

BG-325

**BERM GRINDER
MANUAL**



1. CHECKLIST

DEALERS'S FILE COPY

1.1 PRE-DELIVERY

After the berm grinder has been completely setup and attached to the host machine, inspect the following. Check off each item after the prescribed action is taken.

Check that:

- ◆ No parts of the unit have been damaged in shipment. Check for things such as dents and loose or missing parts; correct or replace components as required.
- ◆ All bolts and fasteners are in place and tightly secured.
- ◆ All decals are in place and securely attached.
- ◆ The serial number of your unit is recorded in the space provided on this page.
- ◆ Then, test run the unit while checking that all components are operating correctly.

I acknowledge that the procedures were performed on this unit as outlined above

DEALERSHIP NAME

DEALER REPRESENTATIVE'S NAME

DATE CHECKLIST FILLED OUT

SERIAL NUMBER

1.2 DELIVERY

The following checklist is an important reminder of the valuable information that **MUST** be passed on to the customer at the time the unit is delivered. Check off each item as you explain it to the customer.

- ◆ Explain and review the **SAFETY** procedures.
- ◆ Explain that regular cleaning and lubrication are required for proper operation and long life. .

I acknowledge that the above points were reviewed with me at the time of delivery.

CUSTOMER'S SIGNATURE

DATE DELIVERED

2. SAFETY

BEFORE YOU ATTEMPT TO OPERATE THIS EQUIPMENT, READ AND STUDY THE FOLLOWING SAFETY INFORMATION. IN ADDITION, MAKE SURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THIS EQUIPMENT IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.



The manufacturer always takes the operator and their safety into consideration when designing machinery. Guards are provided on exposed moving parts for the operator's protection, however, some areas cannot be guarded or shielded in order to assure proper operation. In addition, the operator's manual and decals on the machine itself warn you of further danger and should be read and observed closely.

The **SAFETY ALERT SYMBOL** above means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!** It stresses an attitude of "HEADS UP" for safety and can be found throughout this operators manual and on the unit itself.

REMEMBER: The careful operator is the best operator. Most accidents are caused by human error. Certain precautions must be observed to prevent the possibility of injury or damage.

Please read the rules listed below for safe operation **BEFORE** you operate this equipment.

Use of words **CAUTION**, **WARNING**, or **DANGER**, herein and on the machine itself, signal three degrees of hazard.

CAUTION is used for general reminders of good safety practices or to direct attention to unsafe practices.

WARNING is used to denote a specific potential hazard.

DANGER is used to denote the most serious specific potential hazard.

MANDATORY SAFETY PROCEDURE

While the berm grinder's host machine has a key in the ignition allow **NOBODY** outside of the cab within a 20 ft radius of the machine!

¡Mientras máquina del anfitrión de la muela de berm tiene una llave en la ignición permite **NADIE** fuera de la cabina dentro de un 20 radio de p de la máquina!

NO amount of safety features will compensate for a lack of common sense!

¡**NINGUNA** cantidad de características de seguridad compensará una falta de sentido común!

Work of any type on machinery is always more dangerous when the machine is operating.

BEFORE cleaning, lubricating, or servicing this unit, the following **MANDATORY SAFETY SHUTDOWN PROCEDURE** should **ALWAYS** be followed:

1. Move host machine's propulsion control to the neutral position and idle engine down.
2. Shut off berm grinder.
3. Position berm grinder so that it is completely resting on the ground or floor.
4. Engage the host machine's hand brake.
5. Move the host machine's throttle to the slow idle position, shut the Engine off and Remove the Ignition Key.
6. Relieve hydraulic pressure by moving the Hi-flow and cylinder control levers in both directions.

ONLY when you have taken these precautions can you be sure it is safe to proceed. Failure to follow the above procedures could lead to death or serious bodily injury!

BE SURE that all door(s), guard(s), and shield(s) are in their proper position(s) and securely attached **BEFORE** operating the berm grinder!

Read and observe **ALL** safety information and decals on the host machine and berm grinder **BEFORE** operating the unit! In addition, familiarize yourself with **ALL** of the safety devices and periodically check that they are functioning properly!

