

WILLIAM
BRADSHAW
RAIL WHEEL BRAKING TORQUE TEST

Date:	27/05/2022	Machine:	DOOSAN DX170
Owner:	BRADSHAW	Serial No:	5133
POV No:	99709 940739-4	Fleet No:	60
Location:	YARD	Hours:	3974

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:

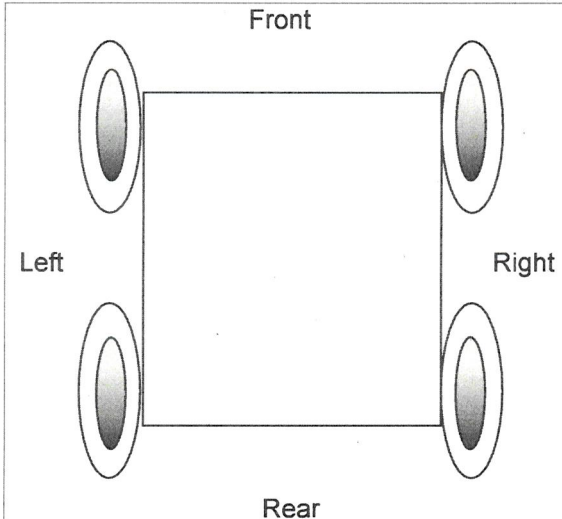
Park Brake (Nm) = $\frac{\text{Machine Weight (Kg)}}{20}$ Minimum park brake required: 1532 Nm

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

Equipment to be used:

Torque Wrench ID No. 1220105040 Cal Exp Date: 18/8/2022

Park Brake 2700 Nm
Service Brake 3300 Nm
Pass/Fail PASS



Park Brake 2700 Nm
Service Brake 3250 Nm
Pass/Fail PASS

Park Brake 2800 Nm
Service Brake 3200 Nm
Pass/Fail PASS

Park Brake 2800 Nm
Service Brake 3400 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: <u>B. FELL</u>	Signed:
As a Manager of William Bradshaw Ltd I confirm that this inspection/test was executed by a suitably qualified service engineer.	
Manager: <u>C. McCoe</u>	Signed: