



# TerrAdaptor™

## Modular Foot System

The TerrAdaptor's ability to adapt to advanced rigging situations sometimes demands a more advanced foot than the Standard Ball Foot that comes supplied with the TerrAdaptor System. The TerrAdaptor Modular Foot System was developed to excel in these advanced rigging environments and was designed to be interchangeable to make it easier to meet your specific needs. In addition to being interchangeable, the design provides for one or more high strength auxiliary attachment points and can be positioned at 45 degree increments within either of the leg tube styles, thus providing extreme versatility while at the same time providing the strength you need for a secure system.

The Modular Foot System has three options to choose from: the spiked **Talon Foot**, the broad rounded **Rocker Foot** and the **Articulating Foot**. Each of the three feet options can be secured to a **Modular Foot Adaptor**, which in turn is secured into either a Mid Tube or a Perf Tube. You can decide to purchase one Modular Foot Adaptor for each leg and interchange the foot based on your current needs if saving space or money is your primary concern. Or you can purchase a Modular Foot Adaptor for each foot option and eliminate the need to interchange them if you want the convenience of having any foot at the ready. Or consider a combination of both by having the type of foot you use on a normal basis for each leg along with one or two others ready to go when the option of throwing on that perfect foot is the ideal set-up for your current situation.

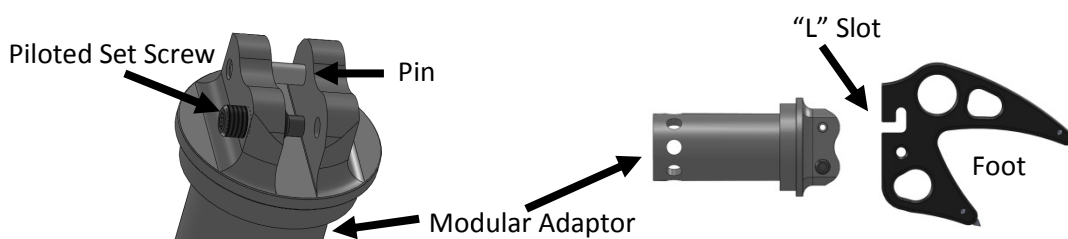


Modular Adaptor    Rocker Foot    Talon Foot    Articulating Foot

### Modular Foot Adaptor (P/N 230540):

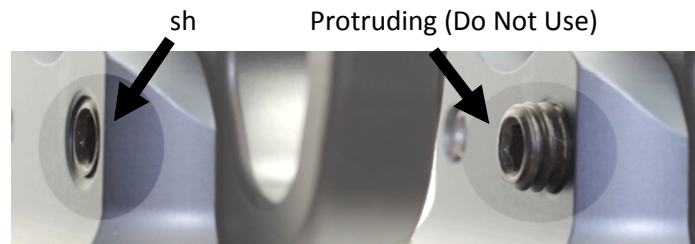
The modular foot adaptor slides into either the perf tube or mid tube and is secured by using the standard leg coupling pins.

To attach the foot to the Modular Foot Adaptor, insert the foot "L" slot onto the pin which is secured in the adaptor, slide into position and tighten the special piloted set screw until it is flush and tight. The screw should not protrude from the adaptor. A long arm hex key is provided for securing the set screw.



To remove the foot from the adaptor, loosen the piloted screw until the foot is able to slide over the secured pin. It is not necessary to remove the special piloted set screw completely in order to remove the foot from the adaptor.

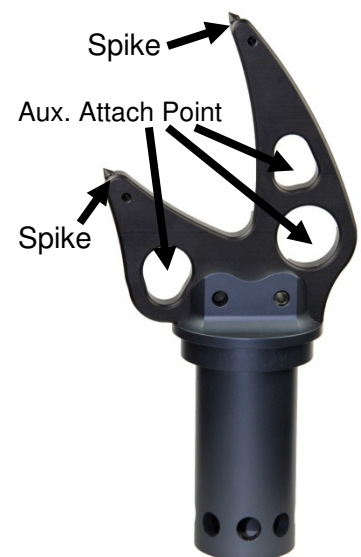
Each modular adaptor comes with a long quick-link for attaching the hobble directly to the foot.



