

# OPERATOR'S MANUAL

INCLUDING: OPERATION, INSTRUCTION, INSTALLATION, MAINTENANCE AND PARTSBOOK

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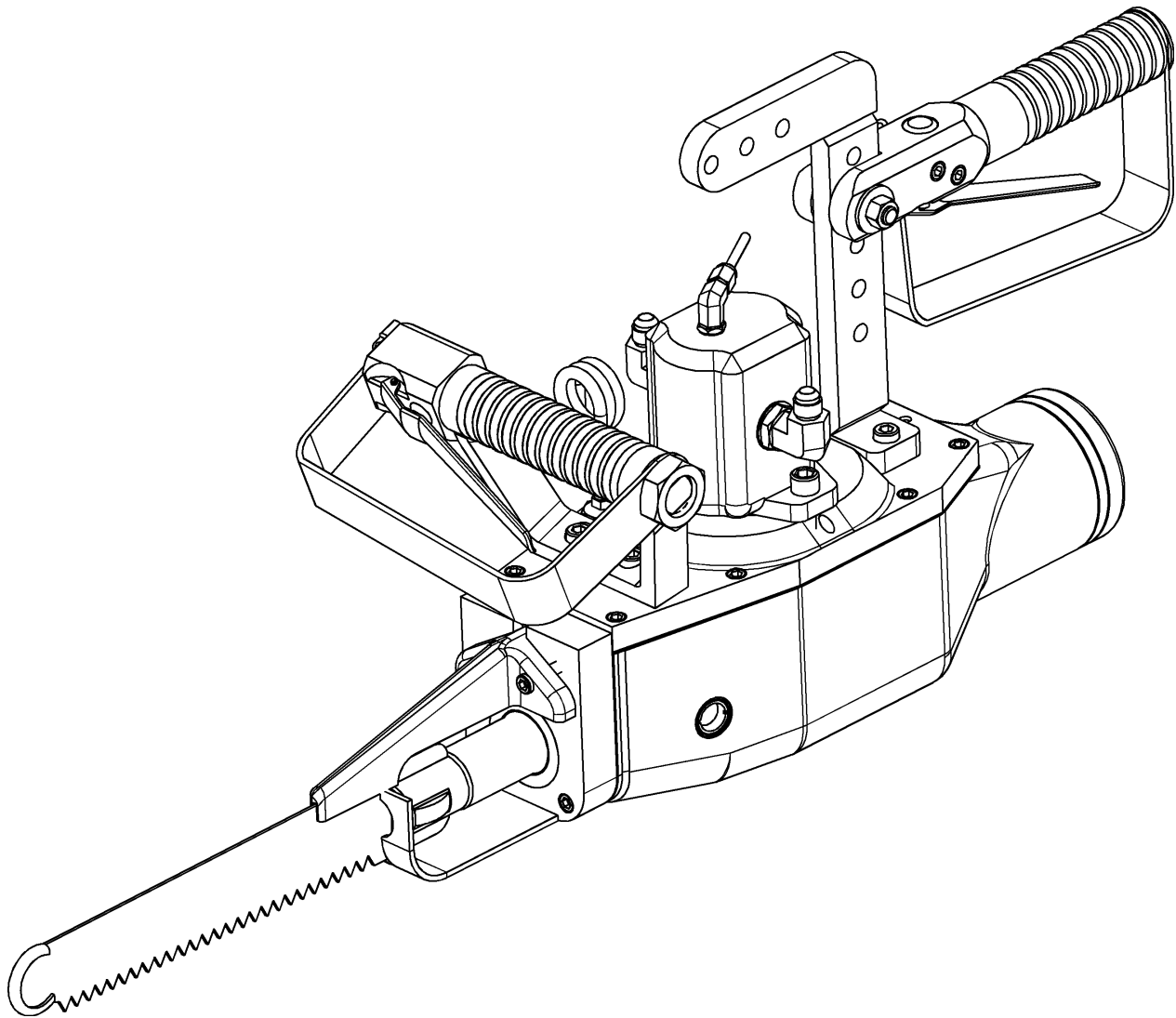
**IMPORTANT: READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS TOOL.**

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## HYDRAULIC BEEF BRISKET SAW "HBB-II"

### TOOL DATA

MODEL: HBB-II  
ASSEMBLY NO. 6551000  
TYPE: AIR/HYDRAULIC OPERATED  
NET WEIGHT: 41 LBS (19 KG)  
HYDRAULIC PRESSURE: 1500 P.S.I. MAXIMUM  
INLET AIR PRESSURE: 90 P.S.I. (6-7 BARS)



VIBRATION: MORE THAN (>) 2.5 m/s<sup>2</sup>  
SEE APPENDIX "A" FOR TEST RESULTS

**KENTMASTER MFG. CO., INC.** 1801 SOUTH MOUNTAIN AVE., MONROVIA, CALIFORNIA 91016 UNITED STATES OF AMERICA  
☎ TELEPHONE: (626) 359-8888 FAX: (626) 303-5151

 **WARNING**

= Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

 **CAUTION**

= Hazards or unsafe practices which could result in minor personal injury, product or property damage.

 **NOTICE**

= Important installation, operation or maintenance information.

## **OPERATING AND SAFETY INSTRUCTIONS**

 **WARNING**

DO NOT OPERATE THIS TOOL UNTIL YOU HAVE READ AND UNDERSTOOD THE SAFETY INSTRUCTIONS AND OPERATING MANUALS.

 **WARNING**

DO NOT OPERATE THIS TOOL UNTIL YOU HAVE RECEIVED TRAINING IN THE HANDLING, OPERATION AND USE OF THIS TOOL.

 **WARNING**

STOP USING A MALFUNCTIONING OR DEFECTIVE TOOL IMMEDIATELY. REPORT ANY PROBLEMS OR DEFECTS TO YOUR SUPERVISOR FOR REMOVAL OF THE TOOL FROM SERVICE.

