



## 18.8 Setting tramline to gauge of husbandry tractor

Tramlines and tracks into which no seed is released. The distance between the tracks is equivalent to the width of the husbandry tractor. On delivery of the seed drill, the seed metering wheel tramline switching mechanism is set to the wheel mark spacing of your husbandry tractor. If it becomes necessary, due to purchasing a new husbandry tractor, to adjust the seed metering wheel tramline switching mechanism to the track of the new husbandry tractor, proceed as follows:

- The swivel bearings (Fig. 18.23/1) of the lay shaft (Fig. 18.23/2) are sprung pivoted. Remove the tension springs (Fig. 18.23/3) and fold down the lay shaft (Fig. 18.24/1). At the same time, a bracket (Fig. 18.24/2) that secures the lay shaft in an axial position extracts from the recess of a seed housing.

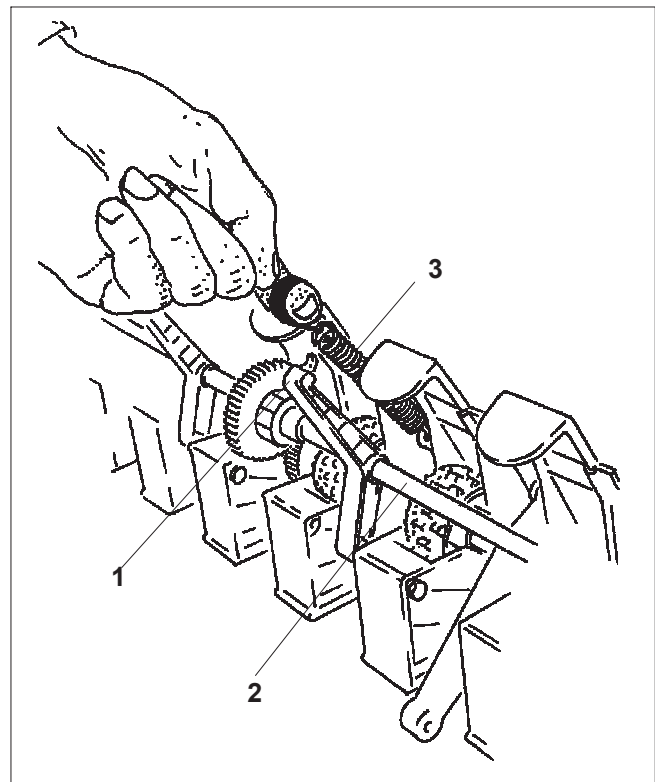


Fig. 18.23

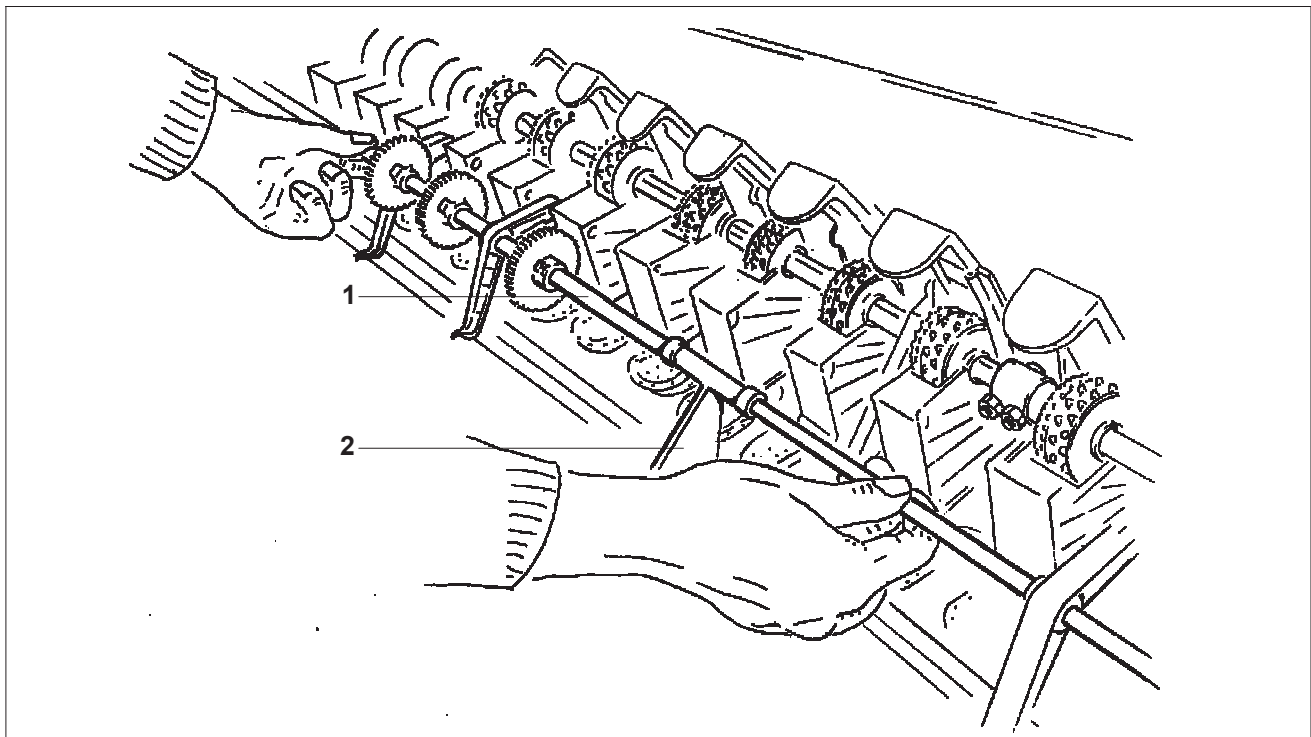


Fig. 18.24



- Mark the new tramline seeding wheels (Fig. 18.25/1) by pushing the fine seeding metering wheel brushes (Fig. 18.25/2) onto the new tramline seed housing. To create a tramline, up to three and in exceptional cases up to 4 or 5 seeding wheels are switched off.



**Seed drill with switching 2 should only be equipped with tramline seeding wheels on their right-hand side. The distance between the tramline seeding wheels, measured from the right, outer side of the machine or implement, is half a husbandry tractor track width.**



**Seed drill with switching 6 plus should only be equipped with tramline seeding wheels on their left-hand side. The distance between the tramline seeding wheels, measured from the left, outer side of the machine or implement, is half a husbandry tractor track width.**

- The seeding wheels driven by the seed drill shaft (Fig. 18.26) are fastened to the seed drill shaft by threaded pins, which are inserted into the fine seeding metering wheels. Release threaded pins of the new tramline seeding wheels (see Fig. 18.26), until the new tramline seeding wheel rotates freely on the seed shaft.

