

TEXT AND DESCRIPTION FOR
ANNOUNCEMENT OF CHANGE
TO DRIVE INHIBIT BY MAGNETIC
SENSOR WHEN IN FREE-WHEEL
MODE

Enable joy of life

NETTI MOBILE

TEXT AND DESCRIPTION FOR ANNOUNCEMENT OF CHANGE TO DRIVE INHIBIT BY MAGNETIC SENSOR WHEN IN FREE-WHEEL MODE

REPLACEMENT OF MOTORS
IS ONLY TO BE PERFORMED BY
AUTHORISED TECHNICIAN.

BACKGROUND

To enable Netti Mobiles to be moved manually when the power is turned off, a free-wheel lever to disengage the park brakes is installed.

For safety reasons we need to prevent the Netti Mobile from being driven with the joystick when it is in free-wheel mode.

HOW WE USED TO INHIBIT DRIVING WHEN IN FREEWHEEL MODE

Like many of our competitors, on older Netti Mobiles this was done by using a switch at the back of each motor to create a fault in the park brake circuit; this prevented driving.

However this affected our quality:

In a few cases the switch could be triggered accidentally by vibration which caused a few chairs to stop without warning when driving over uneven surfaces.

This is the reason for upgrading the system with a better technology.



HOW WE INHIBIT DRIVING WHEN IN FREE-WHEEL MODE NOW

From serial number 601-001286 we changed to mounting a high quality magnetic sensor at the free-wheel lever. It is connected directly to the power module drive inhibit input.

The magnetic sensor prevents the wheel-chair from being electrically driven when in freewheel mode.

The advantages are:

Improved reliability: there is no switch to trigger, drive inhibit is done entirely electronically.

ASSOCIATED CHANGES

PROGRAMMING:

Netti Mobiles with magnetic sensors must use V1.2 configuration programs or higher, otherwise driving would be allowed when in free-wheel mode.

MOTORS:

New motors without park brake switches must not be fitted to older Netti Mobiles unless the chair is also up-graded to use a magnetic sensor to inhibit driving when in free-wheel mode

IN DIALOGUE WE CREATE
SIMPLE SOLUTIONS AND
ENABLE JOY OF LIFE



This product conforms to
93/42/EEC for medical products.

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