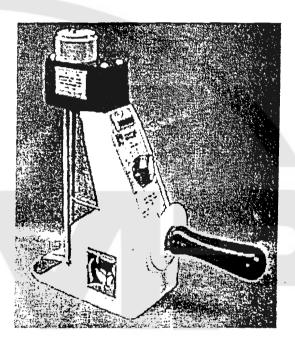


# **WOLF CUTTERS SET THE PACE SINCE 1888**

# UNIVERSAL HOT NOTCHER

8" & 12" MODELS



# PARTS & SERVICE MANUAL

# WOLF MACHINE CO.

 5570 CREEK ROAD, CINCINNTL OHIO 45242, USA

 TOLL FREE: 1-800-543-9653
 TEL:: 1-513-791-5194

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 E-MAIL: http://www.wolfmachine.com

#### WARNING

EXERCISE DUE CARE IN HANDLING THIS TOOL TO PREVENT PERSONAL INJURY. WHEN HOT NOTCHER IS "ON", HEATER BLADE CAN CAUSE A SEVERE BURN.

#### BEFORE OPERATING THIS TOOL, READ ALL INSTRUCTIONS CAREFULLY

#### **OPERATING PRECAUTIONS:**

- 1. DO NOT LEAVE THE HOT NOTCHER IN THE "ON" POSITION UNATTENDED.
- 2. ON "HIGH" SETTINGS, THE OUTSIDE OF THE HOT NOTCHER CASING CAN BECOME VERY HOT TO THE TOUCH. USE ONLY THE HANDLE TO MOVE THE TOOL.
- 3. IT CAN TAKE AS LONG AS I HOUR FOR THE OUTSIDE OF THE HOT NOTCHER TO COOL DOWN FROM PROLONGED USE ON THE HIGH SETTINGS EVEN THOUGH THE HEATER ELEMENT WILL COOL IN APPROX. 15 MINUTES.

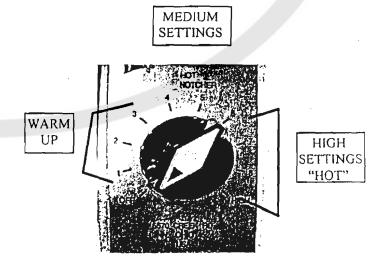
#### **SAFETY**:

WHILE THE HOT NOTCHER IS OPERATING, NEVER LEAVE UNATTENDED OR TOUCH THE HEATER BLADE WITH ANY PART OF YOUR PERSON. WHILE "ON", THE HEATER ELEMENT CAN CAUSE A SEVERE BURN. FOR NORMAL OPERATING NEVER REMOVE THE DEPTH NOTCH STOPS. FOR PROPER OPERATION OF THIS TOOL, THE BASE SHOULD BE ON A HORIZONTAL, FLAT, STABLE, SURFACE. WHEN ATTEMPTING MAINTENANCE, REPAIRS, OR ADJUSTMENTS ALWAYS DISCONNECT ELECTRIC CONNECTOR AND ALLOW SUFFICIENT COOLING TIME (APPROXIMATELY 15 MINUTES).

#### **TO OPERATE :**

ATTACH THE LINE PLUG TO THE TOOL. ROTATE THE INDICATOR DIAL TO THE DESIRED SETTING FOR THE MATERIAL YOU ARE USING. THE RED INDICATOR LIGHT ABOVE THE DIAL PLATE SHOWS THE OPERATING CONDITION OF THE TOOL. WHEN USING THE HOT NOTCHER AFTER SOMEONE ELSE OR FOR THE FIRST TIME, CHECK THE RED INDICATOR LIGHT. IF IT IS "ON" BE CAREFUL OF THE HEATER ELEMEMT. THERE IS A GOOD CHANCE IT IS HOT ENOUGH TO CAUSE A PERSONAL BURN.

