



**HEAVY EQUIPMENT**  
**ARMOR**  
PROTECTION YOU CAN COUNT ON!



## **DEFENDER BALLISTIC DOOR BOBCAT MODELS**

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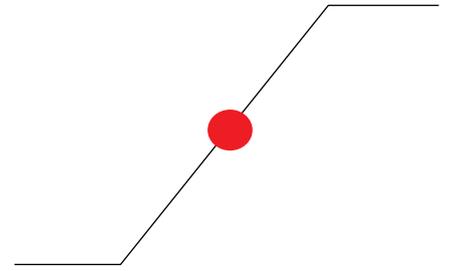
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Protection you can count on!

208.304.0002 [WWW.HEARMOR.COM](http://WWW.HEARMOR.COM)



# WELCOME.



## *Why Heavy Equipment Armor?*

### **Who and What is Heavy Equipment Armor?**

Heavy Equipment Armor was founded by the owner of Advanced Forest Equipment, who engineered the first disc mulcher for skid steers. Being a mulching contractor for over 36 years, safety has always been a priority. That's why he started designing custom and bolt-on guarding to protect his operators and machines. Too often injuries happen because a machine isn't equipped to protect the operator for the job, he/she is asked to do. Because of this we have designed several different pieces of enhanced guarding that simply bolt to a machine to help prevent costly injuries and equipment down time. All these pieces are designed with a core principle of safety, function, fit and finish.

### **What do we do at Heavy Equipment Armor?**

At Heavy Equipment Armor we create enhanced custom and bolt-on guarding for skid steers and excavators. We manufacture steel guarding, UL752 Level 1 rated ballistic guarding, bolt on custom guarding, running boards, light kits, box guards, top guards and rock guards. When it comes to protecting you and your machine, we have you covered!

### **What makes Heavy Equipment Armor perfect for Bobcat owners?**

Bobcat skid steers and compact track loaders are in every jobsite, and most of these machines have a tempered glass door. One bucket load of rock away from being blown out. Putting a quality HEA Defender ballistic door on your machine will save you costly down time and possible injuries. Plus, you don't lose your window wiper!

### **Why should I buy Heavy Equipment Armor for my Skid Steer or Excavator?**

Heavy Equipment Armor's guarding products add another layer of safety for the operator and the machine. A company's most valuable asset is protected – **It's people**. This reduces injuries which reduces costs and improves work quality at the same time.

# DEFENDER STYLE BALLISTIC DOOR FOR SKID STEERS



Step-up the safety on your skid steer with a UL752 Level 1 ballistic door better known as the Defender Ballistic Door. Whether you are operating a hammer, auger, mower, mulcher, or a log processor you can feel secure in knowing there is a 3/4" bullet resistant door in place, to help protect your **BIGGEST ASSET - YOU!**

The Defender Ballistic Door for Bobcat skid steers has not been drilled or milled making it less susceptible to micro-fractures and is bonded to a steel frame making it flex less. Unlike most skid steer doors that might be rated for heavy impact, the Defender Door is rated to withstand a ballistic attack and is designed to install with your factory door components. No matter the industry your machines may be in, its time to put real protection in place for you and your operators!

The Defender Ballistic Door for Bobcat skid steer installs easily onto the skid steer using factory hardware from your original door, including gasket, hinges, door lock hardware, and emergency escape system.

**Fits current Bobcat model skid steers and compact track loaders:**

**S450 S550 S570 S590 S595 S630 S650 S740 A770 S770**

**S850 T450 T550 T590 T595 T630 T650 T740 T770 T870**

# DEFENDER STYLE BALLISTIC DOOR FOR SKID STEERS

## BE AWARE. NOT ALL POLYCARBONATE IS CREATED EQUAL.

The Defender Ballistic Door for skid steers has not been drilled out or milled down making it less susceptible to micro-fractures and is bonded to a steel frame making it flex less. Unlike most skid steer doors that might be rated for heavy impact, the Defender Door is rated to withstand a ballistic attack and is designed to install with your factory door components. No matter the industry your machines may be in its time to put real protection in place for you and your operators!

\*Bullet resistant does not mean “bullet proof”, the Level 1 polycarbonate installed in the Defender Door is rated to withstand a ballistic attack from a 124 grain, 9mm FMJ lead core projectile from 15 feet with a shot spacing of 4 inches. This test is performed in a controlled environment at varying temperatures as low as -26 F and as high as 120 F (outside temperature).

### Saw chain shot

- 26.13.4** (1) In this section, “**saw chain shot**” means one or more parts of a saw chain traveling at a high speed as a result of the saw chain breaking.
- (2) This section applies to mobile equipment that is
- (a) used in mechanical falling activities or log processing,
  - (b) equipped with a saw that cuts using a saw chain, and
  - (c) manufactured on or after May 1, 2019.
- (3) Mobile equipment referred to in subsection (2) must meet one of the following requirements:
- (a) the mobile equipment must have protective guards or other devices that prevent the mobile equipment’s cab windows from being directly struck by saw chain shot from the mobile equipment’s saw chain;
  - (b) each cab window that could be directly struck by saw chain shot from the mobile equipment’s saw chain must
    - (i) be made of one or more sheets of polycarbonate that have a total thickness of at least 32 mm (1.25in), or
    - (ii) meet or exceed the requirements of the level 1 out door use ballistics tests of ANSI/UL 752, Standard for Bullet-Resisting Equipment, 11th edition (with revisions up to and including December 11, 2015).
- (4) For the purposes of subsection (3), saw chain shot that ricochets off an object and then strikes a cab window is not considered to have directly struck the cab window.

[en. B.C. Reg. 9/2017, App. N, s. 2.]

**The excerpt on the left was taken from the British Columbia Occupational Health & Safety Regulations, B.C. Reg. 296/97**

British Columbia has some of the strictest regulations when it comes to heavy equipment guarding in North America. The HEA Defender Ballistic Door exceeds these safety regulations.

**PLEASE NOTE: This guard is intended as a brush guard only. It is not a certified FOPS/ROPS guard.**

# Protection you can count on!

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