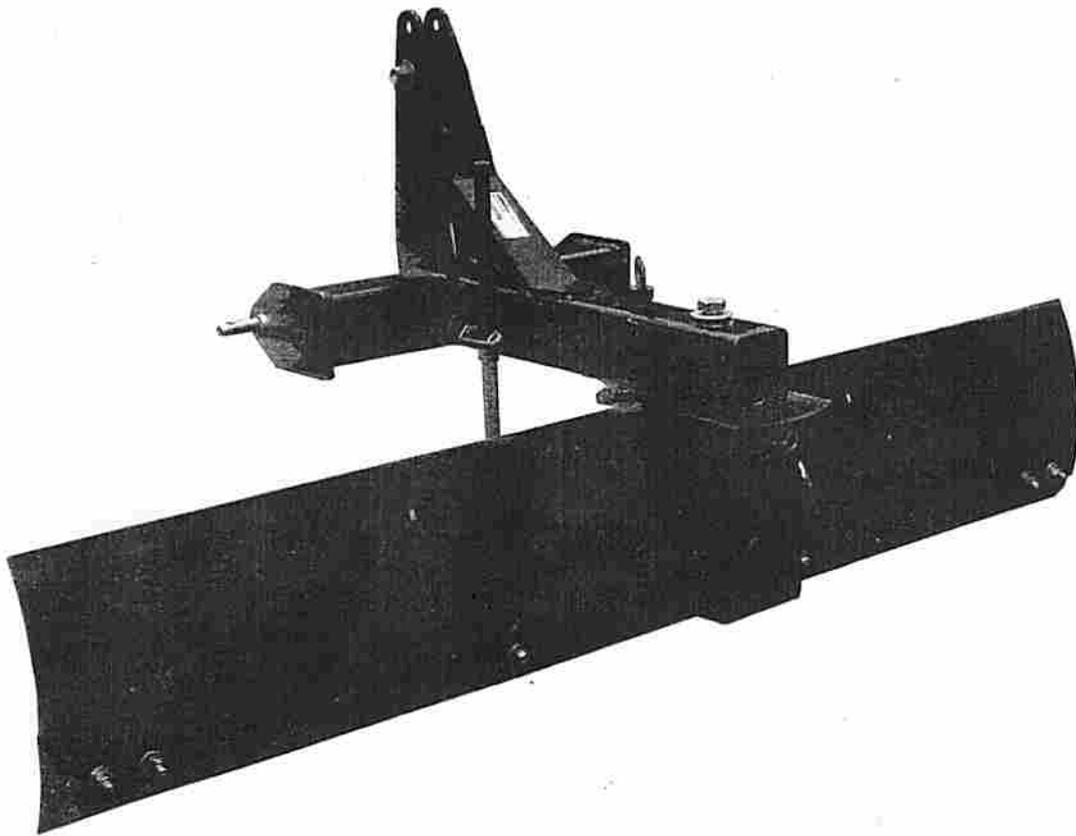


81

103768

HEAVY DUTY REAR BLADE

Operation and Parts Manual



Due to continuing improvements, actual product may differ slightly from product described herein

Caution!

The following safety precautions should be thoroughly understood before attempting to begin assembling this machine.

1. Select an area for assembly that clean and free of any debris which might cause persons working on the assembly to trip.
2. Do not lift heavy parts or assemblies. Use crane jack, fork trucks or other mechanical device.
3. Never put hands, or any part of body, under blocked up assemblies if at all possible.
4. After completing assembly, thoroughly inspect the machine to be sure that all nuts, bolts, hydraulic fittings or any other fastened assemblies have been thoroughly tightened.
5. Before operating equipment, if you have any question regarding the proper assembly or operations, contact your dealer or the manufacturer.

Assembly!

1. Unpack the grade blade from shipping crate and check if there are any parts missing.
2. Assemble blade (5) to the moldboard (6).
3. Assemble swivel assembly (11) to the moldboard (6).
4. Install the main tow frame (24) to the swivel assembly (11).
5. Then assemble the support stand (1) to the main tow frame (24).

Important safety information!

Working with unfamiliar equipment can lead to careless injuries, read the manual and the manual for your tractor. Before assembly or operating, to acquaint yourself with the machine. It is the grade blade owner's responsibility, if this machine is used by any other person other than yourself, is loaned or rented, to make certain the operator is instructed in safe and proper use.

Most accidents occur because of neglect or carelessness. Keep all helpers and bystanders twenty five (25') from an operating grader blade. Only proper trained people should operate this machine.

