HYDRAULIC FOLD/TILT KIT (for Goldline spray booms)
(Instruction Leaflet Pt.No.2400-0853 Issue 3, Dated 01 December 2010)

DESCRIPTION
The C-Dax Hydraulic Fold/Tilt Kit is an accessory kit for the GoldLine range of 8m, 10m, and 12m spray booms.

The Hydraulic Fold/Tilt kit allows operators to quickly and easily tilt/fold each arm of the spray boom independently to suit the required height for spraying, or into the travel position from the operator’s seat using the vehicle’s hydraulic system. The hydraulic fold/tilt kit consists of two hydraulic rams with pins and four hydraulic hoses with fittings to connect to the auxiliary ports on the tractor.

SPECIFICATIONS
Hydraulic Ram: 2” Double acting type
Hydraulic hoses: ¼” x 2 wire
Pins: Zinc plated steel
Boom range: 8m, 10m, 12m GoldLine range only

ORDER INFORMATION
Pt. No. 1056 Hydraulic tilt/fold kit (requires standard GoldLine boom)

INSTALLATION
(If not factory fitted)
Unpack the unit and ready the components for installation, the following components are included in the kit:

- Hydraulic ram-standard type (1) 7000-1100
- Hydraulic ram-swivel type (1) 7000-1000
- Hydraulic hoses with couplings (4) 4095-1000
- Ram mount pins (4) 6100-2940 x 3, 6100-2960 x 1
- Flat washers (4) 3310-6020
- Split pins (4) 3220-0425
- Break-away lock kit (1) NA

Unfold spray boom into normal spraying position.
- Each hydraulic ram has different ends, one ram has straight fixed ends - this ram is attached to the left hand boom arm (when viewed from rear of sprayer facing forward).
- The other ram has swivel ends to allow for the folding of the boom on an angle, this is attached to the right hand boom arm.
Fit the fixed end of the ram to the centre section of the boom, and the extending spear end of the ram to the outer breakaway section of the boom.

**CAUTION**
If a boom suspension frame or lifting mast is already fitted, or being fitted at the same time, it is important to route the hydraulic hoses away from any position where the hoses could get pinched or stretched by the suspension frame or the lift mast. Under certain conditions it may be necessary to extend the length of the hoses.

**Mount the break-away lock brackets**

**Description**
The C-Dax breakaway locks are designed to prevent inadvertent breakaway of the Goldline booms caused by hydraulically raising/lowering the boom over bumpy terrain.

**INSTALLATION**
On the underside of each inner boom section you will find two drainholes as shown in the picture below.

![Left hand inner boom section](image)

Drill through these drainholes right through to the other side using a 7mm drillbit. Mount the left breakaway lock on the top of the left inner boom section using the supplied nuts and bolts like that shown in the picture below. Do the same for the right hand side.
**OPERATION**
As the boom is lifted, gravity sends the arm of the breakaway lock into position between the breakaway and the inner boom section. This prevents accidental break away when the boom is raised but allows breakaway under normal breakaway conditions.

Connect the hydraulic hoses to the auxiliary hydraulic ports on the tractor.

**WARNING**
To prevent damage to the boom, or accident or injury to personnel or property, **DO NOT** remove the hydraulic restrictors fitted between the hydraulic ram and the hoses. Note: on newer booms the restrictors are integrated into the ram.

**OPERATION**
Using the tractor’s hydraulic system, simply lower and raise each side of the boom as necessary.

**CAUTION**
Use slowest hydraulic speed possible, this will increase the life of the boom.