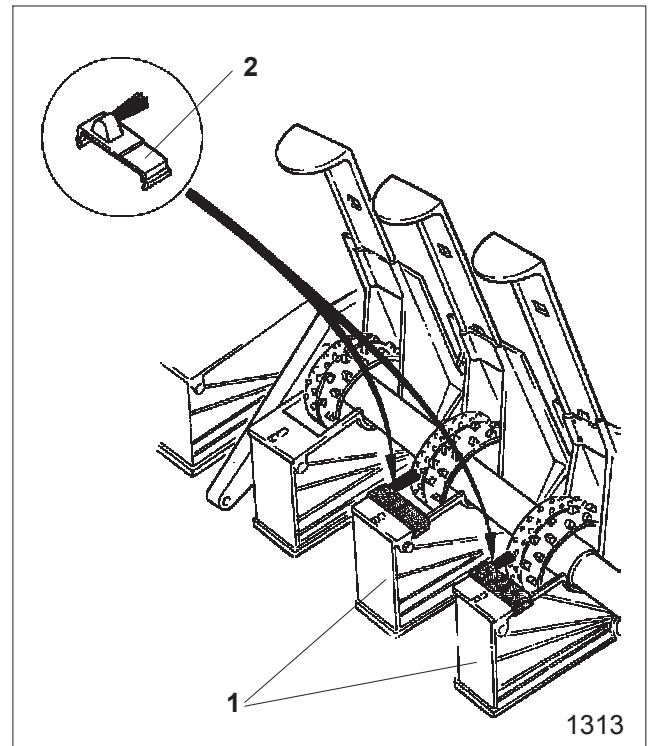


Fig. 18.25

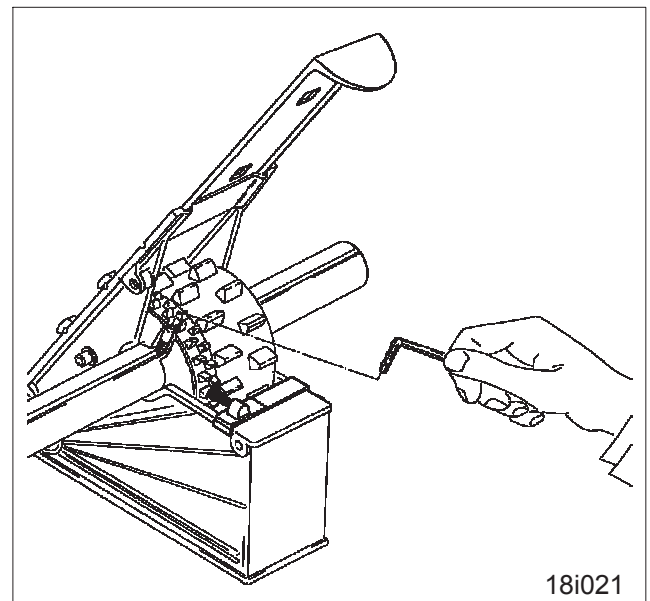


Fig. 18.26



- Unscrew the swivel bearings (Fig. 18.27/2) fastened to the old tramline seed housing using a hexagon bolt (Fig. 18.27/1).
- Detach the lay shaft (Fig. 18.27/3) and push onto the lay shaft.
- Fit swivel bearing (Fig. 18.27/2) on the new tramline seed housing.
- Fit old tramline seeding wheels (Fig. 18.28) onto the seeding shaft. The threaded pin must be pushed into the fine seeding metering wheel until the seeding wheel is taken up by the shaft with slight play. If the threaded pins are too tight, the seeding wheel will twist.
- Fold up the lay shaft (Fig. 18.29/1). At the same time, a bracket (Fig. 18.29/2) that secures the lay shaft in an axial position is to be pushed into the recess of a seed housing. Secure bracket using set collars (Fig. 18.29/3).

