

SNO-WAY[®]

SNOW & ICE CONTROL EQUIPMENT

INSTALLATION MANUAL

STAINLESS STEEL SKIN KITS
99101489
99101490

TO FIT:
29VHD SERIES SNOW PLOWS

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INTRODUCTION AND SAFETY

Introduction

This manual was written for the installation of the Stainless Steel Skin kit.

Please keep this manual with your machine at all times as reference material and so it can be passed on to the next owner if the machine is sold.

We require that you read and understand the contents of this manual **COMPLETELY**, especially the chapter on **SAFETY**, before attempting any procedure contained in this manual.



The Society of Automotive Engineers has adopted this **SAFETY ALERT SYMBOL** to pinpoint characteristics that, if **NOT** carefully followed, can create a safety hazard. When you see this symbol in this manual or on the machine itself, **BE ALERT!**, your personal safety and the safety of others, is involved.

• Defined below are the **SAFETY ALERT** messages and how they will appear in this manual.



WARNING

INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.



CAUTION

INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY.

NOTICE

IS USED TO ADDRESS PRACTICES NOT RELATED TO PHYSICAL INJURY. FAILURE TO FOLLOW COULD LEAD TO PROPERTY DAMAGE.

NOTE: Additional information concerning the equipment or the procedure that may or may not be contained elsewhere in this manual.

We reserve the right to make changes or improve the design or construction of any part(s) without incurring the obligation to install such parts or make any changes on any unit previously delivered.

Graphics and illustrations may be used which may show equipment and/or options not included in every installation without incurring the obligation to install such parts or make changes on units previously delivered.

Sno-Way Service Parts Manuals are available on-line or at your authorized Sno-Way dealer. Factory contact information is available at www.snoway.com.

Safety

BEFORE ATTEMPTING ANY PROCEDURE IN THIS MANUAL, READ AND UNDERSTAND ALL THE SAFETY INFORMATION CONTAINED IN THIS SECTION. IN ADDITION, ENSURE ALL INDIVIDUALS WORKING WITH YOU ARE ALSO FAMILIAR WITH THESE SAFETY PRECAUTIONS.

ALWAYS operate vehicle in a well-ventilated area. The carbon monoxide in exhaust gas is highly toxic and can cause serious injury or death.

NEVER allow hands, hair or clothing to get near any moving parts such as fan blades, belts and pulleys. Never wear neckties or loose clothing when working on the vehicle.

NEVER wear wrist watches, rings or other jewelry when working on the vehicle or individual equipment. These things can catch on moving parts or cause an electrical short circuit that could result in personal injury.

ALWAYS wear safety goggles when working on the vehicle to protect your eyes from battery acid, gasoline, and dust or dirt from flying off of moving engine parts.

ALWAYS be aware of and avoid contact with hot surfaces such as engine, radiator, and hoses.

ALWAYS lock the vehicle when unattended to prevent unauthorized operation.

NEVER work on the vehicle without having a fully serviced fire extinguisher available. A 5 lb or larger CO² or dry chemical unit specified for gasoline, chemical or electrical fires, is recommended.

NEVER smoke while working on the vehicle. Gasoline and battery acid vapors are extremely flammable and explosive.

REMEMBER it is the owner's responsibility for communicating information on the safe use and proper maintenance of this machine.

INSTALLATION

Assembly Tools Needed

- 7/16", 3/4", & 1-1/16" Wrenches
- Jackstands
- Torx Bit Set

Installation Notes

1. Unless otherwise specified, mount all kit components before tightening any hardware.
2. It is recommended that LOCTITE®, or similar thread locking product, be used on ALL mounting hardware (i.e. Nuts, Cap Screws, Bolts, etc.).
3. Vehicle should be parked on a level surface.
4. Items in parentheses () refer to quantity required for this step. Items in parentheses with a pound sign (#) indicate the part number as found in the parts list on the last page of this document.
Example: (10) Washer, Lock, 1/2" (#8).

MOUNTING INSTRUCTIONS

Stainless Steel Skin Installation

1. Raise the Plow and secure it in the air by resting the bottom rail on jackstands.
2. Loosen the Locknuts on the Carriage Bolts enough to allow the Stainless Steel Skin to slip behind the wearstrip and the blade frame (See Figure 1).

