



Australian Centre for Agricultural Health and Safety

## Information Sheet 9

### Tractor Access: Seat Winch from Ground Level to Tractor Cabin.

Wayne Lewis, a Victorian farmer with a mid level spinal cord injury continues to operate his cattle, sheep and cropping enterprise with the use of modifications to his ute, machinery and house.



To access the tractor cabin, Wayne transfers into the seat affixed to the winch pole, he then winds the winch to the appropriate height and transfers to the trainee seat, then to the driver's seat. He swings the seat out of the way, secures the seat and closes the door.

Wayne made an additional hand rail and affixed it to the roof of the cabin above the door to assist him to transfer.



The tractor only needed modifications to the brake as it has a clutch on the gear lever and the steering column and therefore did not require modifications.

Wayne has used the same design principals on another of his tractors.



This tractor is a manual so Wayne has put a lever to pull down the clutch and brake with a locking mechanism to hold the clutch down. This enables him to change gears with the same arm as they are both on the same side of the tractor.

There are many advantages to this design and use of winches, for example others can still use the tractor steps and the winch is out of the way. Additionally this modification is low maintenance and easy to make and use.

**For more information contact:**

Australian Centre for Agricultural Health and Safety

University of Sydney

PO Box 256

Moree NSW 2400

Phone: 02 6752 8210

Fax: 02 6752 6639

Email: [aghealth@health.usyd.edu.au](mailto:aghealth@health.usyd.edu.au)