool Corp. (Factory)  
2133 W. Fulton St.  
Rockford, F & M Radio & TV Service, 315 Kishwaukee St.

**INDIANA**  
Evansville, Auto Electric Service, 315 W. Franklin  
Fort Wayne, Electric Tool Service, 1940 S. Harrison St.  
Indianapolis 3, Shafer Repair Shop, 2745 S. Tindell St.

**IOWA**  
Davenport, Industrial Engineering Co., 1958 W. River  
Des Moines, University Appl. Serv. Center,  
2302 University Ave.  
Waterloo, Mid-West Motor Bearing Co.,  
Sycamore at East Seventh

**KANSAS**  
Wichita, Electric Motor Specialties, 1032 E. Harry

**KENTUCKY**  
Louisville 4, Elec. Tool Service Corp., 757 Logan St.

**LOUISIANA**  
New Orleans 13, Bill Dries, Inc., 1517 Calliope St.

**MARYLAND**  
Baltimore, The Electric Motor Repair Co., 109 Fallsway

**MASSACHUSETTS**  
Allston 34, Service Sales Corp., 442 Cambridge St.  
Springfield 5, The Saw Center, 466 Main St.  
Worcester, Appliance Servicer, 789 Main St.

**MICHIGAN**  
Detroit 15, All-Phase Electric Co., 11560 E. McNichols  
Grand Rapids, Van Hove Co., 100 Ionia S. W.  
Lansing, Rapid Appliance Service, Inc.,  
1452 E. Michigan Ave.  
Saginaw, Kilmer Electric Corp., 219 Atwater St.

**MINNESOTA**  
East Grand Forks, East Electric Motor, 402 S. 4th Street  
Minneapolis 3, General Parts & Sup. Co., 66 Glenwood Ave.  
St. Paul, General Parts & Supply Co., 539 N. Fairview

**MISSOURI**  
Kansas City 8, Heath Elec. Service Co., 518 E. 16th St.  
St. Louis, Kammerliten Electric Co., 2700 Locust St.  
St. Louis 8, Standard Electric Co., 2101 Cass Ave.

**MONTANA**  
Billings, Ted's Electric Service, 902 Howard Ave.  
Great Falls, TV Service Center, 708 Central Ave.

**NEBRASKA**  
Omaha 2, Thacker Electric, 2217 Cuming St.

**NEW JERSEY**  
Jersey City, Ace Motor & Armature, 102 Cambridge  
Newark, Electra-Craft, Inc., 250 Halsey St.

**NEW MEXICO**  
Albuquerque, Appliance Service Center,  
5505 Silver Ave., S.E.

**NEW YORK**  
Albany 5, Lake Electronic Service Inc., 1650 Central Ave.  
Brooklyn 7, White Tool Service, 3047 Atlantic Ave.  
Buffalo 10, S-S Electric Repair Shop Inc., 2470 Seneca St.  
Nanuet, Authorized Appliance Repair Service,  
314 West Route 59  
New York, Del Portable Electric Co., 10 W. 3rd St.  
New York City, Electra Craft Inc., 348 W. 42nd Street  
Poughkeepsie, Appliance Servicer, 525 Main St.  
Rochester, Hy-Jack Co., 734 Joseph Avenue  
Tuckahoe 7, Authorized Appliance Repair Service,  
95 Lake Ave.

**NORTH CAROLINA**  
Charlotte, Authorized Appliance Service Center,  
1020 Tuckaseegee Road  
Raleigh, Authorized Appliance Service Center,  
104 Glenwood Ave.  
Winston-Salem, Authorized Appliance Servicer,  
1019 S. Marshall Street

**NORTH DAKOTA**  
Fargo, General Parts & Supply Co., 1706 Main Ave.

**OHIO**  
Akron, J. C. Eberhardt Tool Repair, 5841 Canterbury Dr.  
Canton, Home Electric Co., 1800 - 9th St., S.W.  
Cincinnati 2, Golden Rule Electric Inc., 808 Elm St.  
Cleveland, Jaye & Jaye Inc., 16360 Euclid Ave.  
Columbus 22, B. R. Shoemaker & Son,  
950 Oakland Park Ave.  
Dayton, Laver Electric, 431 E. 5th St.