NOTE : WHEN FIRST USING THE HOT NOTCHER SOME EXPERIMENTING MAY NEED TO BE DONE TO FIND OUT THE SETTING THAT IS IDEAL FOR YOUR MATERIAL.



#### TO ADJUST DEPTH OF NOTCH:

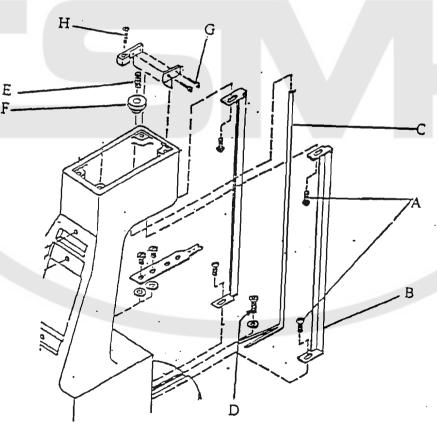
MAKE SURE THAT THE HEATER ELEMENT HAS COOLED FOR APPROX. 15 MINUTES, AND THAT THE TOOL IS DISCONNECTED FROM THE ELECTRICAL CONNECTOR. LOOSEN THE LOCKING SCREWS (A) ON THE FOOT & UPPER ARM OF THE DEPTH GUARDS (B). MOVE THE DEPTH GUARDS (B) TO THE DESIRED POSITION EVENLY. TIGHTEN THE SCREWS (A) FIRMLY.

#### TO REMOVE THE HEATER ELEMENT (C):

MAKE SUE THAT THE HEATER ELEMENT HAS COOLED FOR APPROXIMATELY 15 MINUTES, AND THAT THE TOOL IS DISCONNECTED FROM THE ELECTRICAL CONNECTOR.

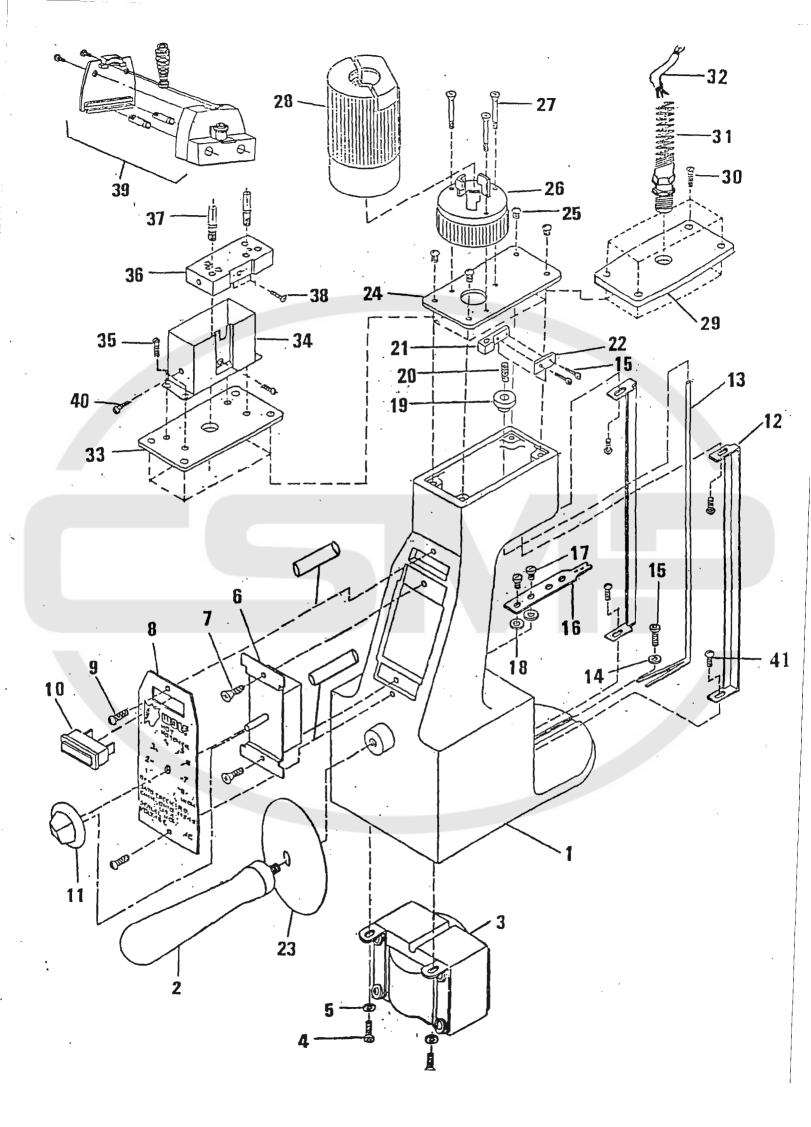
- 1. REMOVE THE UPPER ELECTRICAL CONNECTOR FROM IT'S MOUNTING PLATE.
- 2. LOOSEN THE SCREWS (D) & (H) HOLDING THE FOOT & POWER LEAD OF THE HEATER ELEMENT TO THE BOTTOM PLATTE & TOP POWER LEAD.
- 3. REMOVE THE BLADE CLAMP SCREWS (G) AND MOVE THE HEATER ELEMENT UP THROUGH THE MAIN CASTING.
- 4. REMOVE SPRING (E) & BUSHING (F) FROM THE TOP OF THE HEATER ELEMENT.
- 5. INSTALL THE NEW HEATER ELEMENT AND REVERSE THE ABOVE PROCEDURE.