Refer to the **SAFETY** chapter of the host machine's operator manual and observe **ALL** safety requirements set forth in that manual!

BE SURE to raise the berm grinder clear of the ground **BEFORE** attempting to traverse it! sideways!

CAREFULLY inspect **ALL** hydraulic hoses and connections on a routine basis; **NEVER** use your hand, escaping fluid under pressure can cause serious injury!



BE SURE to exercise the **MANDATORY SAFETY SHUT DOWN PROCEDURE BEFORE** proceeding to do any work on the berm grinder!

BE SURE the berm grinder is properly placed in the “Service Position” and resting on the ground, **BEFORE** attempting to work on the drum.

BEFORE transporting the berm grinder, **BE SURE** to raise the unit completely clear of the ground and turn it off.

When replacing Pics, **BE SURE** to use only a soft or lead headed hammer, when inserting the pics into the holders.

ALWAYS wear safety glasses with side shields, when striking metal against metal! In addition, it is recommended that a softer (non-chipable) material be used to cushion the blow. Failure to heed could result in serious injury to the eye(s) or other part(s) of the body or **DEATH!**

ALWAYS wear proper clothing and covering when working with or on the berm grinder!

DO NOT attempt to move the berm grinder sideways while it is on the ground!

DO NOT attempt to work on the berm grinder or host machine with live hydraulics! **BE SURE** to relieve the hydraulic pressure, by shutting down the engine and moving all control levers to relieve hydraulic pressure **BEFORE** attempting to disconnect any hoses or **BEFORE** proceeding to remove the berm grinder from the host machine.

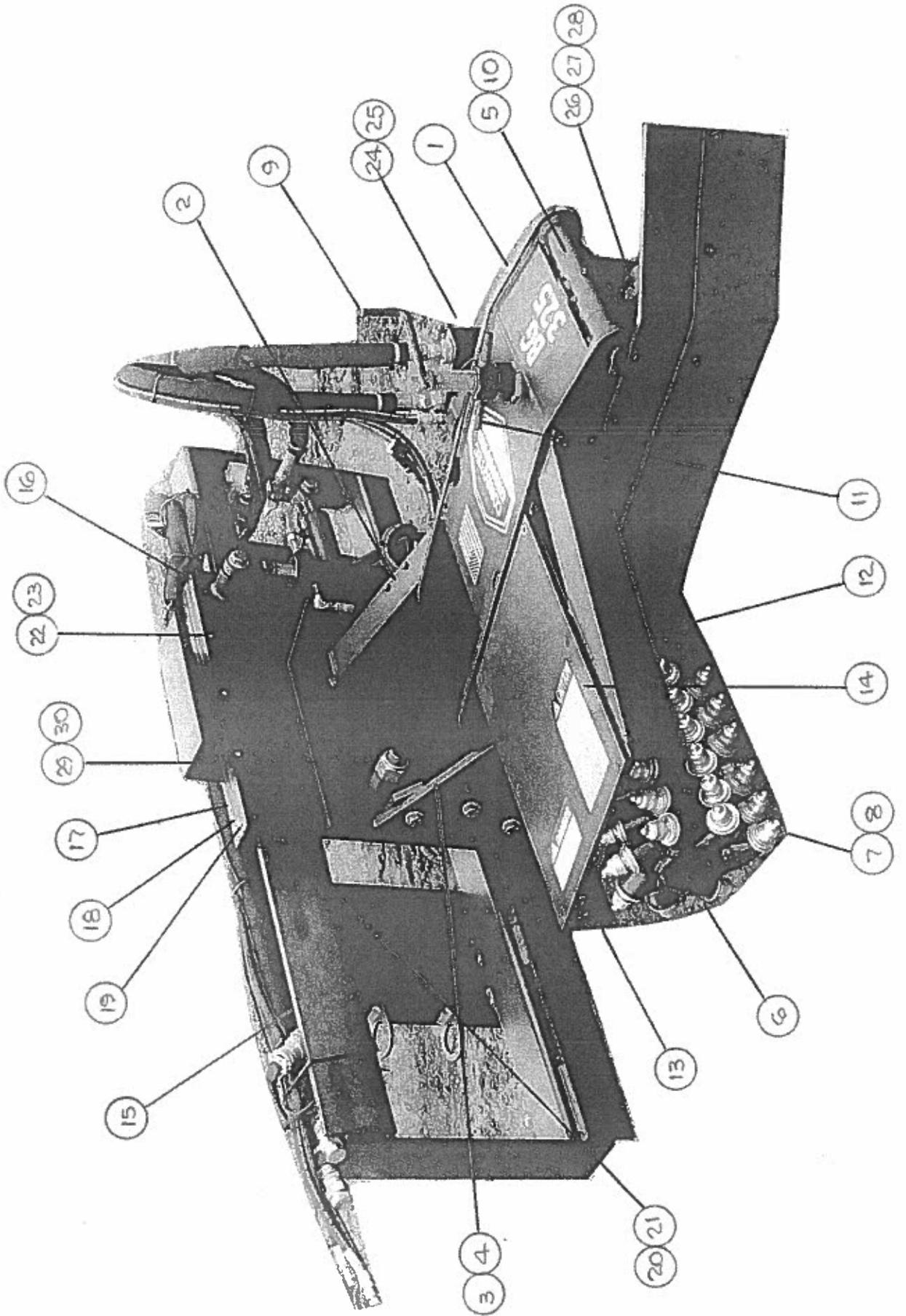
DO NOT treat the berm grinder like a bucket, it can be damaged by contact with solid objects, as well as upset the stability of the host machine!

