

INSTRUCTIONS FOR INSTALLING CRUMBER AND RESTRAINT BAR KITS ON 660, 760, 860, AND 960 TRENCHERS

PARTS LIST - COMMON PARTS FOR CRUMBER

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
1. 195-545	WASHER - flat, 3/4	6	6. 111-538	BOLT - 1/2 NC x 4	2
2. H673072	LINK - short	2	7. H274894	WASHER - flat, 1-5/64	2
3. H672721	LINK - long	2	8. 131-1153	NUT - lock, 1/2 NC	2
4. H673071	ARM - blade	1	9. H309450	PLATE	1
5. 132-312	PIN - cotter, 3/16	4	10. H438910	DECAL	1

PARTS LIST - KIT H939129, 1.2 m (4 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
11. H672169	BOOM - crumber	1	12. H438909	DECAL	2

PARTS LIST - KIT H939130, 1.5 m (5 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
13. H672170	BOOM - crumber	1	14. H438909	DECAL	2

PARTS LIST - KIT H939131, 1.8 m (6 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
15. H672171	BOOM - crumber	1	16. H438909	DECAL	2

PARTS LIST - KIT H939132, 2.1 m (7 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
17. H672172	BOOM - crumber	1	18. H438909	DECAL	2

PARTS LIST - KIT 443778A1, 1.2 m (4 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
19. H672169	BOOM - crumber	1	20. 428652A1	DECAL	2

PARTS LIST - KIT 443779A1, 1.5 m (5 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
21. H672170	BOOM - crumber	1	22. 428652A1	DECAL	2



PARTS LIST - KIT 443780A1, 1.8 m (6 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
23. H672171	BOOM - crumber	1	24. 428652A1	DECAL	2

PARTS LIST - KIT 443781A1, 2.1 m (7 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
25. H672172	BOOM - crumber	1	26. H428652A1	DECAL	2

PARTS LIST - COMMON PARTS FOR RESTRAINT BAR

REF. PART NO.	DESCRIPTION	QTY.	REF. PART NO.	DESCRIPTION	QTY.
27. 428652A1	DECAL	2	28. H438910	DECAL	1

PARTS LIST - KIT 443782A1, 1.2 m (4 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.
29. H434220	BAR - restraint	1

PARTS LIST - KIT 443783A1, 1.5 m (5 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.
30. H434221	BAR - restraint	1

PARTS LIST - KIT 443784A1, 1.8 m (6 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.
31. H434222	BAR - restraint	1

PARTS LIST - KIT 443785A1, 2.1 m (7 Foot) Boom

REF. PART NO.	DESCRIPTION	QTY.
32. H434223	BAR - restraint	1

GENERAL INFORMATION

The illustration for this instruction sheet is on the last page. Separate the pages so that you can see the illustration as you read the instructions.

The reference numbers and the letters on the illustration are the same as the reference numbers and letters in the instructions.

Special torque specifications are included in the instructions. If torque specifications are not included in the instructions, use standard torque specifications. See your Service Manual or Case Dealer if you need standard torque specifications.

NOTE: Kits H939129, H939130, and H939131 are for the 660, 760, and 860 Trenchers. Kit H939132 is for the 760 and 860 Trenchers. Kits 443778A1, 443779A1, 443780A1, 443781A1, 443782A1, 443783A1, 443784A1, and 443785A1 are for 960 Trenchers.

PREPARATION

1. Loosen the nuts (A) and bolts (B) that hold the existing guard (not shown) in between the mounting brackets (C).
2. Remove the existing guard (not shown) from the mounting brackets (C).

BOOM/BAR INSTALLATION

1. Install the boom (11, 13, 15, 17, 19, 21, 23, or 25) or restraint bar (29, 30, 31, or 32) in between the mounting brackets (C).
2. Tighten the nuts (A) on the bolts (B) that hold the boom or bar in between the mounting brackets (C).

CRUMBER INSTALLATION

1. Install a flat washer (1) on the pin of both a short link (2) and a long link (3).
2. Install the pins of the links (2 and 3) through the holes in the blade arm (4).
3. Install a flat washer (1) on the pin of each of the links (2 and 3) that are installed in the blade arm (4).
4. Install the pins on the other links (2 and 3) in the boom (11, 13, 15, 17, 19, 21, 23, or 25) as shown.
5. Install the blade arm (4) and links (2 and 3) on the boom (11, 13, 15, 17, 19, 21, 23, or 25) and the links (2 and 3) already installed in the boom.
6. Install the cotter pins (5) in the link pins.

