first flange aperture, the first leg aperture, and the second leg aperture. The swivel portion pivots about the first fastener in a first direction relative to the first flange portion. The safety device connector includes a safety device connector aperture. The second fastener extends through the safety device connector aperture and the second flange aperture. The safety device connector pivots about the second fastener in a second direction ~~opposite~~perpendicular to the first direction relative to the second flange portion.

[0006] In one embodiment, a swivel connector comprises a first flange portion, a swivel portion, a first fastener, a safety device connector, and a second fastener. The first flange portion includes a first flange aperture. The swivel portion includes a first leg portion and a second leg portion extending outward from a second flange portion. The first leg portion has a first leg aperture, the second leg portion has a second leg aperture, and the second flange portion has a second flange aperture. The first leg portion and the second leg portion define a first opening therebetween. The first opening receives the first flange portion and the first flange aperture, the first leg aperture, and the second leg aperture align. The first fastener extends through the first flange aperture, the first leg aperture, and the second leg aperture and the swivel portion pivots about the first fastener in a first direction relative to the first flange portion. The safety device connector has a first prong and a second prong defining a second opening therebetween. The first prong has a first prong aperture, and the second prong has a second prong aperture. The second opening receives the second flange portion and the first prong aperture, the second prong aperture, and the second flange aperture align. The second fastener extends through the first prong aperture, the second prong aperture, and the second flange aperture and the safety device connector pivots about the second fastener in a second direction ~~opposite~~perpendicular to the first direction relative to the second flange portion.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] The present invention can be more easily understood, and further advantages and uses thereof can be more readily apparent, when considered in view of the detailed description and the following Figures in which:

[0008] Figure 1 is a front perspective view of a connector in an open position, the connector being a component of an energy absorber assembly constructed in accordance with the present invention;

[0009] Figure 2 is an exploded front perspective view of the connector shown in Figure 1;

CLAIMS

1. A swivel connector, comprising:

a first flange portion including a first flange aperture;

a swivel portion including a first leg portion and a second leg portion extending outward from a second flange portion, the first leg portion having a first leg aperture, the second leg portion having a second leg aperture, the second flange portion having a second flange aperture, the first leg portion and the second leg portion defining a first opening therebetween, the first opening receiving the first flange portion, the first flange aperture, the first leg aperture, and the second leg aperture aligning;

a first fastener extending through the first flange aperture, the first leg aperture, and the second leg aperture, the swivel portion pivoting about the first fastener in a first direction relative to the first flange portion;

a safety device connector including a safety device connector aperture; and

a second fastener extending through the safety device connector aperture and the second flange aperture, the safety device connector pivoting about the second fastener in a second direction ~~opposite~~perpendicular to the first direction relative to the second flange portion.

2. The swivel connector of claim 1, wherein a safety device connector has a first prong and a second prong defining a second opening therebetween, the first prong having a first prong aperture, the second prong having a second prong aperture, the second opening receiving the second flange portion and the first prong aperture, the second prong aperture, and the second flange aperture aligning, the second fastener extending through the first prong aperture, the second prong aperture, and the second flange aperture.

3. The swivel connector of claim 1, wherein the first flange portion is operatively connected to a base of a bracket assembly configured and arranged to be operatively connected to a safety harness.

4. The swivel connector of claim 3, further comprising a safety harness connector configured and arranged to be operatively connected to the safety harness, a third fastener interconnecting the bracket assembly and the safety harness connector, the bracket assembly pivoting about the third fastener in a third direction relative to the safety harness connector.

5. The swivel connector of claim 4, further comprising a safety device including the safety device connector, the safety device being moveable in any of the first, second, and third directions.

6. The swivel connector of claim 3, wherein the base includes a first base, a second base, and a base connector, each of the first and second bases pivoting independently in a third direction relative to the base connector.

7. The swivel connector of claim 6, further comprising a safety harness connector configured and arranged to be operatively connected to the safety harness, a third fastener interconnecting the base connector and the safety harness connector.

8. The swivel connector of claim 7, further comprising a safety device including the safety device connector, the safety device being moveable in any of the first, second, and third directions.

9. A swivel connector, comprising:

a first flange portion including a first flange aperture;

a swivel portion including a first leg portion and a second leg portion extending outward from a second flange portion, the first leg portion having a first leg aperture, the second leg portion having a second leg aperture, the second flange portion having a second flange aperture, the first leg portion and the second leg portion defining a first opening therebetween, the first opening receiving the first flange portion, the first flange aperture, the first leg aperture, and the second leg aperture aligning;

a first fastener extending through the first flange aperture, the first leg aperture, and the second leg aperture, the swivel portion pivoting about the first fastener in a first direction relative to the first flange portion;

a safety device connector having a first prong and a second prong defining a second opening therebetween, the first prong having a first prong aperture, the second prong having a second prong aperture, the second opening receiving the second flange portion, the first prong aperture, the second prong aperture, and the second flange aperture aligning; and

a second fastener extending through the first prong aperture, the second prong aperture, and the second flange aperture, the safety device connector pivoting about the second fastener in a second direction ~~opposite~~perpendicular to the first direction relative to the second flange portion.

10. The swivel connector of claim 9, wherein the first flange portion is operatively connected to a base of a bracket assembly configured and arranged to be operatively connected to a safety harness.

11. The swivel connector of claim 10, further comprising a safety harness connector configured and arranged to be operatively connected to the safety harness, a third fastener