



Item #STD24ECDDAHD-SF Shown  
For use with all  
Sentra EC Heavy Duty Wheelchairs

**WEIGHT CAPACITY: 450 LBS**

## CAUTION:

**Stability** - Wheelchair is designed to be safe and stable as long as center of gravity is maintained while going about normal activities. Care must be taken while performing activities that shift your center of gravity in the chair. Never reach so far that require you to shift in the seat or bend over out of the chair. When you have to reach for objects that require you to lean, be certain front casters are pointing in a forward position that extends the wheel base and will stabilize the chair.

**Ramps** - Be sure of your own capabilities, limitations and strength before attempting to go up a ramp. Correct techniques on ramp negotiation should be shown to you by a qualified professional. Assistance is recommended when going up or down inclines greater than 10°. If you must stop on an incline, avoid sudden, abrupt movement when you resume movement. Because of backward angle of the chair, sudden abrupt movement could cause instability. Attempting to use the wheel lock brakes could result in accidental locking, tipping to one side, or cause a sudden stop. Avoid changing direction when going down an incline, as this could result in instability of tipping over.

## lifetime limited warranty

Your Drive branded product is warranted to be free of defects in materials and workmanship for the lifetime of the product for the original consumer purchaser.

This device was built to exacting standards and carefully inspected prior to shipment. This Lifetime Limited Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service.

This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement.

If you have a question about your Drive device or this warranty, please contact an authorized Drive dealer.

**⚠ WARNING:** This product can expose you to chemicals, including Styrene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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Port Washington N.Y. 11050 USA Made in China

## sentra ec heavy duty wheelchair



EU Authorized Representative  
Drive Medical LTD  
Ainley's Industrial Estate  
Elland, West Yorkshire,  
United Kingdom HX5 9JP

[www.drivemedical.com](http://www.drivemedical.com)

Please read this manual carefully to insure safe usage and understanding of maintenance instructions.

***Congratulations on your purchase of a Drive wheelchair. Drive wheelchairs are a product of quality engineering and are manufactured to meet our own highly rigid specifications and will surpass all your expectations.***

## Use and Safety

**WHEEL LOCKS** - Engage both wheel locks before getting in or out of chair, leaning forward in chair, or while in an elevator or wheelchair lift. Proper adjustment of wheel lock is at least 1/8" when locked. Locks are engaged by pushing handle completely forward. Adjustments to locks are made by loosening or tightening nut on the carriage bolt. Embed lock shoe at least 1/8" by sliding clamp toward rear wheel while handle is engaged in locked position. Tighten nut and bolt to secure in position. Test for correct locking action before actual use.

**TIRES** - Solid rubber tires need minimal maintenance, but should be cleaned occasionally with a damp cloth. Replace if tires become severely worn or cracking appears.

**FRONT CASTERS** - Casters should be checked periodically and lubricated occasionally. Lubricate by removing fork and greasing caster stem bearings. Lubricate wheel bearings by removing wheel from fork. Reassemble fork and wheel by tightening nuts until no play remains, but wheels roll freely. If nut is too loose, caster will shimmy, if too tight, chair will be hard to steer.

**REMOVAL OF SWING-AWAY FOOT RESTS/LEG RESTS** - Release lock by pushing on the front rigging lever. Swing-away foot rest /leg rest out and sideways. Lift to remove.

**ADJUSTING LENGTH OF FOOTREST/LEG REST** - When adjusting length of foot rests or leg rests, user should be sitting in wheelchair with feet on the foot plates. Loosen bolt on the clamp around support assembly. Raise or lower foot plate to desired position that will provide maximum support of thighs. Front rigging should not be so low that it causes uncomfortable pressure to thighs at front of seat upholstery. Footrest should not be lower than 2-1/2" from the ground to ensure clearance.

**ADJUSTING/ELEVATING LEG REST** - Lift foot plate on leg rest assembly to desired position. Release leg rest assembly and it will automatically lock into place. To lower, push out on leg rest lever and lower foot plate to desired position.

**WHEELS** - Large rear wheels should be inspected at least once a month to ensure proper tightness. If wheel wobbles or is loose, release lock nut and tighten axle bolt slightly. Test for proper tightness by leaning chair to one side and spin adjusted wheel.

**GENERAL CARE** - Wipe chrome parts with a clean, soft cloth at least once a week. All metal parts can be cleaned with auto wax or similar products. If exposed to moisture, dry immediately. Do not use an abrasive cleanser that will scratch the finish.

**TO OPEN CHAIR** - Face the front of the chair, place hands on seat rails and push down and out, as the seat opens until level.

**TO CLOSE/FOLD CHAIR** - First fold foot plates to vertical position. Grab seat with both hands at front and back edge and lift. Or, tilt chair to one side and lift up on seat rail.

**REMOVABLE ARMS** - Remove arms by depressing spring button and lifting arms out of front and rear sockets.

## WARNING

Do not attempt to adjust or operate wheelchair without reading carefully all instructions in this manual.

This wheelchair has not been approved as a seat that can be used within vehicles of any kind. Always transfer wheelchair user to a vehicle manufacturers approved seat and use safety restraints available.

Do not operate this wheelchair on roadways, streets or any surfaces with vehicular traffic.

Do not attempt to operate on inclines 10% or greater without proper assistance.

Be sure to completely engage wheel locks when getting in and out of wheelchair or when in elevator or wheelchair lift.

Wheelchair should be on a smooth, stable and level area with wheel locks engaged before transferring user in or out of wheelchair.

Do not adjust foot rests any lower than 2-1/2" from floor.

When getting in or out of wheelchair, do not stand on or apply weight to foot rests.

Before reaching or leaning forward, rotate casters to front of the wheelchair engage wheel locks to help prevent wheelchair from tipping over.

Do not lean over or apply weight to the top of wheelchair back. This can cause wheelchair to tip over. When trying to extend arms over back, only reach as far as your arm can extend without having to alter your seating position.

DO NOT stand on wheelchair.

DO NOT use wheel locks to slow your descent down an incline.

Abruptly changing directions while going down an incline could cause instability or possible tipping over.