

WILLIAM
BRADSHAW
RAIL WHEEL BRAKING TORQUE TEST

Date:	15/06/22	Machine:	DOOSAN DX170
Owner:	BRADSHAW	Serial No:	5135
POV No:	99709 9A0738-6	Fleet No:	74
Location:	ELLESMERE PORT	Hours:	4013

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:

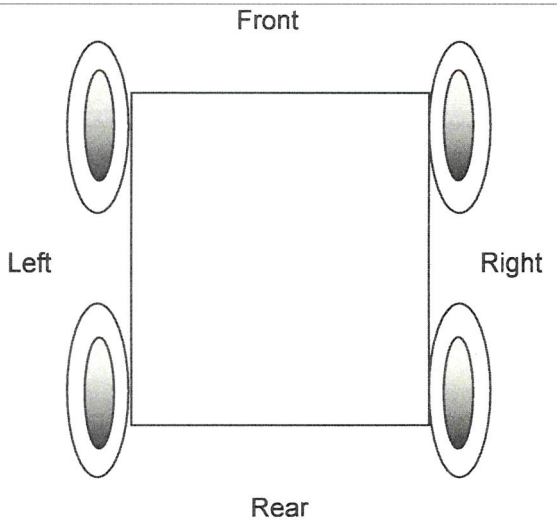
Park Brake (Nm) = $\frac{\text{Machine Weight (Kg)}}{20}$ Minimum park brake required: 1532 Nm

Service Brake (Nm) = $\frac{\text{Machine Weight (Kg)}}{10}$ Minimum service brake required: 3063 Nm

Equipment to be used:

Torque Wrench ID No. 122010504 Cal Exp Date: 08/22

Park Brake 3200.....Nm
Service Brake 3300.....Nm
Pass/Fail PASS.....



Park Brake 3300.....Nm
Service Brake 3150.....Nm
Pass/Fail PASS.....

Park Brake 3100.....Nm
Service Brake 3100.....Nm
Pass/Fail PASS.....

Park Brake 2950.....Nm
Service Brake 3100.....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: [Signature]

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

Manager: S. EGERTON Signed: [Signature]