



CHANGES ON THE BRAKE SHOE IN S-CAM BRAKES

Change: O-Rings have been added to the S-Cam brake shoes to seal in the lubricant and to seal out dirt and moisture. The outer surfaces of the bearing bushings are now steel covered and the inner surfaces have grease cavities in them.

Identify: Space for the o-rings in the anchor pin side of the brake shoe. The part number of the complete axle will remain the same as before.

Date of change: Axles have been equipped with the new brake shoes from September 1999 (210 mm wide from serial No. 93016) and October 1999 (180mm wide from serial No. 93253 and 150mm wide from serial No. 93279).

Interchangeability: The new brake shoes are totally interchangeable with the earlier design without the space for the o-rings (from February 1997). The new design is now similar than the brake shoe design before February 1997.

Maintenance instructions: Use Molycote Cu 7439 or equivalent lubricant. The lubrication is to be done as follows:
Spread lubricant on the anchor pin and the bearing surfaces of the brake shoes. Also, fill the space between bearing bushings with the same lubricant.

Changed parts:

Old Part Number	Description	New Part Number
546-306-0115	Brake shoe assembly, 150 X 410	146-306-0015
546-306-0116	Brake shoe assembly, 150 X 410	146-306-0016
546-306-0145	Brake shoe assembly, 180 X 410	146-306-0045
546-306-0146	Brake shoe assembly, 180 X 410	146-306-0046
546-306-0175	Brake shoe assembly, 210 X 410	146-306-0075
546-306-0176	Brake shoe assembly, 210 X 410	146-306-0076
546-351-4500	Brake shoe, 150 X 410	146-351-4200
546-351-4300	Brake shoe, 180 X 410	146-351-4000
546-351-4400	Brake shoe, 210 X 410	146-351-4100
090-313-2090	Bearing bushing	590-313-2091
--	O-ring	91106-36212

NOTE. The old replacement parts for the brakes are no longer available.