 **WARNING**

DO NOT ATTEMPT TO REPAIR THE TOOL YOURSELF.

 **WARNING**

DO NOT ALLOW UNAUTHORIZED PERSONS TO USE TOOL.

 **WARNING**

REMOVE AND DISCONNECT POWER FROM THE TOOL WHEN TOOL IS LEFT UNATTENDED OR IS NOT IN USE.

 **WARNING**

NEVER TIE DOWN, BYPASS, ALTER OR MODIFY THE ACTIVATING SWITCHES OR TRIGGERS OF THIS TOOL.

 **WARNING**

NEVER MAKE ALTERATIONS OR MODIFICATIONS TO THIS TOOL.

 **WARNING**

BE CONSTANTLY AWARE AND ALERT FOR UNSAFE CONDITIONS AND REPORT THEM IMMEDIATELY TO YOUR SUPERVISOR.

 **WARNING**

NEVER PLACE YOUR HAND OR ANY PART OF YOUR BODY IN THE CUTTING PATH OF THE TOOL.

 **WARNING**

NEVER ALLOW ANYONE ELSE TO PLACE THEIR HANDS OR ANY PART OF THEIR BODY IN THE CUTTING PATH OF THE TOOL.

 **WARNING**

DO NOT ACTIVATE CONTROL SWITCHES OR TRIGGERS OF THIS TOOL UNLESS YOU INTEND TO TEST OR OPERATE THIS TOOL.

 **WARNING**

DO NOT USE THIS TOOL FOR ANY PURPOSE OTHER THAN IT'S INTENDED PURPOSE.

 **CAUTION**

WHEN OPERATING THIS TOOL WEAR THE PROTECTIVE GEAR AND SAFETY EQUIPMENT SUPPLIED TO YOU.

 **WARNING**

THE NOISE EMISSION (SOUND PRESSURE LEVEL) AT THE WORKSTATION MAY EXCEED 80 dB (A). EAR AND SOUND PROTECTION GEAR IS REQUIRED.

## OPERATING INSTRUCTIONS

**⚠ WARNING** ONLY TRAINED PERSONNEL ARE TO OPERATE THIS TOOL.

1. TO ENSURE TOOL IS OPERATING PROPERLY, PERFORM FOLLOWING STEPS AT START OF EACH SHIFT:
  - MAKE SURE TOOL MOVES UP AND DOWN FREELY WHILE HANGING FROM BALANCER OVERHEAD.
  - WITH POWER TO TOOL TURNED ON, TEST TRIGGER FOR PROPER OPERATION.
  - DEPRESS EACH TRIGGER SEPARATELY. TOOL SHOULD NOT ACTIVATE. DEPRESS BOTH TRIGGERS. TOOL SHOULD ACTIVATE.
  - IF TOOL HAS "ANTI-TIE DOWN" OPTION, BOTH TRIGGERS MUST BE DEPRESSED SIMULTANEOUSLY FOR TOOL TO ACTIVATE.
2. TO PERFORM WORK, HOLD TOOL FIRMLY AT BOTH HANDLES. SQUEEZE TRIGGERS TO ACTIVATE TOOL.
3. POSITION TOOL AND PERFORM CUTTING OPERATION.

## MAINTENANCE

**⚠ WARNING** ONLY TRAINED AND QUALIFIED PERSONNEL ARE TO PERFORM MAINTENANCE AND SERVICE TO THIS TOOL.

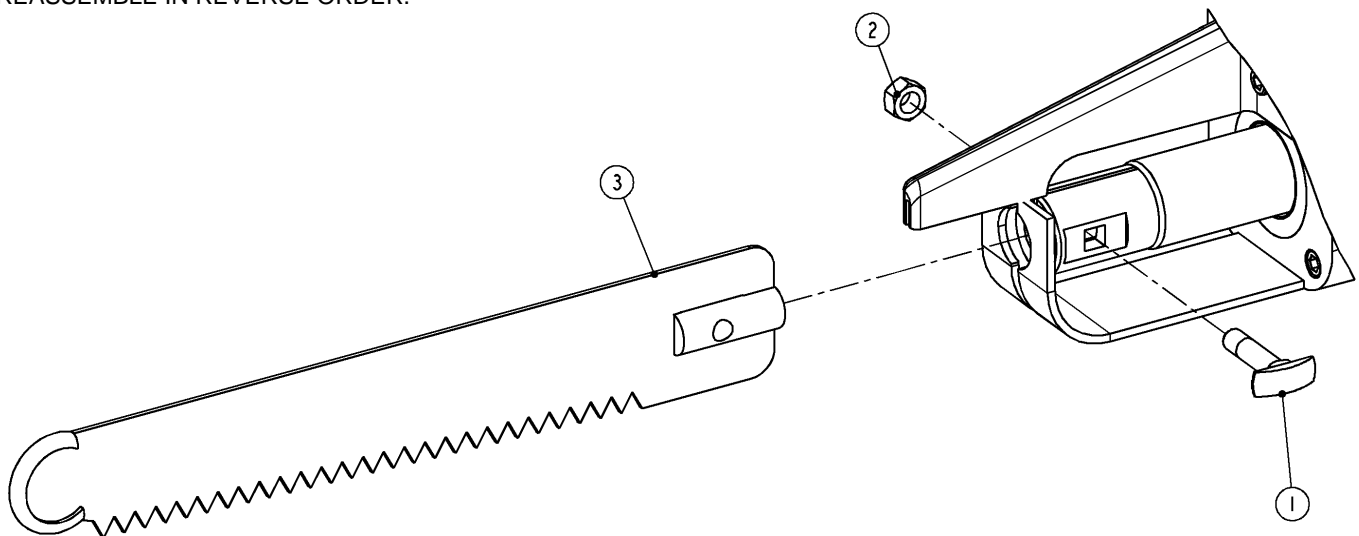
1. MAKE ALL NECESSARY LINE CONNECTIONS TO THE TOOL.
2. AN AIR FILTER-REGULATOR-LUBRICATOR (PART NO. 7200030) MUST BE INSTALLED IN AIR SUPPLY FOR EACH TOOL.
3. FILL LUBRICATOR WITH KENTMASTER AIR MIST OIL (PART NO. 7903050). SET DRIP RATE ACCORDING TO INSTRUCTIONS SUPPLIED. TURN ADJUSTMENT ON SIGHT FEED DOME TO INCREASE/DECREASE OIL DELIVERY. MONITOR THE DEVICE BEING LUBRICATED AND READJUST IF NEEDED.
4. TOOL REQUIRES 90 P.S.I. AIR PRESSURE.