# NOTE: THE BLADE CLAMP MUST BE INSTALLED SO THAT IT RESTS NO MORE THAN 1/16" ABOVE BUSHING 1706740 TO ALLOW FOR THE EXPANSION AS THE ELEMENT HEATS.



#### **ORDERING PARTS FROM DISTRIBUTOR:**

PLEASE HAVE THE INFORMATION ON THE HOT NOTCHER IDENTIFICATION TAG AVAILABLE WHEN CALLING YOUR WOLF TOOL DISTRIBUTOR. THE VOLTAGE, COLOR & SIZE (8" OR 12") WILL BE NEEDED FOR PART ORDERING.



## HOT NOTCHER PARTS LISTING

| <u>REF.</u> | <u>NO.</u> | PART NO          | DESCRIPTION                            | QTY. |
|-------------|------------|------------------|--|------|
|             | 1          | 1706600          | HOT NOTCHER HOUSING – 8"               | 1    |
|             |            | 1707030          | HOT NOTCHER HOUSING – 12"              | 1    |
|             | 2          | 1386060          | HANDLE                                 | 1    |
|             | 3          | 1706700          | TRANSFORMER – 110 VOLT FOR 8" MODEL    | 1    |
|             |            | 1706710          | TRANSFORMER - 220 VOLT FOR 8" MODEL    | 1    |
|             |            | 170670 <b>0</b>  | TRANSFORMER – 110 VOLT FOR 12" MODEL   | 1    |
|             |            | 1706710          | TRANSFORMER – 220 VOLT FOR 12" MODEL   | 1    |
|             | 4          | 9900163          | TRANSFORMER MOUNTING SCREWS            | 2    |
|             | 5          | 9901955          | STAR WASHERS                           | 3    |
|             | 6          | 1707300          | SWITCH – 110 VOLT                      | 1    |
|             |            | 1707300          | SWITCH – 220 VOLT                      | 1    |
|             | 7          | 9900095          | SWITCH MOUNTING SCREWS                 | 2    |
|             | 8          | 1706 <b>8</b> 30 | DIAL PLATE                             | 1    |
|             | 9          | 9900125          | DIAL PLATE MOUNTING SCREWS             | 6    |
|             | 10         | 1706860          | INDICATOR LIGHT – 110 VOLT             | 1    |
|             |            | 1706 <b>890</b>  | INDICATOR LIGHT – 220 VOLT             | 1    |
|             | 11         | 1707170          | DIAL KNOB/SET SCREW                    | 1    |
|             | 12         | 1706790          | DEPTH GUARD – 8"                       | 2    |
|             |            | 1707060          | DEPTH GUARD – 12"                      | 2    |
|             | 41         | 9900119          | DEPTH GUARD SCREWS                     | 4    |
|             | 13         | 1706780          | HEATER ELEMENT – 8"                    | 1    |
|             |            | 1707050          | HEATER ELEMENT – 12"                   | 1    |
|             | 14         | 9901 <b>984</b>  | WASHER                                 | 1    |
|             | 15         | 9901277          | HEATER ELEMENT FOOT MOUNTING SCREWS    | 3    |
