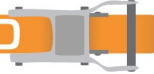


BROOKWOOD

LOAD SOLUTIONS LTD



Installation Guide

This guide is to show how to fit the track into any type of curtain sided vehicle.

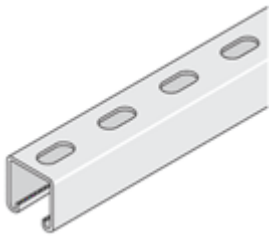
Its suggested you view our video at www.loadrestrainsystem.co.uk to understand how the system works first.

Components

All the components are Unistrut for the track and fittings www.unistruct.co.uk.

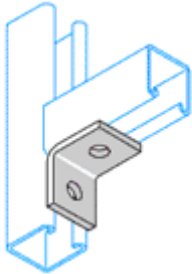
They have a number of stockist around the UK.

All part numbers are Unistrut



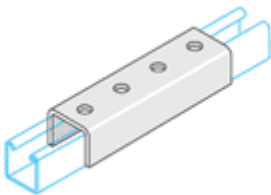
P1000T Channel

Available in 6 and 3 metre lengths



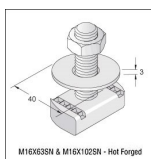
P1026 1x1 Fixing Bracket

If greater clearance is needed P1326 2x1 Fixing bracket is an alternative



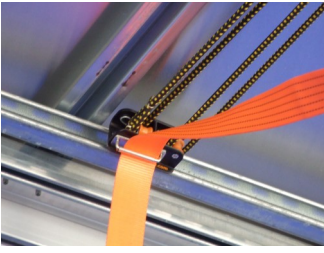
P1377 Channel Couple Fitting

Welding the channel is preferred but if this is not available the coupling plate can be used.



M16x63SN Henderson Track Bolt

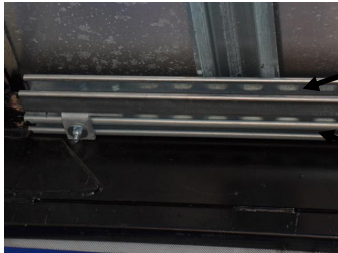
Only used if connecting to Henderson Track



No load at any time is secured by the system - its merely a tool to keep the straps out of the way for loading..

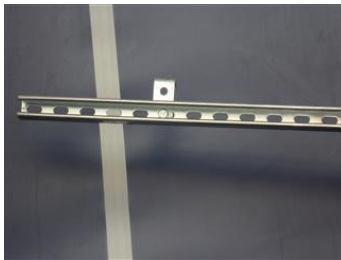


The track is turned to face across the vehicle body

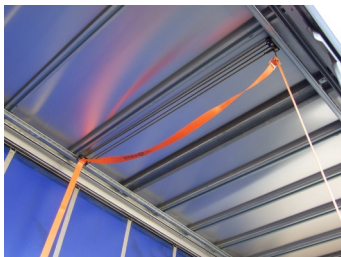


Unistrut Track facing across the body

Henderson Track facing down



A 1x1 or if necessary 1x2 bracket is fixed to the track

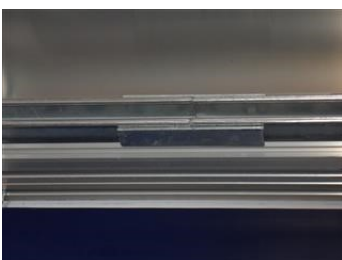


Here the track is bolted to the roof cross members

The existing Henderson track can still be used for hanging straps in this installation to restrain light or soft goods



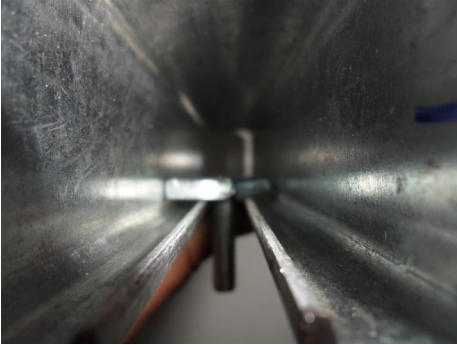
So as not to foul the existing Henderson track a 1x2 bracket was used to give extra clearance and fitted to the cant rail.



