



**GENERAL
ELECTRIC**

**HOUSEWARES
DIVISION**

ED

GENERAL ELECTRIC POWER TOOLS

INSTRUCTION MANUAL

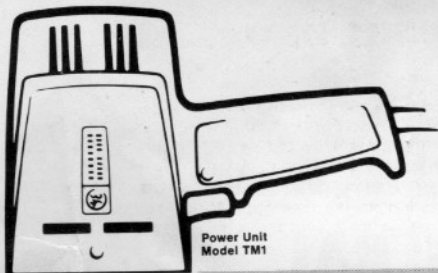
**FOR
TH-20
1/4" DRILL HEAD**

File this book for future reference
See last page for service information



GENERAL ELECTRIC PRESENTS

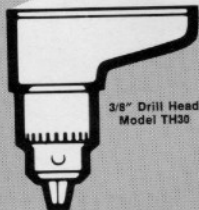
A Revolutionary concept in precision power tool design. *NOW* a family of professional quality power tools, featuring a unique power unit interchangeable with four precision tool heads, designed for superior performance.



Power Unit
Model TM1



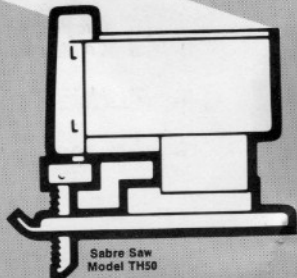
1/4" Drill Head
Model TH20



3/8" Drill Head
Model TH30



Sander
Model TH60



Sabre Saw
Model TH50

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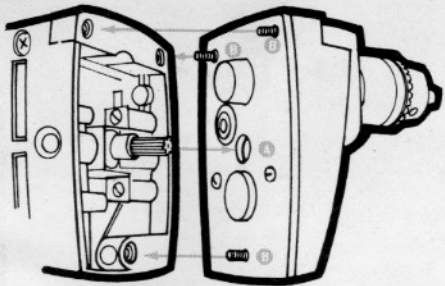
1/4" DRILL HEAD *Model TH20*

1/4" DRILL HEAD — The TH20 1/4-inch Drill Head is one of a family of tool heads designed for use with the G-E TM1 Power Unit. The Drill Head is simply and quickly assembled to the TM1 Power Unit by inserting the special bearing hub on the Power Unit motor shaft into the precisely located hole in the Drill Head. Instant and precise gear mesh between the Power Unit pinion gear and the Tool Head gearing is assured each time the Drill Head is assembled to the Power Unit by this built-in locating means.

Simply follow the assembly procedure, and your assembled tool is ready for use.

The 1/4" Drill Head contains its own precision, 2 stage reduction gear system designed to operate at 1800 rpm to do those jobs especially suited for high speed drilling in such materials as wood, metal, plastics and fiberboard. The gears are high-impact resistant special alloy steel that will give years of trouble free performance.

SPECIFICATIONS — *Precision built Jacobs chuck of high-tempered quality steel opens from 0 to 1/4"; no-load speed 1800 rpm; weighs only 1 lb.; die-cast aluminum housing; for use with G.E. Power Unit TM1; industrially listed by U.L.*

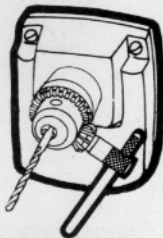


Assembly Procedure

Insert bearing hub in pilot hole to assure precise alignment. (A)

Tighten all three permanently attached head mounting screws. (B)

Back off each screw 1/4 turn. Run unit a few seconds, then re-tighten all three screws securely.



1/4" Drill Head Chuck Assembly — A precision geared Jacobs chuck of recognized quality with its matching chuck key is included. To use the chuck, open the jaws wide enough to take the size drill you want to use, and insert this drill into the chuck as far as it will go. Close the jaws by hand to line up the bit properly. Lock the bit in the chuck by inserting the chuck key in each of the 3 holes in rotation and tighten securely. The chuck may be released by using one hole only.

WARRANTY

General Electric Company warrants to the purchaser of this new General Electric Power Tool that if any part thereof proves to be defective in material or workmanship within one year from the date of original purchase for use, such defective part will be repaired or replaced (at the Company's option) free of charge. The Company has no other obligation or liability in connection with said product.

