

Standard and Optional Features

# Reporoa Herdflow® High Lift Gate Retro Drive System Upgrade



**REPOROA  
HERDFLOW™**  
**Backing Gates**  
[www.HERDFLOW.com](http://www.HERDFLOW.com)

## Retro Upgrade - Introduction

Reporoa Engineering has developed a package to improve the performance and prolong the life of pre 2014 Reporoa High Lift Gates. The package involves replacing the existing channel with an "I" beam and replacing the existing drive beams with new ones. The new drive system drives on top of the "I" beam by way of a fully supported (bearings on each side of the drive wheel) drive wheel and is locked on by way of 4 locator wheels running on each side of the "I" beam. This upgrade eliminates derailing and crabbing and improves traction. If additional features (yard wash, 4WD) not present in the existing gate are required, an electrical upgrade may also be necessary.

## Retro Upgrade - Standard Features

Anti De-Rail Design	Drives on top of "I" beam and clamped on with front and back side mounted idler wheels when "I" beam used.	Included in price
New Drive Beams	Change over existing drive beams to new drive beams to run on "I" beam, 2 new gearboxes, 2 new electric motors, all installed.	Included in price
Same Controls	Existing Corkill control system remains.	Included in price

## Retro Upgrade - Optional Features

Electrical Upgrade	4WD option, includes all proximity sensors and all electronic options, pulse forward, breach sensor, pull cord, dual controls, wash and 2 speed forward and reverse.	POA
Electrical Upgrade	2WD option as above.	POA
4WD Drive	Motors, gearboxes, mountings and physical install.	POA
Yard Wash	Booms and mounting brackets <10mtrs to 14mtrs.	POA
Blade Saver	Lifts and lowers booms manually.	POA
Pull Cord	Pulse Forward, excludes electrical install.	POA
Dual Controls	Second button set at cups off.	POA

### Farmers Responsibility:

- » Supply a front end loader at time of installation.
- » Local electrical installation:
  - » Standard Upgrade - POA
  - » Optional Upgrade - POA
- » Any other remedial work on backing gate or yard.
- » Any other work or possible replacement of catenary cable.

For more information contact your local REPEROA HERDFLOW  
Agent or call 0508 HERDFLOW (0508 437 335 )

Visit our website [www.herdflow.com](http://www.herdflow.com)

**Phone: 0508 HERDFLOW ~ [www.HERDFLOW.com](http://www.HERDFLOW.com)**

### Retro-fit Upgrade Important Measurements

Please complete all areas, supply 4 - 8 photos of your existing gate (front, back & each side) and return with deposit and signed contract to enable your gate to be put into our manufacture queue.

**Please ensure you have read Yard Requirements & Information Sheet prior to completing this form**

<b>2WD Or 4WD</b>	
Yard Size - <b>Width</b> Measure centre of yard post to centre of yard posts on opposite side of yard.	
Yard Size - <b>Length</b>	
Height Of Posts – <b>Right</b> <b>Height from concrete yard to <u>top of posts</u></b>	
Height Of Posts – <b>Left</b> <b>Height from concrete yard to <u>top of posts</u></b>	
Size of Main Beams (i.e 200 x 100 RHS etc)	
Inside measurement of Centre Beam – see picture on next page.	
Height of underside of Main Beam to the concrete pad close to the Drive Beams – see picture on next page.	
Electrical Side – Looking yard entry towards shed Right Hand Side = <b>RHS</b> Left Hand Side = <b>LHS</b>	
Dungbuster Option: <b><u>IF YES</u></b> Wash direction yard slopes down: Forward – Towards the cow shed = <b>FWD</b> Reverse – Away from cow shed = <b>REV</b>	<b>YES          or          NO</b>

Gate Required By:.....

Name: .....

Phone No: .....

Date: \_\_\_\_\_ Signed \_\_\_\_\_



① INSIDE BEAM