CRUMBER BLADE INSTALLATION

NOTE: *The crumber blade (D) is not included in these kits.*

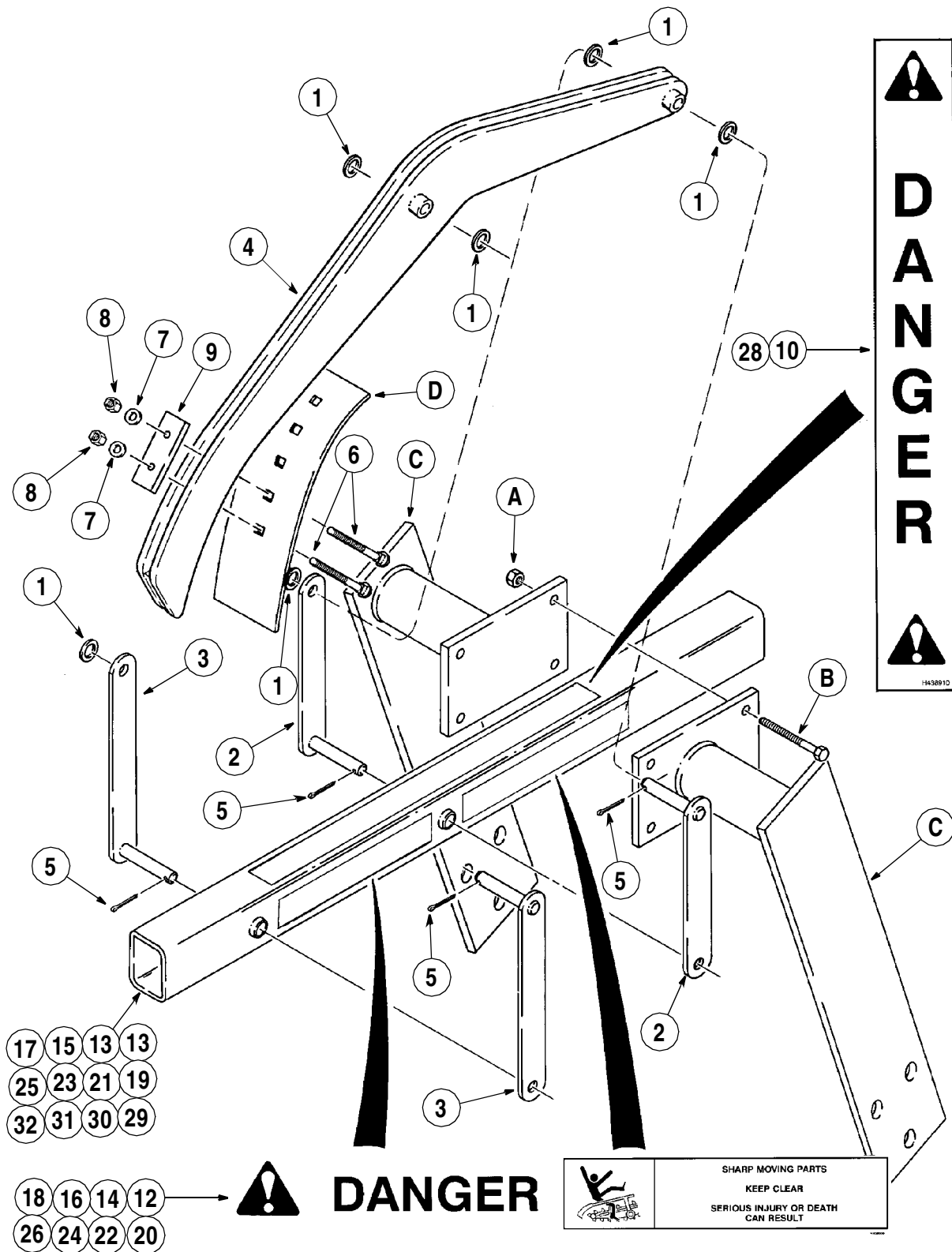
1. Put the crumber blade (D) and plate (9) in position on the blade arm (4) as shown.
2. Install the bolts (6), flat washers (7), and lock nuts (8) as shown.

DECAL INSTALLATION

1. Clean each side and top of the boom (11, 13, 15, 17, 19, 21, 23, or 25) and restraint bar (29, 30, 31, or 32) of all dirt, grease, and oil.
2. Install the decal (10) on the top of the boom (11, 13, 15, 17, 19, 21, 23, or 25) and restraint bar (29, 30, 31, or 32) as shown.
3. Cut both decals (12, 14, 16, 18, 20, 22, 24, 26, or 28) in half.
4. Install a complete decal (12, 14, 16, 18, 20, 22, 24, 26, or 28) on each side of the boom (11, 13, 15, 17, 19, 21, 23, or 25).

ADJUSTMENT

1. Lower the crumber are into position.
2. Loosen the nuts (A) and bolts (B).
3. Move the boom (11, 13, 15, 17, 19, 21, 23, or 25) until the crumber blade is 75 to 100 mm (3 to 4 inches) from the teeth on the digging chain.
4. Tighten the nuts (A).



A. Nut
B. Bolt

C. Mounting Bracket
D. Crumber Blade (Not Included)

BS02D004