



## Reference times for warranty tasks

Axles:

Disc DOKTX1 09010 4345H1 | GAKTX1 09010 4218 F

	No.	Component	Work step	Reference	Upstream tasks	Work time, complete
				[min]		[min]
General	1	Vehicle	Set-up time, complete	30		
	2	Wheel	Dismounting and	10		
	3	Air gap, brake	Checking and adjusting	6	2	16
	4	EBS/ ABS brake system	Reading out the error	30		
Disc	5	Brake calliper, 1 pc.	Overall check	7	2.8	29
	6	ABS wheel sensor	Removing and installing	4		
	7	Diaphragm brake cylinder	Removing and installing	15	2	25
	8	Brake lining	Removing and installing	12	2.3	28
	9	Brake calliper	Removing and installing	25	2,3,7,8	68
	10	Wheel flange, complete	Removing and installing	12	2,3,7,8,9	80
	11	Brake disc	Removing and installing	25	2,3,7,9,10	93
	12	Wheel bearing unit	Removing and installing	20	2,3,6,7,8,9,10	104
	13	Wheel studs per wheel	Removing and installing	20	2	30
	14	Thrust piece with bellows and inner seal	Removing, installing and	25	2,3,8	53
	15	Guide bushing (floating bearing, DU	Removing and installing	15	2,3,7,8,9	83
	16	Thrust bearing guide bushing	Removing and installing	20	2,3,7,8,9	88
	17	Bellows, inner	Removing and installing	9	2,3,7,8,9	77
Drum	5	Brake cylinder	Removing and installing	15		
	6	Hub unit with brake drum	Removing and installing	10	2	20
	7	Brake drum	Removing and installing	6	2.6	20
	8	Brake shoes	Removing and installing	4	2,6,7	24
	9	Outer, inner wheel bearing, seal	Removing and installing	20	6	30
	10	Slack adjuster	Removing and installing	10		
	11	S camshaft, camshaft bearing, camshaft bushing	Removing and installing	20	6,7,8,10	46
	12	Dust cover	Removing and installing	8		
General	18	Toe measurement, 2 axles, complete		65		
	19	Toe measurement, 3 axles, complete		80		
	20	Axle, complete incl. toe	Removing and installing	195		
	21	Air bellows (1 pc.)	Removing and installing	20		
	22	Shock absorber (1 pc.)	Removing and installing	15		
	23	Spring (1 pc.), incl. secondary tasks, without	Removing and installing	95	21, 22, 24	
	24	Clamp plate and U-bolt, 1 side, without secondary tasks	Removing and installing	50		
	25	Air suspension bracket with support incl. all secondary tasks	Removing and installing	195	22	
	27	Axle lift	Removing and installing	20		

All time specifications are in minutes.

The times specified in the Work time column refer to one wheel side without set-up time.