

# External Ordinance Rack System

## Introduction to the External Ordinance Rack System

The External Ordinance Rack System is an after-production modification intended for starships, shuttles, power armor, and vehicles. The system, designed by the Lorath, incorporates simple technological approach to add external weapon systems to various vehicles at a minimal cost and with little to no interference to the vehicle's operation.

## About the External Rack System

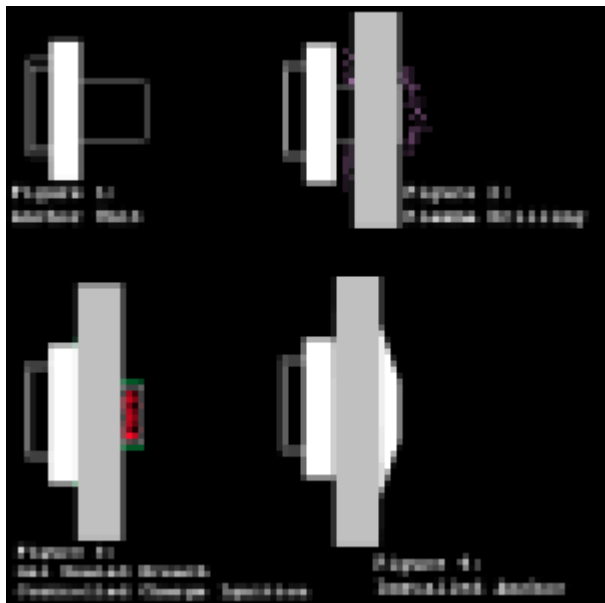
The primary component of the External Ordinance Rack System is the strap system which is utilized for many of the unit's applications. Through the use of [Stone Thread](#) fiber straps in combination with magnetic locking buckles, an external ordinance rack can be easily attached to a wide range of vehicles, and even fortified emplacements.

The application of the system on small scale vehicles such as motor vehicles, power armor, and shuttles is a simple matter of positioning the straps on the vehicle in a manner which would securely fasten the external rack to the exterior of the vehicle.

In larger applications, the External Ordinance Rack System can either use the basic strap system, or an anchoring system reliant on several various methods. For smaller ordinance, adhesive gels often can be used to anchor the ends of the strap system to the hull of a vessel or vehicle. For larger ordinance, magnetic systems can be used on hulls which magnetic forces influence, an alternative method is to place a magnetic anchor in the interior of the vessel, and a second anchor on the exterior of the vessel.

Finally, in some applications, an installation of an anchor is required. In relation to Star Army of Yamatai vessels, this is easily handled through the use of the small hooks incorporated into the [Zesuaium](#) plate of Yamatai made ships. In other ships, the use of a specialized anchor is called for. The specialized self-installing anchor incorporates a plasma-charge which is used to bore a three inch hole in the hull of a vessel. This hole is then promptly filled with a telescoping 2.98 inch durandium rod, with a self-hardening and sealing gel which fixes the rod into place. The end of the durandium rod which protrudes through the hull contains a self-activating chemical charge which ignites after installation and causes the end of the rod to flare out, thus resulting in the rod being firmly fixed into place.

## Illustration of Anchor System



## Technical Specifications

### Standard Set Components

Stonethread fiber cloth straps Durandium Buckles Electro Magnetic Anchors Self-Installing Anchor System

### Specific Components

The following components fit into various size categories. S meaning power armor sized, M meaning shuttle sized, L meaning gunship sized, and XL meaning capital ship sized. All units are made to scale to the vessel they are to be attached to, or are easily reconfigured to fit to the scale of the vessel they are to be attached to.

AS-7 and Lorath heavy ordinance missile compatible exterior holding cage (M, L, XL) Missile Rack Box (S, M, L, XL) Exterior gun-pod casing (S, M, L, XL) Exterior beam-pod casing (S, M, L, XL) Pivoting beam-pod casing (M, L, XL) Pivoting gun-pod casing (M, L, XL) Pivoting missile rack (M, L, XL) Exterior bomb rack (S, M, L, XL) Exterior cargo container (S, M, L, XL) Exterior power armor deployment pod (L, XL) Exterior mounting clamp (M, L, XL) Exterior fighter bay (XL) Starship docking (XL)

### Component Information

#### AS-7 and Lorath heavy ordinance missile compatible exterior holding cage

The [AS-7 Series Torpedo](#) (AS-7 is Military Issue Only) and Lorath heavy ordinance missile exterior holding

cage is designed to be fastened onto the exterior of a vehicle. The cage serves to house the ordinance until the weapon is fired under its own power from the cage. The Exterior holding cage can also be utilized for similar sized munitions.

In "M" sized applications, a single rack is included, in "L" sized applications, four racks are included, in XL applications, eight racks are included.

### **Missile Rack Box**

The missile rack box serves as a container unit for multiple missiles to be stored in launch tubes fixed within a box shaped container.

Variants included in "S" sized packages hold up to four missiles, variants "M" packages hold up to eight missiles, variants in "L" packages hold sixteen missiles, and variants in "XL" packages hold thirty-two missiles.

### **Exterior gun-pod casing**

The exterior gun-pod casing is designed to hold a pre-built solid ammunition weapon which can then be housed within the pod casing. The weapon is not provided with the pod, but can be easily installed and configured to be remotely triggered. This pod is designed to maintain the weapon in a fixed angle.

"S" sized variants can carry individual sized weapons, such as rifles, sub machine guns, and pistols. "M" sized variants can carry crew-served weapons, such a machine guns, mortars, and grenade launchers. "L" sized variants can carry light rail-guns and mobile cannons. "XL" sized variants can feasibly carry artillery grade cannons and large rail-guns.

