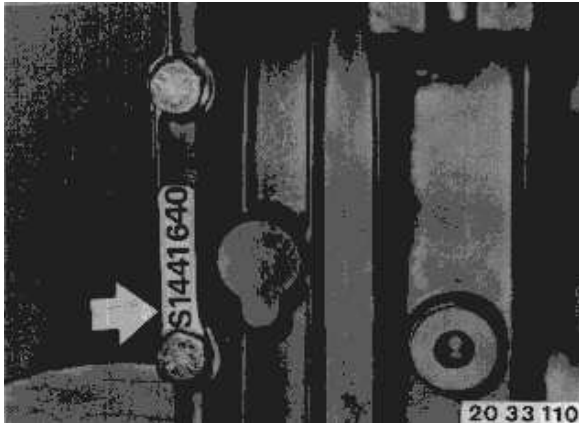


The limited-slip differential is designated on the housing or on the type plate with an "S".



A limited-slip differential has the following advantages:

- a) Wheel slip when leaving the ground while driving over uneven ground is prevented.
- b) With varying levels of traction / grip, wheel slip is prevented when setting off.
- c) When cornering at high speed, the nearside wheel does not spin.
- d) The wheels do not spin on wet surfaces and at high roadspeeds.
- e) The risk of slipping at high speed on variable road surfaces is reduced substantially.

Function check while installed:

- a) Flat workshop floor.
- b) Drive left wheel of vehicle onto special tool 33 1 450.
- c) Fully release handbrake.
- d) Engage 1st gear and run engine up to speed.
- e) The limited-slip differential is functioning correctly if the vehicle can be driven off the special tool 33 1 450.

Caution!

Slowly drive out of the fixture.

