

The Patented Orion® SUD is a tray retention system/Safety Up Device.

The Orion® Shackle has been redesigned for use as a lightweight Safety Up Device (SUD) for securing rear dump (RD) truck trays in the up position while maintenance is carried out. It ensures that there is no uncontrolled movement of the tray in the event of a hydraulic failure or any other unforeseen circumstance where the tray may free fall.

Exclusively manufactured in the Whitsundays region, the Orion® SUD has a minimum break load (MBL) of 50,000kg, made with a Dyneema® core and then cover-braided with SK75 providing excellent chemical, UV, and abrasion protection. The Orion® SUD is designed to be removed after every use, meaning maintenance departments will only require 4-5 sets to service 20 – 30 RD's. The purpose-made SUD bags allow the breakdown fitter to have a set in the back of the ute ready for use in the field.



WHY ORION® SUD?

Soft Rigging Solutions builds everything in-house, so the Orion® SUD sling/strop is built to the length and colours specified by you and only weighs around 1.3kg to 1.8kg depending on the length. The option for colour coordination eliminates the chance of the incorrect length/SUD being used for sites that run multiple different trays and RD models. The sling ends are painted to match the colour of the diff and tray attachment points.

The lightweight Orion® SUD shackle weighs only 2.9kg which is a far cry from the typical 10 – 15 kg steel shackle commonly seen in SUD devices on RD trays. This weight reduction has allowed the task which previously required multiple personnel to be completed by one individual, enabling inclusion and improving safety.



FEATURES

- Ultra-lightweight, the Orion®SUD shackle weighs only 2.9kg and the Orion® SUD sling only 1.3 – 1.8kgs (depending on length)
- Excellent UV, abrasion and chemical resistance means grease and oil are not issues.
- Exceptionally low elongation, less than 3% at 50,000kg
- Rated MBL 50,000kg - will break at any point over this
- Enables inclusion while improving safety

