

# HS500 SPREADER ASSEMBLY

7/2011

Photos and basics of procedure supplied by Tasmania Farm Equipment.

1. Fit hopper bush first.

Use the stack of hoppers to put the bush into each as you assemble each unit.  
(Last hopper needs a separate support to do this.)



2. Fit rate and direction control plates next.

(Hopper centre single mounting hole is at front of photo).

**Note: Orientation and position of plates is important.**



3. Install washer and circlip.



4. Install the larger roll pin into the spinner disc ready to knock into gearbox spindle.

Mount the gearbox to the frame and position the spinner disc onto the gearbox spindle.



5. Secure the spinner disc onto the gearbox spindle.

Align and knock in the larger roll pin first then install the thinner one after the first is home.



6. Mount the control arm position pin to the front plate.



7. Mount the control arm plate to the frame.  
**(Secure until finger tight only).**



8. Mount the hopper support arms to the frame.  
**(Secure until finger tight only).**



9. Position hopper onto gearbox spindle.

Install the front centre mounting bolt and large flat washer through hopper into frame and fit flat washer and anti-shake washer and nut.  
**(Secure until finger tight only).**



10. Mount the side support arms with hopper spreader bar in place with bolt flat washers and anti-shake washers.  
**(Secure until finger tight only).**



11. Tighten the support arm bolts to the frame.

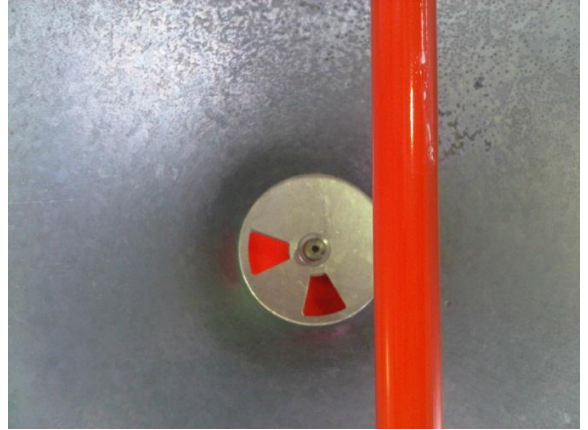


12. Then tighten the support arm bolts onto the hopper.



13. **Observe / check that the orientation of the gearbox spindle to be central to the bush** and gradually tighten the front centre mounting bolt keeping the orientation central as you go (this may necessitate leaning on the top of the hopper in a particular point as you tighten the nut).

Finally check that the spinner disc rotates freely and is not loaded.



14. Fit remaining components; rate adjustment lever, control rods etc.

Check all fasteners are tight.

Fit remaining decals.