**OKLAHOMA**  
Oklahoma City 3, Hohmann & Brown Appliance Service,  
535 N. Virginia  
Tulsa 10, All Electric Co., 2435 E. Admiral Place

**PENNSYLVANIA**  
Allentown, Curio Electric, 825 S. Fifth Street  
Erie, Henry W. Cosper Co., 2203 W. 26th St.  
Harrisburg, K & D Service Co., 528 S. Cameron  
Lancaster, K & D Service Co., 332 N. Queen St.  
Philadelphia 39, The Arnold Co., Inc., 105 S. 60th St.  
Philadelphia, The Arnold Co., Inc., 1427 Vine St.  
Pittsburgh 33, Snyder Electric Co., 1500 Chateau St.  
Pittsburgh 22, Quick Electric Co., 300 Stanwix St.  
Reading, Electric Repair Co., 504 Ninth St.  
York, K & D Service Co., 120 N. George St.

**SOUTH CAROLINA**  
Columbia, Authorized Appliance Servicer,  
1811 Taylor St.  
Greenville, Authorized Appliance Service Center,  
237 W. Washington St.

**SOUTH DAKOTA**  
Sioux Falls, General Parts & Supply Co., Inc.,  
307 E. 12th St.

**TENNESSEE**  
Knoxville 17, Tennessee Electric Motor Service,  
109 Jennings Ave.  
Nashville 3, Factory Service Centers, 209 - 14th Ave., N.

**TEXAS**  
Dallas, Pearsol Appliance Co., 3127 Main  
Houston, C. R. Stone Electric Co., 2003 Pease St.  
Fort Worth, Pearsol Appliance Co., 2811 W. 7th  
San Antonio 1, Murrie Appliance Service,  
1422 W. Hildebrand

**UTAH**  
Salt Lake City, H & M Electric Motor Service, 1325 Major St.

**VERMONT**  
Burlington, National Power Tool, 156 N. Winooski

**VIRGINIA**  
Fallschurch, Seven Corners Corp., 6309 Leesburg  
Richmond 30, Roy's Electric Motor Service, Inc.,  
3201 Norfolk St.

**WEST VIRGINIA**  
Charleston, Krebs Radio-TV Service, 919 Red Oak St.

**WASHINGTON**  
Seattle 22, Trace Electric Co., 1524 Twelfth Ave.  
Spokane 10, K & N Electric Motors, Inc.,  
N. 1311 Washington

**RAM TOOL CORPORATION**

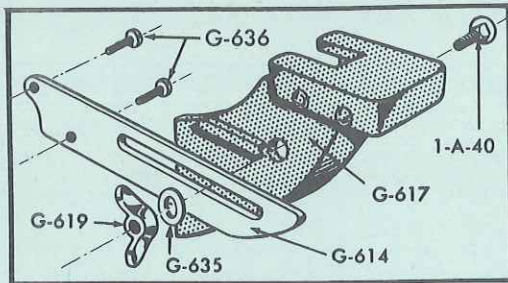
2133 W. FULTON ST.  
CHICAGO, ILLINOIS 60612

POST CARD

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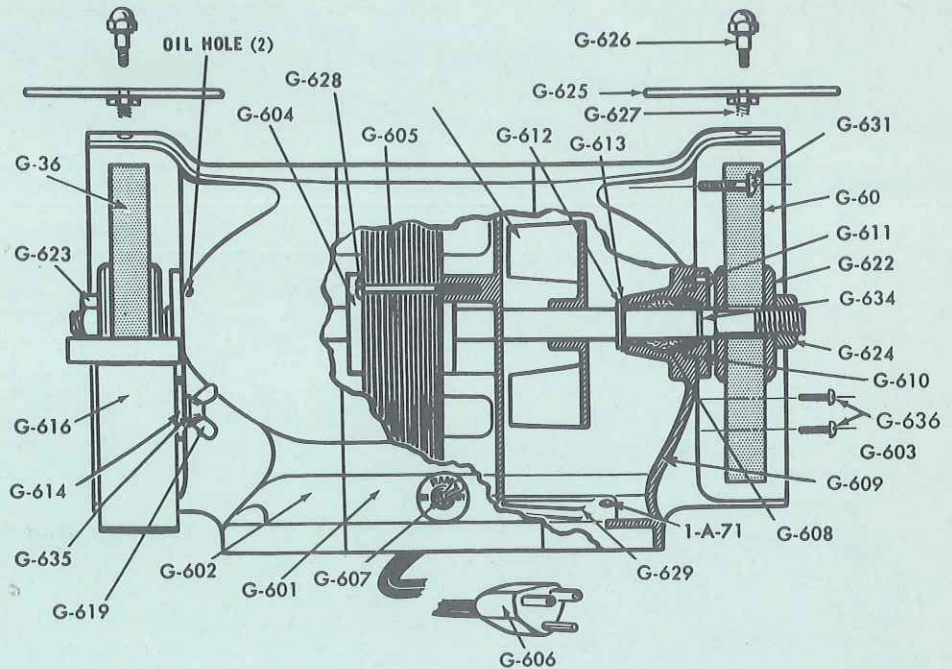