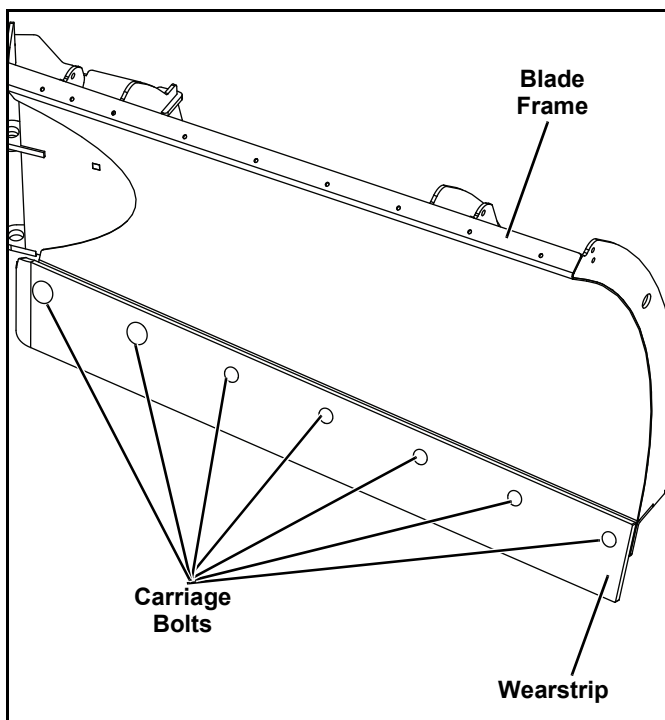


Figure 1

3. Align the slots in the Stainless Steel Skin (#1) with the carriage bolt locations and slide the skin down behind the wearstrip, as far as it will go (See Figure 2).

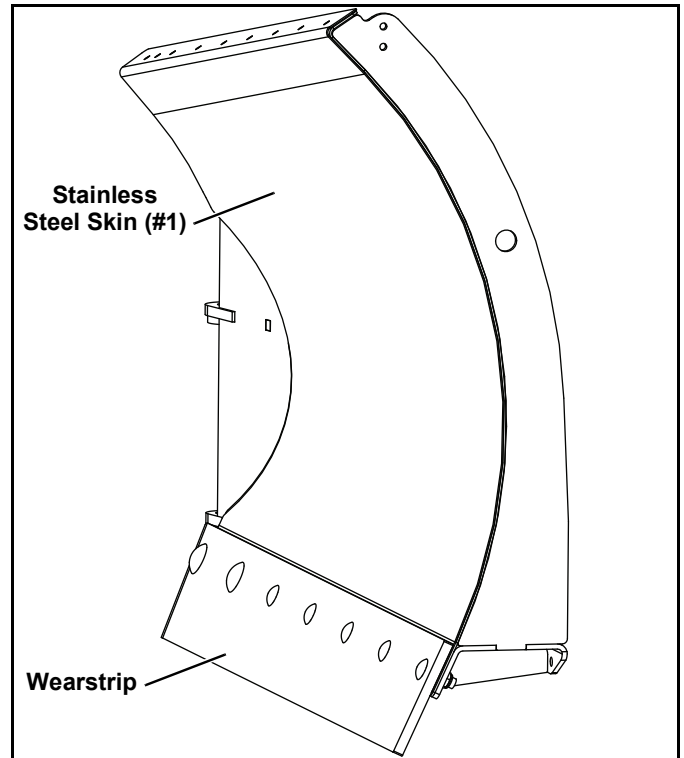


Figure 2

4. Align the holes for the top of the blade and use the (5) 1/4"-20 x 3/4" Round Head Torx Screws (#2) and (5) 1/4"-20 Locknuts (#3) to secure the skin to the top of the blade. Only every other hole needs to be secured with hardware. If the plow is using a Deflector Kit, uninstall and re-install all of the deflector hardware over top of the skin (See Figure 3).

