

**WILLIAM  
BRADSHAW**  
RAIL WHEEL BRAKING TORQUE TEST

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

Date:	15/10/25	Machine:	CASE 988
Owner:	BRADSHAW'S.	Serial No:	CEG 0232265.
POV No:		Fleet No:	36
Location:	E/PORT.	Hours:	7876.

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: 1350 Nm

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

Minimum service brake required: 2345 Nm

**Equipment to be used:**

Torque Wrench

ID No. 210/278558. Cal Exp Date: 21/10/25.

TEST TO		TEST TO	
Park Brake ..1500...Nm		Park Brake ..1500...Nm	
Service Brake...2500...Nm		Service Brake...2500...Nm	
Pass/Fail ...PASS...		Pass/Fail ...PASS...	
Park Brake ..1500...Nm		Park Brake ..1500...Nm	
Service Brake...2500...Nm		Service Brake...2500...Nm	
Pass/Fail ...PASS...		Pass/Fail ...PASS...	

**PARKBRAKE PRESSURE TEST**

HYDRAULIC SERVICE/PARK BRAKE PRESSURE						
Ref: MAINTENANC PLAN				ASH 038		
<b>PARK 60 BAR</b>		<b>SERVICE 0 – 60 BAR</b>				
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				ASH 038		
PARK BRAKE ON	0	BAR	PASS	✓	FAIL	
PARK BRAKE OFF	6	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: <u>S. WATERS</u>	Signed: <u>[Signature]</u>
As a Manager of William Bradshaw Ltd I confirm that this inspection/test was executed by a suitably qualified service engineer.	
Manager: <u>[Signature]</u>	Signed: <u>[Signature]</u>