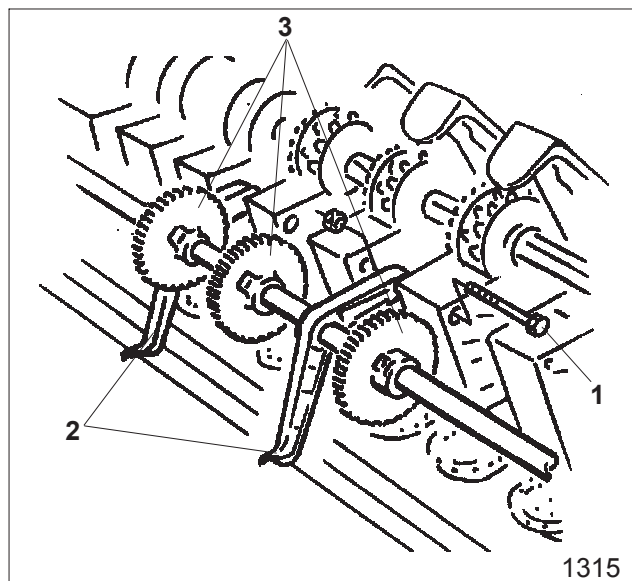


Fig. 18.27

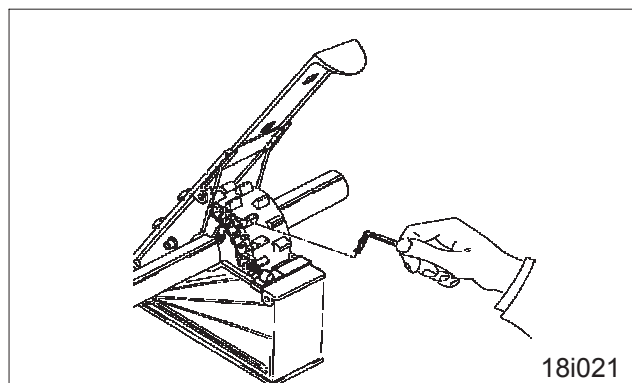


Fig. 18.28

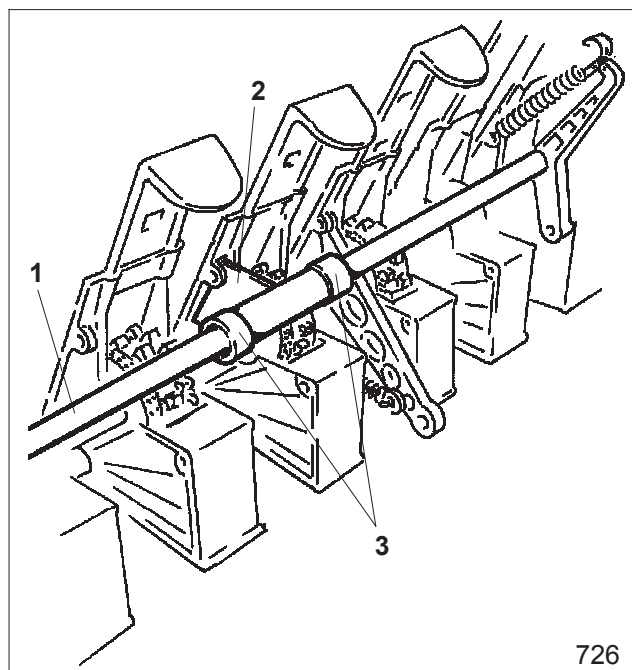


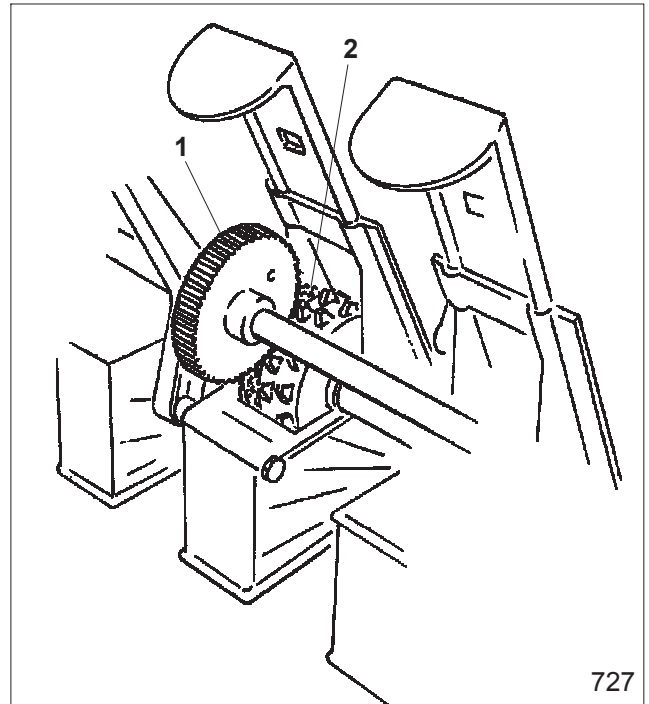
Fig. 18.29



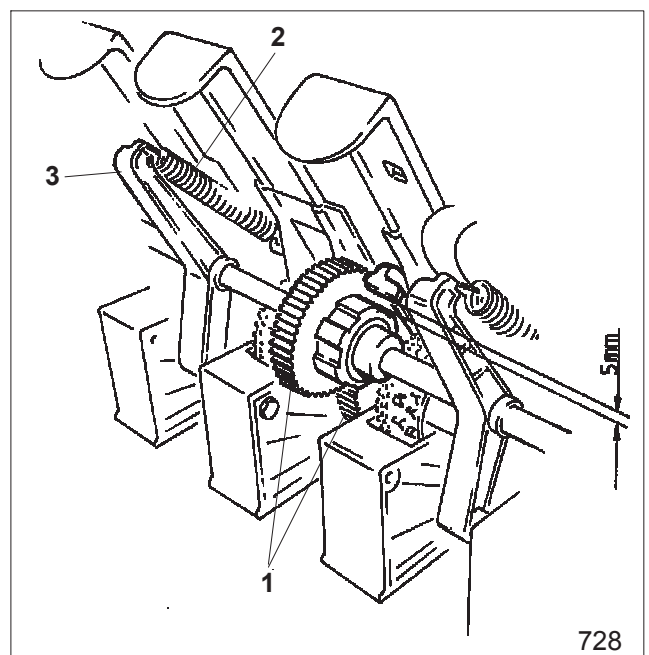
- Engage the teeth of the lay shaft (Fig. 18.30/1) and the tramline fine seeding metering wheels (Fig. 18.30/2). Fit lay shaft onto lay shaft.
- Engage the teeth (Fig. 18.31/1) of the lay shaft and the seed shaft.
- Hook tension springs (Fig. 18.31/2) on the swivel bearings (Fig. 18.31/3).
- Check seeding wheel tramline control mechanism for correct function (see above).



**If your seed drill is fitted with a track marker, adjust the track discs accordingly.**



**Fig. 18.30**



**Fig. 18.31**