

## Stabilising damper Self steering axles for INTRA Suspension units

**SAF Part-No. 2 376 1009 01** (fully exchangeable to stabilising damper SAF Part-No. 2 376 1009 00)

SAF has modified the stabilising damper to simplify the installation.

Observe that the small end (A) of the damper must be angled down fitted.

The previous installation marks (red point, ring mark) are no longer in use on the new stabilising damper.

### Note:

The damper is set at factory at the proper length for the wheels to be in the straight ahead position. The stabilising damper must be installed as it is received.

### Installation:

Adjust air suspension to specified ride height.

Self steering axle wheels must be aligned to the straight ahead position, inspect wheel alignment, readjust if required.

The back up locking pin (3) must be inserted to the locking plate, readjust locking plate via clamps (4) if necessary to ensure locking pin is correctly inserted.

Loosen the movable stabilising damper bracket (1) on the track rod.

Mount stabilising damper to the fixed bracket (2), do not yet tighten the bolt (5) M24.

Adjust the movable bracket (1) to fit the bolt (6) easily on the other end of the stabilising damper.

Tighten the bolts using a torque wrench:

- a) Mounting bracket bolts (1+4) M12 (spanner size 19 mm) to 90 Nm
- b) Damper attaching bolts (5+6) M24 (spanner size 36 mm) to 660 Nm

Lubricate the knuckle pin bushings.

Test drive the vehicle to ensure proper installation and function of the stabilising damper. Check after driving around curves that the wheels of the self steering axle are returning to the straight ahead position without delay. Check air suspension for correct ride height (knuckle pins must be in vertical position). Consult trailer manufacturer if required.

