

WILLIAM  
**BRADSHAW**  
RAIL WHEEL BRAKING TORQUE TEST

82

Date:	10/5/23	Machine:	CAGE 988
Owner:	WM BRADSHAW	Serial No:	231295
POV No:	99709 940596-8	Fleet No:	82
Location:	ELLSMERE PORT	Hours:	6435

Inspection Point	Inspection Limits
Brake Pad Wear	Minimum 2mm
Brake Pad Damage	None Allowed
Contamination	None Allowed
Brake Pad Adjustment	1mm
Floating Pins	Clean and lubricate with graphite grease
Hydraulic Hoses/Fitting	Check for damage/leaks
Brake Disc Protection	Check for damage/security
Brake Discs	Check for damage/security
Fixing/Fasteners	Check for damage/security
Torque Limits	See back of sheet for minimum limits

For AJH brake systems, refer to AJH097 for torque test requirements.  
For machines not converted by AJH or where OEM torque test figures are not available, the following should be used:

AJH 097

**Park Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{20}$**

Minimum park brake required: 1350 Nm

**Service Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{10}$**

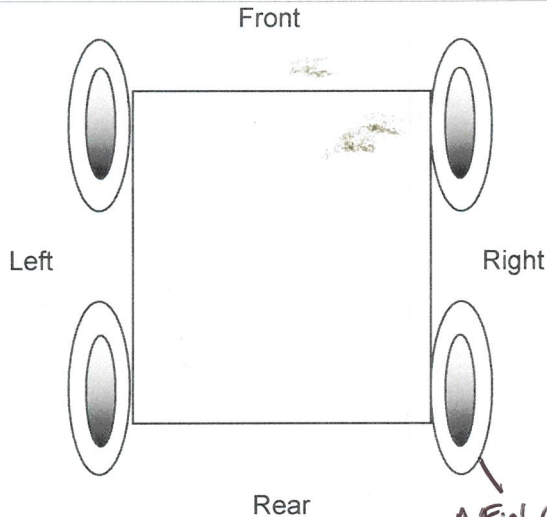
Minimum service brake required 1994 Nm

**Equipment to be used:**

Torque Wrench

ID No. 424856 Cal Exp Date: 10/8/23

Park Brake 1800 Nm  
 Service Brake 2100 Nm  
 Pass/Fail  Pass



Park Brake 1850 Nm  
 Service Brake 2150 Nm  
 Pass/Fail  Pass

Park Brake 1900 Nm  
 Service Brake 2100 Nm  
 Pass/Fail  Pass

Park Brake 1860 Nm  
 Service Brake 2200 m  
 Pass/Fail  Pass

As the engineer responsible for executing this testing, I confirm that I am independent from the design, manufacture, construction, marketing and maintenance of the machine under test. I confirm that I have used calibrated equipment and had the relevant training. Prevailing weather conditions did not affect the outcome of this test.

Engineer: LUKE ROSSON

Signed:

As a Manager of William Bradshaw Ltd I confirm that this inspection/test was executed by a suitably qualified service engineer.

Manager: S. BRADSHAW

Signed:

NOTE:- 1st TEST FAILURE  
REPLACED CALIPPER

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