DO NOT hit the pics with a steel hammer as this could cause steel chips to fly, causing injury to the eyes or face.

REMEMBER! It is the owner’s responsibility for communicating information on the safe use and proper operation and maintenance of this machine!

CAREFULLY inspect **ALL** hydraulic hoses and connections on a routine basis; **NEVER** use your hand - escaping fluid under pressure can cause serious injury!

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1	57620	1	HOUSING ASSEMBLY	
2	57640	1	CARRIAGE ARM	
3	57641	1	REMOVABLE ARM	
4	57642	1	PLATE INSERT	
5	57643	1	DEPTH ADJ BRACKET	
6	57633P	1	SHAFT / W PIC	
7	40028	(48)	PIC BLOCK	
8	10150	(48)	PIC	
9	57647	1	SCREW DEPTH ADJUST	
10	57650	1	PIN DEPTH ADJUST	
11	57660	1	LOCK NUT	
12	57652	1	FRONT BKT ASSEMBLY	
13	57653	1	DRUM GUARD BKT	
14	57657	1	DRUM COVER	
15	56722BG	1	CROSSLIDE ASSEMBLY	
16	57651W	1	SLIDE PLATE / W	
17	56927	2	CLAMP BAR	
18	56928	2	SPACER BAR	
19	56929	2	WEAR STRIP UNIVERSAL	
20	56930	1	WEAR STRIP LOWER	
21	56931	1	WEAR STRIP UPPER	
22	50A0818	7	BOLT ½" X 2 ¼" HCS	
23	50A0820	3	BOLT ½" X 2 ½" HCS	
24	57634	1	COLLAR STOP	
25	57635	1	BEARING RETAINER	
26	57661	2	WHEEL AND BEARING	
27	50A1646	2	BOLT 1" X 5 ¾" GD 8 HCS	
28	30C16	2	NUT 1" NYLOCK	
29	51A2028	1	BOLT 1 ¼" - 12 X 3 ½" GD 8 HCS	
30	31C20	1	NUT 1 ¼" - 12 NYLOCK	
31	80440	3	RED DANGER DECAL	
32	80041	1	PINCH WARNING DECAL	
33	80443	1	GENERAL CAUTION DECAL	
34	80454	1	LG WHITE CONEQTEC DECAL	
35	60127	1	BG 325 DECAL	
36	80496	1	AMERICAN FLAG	
37	40069	1	PIC WRENCH	NOT SHOWN