## BLADE REMOVAL AND CLEANING.

**⚠ WARNING** ALWAYS DISCONNECT POWER SUPPLY FROM TOOL BEFORE INSTALLING OR REMOVING BLADE FROM TOOL.

**⚠ WARNING** ALWAYS WEAR WIRE MESH GLOVES WHEN INSTALLING OR REMOVING BLADE FROM TOOL.

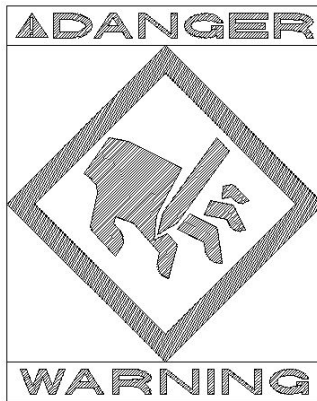
1. REMOVE NUT AND BOLT (ITEM NO. 1 AND 2, FIG. NO. 1).
2. REMOVE BLADE (ITEM NO. 3, FIG. NO. 1).
3. CLEAN ALL PARTS REMOVED WITH SOAP AND WATER.
4. SHARPEN OR REPLACE BLADES WHEN NECESSARY.
5. REASSEMBLE IN REVERSE ORDER.



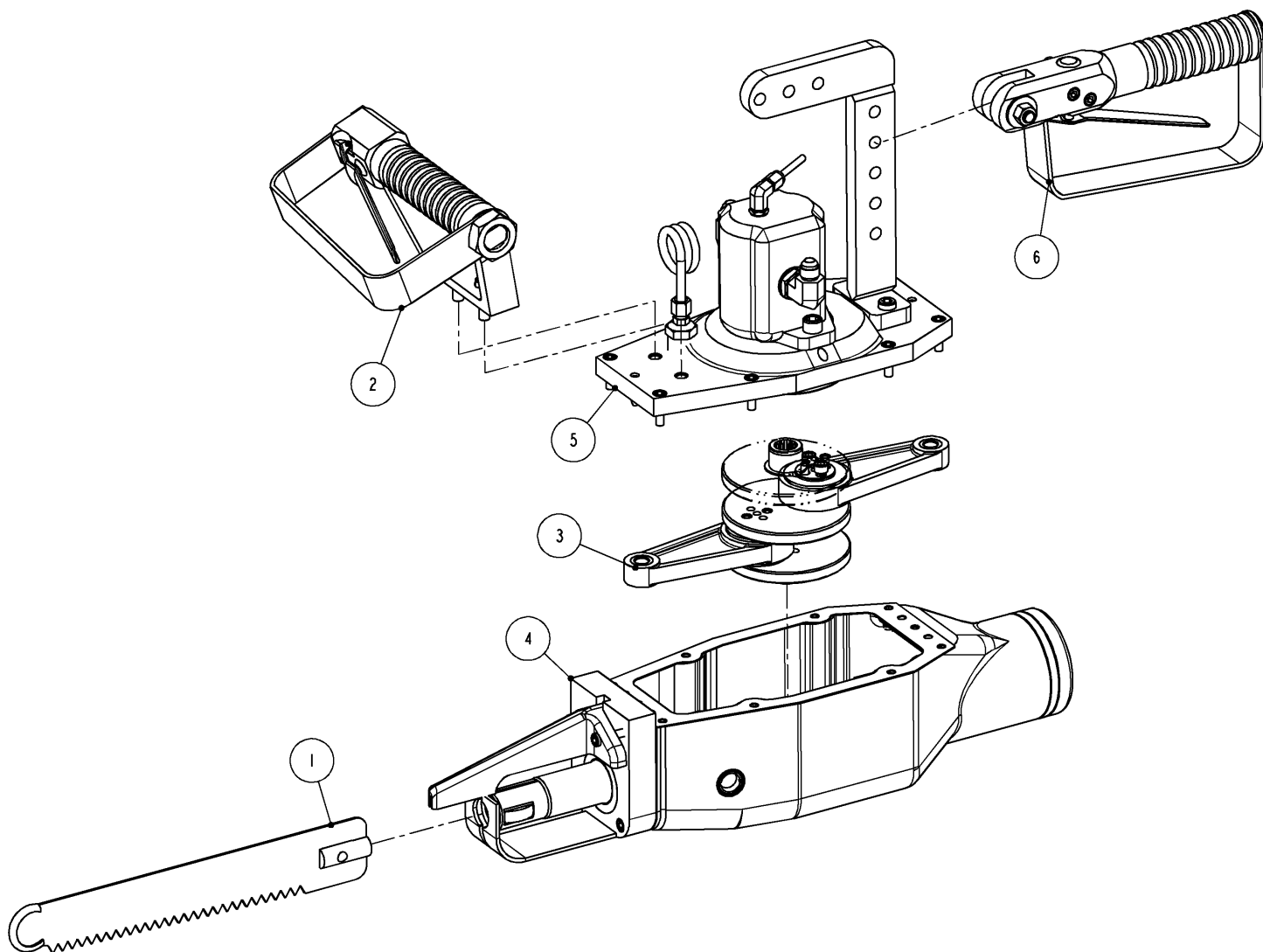
**Figure 1 MODEL HBB-II – BLADE REPLACEMENT**

## SERVICE

1. KEEP GOOD RECORDS OF ALL SERVICE ACTIVITY AND INCLUDE TOOL IN PREVENTIVE MAINTENANCE PROGRAM.
2. USE ONLY GENUINE KENTMASTER REPLACEMENT PARTS TO ASSURE PROPER PERFORMANCE OF TOOL.
3. CONTACT THE KENTMASTER SUPPLIER NEAREST YOU FOR PARTS AND CUSTOMER SERVICE INFORMATION.