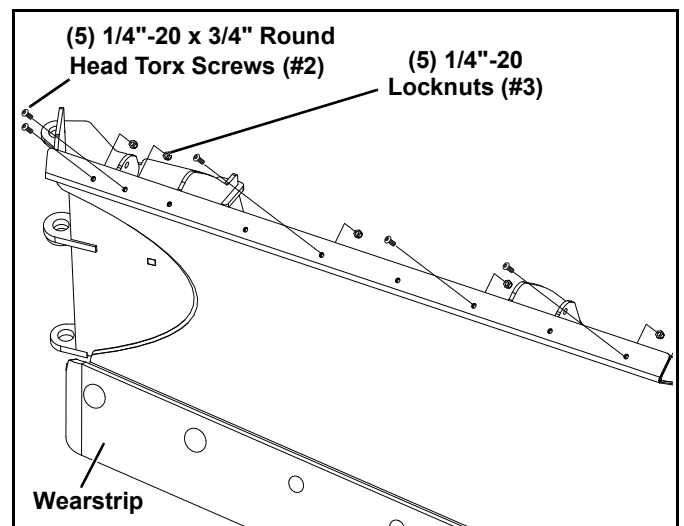
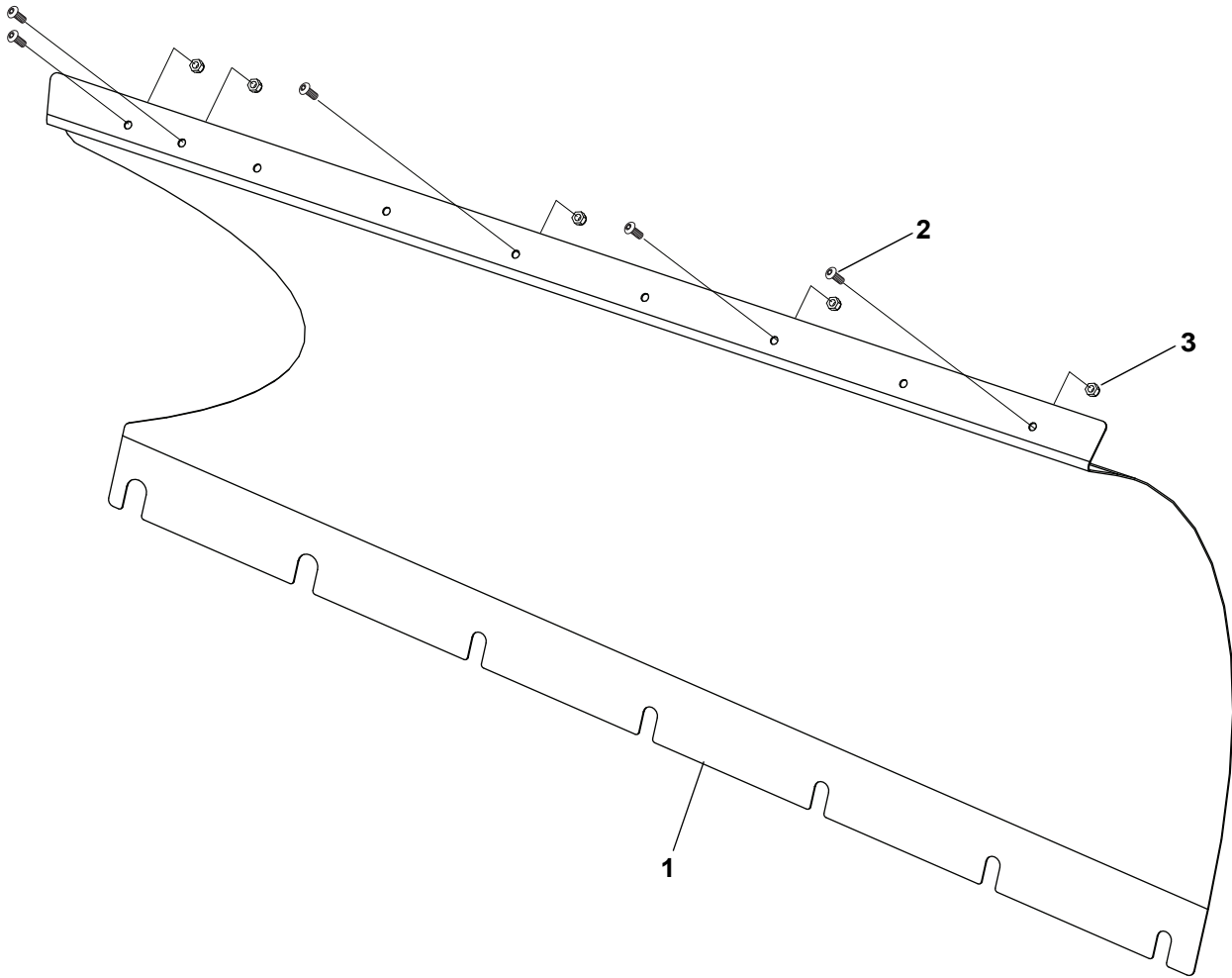


Figure 3

5. Secure the wearstrip back in place by tightening the carriage bolt hardware.

PARTS LIST



ITEM	PART NO.	DESCRIPTION	QTY
1		Stainless Steel Skin, Left	1
		Stainless Steel Skin, Right (Not Shown).....	1
2		Torx Screw, Round Head, 1/4"-20 x 3/4", SS	10
3		LN, 1/4"-20, SS.....	10
4	96118434	Kit, HDWE (Includes items #2 & #3) (Not Shown)	1

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