


Operation & Maintenance Instructions for Height Restriction Barrier







It is part of a wide range of products designed to improve traffic flow. Any of the instructions in this manual should only be carried out by a qualified service engineer or a competent person.

We have attempted to provide accurate and correct information, but there may be printing errors for which we cannot be held responsible.

Providing that the product is installed correctly, you can expect long-term reliable service from it. We do however recommend that it be serviced by a qualified engineer or competent individual on a bi-annual basis.



Information on using this Manual.

- Read all information thoroughly!
- Pay attention to all safety advice!
- Be aware of the symbols – one is an information symbol , the other is a warning symbol 
- You should refer to the images in this manual as a guide only since there are many artist impressions of the product. As before every effort has been made to be 100% accurate in this manual, but we cannot make any guarantees.
- Due to the constant innovation of our products, we may change the quoted specifications and other details in this manual. It is always recommended that you check with your supplier to see if the manual that was shipped with your product is the most current.





High quality steel square box sections are used in the construction of this Height Restriction Barrier.

It provides an ideal solution to prevent high vehicles from accessing unauthorised areas, such as staff parking lots or underground parking garages. In either a single leaf or a double leaf configuration, it is a durable and reliable restriction barrier.

Vehicle occupants can determine whether they have sufficient clearance to pass under the cross beam by viewing clear signage. By using an additional latch post and padlock, the opening variants can be locked in either an open or closed position.

| | |
|-----------------------|--|
| Specification | Steel Constructed Height Restriction Barrier |
| Material | Mild Steel Square Hollow Section |
| Construction | Posts 120mm x 120mm x 5mm Top Rails 80mm x 80mm x 3mm |
| Finish | Zinc Primed then Powder Coated as Standard & Galvanised (Additional Cost) |
| Available Span | From 3M – 6M (Single Leaf) From 6M – 12M (Double Leaf) |
| Installation | Posts are sunken into ground at 800mm |





SAFETY WARNING:

Please read and understand the following information before attempting to install the Height Restriction Barrier. Any work should only be performed by competent and skilled individuals. It is recommended that this document be retained for future reference and use.

IMPORTANT INFORMATION:

Adjustments to the Height Restriction Barrier must comply with current safety standards.

IMPORTANT INFORMATION:

It is possible for the Height Restriction Barrier to move due to weather conditions if it is not properly secured. This could result in serious injury to personnel, vehicles and property. In order to secure the Height Restriction Barrier in the open position, latch back posts are highly recommended.






HAZARDS WHICH CAN BE FORSEEN:

1. Tripping hazards, e.g. cables, extension leads, stored materials on site.
2. Injuries due to lifting heavy objects.
3. Contact with hazardous substances.
4. Electric shock.
5. Fire.
6. Oncoming vehicular traffic.
7. Other Contractors working nearby.
8. Pedestrians.
9. Hand entrapment.

CONTROLS IN PLACE TO MINIMISE RISK:

1. Operators trained and conversant with the mechanics of the Height Restriction Barrier operating system.
 2. Correct Manual Handling Training techniques to be adhered to at all times.
 3. Care is to be exercised to reduce tripping hazards, eg. Removing such hazards away from the working area.
 4. Working area to be cordoned off prior to commencing work.
 5. Operators to wear Hi-Viz Coats/Waistcoats/Waterproofs.
 6. PPE to be worn as and when required and in line with our policy (Hard Hat, Safety Glasses, High-Viz Jackets, Gloves, Safety Boots).
 7. COSHH Regulations to be observed at all times.
 8. All electrical power is to be isolated at supply, and checked with a multimeter to ensure it is switched off before proceeding with the work.
 9. Operatives are to be made aware of the clients Health and Safety Procedure and Emergency Action Plan.
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LUBRICATION:

The manual Height Restriction Barrier is a very robust unit and has been designed for minimal maintenance. The only points requiring lubrication are the adjustable hinges (see Figure 3) which will only need a check every 6 months and re-lubricate with a good quality grease.