### **Talon Foot (P/N230510):**

The Talon consists of a long and short aluminum spike, each with a hardened steel tip. The Talon is designed to deeply penetrate softer surfaces or bite into harder surfaces with their hardened points. With the long spike deeply embedded in a surface there are still two large full strength clip points (see Table 2-1) available for a hobble, rigging or tie-back.

The shorter spike, in conjunction with the longer primary spike, form the shape of a talon which allows the Talon foot to perch on objects such as pipes, roots, structural steel, and rock outcroppings to provide a more stable placement than a single spike foot.



Talon Foot

Spikes can be sharpened with a hand file or replaced as they wear. To replace spikes, loosen the small set screws on the side of the Talon points and with hand pliers pull the spikes out from the end. Install new spikes and then tighten the set screws.



The spikes are extremely sharp and should be covered with the provided plastic protectors when not in use. If not packed carefully, the spikes may permanently damage the TerrAdaptor bags and scratch other gear.

### **Rocker Foot (P/N 230500):**

The rocker foot is ideal for situations where you want to maximize the amount of surface on the ground. This results in better floatation and less damage to flooring, roofing, or whatever surface the TerrAdaptor is standing on.

The Rocker Foot can also achieve greater lean angles than the standard ball foot which is especially important on the rear leg when it is stretched out in a lazy leg configuration. Unlike the standard ball foot, the Rocker Foot has two full strength auxiliary attach points (see Table 2-1) that can be clipped even when the leg is rigged almost completely flat to the ground. It is important to note that the rocker is not symmetric so it may need to be flipped to reach the highest lean angles. The non-symmetric design also forms a hook arm that helps create a more rigid tie-in to objects such as angle iron or plate.



### **Articulating Foot( P/N 230530):**

With a rubber pad and a swiveling ball socket, the Articulating Foot is ideal for use on hard flat surfaces such as concrete or flooring as it provides a slip resistant placement that is less likely to damage the surface. Holes are also provided in the flat base for attaching directly to the surface by means of inserting screws, bolts, or driven spikes.

For extremely wide leg angles or other special circumstances the articulating foot can rotate 90 degrees to the flat position by locating the notch in the side of the foot base.



The articulating foot provides for three large holes directly on the foot for lashing, as well as a single high strength auxiliary attachment point on the adaptor plate. (see Table 2-1)



**Best Practice:**

Select and install the Modular Adaptor Foot before setting up the TerrAdaptor. The feet are not easily exchanged once the TerrAdaptor is loaded or the hobbles have been tighten.

Evaluate the forces that the modular feet could be exposed to and review Table 2-1. Consider other rigging methods if forces approach or exceed the stated breaking strength.

Securing the feet directly to anchors will create a more rigid setup and should be done when possible.

**Care & Maintenance:**

Check all components for bending and warping which could indicate overloading.

Because the auxiliary attachment points on the modular feet can be both tied into and clipped into, pay careful attention to sharp edges or burrs that may have developed. Lightly file or sand off burrs before use.

Periodically remove the feet from the Modular Foot Adaptor. Check fasteners and spikes for rust or corrosion that could impair function, clean and protect with LPS#1, WD40 or equivalent.

**Warning:**

- Carabiners clipped into auxiliary attachment points on the modular foot adaptor should be positioned to avoid cross or side loading.
- Using the TerrAdaptor without feet is not advisable. Contact of leg ends on hard surfaces will permanently damage the legs

**Table 2-1 - Strengths of auxiliary attachment points**

<b>Auxiliary Attach Point</b>	<b>Breaking Strength</b>
Lash Ring – Single Hole	4,500 lbf. (20kN)
Lash Ring – Opposing Holes	5,600 lbf. (25kN)
Talon Foot	6,744 lbf. (30kN)
Rocker Foot	6,744 lbf. (30kN)
Articulating Foot Adaptor	6,744 lbf. (30kN)
Quick Lash – Straight Pull	6,744 lbf. (30kN)
Quick Lash – Pulled to Side	3,372 lbf. (15kN)
Winch Brackets	6,744 lbf. (30kN))
Head Auxiliary Attachment Points	8,000 lbf. (36kN)

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