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

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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.
GENERAL ELECTRIC

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 ¼ 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.

GENERAL ELECTRIC

HOUSEWARES DIVISION
BRIDGEPORT, CONNECTICUT 06602

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GENERAL ELECTRIC SERVICENTERS

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

Atlanta, Ga. 30315
Atlanta, Ga. 30318
Baltimore, Md. 21211
Boston, Mass. 02134
Bridgeport, Conn. 06610
Brooklyn, New York 11201
Chicago, I11. 60614
Cleveland, Ohio 44114
Columbus, Ohio 43222
Dallas, Texas 75207
Denver, Colo. 80204
Detroit, Mich. 48221
El Paso, Tex. 79925
Evaston, Ill. 60201
Hammond, Ind. 46234
Houston, Tex. 77006
Indianapolis, Ind. 46202
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Latham, N.Y. 12110
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Los Angeles, Calif. 90057
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Philadelphia, Pa. 19149
Pittsburgh, Pa. 15205
Pittsburgh, Pa. 15206
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San Jose, Calif. 95112
Seattle, Wash. 98121
Tampa, Fla. 33609
Washington, D.C. 20007
Yonkers, N.Y. 10704

1735 Stewart Avenue, S.W.
1777 Eellsworth Industrial Drive, N.W.
210 W. 29th Street
215 Brighton Avenue
2126 Boston Avenue
38 Bond Street
Cor.—Kilbourn & Milwaukee Avenues
1435 East 17th Street
479 W. Broad Street
961 Dragon Street
975 Federal Blvd.
8930 W. Seven Mile Road
6593 Montana Street
1567 Sherman Avenue
7324 Indianapolis Blvd.
2606 S. Shepherd Drive
1827 N. Meridian St.
2619 McGee Trafficway
7 Herbert Drive South
4511 E. Pacific Coast Highway
2800 Beverly Blvd.
669 Madison Avenue
3300 N. Causeway Blvd.
2151 S.W. 27th Avenue
6106 West Fond du Lac Avenue
Grand Central Terminal
47 West 36th Street
4552 E. Princess Anne Rd.
1045 E. 12th Street
719 No. Virginia Avenue
1710 Howard Street
3486 E. Foothill Blvd.
7100 Airport Highway
5542 Chestnut Street
2010 Levick Street
2419 Baldwin Road
6118 Centre Avenue
2137 E. Burnside Street
100 Main Street
4011 W. Broad Street
1785 Arden Way (Arden Fair Shop. Ctr.)
2355 Hampton Avenue
702 N. McLoughling Avenue
1990 Camino Del Rio N.O.
1090 Bryant Street
1727 No. First Street
2905 Third Avenue
3602 W. Kennedy Blvd.
1805 Wisconsin Avenue, N.W.
5 Xavier Dr. (Cross Co. Shop. Ctr.)