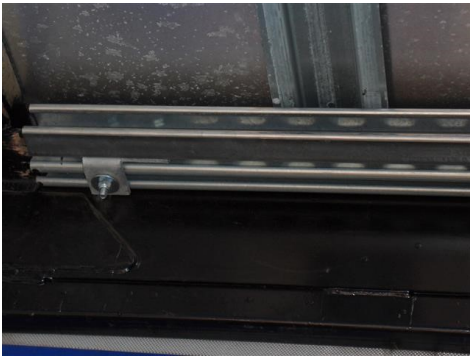
If the track is not welded a coupling joint can be used to connect sections



If you are fitting the system as a replacement to the hanging straps in a Henderson track you can use the Henderson Track Bolt



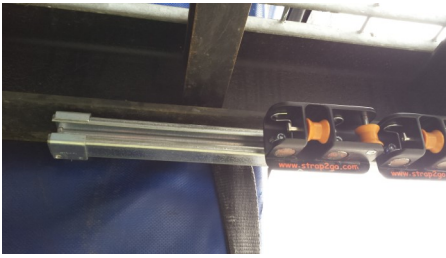
It simply slides into the existing Henderson track



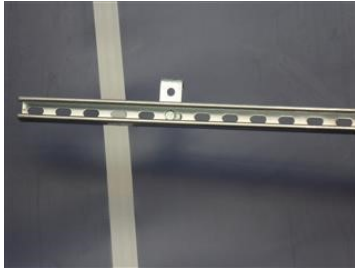
And acts as a fixing for the 1x1 bracket - so you don't need to drill new bolt holes.

It also makes the system very easy to transfer to another vehicle.

Tips and Tricks



Allow at least 120mm gap at one end and preferably both ends to slide the Strap2Go head units into the track

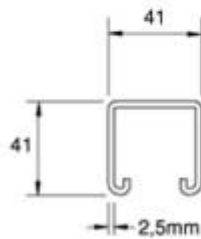


Brackets should be no more than 1500mm apart.



Make sure you have secure fixings at each end. When all the Strap2Go units are pulled back you have a lot of force pulling the track.

This was caused by bolting to thin aluminium at 2 metre spacing.



If you are bolting the track to a bracket we find it best to use M10 bolts with a nylon insert lock nut.

IMPORTANT you need clearance in the track for the trolley to go over the head of the nut. The maximum intrusion into the track is 8mm before you risk fouling the trolley assembly.

Unistrut Suppliers

Sitebox	01622 738 699
Orbital Fasteners	01923 777777
DP Supplies	0121 706 7777
Unistrut	0121 580 630

Example Bill of Materials for Single/Double Deck Trailers.

Typical 26 Pallet System Double Deck Trailer

Item	Unistrut Part Number
4 x 6 Metre Unistrut Track	P1000TX6PG
2 x 3 Metre Unistrut Track	P1000TX3PG
2 x Unistrut Track couplers	P1377HG
20 x Unistrut 1x1 Brackets	P1026HG
20 x M10 Nuts and Bolts or Henderson Drop Bolts	(M6X30SNZP)
6 x End Stopper Bolts	M6X30SNZP

Typical 26 Pallet System Single Deck Trailer

Item	Unistrut Part Number
4 x 6 Metre Unistrut Track	P1000TX6PG
1 x 3 Metre Unistrut Track	P1000TX3PG
4 x Unistrut Track couplers	P1377HG
20 x Unistrut 1x1 Brackets	P1026HG
20 x M10 Nuts and Bolts or Henderson Drop Bolts	(M6X30SNZP)
4 x End Stopper Bolts	M6X30SNZP

Example Bill of Materials for Rigid Vehicles..

Typical 16 Pallet System Rigid Vehicle

Item	Unistrut Part Number
4 x 6 Metre Unistrut Track	P1000TX6PG
4 x Unistrut Track couplers	P1377HG
16 x Unistrut 1x1 Brackets	P1026HG
16 x M10 Nuts and Bolts or Henderson Drop Bolts	(M6X30SNZP)
4 x End Stopper Bolts	M6X30SNZP

Typical 14 Pallet System Rigid Vehicle

Item	Unistrut Part Number
4 x 6 Metre Unistrut Track	P1000TX6PG
4 x Unistrut Track couplers	P1377HG
14 x Unistrut 1x1 Brackets	P1026HG
14 x M10 Nuts and Bolts or Henderson Drop Bolts	(M6X30SNZP)
4 x End Stopper Bolts	M6X30SNZP

Typical 10 Pallet System Rigid Vehicle (7.5 Tonne)

Item	Unistrut Part Number
2x 6 Metre Unistrut Track	P1000TX6PG
10 x Unistrut 1x1 Brackets	P1026HG
10 x M10 Nuts and Bolts or Henderson Drop Bolts	(M6X30SNZP)
4 x End Stopper Bolts	M6X30SNZP