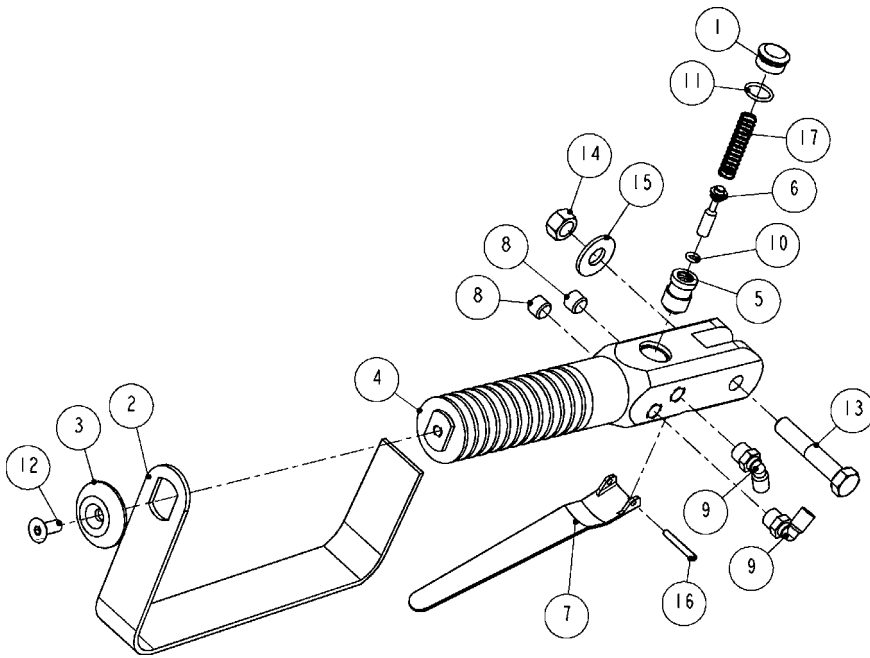
## PARTS BOOK



**Figure 2 MODEL "HBB-II" – MAIN ASSEMBLY**

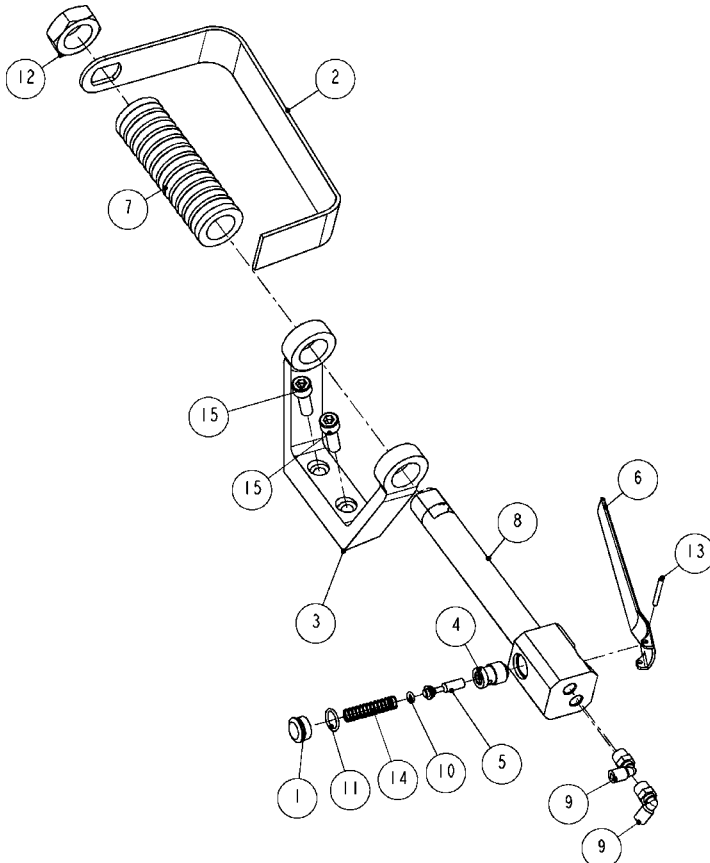
<b>6551000: HBB-II, BEEF BRISKET SAW, HYDRAULIC</b>			
ITEM	PART #	DESCRIPTION	QTY
1	4100220	BLADE, 12.0" LONG, 3 TPI	1
	4100221	BLADE, 10.5" LONG, 3 TPI	1
	4100222	BLADE, 12.0" LONG, 4 TPI	1
2	6551340	AIR HANDLE, FRONT	1
3	6552010	DRIVE LINK	1
4	6552020	HOUSING ASSEMBLY	1
5	6552040	DRIVE ASSEMBLY, HYDRAULIC	1
6	6600530	AIR HANDLE, REAR	1