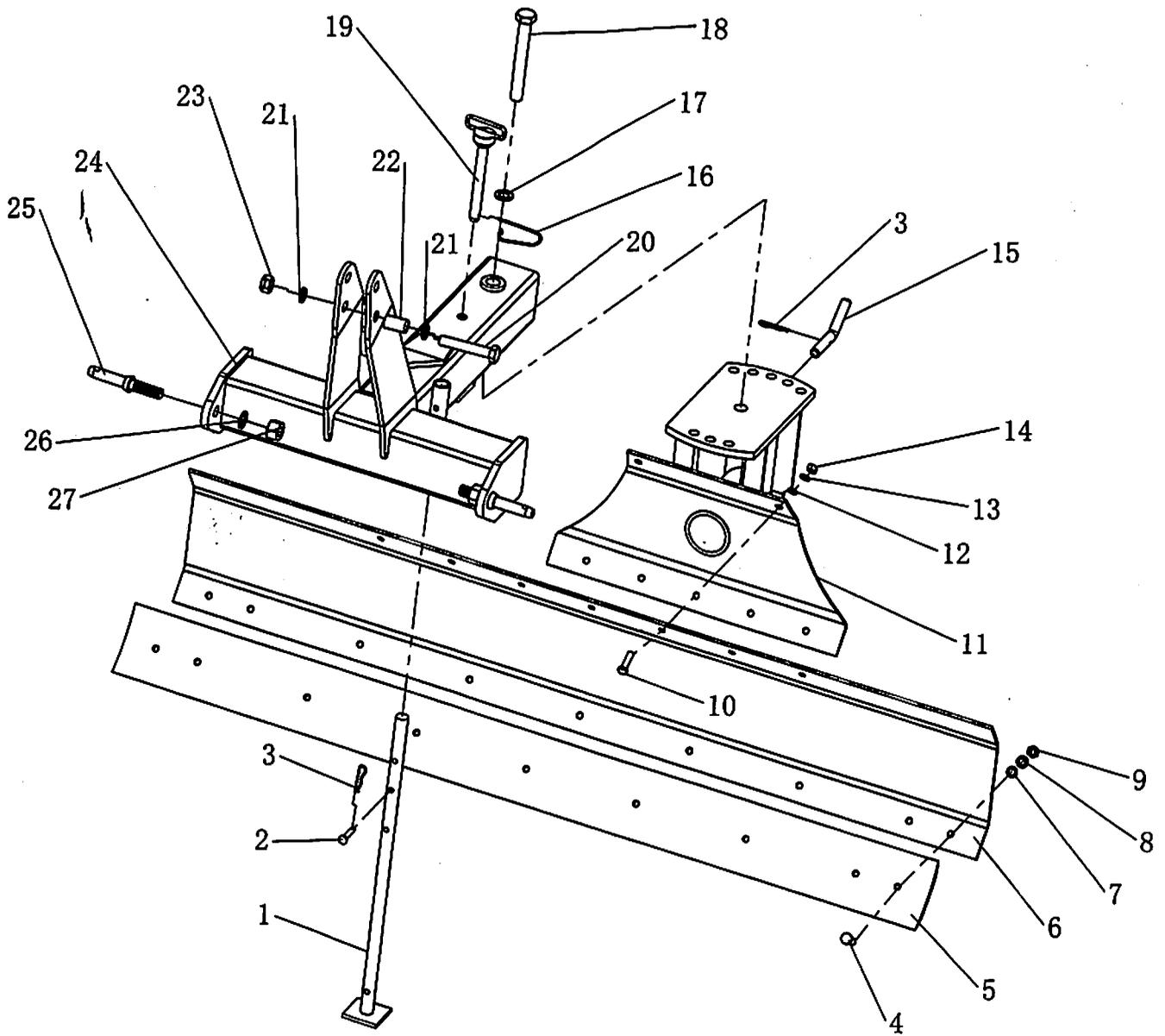
Personal protection equipment including safety glasses, safety shoes, and gloves are recommended during assembly, installation, operation, adjustment, maintaining, repairing, removal, or moving the grade blade.

Never place any part of your body where it would be in danger if movement should occur during assembly, installation, operation, adjustment, maintaining, repairing, removal, or moving the grade blade.

Before you operate the grade blade, check over all pins, bolts and connections to be sure all are securely in place. Replace any damaged or worn parts immediately.

Do not allow anyone who is not familiar with the safety rules and operation instructions to use this grade blade.

HEAVY DUTY REAR BLADE PARTS DIAGRAM



HEAVY DUTY REAR BLADE PARTS LIST

REF NO.	PART NO.	DESCRIPTION	Q'TY
1	190001	Support Bar	1
2	190002	Lock Pin	1
3	190003	Hair Pin ϕ 4	2
4	190604	Screw M14x40	8
	190704		9
	190804		11
5	190005	Blade	1
6	190006	Moldboard	1
7	190607	Flat Washer 14	8
	190707		9
	190807		11
8	190608	Lock Washer 14	8
	190708		9
	190808		11
9	190609	Nut M14	8
	190709		9
	190809		11
10	190010	Screw M12x40	2
11	190011	Flat Washer 12	1
12	190012	Lock Washer 12	2
13	190013	Lock Washer 12	2
14	190014	Nut M12	2
15	190015	Lock Pin	1
16	190016	Pin	1
17	190017	Flat Washer 24	1
18	190018	Bolt M24x190	1
19	190019	King Pin	1
20	190020	Bolt M20x115	1
21	190021	Flat Washer 20	2
22	190022	Spacer	1
23	190023	Nut M20	1
24	190024	Main Tow Frame	1
25	190025	Hitch Pin	2
26	190026	Lock Washer 22	2
27	190027	Nut M22	2