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Bulletin Number	DD00001	Date:01/01/12	30/03/16

Bulletin For:	Replacement Wheel Encoder		
Taege Machinery Application	All Taege Trailing Seed Drills with wheel encoder fitted.		
Description	Waterproof electronic encoder used to replace existing wheel encoders. It provides the pulses used to determine ground speed etc for Taege electronic seed drills.		
Part Number:	**DD0003.000**	**Price:**	

FITTING INSTRUCTIONS

1.Remove the cover plate from the wheel axle assembly. Holding the nylon drive rod with a screwdriver undo the locating locknut on the wheel hub cover. Using the screwdriver screw the driver rod through the wheel hub cover. This action should force the damaged encoder from its located position. .Attach a string or wire to the damaged wheel encoder wires after removing the black plug. Use a pin or small screwdriver and withdraw each pin notong the order in which the pins are placed. Draw the encoder wires from the axle housing.

2. Attach replacement encoder wires to the draw wire, draw the wires to the motor housing.
Assemble the drive rod to the new encoder and feed onto the rear of the axle housing and with the screwdriver thread the driver rod into wheel hub cover.
Put RTV around the new encoder mounting boss making sure that no RTV contacts between the encoder and shaft.
Continue adjusting the driver rod until the encoder fits into its recess.
No force should be used during this proceedure.
Drill a locating hole the axle end and peg the encoder.

3. Wiring
BROWN = +vdc
Blue = -vdc
GREEN = clockwise
White = anticlockwise
Orange/White and shield not used

4. Connection
Using the green plug supplied connect to the green wheel plug position on th I/o board
BLUE = outside position -vdc (5vdc - 15vdc)
Green/White in center, depends on rotation
BROWN = inside position +vdc (5vdc - 15vdc)

IMPORTANT

5. Wheel Distance Pulses. When fitted to RC300L Ver 2.*** controllers
The new encoder counts 1024 per revolution not 1000. Change the computer configuration setting by dividing by 1000 and multiply by 1024.
(e.g. 42800 becomes 43827)

FOOTNOTE

RH wheel is green = clockwise
LH wheel is white + anticlockwise

IMAGES