

Optional Extras, Changes

13 Optional extras, changes, certifications for wheel loader

13.1 Optional extras

13.1.1 Description (Chapter 4)

13.1.1.1 Pipe Burst Protection

A pipe burst protection valve is fitted at the ground side of lifting and tilting cylinders. In case of rod or pipe burst in the lifting or lifting/tilting subsystem, any movement of the loader arm or tilting mechanism is interrupted until the problem is solved.



ATTENTION

Activating loader arm cushioning disables the pipe burst protection mechanism.

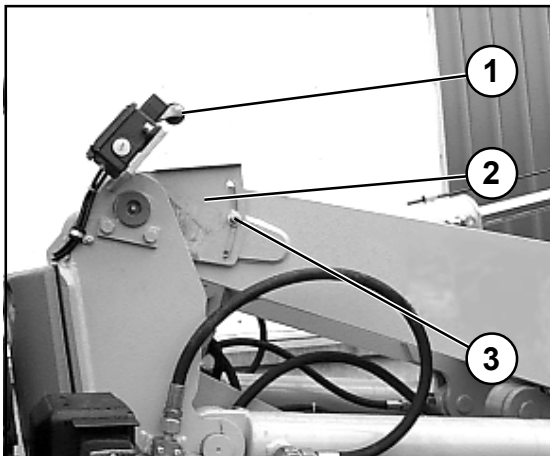


Fig. 13-1

13.1.1.2 Lift Limiter

A device mounted at the joint between the bucket assembly and the swivel assembly allows you to limit the maximum lifting height.

Setup:

- (1) Lift the loader arm to the required height.
- (2) Switch off the engine and close the stop valves for main and auxiliary hydraulics (1-2/arrows).
- (3) Loosen the hexagonal bolts (SW 10) (13-1/3) on the gear gate assembly and rotate the gate (13-1/2) against the roller gage (13-1/1) until you hear the gate shift.
- (4) Re-tighten the hexagonal bolts on the gear gate assembly.



DANGER

Perform a functional check before starting a job that requires the lift limiter, and while working perform a visual check while seated in the driver's seat.

13.1.1.3 Service Interval Display (4-8/30)

The service interval display lights up :

initially after	50 hours
then every	500 hours

13.2 Changes