

Forney F240-

COMBINATION REPAIR UNIT

COUGAR POWER



Catalog # 177-0

WELDS-BRAZES-SOLDERS
CHARGES BATTERIES
THAWS PIPES
HARDFACES

PRECISION BUILT

As with all Forney welders this is a precision built machine with patented windings; high quality laminated silicon steel core; best magnet wire windings; highest quality insulation; built-in-arc boosters; calibrated voltage for each amperage; aluminum transformer mountings eliminate magnetic interferences.

CHECK THESE FEATURES

1. The easy "plug-in" type, exact amperage every time. Eliminates wearing parts and time-wasting cranking.
2. Will handle just about any rod 3/32" to 3/16, and problem rods such as Low Hydrogen and Hardfacing.
3. Famous Forney quality and workmanship backed by nearly half a century of manufacturing know-how.
4. Engineered and designed for hours of continuous use, and years of service.
5. High voltage test assures you of a safe dependable welder free of insulation failure causing short circuits.
6. Equipped with a built-in battery charging unit with 3-hour timer which terminates the charge at the preselected time preventing any overcharging of the battery.
7. The polarity protected relay which automatically protects against reverse polarity connections is now transistorized.
8. Portable - Equipped with 6" rubber-tired wheels and chrome handle.

SPECIFICATIONS 240 AMP.

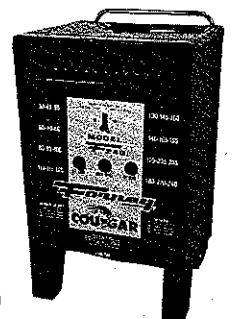
Transformer heavy duty - limited input
Primary Voltage 208 - 230
Primary Input 50
Phase Single
Frequency 60-Cycle
Max. Open Circuit Voltage 80
Heat Stages 24 Range 30 to 240 Amps
Duty Cycle Continuous at 200 Amps
Battery Charging Output — 6 v. 25-50; 12 v. 15-25
Dimensions 19 1/2" W., 20 1/2" D., 32" L. overall
Net Weight 147 lbs. Crated 160 lbs.

WARRANTY

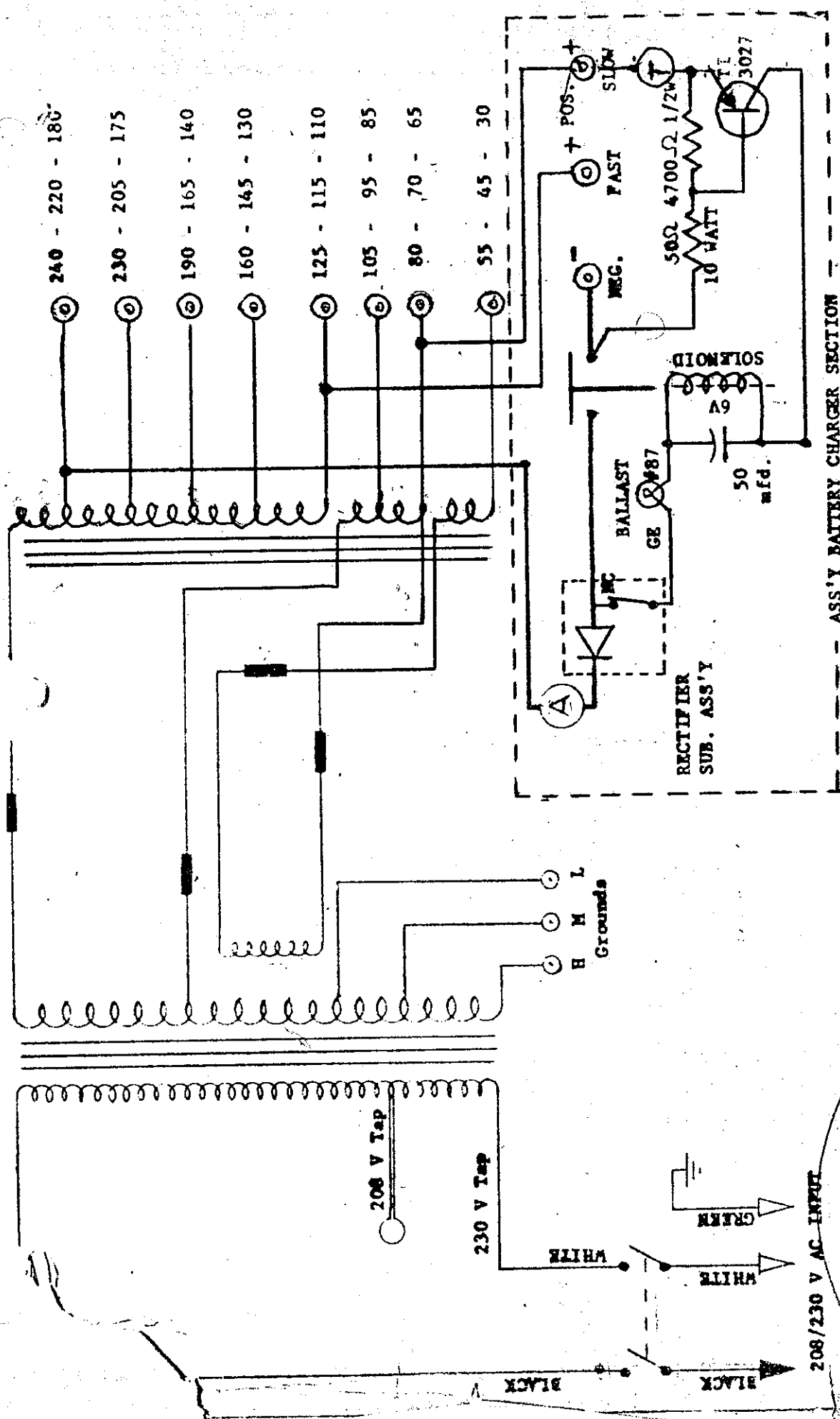
All parts are warranted against defects in workmanship and material for a period of one year and transformer is guaranteed against burn-out for five years from date of purchase by the original owner.

MODEL F240 WITHOUT CHARGER AVAILABLE

This Forney repair unit is exactly the same as the one above except the built-in battery charger is left out. However, this unit can be installed at a future date if required. CAT. NO. 172-0



FORNEY ARC WELDERS DIV. OF FORNEY INDUSTRIES, INC. Fort Collins, Colorado, U.S.A. Regina, Sask., Canada



208/230 V AC INPUT

BLACK

WHITE

GREEN

208 V Tap

230 V Tap

H M L Grounds

RECTIFIER SUB. ASS'Y

BALLAST B

GE #87

50 mfd.

A9

SOLENOID

50Ω 4700Ω 1/2W

10 WATT

3027

NEG.

POS.

SW

ASS'Y BATTERY CHARGER SECTION

SPEC +
USED ON MACHINES
BEFORE JAN 10, 74

Model "T" 240 w. B. T. Arc Welder

Schematic, Electrical

SPEC. #151-U-23

FORNEY MANUFACTURING CO. DWG. NO.

DIV. OF FORNEY INDUSTRIES, INC.

FORT COLLINS, COLORADO

DRAWN	16/10/74
DATE	5-27-70
SCALE	NONE
TOL.	± .XX .032 .XXX .015

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