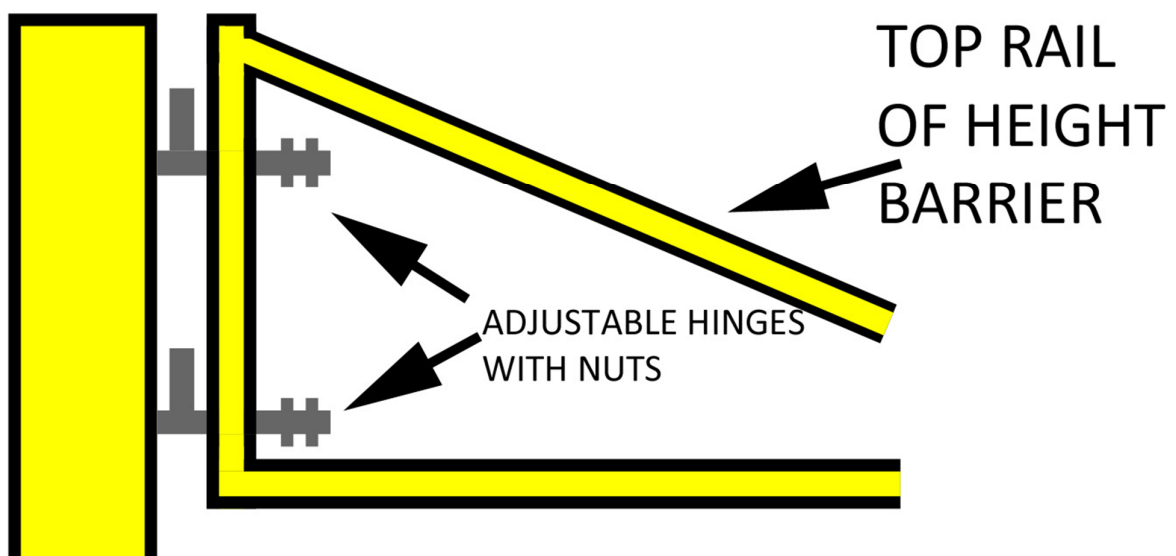


FIGURE 3

OPERATION

STANDARD OPERATION OF AN HEIGHT RESTRICTION BARRIER



IMPORTANT INFORMATION

The following procedure outlines the safe operation of a Manual Height Restriction Barrier; these measures should be incorporated into the owner's on-site risk assessment.

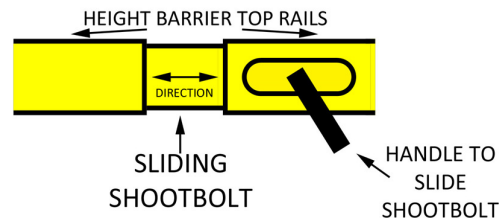
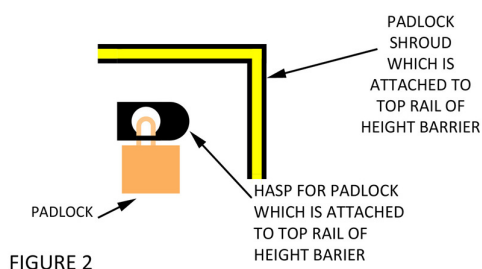
It is recommended that all operators undergo manual handling training before attempting to operate this barrier manually.

BEFORE OPERATING

Vicinity of Barrier must first be cleared of all possible obstacles or hazards.

OPERATION

- Whilst holding the barrier leaf to retain control of the height restriction barrier; unlock padlock from under the security shroud, slide shootbolt to release the barrier from its central closed position (Figure 1 & 2).



- Steadily open the barrier, retaining a firm grip at all times.
- Secure in the catch post and lock.



IMPORTANT NOTE:

Strong winds may be able to move a height restriction barrier that has not been properly secured. Failure to secure the height barrier could result in serious injury to personnel or damage to property.



MECHANICAL ADJUSTMENTS

HINGE ADJUSTMENT

The position of the barrier may be adjusted via the adjustable hinges. Both are held and adjusted by two nuts; these nuts are openly accessible on a standard height restriction barrier on the vertical stanchion.

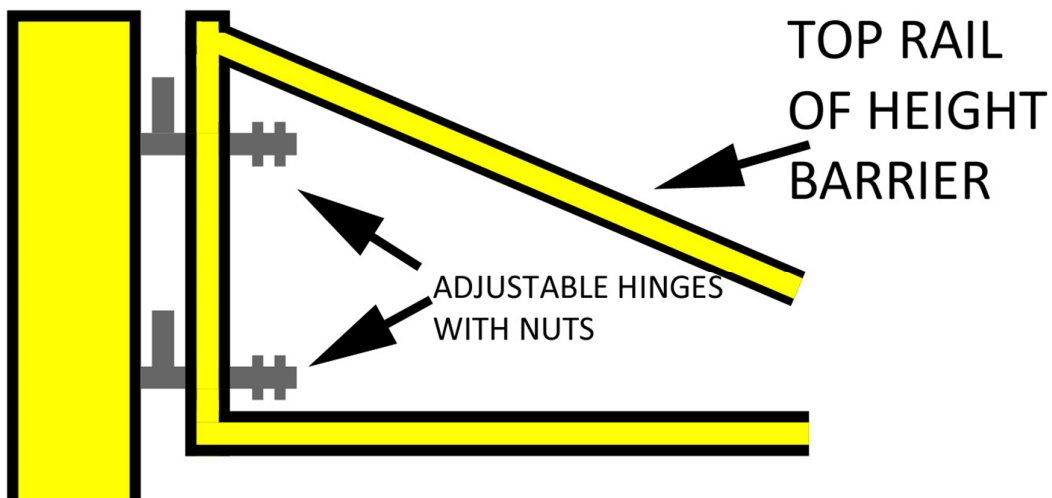


FIGURE 3

COMMISSIONING

It is preferable that commissioning takes place when pedestrian traffic is at a minimum to avoid disruption.



SAFETY NOTICE:

DO NOT place your hands/fingers inside the barrier when operating.