### **Exterior beam-pod casing**

The exterior beam-pod casing is designed to easily connect to a vessel's power systems, and house a weapon system reliant on beam power. The weapon is not provided with the pod, but can be easily installed and configured to be remotely triggered. This pod is designed to maintain the weapon in a fixed angle.

"S" sized variants can carry individual sized weapons such as plasma-pistols and power armor weapons. "M" sized variants can carry larger power armor weapons and fighter based weapons. "L" sized variants can carry starship grade weapon pods. "XL" variants can carry gunship grade cannons.

### **Pivoting beam-pod casing**

The pivoting beam-pod casing is designed much like the standard beam pod casing, but is capable of pivoting in a turret like manner.

“M” sized variants can carry larger power armor weapons and fighter based weapons. “L” sized variants can carry starship grade weapon pods. “XL” variants can carry gunship grade cannons.

### **Pivoting gun-pod casing**

The pivoting gun-pod is designed to house a solid-ammunition weapon and provide a pivoting firing platform which can be used as a gun-turret. The design is much similar to the standard exterior gun-pod.

“M” sized variants can carry crew-served weapons, such as machine guns, mortars, and grenade launchers. “L” sized variants can carry light rail-guns and mobile cannons. “XL” sized variants can feasibly carry artillery grade cannons and large rail-guns.

### **Pivoting missile rack**

Much like the standard missile rack, this rack allows for a payload of missiles to be stored within it. The missile rack can then be attached to the external area of a vehicle. The pivoting model provides a wider angle of fire by pivoting the missile rack.

“M” packages hold up to eight missiles, variants in “L” packages hold sixteen missiles, and variants in “XL” packages hold thirty-two missiles.

### **Exterior bomb rack**

The exterior bomb rack is a set of cage-like containers designed to hold cannisters, bombs, or other such drop-able ordinance.

“S” sized variants can hold one bomb at a one meter by one half meter size. “M” sized variants can hold four bombs at a 1m x .5m size. “L” sized units can hold eight bombs at a 1m x .5m size. “XL” units can hold thirty-two bombs at a 1m x .5m size.

### **Exterior cargo container**

The exterior cargo container is designed to provide a storage area intended for the safe transport of various objects in a wide range of atmospheric conditions and zero atmosphere conditions.

Variants in the “S” size can hold a 1m x .5 m x .5 m object. “M” sized variants can hold a 3m x 2m x 1m object. “L” sized variants can hold a 10m x 5m x 3m object. Variants in the “XL” size can hold a 30m x 15m x 5m object.

## **Exterior power armor deployment pod**

The exterior power armor deployment pod is designed to serve as a carrying pod for a number of power armor, ordinance, crew, and rations. This pod can be configured to attach to an airlock of the installation vehicle.

“L” sized variants are capable of housing six power armor, their pilots, and ordinance and rations for each pilot and armor, these modules are at least 20m x 10m x 5m, and are capable of supporting pilots for up to three days, up to three years in stasis.

“XL” sized variants are capable of housing thirty power armor, their pilots, and ordinance and rations for each pilot and armor, these modules are at least 60m x 30m x 5m, these units are capable of supporting pilots for up to three days, and up to three years in stasis.

## **Exterior mounting clamp**

The exterior mounting clamp is designed to allow for the mounting of a third party exterior component through the use of various mounting methods. Primarily, the clamp is designed to fix onto an object through the use of a magnetic servo driven 'hand' which grasps onto the object. Other mounting methods include stonethread straps, anchor mechanisms, and magnetic locks.

## **Exterior fighter bay**

The exterior fighter bay is designed to provide a launch platform, storage, and pilot housing for a group of five fighters with ordinance. The exterior fighter bay measures 75m x 30m x 10m. The exterior bay is capable of supporting up to ten individuals for one week, and up to five years in stasis.

## **Starship docking**

The starship docking module allows for a full sized starship to be clamped onto and docked with another starship. This system allows for a primary vessel to attach a second vessel to it's exterior to use as additional crew housing, a weapon platform, or whichever other uses are intended for the attached vessel. The starship docking system is designed to link together the two ships by encrypted wireless communications, and through third party power connections.

## **Retail Costs**

### **AS-7 and Lorath heavy ordinance missile compatible exterior holding cage**

M: 8,000 KS L: 6,000 KS XL: 5,000 KS

### **Missile Rack Box**

S: 750 KS M: 1000 KS L: 1500 KS XL: 2000 KS

### **Exterior gun-pod casing**

S: 2500 KS M: 3000 KS L: 4000 KS XL: 5000 KS

### **Exterior beam-pod casing**

S: 2500 KS M: 6500 KS L: 7000 KS XL: 9000 KS

### **Pivoting beam-pod casing**

M: 7000 KS L: 7500 KS XL: 10,000 KS

### **Pivoting gun-pod casing**

M: 2500 KS L: 5000 KS XL: 7500 KS

### **Pivoting missile rack**

M 5000 KS L: 10,000 KS XL: 15,000 KS

### **Exterior bomb rack**

S: 1000 KS M: 5000 KS L: 7500 KS XL: 10,000 KS

### **Exterior cargo container**

S: 750 KS M: 3500 KS L: 5000 KS XL: 7500 KS

### **Exterior power armor deployment pod**

L: 75,000 KS XL: 100,000 KS

### Exterior mounting clamp

M: 3500 KS L: 5000 KS XL: 7500 KS

### Exterior fighter bay

XL: 150,000 KS

### Starship docking

XL: 100,000 KS

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