**Figure 3 BOM FOR MODEL "HBB-II"**



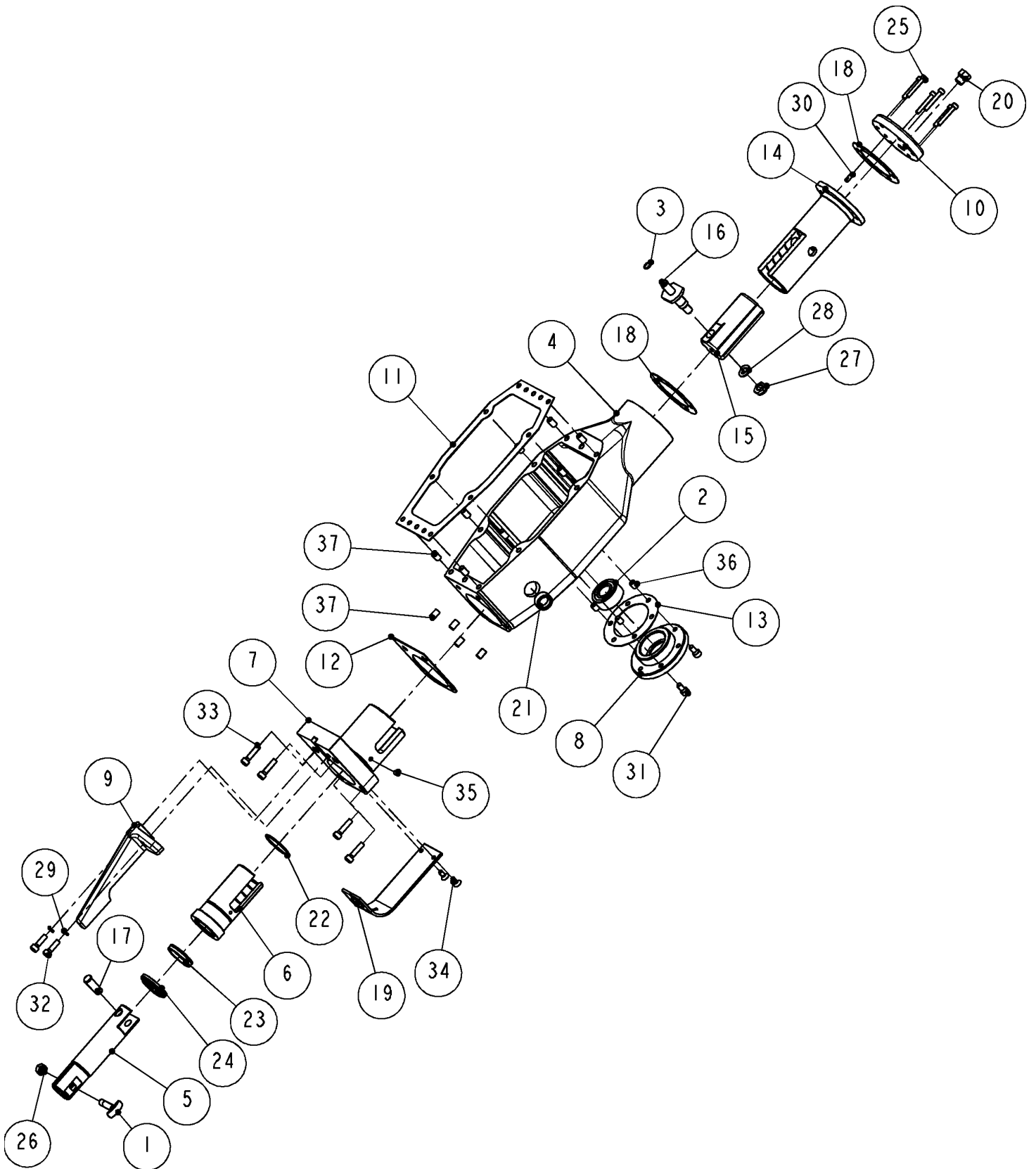
6600530: AIR HANDLE, REAR			
ITEM	PART #	DESCRIPTION	QTY
1	6300770	VALVE PLUG	1
2	6541690	GUARD	1
3	6541720	RETAINER	1
4	6600340	HANDLE	1
5	6600350	BUSHING	1
6	6600360	VALVE STEM	1
7	6600500	LEVER	1
8	7000010	PLUG	2
9	7036510	ELBOW	2
10	7680080	O-RING	1
11	7680140	O-RING	1
12	8241050	SCREW	1
13	8415160	SCREW	1
14	8500150	NUT	1
15	8505160	WASHER	1
16	8620080	PIN	1
17	8890010	SPRING	1

**Figure 4 6600530: AIR HANDLE, REAR**



6551340: AIR HANDLE, FRONT			
ITEM	PART #	DESCRIPTION	QTY
1	6300770	VALVE PLUG	1
2	6541690	GUARD	1
3	6551270	BRACKET	1
4	6600350	BUSHING	1
5	6600360	VALVE STEM	1
6	6600500	LEVER	1
7	6620350	SLEEVE	1
8	6620390	HANDLE	1
9	7036510	ELBOW	2
10	7680080	O-RING	1
11	7680140	O-RING	1
12	8500580	NUT	1
13	8620080	PIN	1
14	8890010	SPRING	1
15	9213080	SCREW	2

