

**WILLIAM  
BRADSHAW**  
**RAIL WHEEL BRAKING TORQUE TEST**

Date:	24/01/2023	Machine:	CASE 988
Owner:	BRADSHAW	Serial No:	2265
POV No:	99709 940608-1	Fleet No:	36
Location:	YARD	Hours:	6498

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:

**Park Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{20}$**       Minimum Park brake required: 1994 Nm

**Service Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{10}$**       Minimum Service brake required: 1350 Nm

**Equipment to be used:**

Torque Wrench      ID No.1220105040      Cal Exp Date: 10/08/2023

Park Brake: 2150 Nm  Service Brake: 2450 Nm  Pass/Fail: PASS		Park Brake: 2100 Nm  Service Brake: 2150 Nm  Pass/Fail: PASS
Park Brake: 2200 Nm  Service Brake: 2300 Nm  Pass/Fail: PASS		Park Brake: 2150 Nm  Service Brake: 2350 Nm  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: B. FELL	Signed:
As a Manager of William Bradshaw Ltd I confirm that this inspection/test was executed by a suitably qualified service engineer.	
Manager:	Signed:

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