

**WILLIAM
BRADSHAW**
RAIL WHEEL BRAKING TORQUE TEST

MACHINE NO. 12, 24, 35, 83 MUST BE TRACK TESTED AND FORM WBP-MBT 01 USED.

Date:	3/6/25	Machine:	CASE 988
Owner:	BRADSHAW	Serial No:	0232332
POV No:		Fleet No:	8
Location:	E/PORT	Hours:	6115

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: ~~1225~~ Nm **490**

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

Minimum service brake required: **2450** Mm **245**

Equipment to be used:

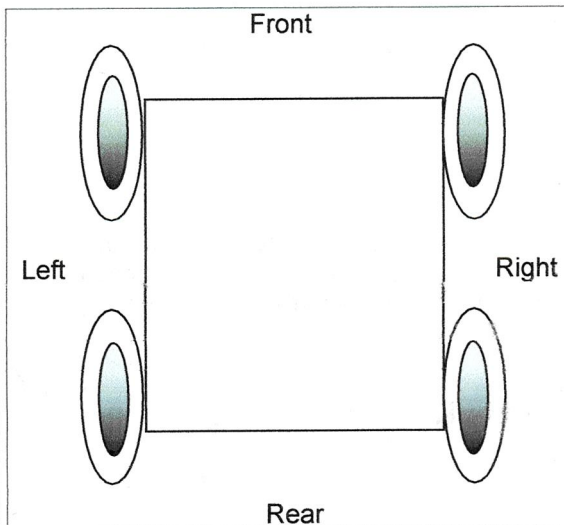
Torque Wrench

ID No. 2010278558 Cal Exp Date: 21/10/25

Park Brake 490...Nm

Service Brake 245...Nm

Pass/Fail



Park Brake 490...Nm

Service Brake 245...Nm

Pass/Fail

Park Brake 490...Nm

Service Brake 245...Nm

Pass/Fail

Park Brake 490...Nm

Service Brake 245...Nm

Pass/Fail

PARKBRAKE PRESSURE TEST

HYDRAULIC SERVICE/PARK BRAKE PRESSURE						
Ref: MAINTENANC PLAN				ZM 50004948		
PARK 60 BAR		SERVICE 0 – 60 BAR				
PARK BRAKE ON	0	BAR	PASS	✓	FAIL	
PARK BRAKE OFF	60	BAR	PASS	✓	FAIL	
SERVICE BRAKE ON	60	BAR	PASS	✓	FAIL	
SERVICE BRAKE OFF	0	BAR	PASS	✓	FAIL	

AIR SERVICE/PARK BRAKE PRESSURE (8BAR+ - 0.5)						
Ref: MAINTENANC PLAN						
PARK BRAKE ON	0	BAR	PASS	✓	FAIL	
PARK BRAKE OFF	8	BAR	PASS	✓	FAIL	
SERVICE BRAKE ON	8	BAR	PASS	✓	FAIL	
SERVICE BRAKE OFF	0	BAR	PASS	✓	FAIL	

ADJUSTMENT OR REPAIR DETAILS

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: K. ANDRES	Signed: <i>K. Andres</i>
As a Manager of William Bradshaw Ltd I confirm that this inspection/test was executed by a suitably qualified service engineer.	
Manager:	Signed: