

# Enigma

# SPIRIT

## ENIGMA SPIRIT WHEELCHAIR



Enigma Spirit Wheelchair  
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Owners Handbook  
Part Code: Z15996 (Rev A)

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### 2. INTRODUCTION

The Enigma Spirit wheelchair been designed with elegance and quality in mind. It is suitable for occasional or frequent use, and can be used outdoors and indoors. It's aluminium frame is lightweight and durable. The wheelchair is designed for a single user of up to 115kg (18 stone). The wheelchair comes with 24" wheels which allow either the user or an attendant to propel the wheelchair.

All Enigma wheelchairs are manufactured to the highest quality and are CE compliant. Drive Medical is an ISO 9001 and EN 46001 certified medical device manufacturer.

### 3. PARTS DESCRIPTION

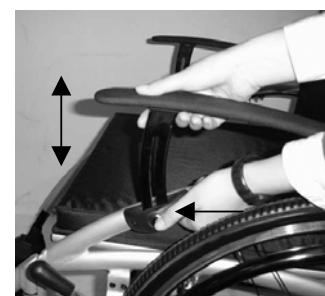


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### 4. ADJUSTMENT FEATURES



#### Armrests

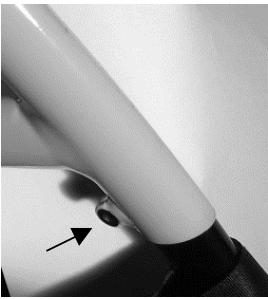
The angle and front height of the armrests can be adjusted to suit each user. To adjust the angle, press the button shown in the photograph whilst pulling up or down on the front of the armrest. When the desired angle is reached, release the button to lock.

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### Legrests

The length of the leg rests can be adjusted. To adjust the length of the leg rest, first loosen the allen bolt on the legrest using the allen key provided. Then slide the footplate in and out until the desired position is reached. Finally retighten the allen bolt to secure.

## 5. FOLDING BACK MECHANISM



The wheelchair has a half fold back mechanism which has been designed so that the wheelchair will fit in to small spaces by reducing the wheelchair height.

To fold the back, push in the black lever using your thumb, whilst pulling the push handle down. Then repeat for the other side.



#### Warning:

Do not pull on the black lever as this could result in damage and/or injury.

## 6. DISASSEMBLY AND FOLDING

The leg rests, rear wheels and cushions are easily removable without tools to facilitate a light carry weight and minimize storage space required.



### i. Legrests:

The legrests can swing in / out and are removable for convenience.

Pull the button (arrowed) on to unlock the legrest and then swing the legrest in or out, as required.

To remove the legrest, swing the legrest out approximately 45° and pull up on the leg rest.

To reinstall the leg rest, insert the leg rest at 45° then swing the legrest inwards until it locks in position.



#### Warning:

Always ensure the legrest is properly reinstalled and locked in position before use.



### ii. Rear wheels:

The rear wheels on the wheelchair can be easily removed for transportation or storage.

With one hand holding up the wheelchair frame, the other hand should grip the centre of the wheel, push the centre pin inwards and in the same movement pull the wheel hub away from the wheel.

To put the wheels back the procedure should be reversed.



#### Warning:

Check that the wheel is securely fastened before use by pulling the wheel and ensuring there is no sideways movement.

### iii. Folding the wheelchair:

The wheelchair has been designed with an easy fold mechanism. To fold the chair, ensure that the legrests are removed or the footplates flipped up. Remove the seat and back cushions and remove the rear wheels if required. Pull up in the centre of the front and rear of the seat canvas and the wheelchair will naturally fold up.

## 7. OPERATION

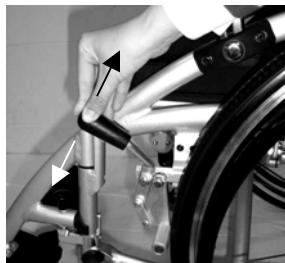


#### Before Using the Wheelchair read the safety notices below:

- Use slow speeds on gradients. Do not exceed the maximum gradient stated.
- The wheelchair is only suitable for single occupancy.
- Keep your feet on the footplates when moving. Do not stand on the footplates.
- Do not use escalators.
- Do not reverse down a gradient
- Maintain proper balance at all times. Users should not move their centre of gravity out of the seating area.
- Do not reach for items further than your arm will extend.
- Be aware of hazards in your environment, such as narrow doorways, steps, household appliances, children's toys, etc.
- We recommend you consult your healthcare professional for advice about transferring to and from the wheelchair. The parking brakes should always be applied when transferring.
- The wheelchair brakes and parking brakes and are not suitable for slowing the wheelchair down.

## i. Propulsion

- Either the wheelchair user or an attendant can manually propel the wheelchair.
- If the user is propelling the wheelchair, they should use the handrims attached to the rear wheels. The user can slow the wheelchair by applying pressure to the handrim using their hands. The wheelchair should not be propelled by the user in environments where the user cannot stop the wheelchair promptly and comfortably.
- If an attendant is propelling the wheelchair, they should push using the push handles.



### ii. Brakes

The wheelchair comes with right and left parking brakes.

To apply the brakes, push down on the brake handle (shown by white arrow).

To unlock the brakes, pull up on the brake handle (shown by black arrow).

## 8. USING THE STEPPER TUBE AND KERBS

**Anti-tip wheels.** The stepper tubes have integral anti-tip wheels. The height of the wheels can be altered by pulling the round disc on the stepper tube whilst adjusting the wheel height as required.



### Warning:

Ensure that the wheels on both stepper tubes are set at the same height.

**Use the stepper tube** to raise the front castors (when mounting a kerb for example). To use, push down on the stepper tube with a foot.



### Warning:

Do not raise the front castors by pushing down on the push handles as this could result in damage to the wheelchair.

**To mount a kerb.** Approach the kerb head on. Then the attendant uses the stepper tube to raise the front castors, and lowers the front castors on the raised kerb. Finally the attendant should push the wheelchair forward, lifting it up slightly to mount the kerb if required.

**To go down a kerb.** Line up the front castors with the edge of the kerb. The attendant uses the stepper tube to raise the front castors and tip the user slightly back. Keeping the castors raised, slowly lower the wheelchair down the kerb.



### Warning:

Do not raise the front castors by pushing down on the push handles as this could result in damage to the wheelchair.

## 9. USING THE WHEELCHAIR IN A VEHICLE

The wheelchair user should transfer to a normal vehicle seat and the wheelchair should be safely stored away. The wheelchair has not been designed to be used as a seat in a motor vehicle, and failure to follow the above instructions could result in injury.

## 10. TYRE PRESSURE AND INFLATION

The Enigma wheelchair comes with solid tyres on both front and rear wheels, and hence there is no need to monitor tyre pressure.

## 11. CARE AND MAINTENANCE

- Before each use of the wheelchair, the brakes should be checked.
- The wheelchair should be stored in a dry environment, away from direct sunlight. When in storage the wheelchair can be folded up
- The wheelchair should be kept clean and dust free. This can be done with a duster or damp cloth.
- The wheelchair comes with a toolkit to perform simple maintenance tasks and most common adjustments.
- The user should routinely check the following items. It is recommended that a Drive Medical dealer services the wheelchair annually, where these items should be repaired, replaced, adjusted and/or lubricated if required.
  - Tyre wear
  - Wheel bearings
  - Castors
  - Brakes
  - Legrest locking mechanism
  - Seat upholstery
  - Back upholstery
  - Arm pads
  - Arm rest mechanisms
  - Rear wheel quick release pin
  - Anti-tip bar adjustment
  - Half folding back mechanism
  - Back posts
  - Wheelchair (folds up)

## 12. SPECIFICATION

Model	XSES18 (Spirit wheelchair)
Overall D*	97 x 71 x 91cm / 38½" x 28½" x 36"
Folded Width	32cm / 12½"
Seat D*	40 x 45 x 48cm / 16" x 18" x 18¾"
Carry Weight	5.8kg / 13lb
Total Weight	14.9kg / 33lb
Weight Capacity	18 stone / 115 kg
Max Gradient	10° (18%)

All dimensions are based on the wheelchair in its default configuration.

D\* = Dimensions (L x W x H)



### Warning:

Do not exceed the weight capacity or maximum gradient stated above. Failure to do so could result in damage or injury.

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## 13. WARRANTY DETAILS

There is a comprehensive twelve-month warranty from the date on which your new wheelchair is delivered. The warranty covers the wheelchair for repairs or replacement during this period. For more detail, please see the warranty conditions below:

1. Any work or replacement part installation must be carried out by an authorised Drive Medical dealer / service agent.
2. To apply the warranty should your wheelchair require attention please contact the outlet from which you purchased the wheelchair.
3. Should any part of the wheelchair require repair or full or part replacement, as a result of a manufacturing or material defect within the warranty period, parts will be supplied free of charge. Note: The guarantee is not transferable.
4. Any repaired or replaced parts will be covered by the balance of the warranty period on the wheelchair.
5. Parts replaced after the original warranty has expired will be covered by a three-month warranty.
6. Consumable items supplied will not generally be covered during the normal warranty period unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect. Such items include (among others): upholstery and tyres.
7. The above warranty conditions apply to brand new wheelchairs. Second-hand wheelchairs supplied directly by Drive Medical carry a six-month warranty period. If you are unsure whether your wheelchair is covered contact your dealer.
8. Under normal circumstances, no responsibility will be accepted where the wheelchair has required assistance as a direct result of:
  - a. the wheelchair part not having been maintained in accordance with the manufacturers recommendations
  - b. failure to use the manufacturer's specified parts
  - c. the wheelchair or part having been damaged due to neglect, accident or improper use
  - d. the wheelchair or part having been altered from the manufacturer's specification or repairs having been attempted before the dealer is notified
9. The frames on Enigma aluminium wheelchairs have a five-year warranty.

In the event of your wheelchair requiring attention, please contact your service agent / dealer and give all relevant details so they can act quickly. The manufacturer reserves the right to alter without notice any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

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Other Products in the Drive Medical Range:



**drive**  
MEDICAL DESIGN & MANUFACTURING

Please contact your local Drive Medical Dealer for a catalogue.

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Dealer Stamp

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