

# Lorry Bag Installation Guide

1



Clear debris from work area prior to placing bags in position.

2



Beginning with the two bags are the rear of the vehicle. Lift the Lorry Bag into position.

600 type bag =  lift    1200 type bag =  lift

3



Ensure the Lorry Bag is butted up closely against the vehicle.  
1200 type bag is to be secured in place with a ratchet strap to the underside of the vehicle.

4



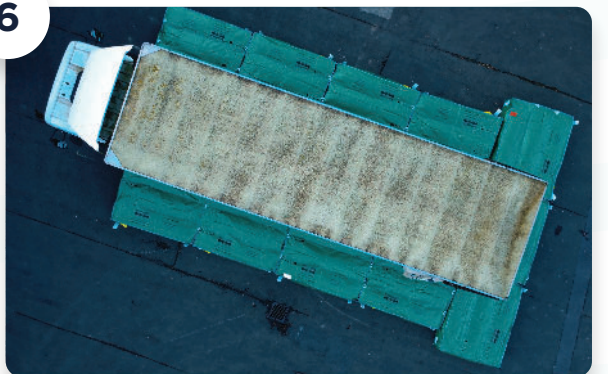
Push the next Lorry Bag against the previous one, then connect them together using the velcro straps and loops attached to the bags. Start with the one closest to the vehicle, and end with the strap on the side.

5



Repeat steps 2-4 for each bag until the installation exceeds the bed of the vehicle and protrudes into the cab area.

6



Ensure all bags are tightly secured together, and there are no gaps between the vehicle and the Lorry Bags. Installation is to be checked by competent person.

## Where to use the lorry bag

The Lorry Bag (1200mm and 600mm high versions available) are produced principally to offer protection for unloading a goods vehicle, particularly when on, or above, the load bed of the vehicle. When used correctly, both types of bag can mitigate the effects of a fall by reducing the potential fall height and by providing an energy absorbing landing area surrounding a vehicle.

## Checking bags

Prior to installation the bag should be inspected to ensure that the outer casing is intact and free from damage such as tears or rips. Straps / loops or plastic connectors (depending on bag variant) must be undamaged and fully operational.

The general appearance of the bag should be assessed principally to ensure that the energy absorbing fill material is intact and not crushed. The ID tag sewn into the seam of bags must be checked to ensure the "Inspection Due By" date has not been exceeded.

## Installation

The area of installation should be level and free from rubbish, particularly sharp objects which could cause damage and affect the performance of the bag. Starting at the cab end, the first bag should be offered up to the side of the vehicle and attached to the vehicle rave using the claw hook/ ratchet strap. The second and subsequent bags should be positioned likewise and be securely strapped together using the Velcro straps / loops or plastic connectors provided on the bags. This process should continue around the vehicle until all exposed edges are protected.

## Storage / Handling

The Soft Landing System bags are very strong but should only be walked on where absolutely necessary. Continued compression will affect the efficiency of the energy-absorbing fill and thus reduce the active life expectancy of the bags.

Bags should be stored undercover.

The outer skin, inner bags and polystyrene fill are treated with flame retardant chemicals. However, the materials are not fireproof and will burn if exposed to sufficient heat and flame. It is, therefore, essential that bags are not exposed to these risks and kept secure from vandalism.

To prevent the claw hooks swinging loosely and potentially striking a person, the straps should be adjusted (when the bags are not in use) so that the hooks are tight against the cam buckle.

Bags can be moved manually using the black lifting straps only and must not be dragged by the ratchet straps.

Alternatively, if bags are to be moved by mechanical device, slings should be passed through the two pairs of lifting straps on each end of the bag and lifted from a central point.

## Installation supervision

Only competent personnel should carry out the installation of the Lorry Bags. Once the installation is complete a competent person, designated by the operating company, should sign it off in accordance with their own Risk Assessment policy.

## Reporting system

Whenever someone has fallen into the Soft Landing System, the details of the fall should be reported to our office. This is in order that we may analyse any data and arrange inspection if necessary. This information is also useful in helping us improve the design of our system.

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