**Figure 5 6551340: AIR HANDLE, FRONT**

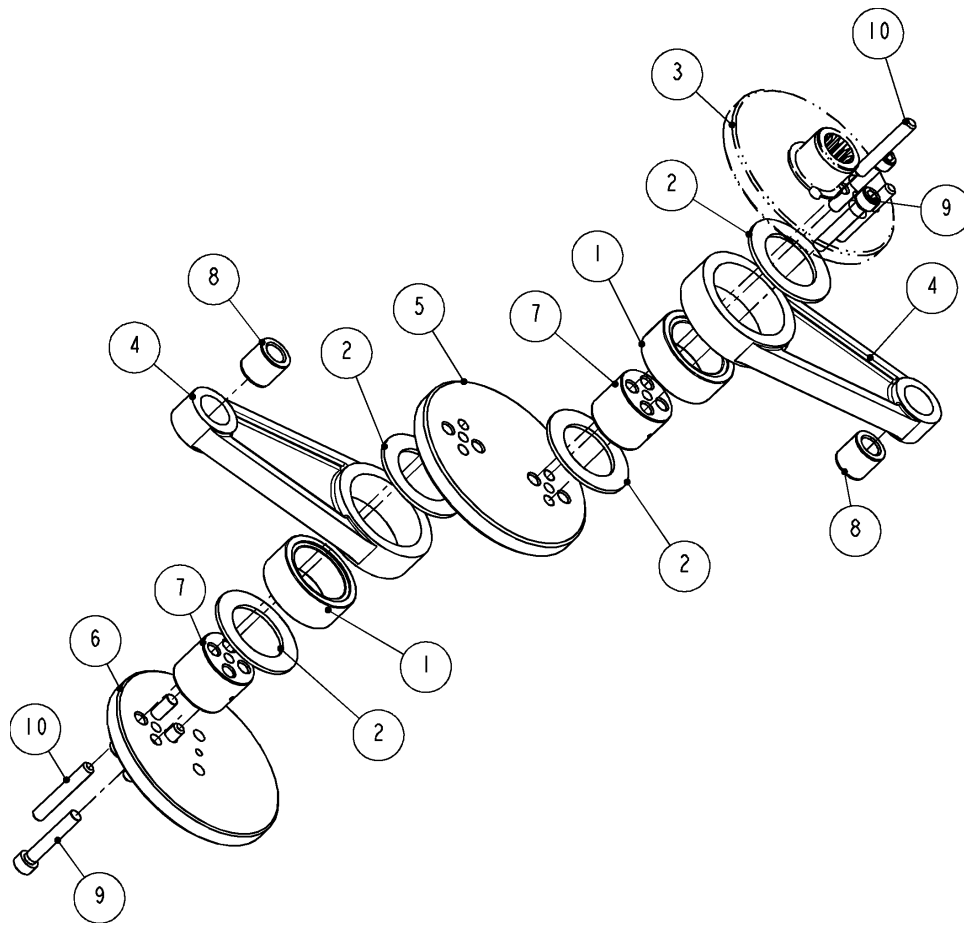


**Figure 6 6552020: HOUSING ASSEMBLY**

<b>6552020: HOUSING ASSEMBLY</b>			
<b>ITEM</b>	<b>PART #</b>	<b>DESCRIPTION</b>	<b>QTY</b>
1	1052640	STEP BOLT	1
2	3520030	BEARING	1
3	5100390	RETAINING RING	1
4	6551100	HOUSING	1
5	6551150	SHAFT	1
6	6551160	BUSHING	1
7	6551170	BEARING HOUSING	1
8	6551180	FLANGE	1
9	6551210	GUIDE	1
10	6551220	FLANGE	1
11	6551230	GASKET	1
12	6551240	GASKET	1
13	6551250	GASKET	1
14	6551290	BUSHING	1
15	6551300	SHAFT	1
16	6551310	PIN	1
17	6551320	PIN	1
18	6551330	GASKET	2
19	6551400	GUIDE	1
20	7000210	PLUG	1
21	7240710	WINDOW	1
22	7680290	O-RING	1
23	7711140	SEAL	1
24	7711150	ROD WIPER	1
25	8210100	SCREW	6
26	8500130	NUT	1
27	8504870	NUT	1
28	8506160	WASHER	1
29	8506600	WASHER	2
30	8620250	PIN	1
31	9211040	SCREW	3
32	9211060	SCREW	2
33	9211080	SCREW	4
34	9239040	SCREW	2
35	9333000	SET SCREW	2
36	9803060	INSERT	3
37	9803150	INSERT	12

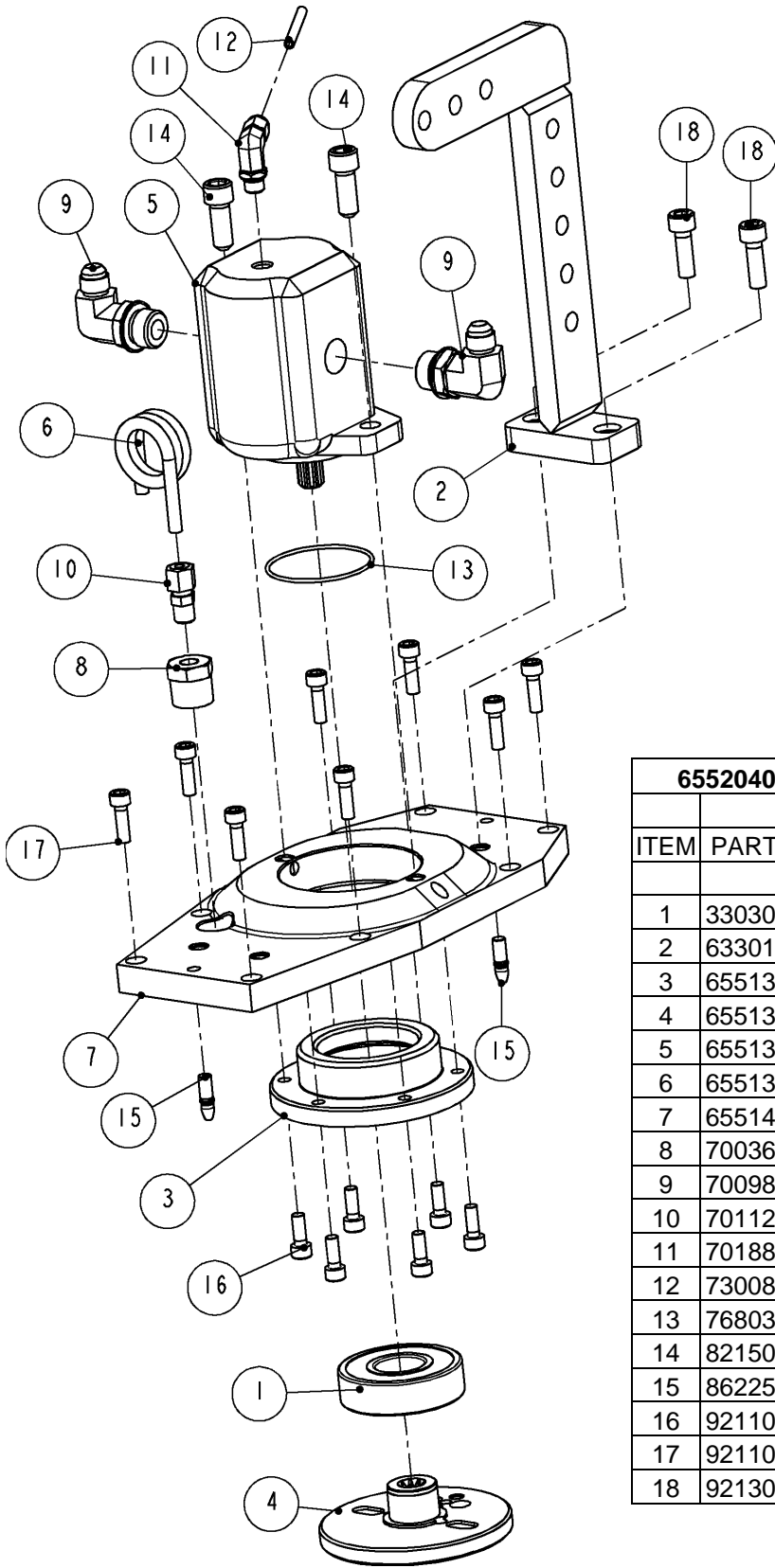
**Figure 7 BOM FOR 6552020: HOUSING ASSEMBLY**