To obtain repairs, said product should be delivered, charges prepaid, to the nearest General Electric Servicenter listed in this booklet or to the nearest authorized General Electric Service Station listed under Electrical Appliance Repairs in your classified Telephone Directory.

This warranty is void if said Power Tool has been subject to damage, misuse or abuse. This warranty applies only to products purchased for use within and retained within the continental limits of the United States, Alaska, Hawaii and Puerto Rico.

CAUTION

When conventional portable electric tools are used with *external speed control devices*, it has been found that the tools are subject to possible premature motor failure, since they are not designed for low speed operation. Your warranty does not cover motor failure due to the use of these devices.

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HOUSEWARES DIVISION
BRIDGEPORT, CONNECTICUT 06602

GENERAL ELECTRIC SERVICENTERS

Send your order for replacement parts or appliance service to the nearest Servicenter listed below.

Atlanta, Ga. 30315	1735 Stewart Avenue, S.W.
Atlanta, Ga. 30318	1777 Ellsworth Industrial Drive, N.W.
Baltimore, Md. 21211	210 W. 29th Street
Boston, Mass. 02134	215 Brighton Avenue
Bridgeport, Conn. 06610	2126 Boston Avenue
Brooklyn, New York 11201	38 Bond Street
Chicago, Ill. 60641	Cor.-Kilbourn & Milwaukee Avenues
Cleveland, Ohio 44114	1435 East 17th Street
Columbus, Ohio 43222	479 W. Broad Street
Dallas, Tex. 75207	961 Dragon Street
Denver, Colo. 80204	975 Federal Blvd.
Detroit, Mich. 48221	8930 W. Seven Mile Road
El Paso, Tex. 79925	6593 Montana Street
Evanston, Ill. 60201	1567 Sherman Avenue
Hammond, Ind. 46234	7324 Indianapolis Blvd.
Houston, Tex. 77006	2606 S. Shepherd Drive
Indianapolis, Ind. 46202	1827 N. Meridian Street
Kansas City, Mo. 64108	2619 McGee Trafficway
Latham, N.Y. 12110	7 Herbert Drive South
Long Beach, Calif. 90804	4511 E. Pacific Coast Highway
Los Angeles, Calif. 90057	2800 Beverly Blvd.
Memphis, Tenn. 38103	669 Madison Avenue
Metairie, (N.O., La.) 70002	3300 N. Causeway Blvd.
Miami, Fla. 33145	2151 S.W. 27th Avenue
Milwaukee, Wisc.	6106 West Fond du Lac Avenue
New York, N.Y. 10017	Grand Central Terminal
New York, N.Y. 10018	47 West 36th Street
Norfolk, Va. 23502	4552 E. Princess Anne Rd.
Oakland, Calif. 94606	1045 E. 12th Street
Oklahoma City, Okla. 73106	719 No. Virginia Avenue
Omaha, Neb. 68102	1710 Howard Street
Pasadena, Calif. 91107	3486 E. Foothill Blvd.
Pennsauken, N.J. 08101	7100 Airport Highway
Philadelphia, Pa. 19139	5542 Chestnut Street
Philadelphia, Pa. 19149	2010 Levick Street
Pittsburgh, Pa. 15205	2419 Baldwin Road
Pittsburgh, Pa. 15206	6118 Centre Avenue
Portland, Ore. 97214	2137 E. Burnside Street
Reading, Mass. 01867	100 Main Street
Richmond, Va. 23230	4011 W. Broad Street
Sacramento, Calif. 95815	1785 Arden Way (Arden Fair Shop. Ctr.)
St. Louis, Mo. 63139	2355 Hampton Avenue
San Antonio, Tex. 78212	702 N. McCullough Avenue
San Diego, Calif. 92110	1990 Camino Del Rio No.
San Francisco, Calif. 94103	1090 Bryant Street
San Jose, Calif. 95112	1727 No. First Street
Seattle, Wash. 98121	2905 Third Avenue
Tampa, Fla. 33609	3602 W. Kennedy Blvd.
Washington, D.C. 20007	1805 Wisconsin Avenue, N.W.
Yonkers, N.Y. 10704	5 Xavier Dr. (Cross Co. Shop. Ctr.)