# 1/4 HORSEPOWER HEAVY DUTY BENCH GRINDER



## SPECIFICATIONS:

- 1/4 Horsepower Shaded Pole Motor
- Exclusive Tilting Adjustable Tool Rest
- 30% More Center Clearance
- Adjustable Eye Shields
- Approx. R.P.M. 3400
- Two—6" Grinding Wheels, One fine and one Coarse
- 115 Volt, AC, Air Cooled Motor, 6.4 Amps, 60 Cycles.
- 6 Ft. Heavy Duty, 3 Conductor Cord



## HOW TO ORDER PARTS:

1. Order by Part Number and Description.
2. Specify Model and Serial Numbers (see Name Plate.)

3. Check list of Authorized Service Stations and select the one nearest you.
4. Enclose money order or check to cover return postage, with your order to save C.O.D. charges.

## NOTE: THIS MANUAL IS VALUABLE. KEEP IN A SAFE PLACE

TO ASSURE PROPER POWER TOOL SERVICE, PARTS AND MAINTENANCE, FILL OUT AND RETURN THE GUARANTEE REGISTRATION CARD. DO NOT MAIL MANUAL.

## CUT OUT POST CARD ON DOTTED LINE

**IMPORTANT:** GUARANTEE VOID UNLESS CARD IS RETURNED WITHIN 10 DAYS FROM DATE OF PURCHASE

## PARTS LIST FOR BENCH GRINDER

All prices are subject to change without notice  
Minimum charge per order \$1.00

Part No.	Description	Price Ea.	Part No.	Description	Price Ea.
G-36	Grinding Wheel—36 Grit	\$ 3.00	G-619	Guard Bolt Wing Nuts (2)	.04
G-60	Grinding Wheel—60 Grit	3.00	G-622	Wheel Washers (4)	.24
G-601	Housing (center casting)	5.32	G-623	Left End Nut	.08
G-602	Left Housing End	5.60	G-624	Right End Nut	.08
G-603	Right Housing End	5.60	G-625	Plastic Shields (2)	.44
G-604	Armature	9.60	G-626	Plastic Shield Bolts (2)	.16
G-605	Field	22.40	G-627	Plastic Shield Springs (2)	.02
G-606	Cord Assembly 3 Cond. 6 Ft.	2.00	G-628	Field Screws (2)	.06
G-607	Toggle Switch	1.72	G-629	Bottom Cover	.36
G-608	Armature Bearings (2)	.40	G-631	Housing Screws (8)	.02
G-609	Felt Washers for Armature Bearings (2)	.02	G-633	Wire Nuts (2) (not shown)	.02
G-610	Armature Bearing Covers (2)	.28	G-634	End Felt Dust Retainers (2)	.02
G-611	Armature Bearing Cover Screws (6)	.02	G-635	Guard Bolt Washers (2)	.02
G-612	Armature Retainers (2)	.04	G-636	Guard Arm Screws (4)	.02
G-613	Armature Washers (2)	.02	G-648	Wheel Covers (2 not shown)	1.00
G-614	Guard Arms (2)	.14	1-A-40	Guard Bolts (2)	.02
G-616	Left Guard and Table Assembly	1.44	1-A-71	Bottom Cover Screws (4)	.02
G-617	Right Guard and Table Assembly	1.44	1-A-76	Grounding Screw (not shown)	.02

## GUARANTEE REGISTRATION CARD

SERIAL NO.

MODEL NO.

PURCHASED FROM

STATE

CITY

DATE

YOUR NAME (Please Print)

STREET NO.

STATE

CITY