6552010: DRIVE LINK			
ITEM	PART #	DESCRIPTION	QTY
1	3705550	BEARING	2
2	3705590	WASHER	4
3	6330110	FLANGE	-
4	6551110	LINK	2
5	6551120	MIDDLE ECCENTRIC	1
6	6551130	FLANGE	1
7	6551200	JORNAL	2
8	6551440	BEARING	2
9	9211111	SCREW	4
10	9620520	PIN	4

**Figure 8 6552010: DRIVE LINK**

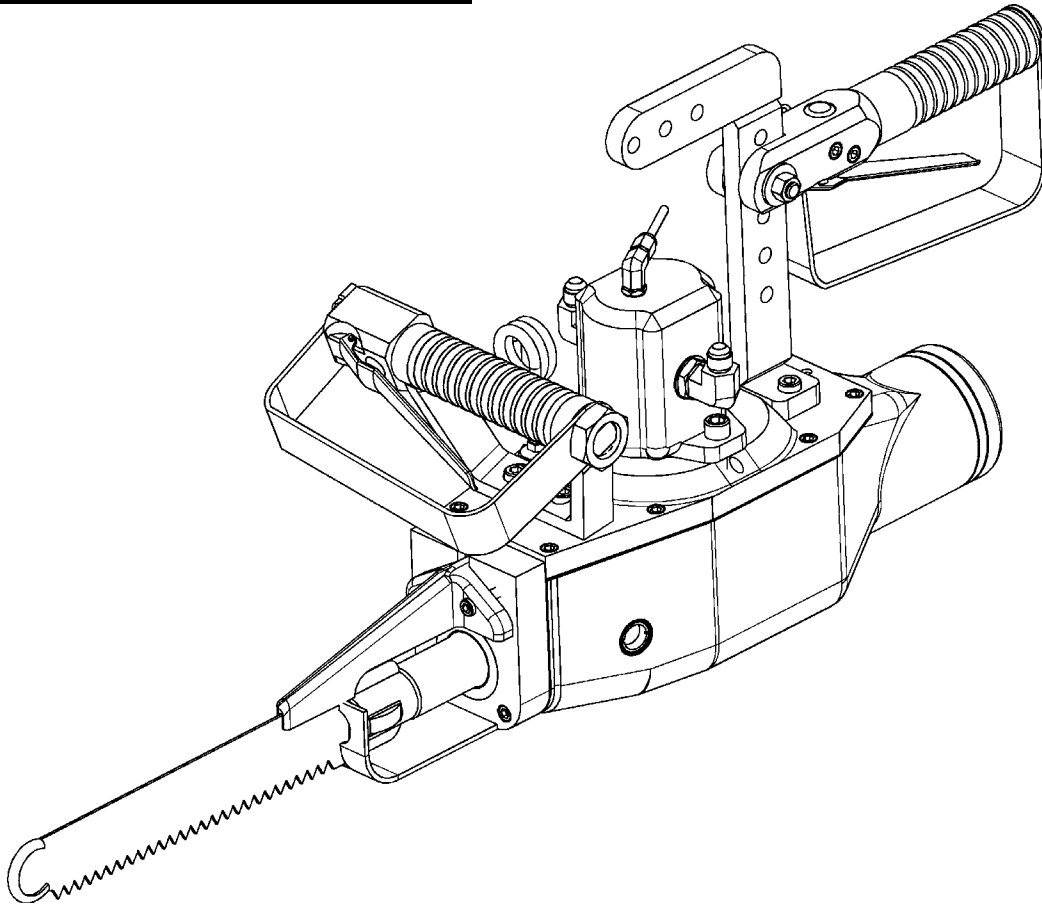


6552040: DRIVE ASSEMBLY, HYDRAULIC			
ITEM	PART #	DESCRIPTION	QTY
1	3303050	BEARING	1
2	6330140	HANGER	1
3	6551360	FLANGE, MOTOR	1
4	6551370	FLANGE, ECCENTRIC, TOP	1
5	6551380	HYDRAULIC MOTOR	1
6	6551390	TUBE	1
7	6551410	COVER, HOUSING	1
8	7003680	BUSHING	1
9	7009850	ELBOW	2
10	7011230	CONNECTOR	1
11	7018820	ELBOW	1
12	7300880	TUBE	1
13	7680330	O-RING	1
14	8215080	SCREW	2
15	8622500	DOWEL PIN	2
16	9211050	SCREW	6
17	9211060	SCREW	8
18	9213080	SCREW	2

**Figure 9 6552040: DRIVE ASSEMBLY, HYDRAULIC**

[ENGLISH]