|             | 16         | 1706750          | STAND OFF                              | 1    |
|             | 17         | 1705500          | STAND OFF TEFLON MOUNTING SCREWS 10-32 | 2    |
| ]           | 18         | 4548693          | NYLON WASHER                           | 2    |
| ]           | 19         | 1706740          | TEFLON BUSHING                         | 1    |
|             | 20         | 1706820          | SPRING                                 | 1    |
|             | 21         | 1706810          | HEATER ELEMENT CLAMP – MOUNTING HALF   | 1    |
|             | 22         | 1706800          | HEATER ELEMENT CLAMP – CLAMPING HALF   | 1    |
|             | 23         | 4727700          | FINGER GUARD                           | 1    |
| 1           | N/S        | 9901149          | CLAMP MOUNTING SCREW                   | 1    |
|             | 24         | 1707080          | COVER PLATE – DOMESTIC                 | 1    |
|             |            | 9900121          | COVER PLATE MOUNTING SCREWS            | 4    |
| 2           | 26         | 1105100          | MALE PLUG –110 VOLT DOMESTIC           | 1    |
|             |            | 1105200          | MALE PLUG – 220 VOLT DOMESTIC          | 1    |
|             |            | 9900098          | PLUG MOUNTING SCREWS                   | 3    |
| 2           | 28         | 1105100          | FEMALE PLUG –110 VOLT DOMESTIC         | 1    |
|             |            | 1105200          | FEMALE PLUG – 220 VOLT DOMESTIC        | 1    |

| N/S | 9900161 | GROUNDING WIRE MOUNTING SCREWS | 2 |
|-----|---------|--------------------------------|---|
| N/S | 9901955 | GROUNDING WIRE MOUNTING WASHER | 3 |
|     | 1706707 | SPACER                         | 2 |
|     | 1706706 | TRANSFORMER BRACKET            | 2 |
|     | 1706705 | SCREWS FOR TRANSFORMER BRACKET | 4 |

### EUROPEAN ELECRICAL CONNECTOR PARTS LISTING

| 29 | 1707190 | COVER PLATE                              | 1      |
|----|---------|--|--------|
| 30 | 9900121 | COVER PLATE MOUNTING SCREWS              | 4      |
| 31 | 1046200 | STAIN RELIEF                             | 1      |
| 32 | 1117293 | LINE WIRE (SPECIFY LENGTH IN FT WHEN ORD | ERING) |

### FOREIGN MALE PLUG PARTS LIST

| 33 | 1707110 | CONNECTOR PLATE                  | 1 | l |
|----|---------|----------------------------------|---|---|
| 34 | 1707120 | CONNECTOR BOX                    | 1 | 1 |
| 35 | 9900117 | CONNECTOR MOUNTING SCREWS        | 4 | 1 |
| 36 | 1044460 | CONNECTOR BLOCK                  | ] | L |
| 37 | 1043200 | CONNECTOR PINS                   |   | 2 |
| 38 | 9900963 | BRASS SCREWS                     | 2 | 2 |
| 39 | 1101950 | FEMALE PLUG – 1 PHASE 110V –220V | ] | l |
| 40 | 9901596 | CONNECTOR BOX CREWS              |   | 3 |
|    |         |                                  |   |   |