## GENERAL INFORMATION



### MODELS

## **“HBB-II” HYDRAULIC BEEF BRISKET SAW**

### SERVICE CENTERS

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UNITED KINGDOM

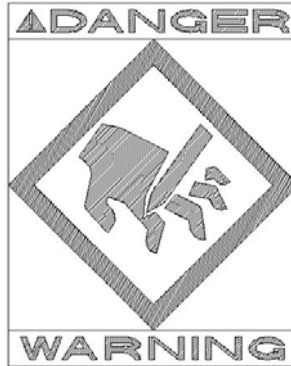
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☎ TELEPHONE: (626) 359-8888  
FAX: (626) 303-5151

**NOTICE TO EMPLOYER AND PURCHASER OF TOOL**  
**NOTICE TO SAFETY DIRECTOR**

**You have purchased a powerful tool that, if misused, can cause severe injury and harm to your employees. You must instruct your employees in the safe and proper use of this tool and to follow the safety procedures and instructions that have been supplied by the manufacturer of this tool. Please follow the following instructions.**



1. Instruct tool operators to test the tool each day before using it to be sure it does not malfunction. Remove and repair any tool that malfunctions.
2. Instruct tool operators to immediately stop using a tool that malfunctions or is defective.
3. Instruct personnel to immediately remove all tools that malfunction. Be sure to disconnect tool from power supply.
4. Instruct all personnel to stay clear of tool, and not to stand or walk in front of, or next to tool when in use.
5. Point out to all personnel the dangers related to the misuse of tool and the importance of following safety procedures and instructions.
6. Do not make, or allow others to make, alterations or modifications to this tool. Replace all lost or illegible labels.
7. Follow all safety, installation and maintenance instructions provided with this tool. Establish proper safety procedures in accordance with local and national requirements to prevent accidental energizing of tool that can cause injuries.
8. If this tool is sold or change in ownership takes place, you must provide the new owner all safety instructions, notices and maintenance instructions you were originally provided. You can obtain additional copies of the instructions from Kentmaster, free of charge upon request.
9. Give copies of instructions to: **(A) Tool Operators**  
**(B) Maintenance Supervisor**  
**(C) Clean-up Supervisor**


## GENERAL INFORMATION


COVERING: SAFETY PRECAUTIONS AND PLACING INTO SERVICE  
**HYDRAULICLY POWERED BEEF BRISKET SAW**

**READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS TOOL**


IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PLACE THIS INFORMATION INTO THE HANDS OF THE OPERATOR.


### **PLACING INTO SERVICE**

 **WARNING** = Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

 **CAUTION** = Hazards or unsafe practices which could result in minor personal injury, product or property damage.

 **NOTICE** = Important installation, operation or maintenance information.

 **WARNING** Installation, adjustment repair and maintenance of this tool must be made by trained and qualified personnel.

 **WARNING** Always disconnect power supply from tool before:  
(A) Installing or removing blade from tool.  
(B) Making repairs or adjustments to the tool.  
(C) performing maintenance or cleanup work.

# DECLARATION OF CONFORMITY

## DECLARATION OF CONFORMITY

DECLARATION DE CONFORMITE -DECLARACION DE CONFORMIDAD- ERKLARUNG BEZUGLICH EINHALTUNG DER VORSCHRIFTEN  
DICHIARAZIONE DI CONFORMITA . CONFORMITEITSVERKLARING

### MANUFACTURED BY:

FABRIQUE PAR:  
FABRICADA POR:  
HERGESTELLTVON:  
FABBRICATO DA:  
VERVAARDIGD DOOR:

**KENTMASTER MFG CO., INC.**  
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**UNITED STATES OF AMERICA**  
**TELEPHONE (626) 359-8888 FAX (626) 303-5151**

### TYPE / SERIES: HYDRAULIC BEEF BRISKET SAW

TYPE / SERIE:  
TIPO / SERIE:  
TYP / SERIE:  
TIPO / SERIE:  
TYPE / SERIE:

### MODEL: HBB-II

MODELE:  
MODELO:  
MODELL:  
MODELLO:  
MODEL:

### SERIAL NO. RANGE: XXXXX

N SERIE: • GAMA DE No. DE SERIE: • SERIEN-NR.-BEREICH: • NUMERI DI SERIE: • SERIENUMMERS:

#### **This product complies with the following European Community Directives:**

Ce produit est conforme aux directives de la Communauté européenne suivantes:  
Este producto cumple con las siguientes Directrices de la Comunidad Europea:  
Dieses Produkt erfüllt die folgenden Vorschriften der Europäischen Gemeinschaft:  
Questo prodotto è conforme alle seguenti direttive CEE:  
Dit produkt voldoet aan de volgende EG-richtlijnen:

**89/392/EEC, 91/368/EEC, 93/44/EEC, 93/68/EEC**

#### **The following Standards were used to verify compliance with the Directives:**

Les normes suivantes ont été utilisées pour vérifier la conformité avec les Directives:  
Las siguientes Normas se usaron para verificar el cumplimiento de las Directrices:  
Folgende Normen wurden angewandt, um Erfüllung der Vorschriften zu bestätigen:  
Per verificare la conformità del prodotto alle direttive sono stati usati i seguenti standard:  
De volgende normen zijn gebruikt om naleving van de richtlijnen te bevestigen:

**EN 292**

Approved by: \_\_\_\_\_

RALPH KARUBIAN MONROVIA, CA. U.S.A

(Engineering Manager) (Directeur technique) (gerente de ingenieria) (verantwortlicher Konstruktionsleiter) (Responsabile tecnico) (ondersteunend technisch manager)

Date: AUG - 1 - 1995

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APPENDIX A:

HBB-2 Vibration Data:

Model	Measuring device	Average total vibration Aeq (m/s <sup>2</sup> )		Gain (dB)
		Rear Handle	Front Handle	
HBB-2	VHM-100	5.12	4.37	20/20/40

