

Rear Disc Brake - 4.2L NA V8 - AJV8/4.2L SC V8 - AJV8 -

Brake Disc

Item	Specification
Disc type	Ventilated
Disc diameter	326 mm (12.8 in)
Disc diameter (vehicles fitted with Alcon braking system)	350 mm (13.78 in)
Disc thickness (new)	20 mm (0.78 in)
Disc thickness (vehicles fitted with Alcon braking system new)	28 mm (1.10 in)
Minimum disc thickness (service limit)	18 mm (0.70 in)
Minimum disc thickness (vehicles fitted with Alcon braking system service limit)	26 mm (1.02 in)
Disc thickness variation (new)	0.008 mm (0.0003 in)
Maximum disc run-out - installed	0.075 mm (0.0029 in)
Maximum hub face run-out - installed	0.0135 mm (0.00053 in)

Caliper and pads

Item	Specification
Caliper	Floating aluminium caliper with 45 mm single piston and integral park brake mechanism
Caliper (vehicles fitted with Alcon braking system)	Opposed aluminium caliper with four 31.8 mm diameter pistons.
Minimum pad thickness (service limit)	2 mm (0.078 in)
Minimum pad thickness (vehicles fitted with Alcon braking system service limit including brake pad back plate)	7.5 mm (0.30 in)

Torque Specifications

Item	Nm	lb-ft
Brake caliper anchor plate - bolts*	103	76
Brake caliper - guide pins	28	21
Brake hose to caliper - union	35	26

* New nuts/bolts must be installed

Torque Specifications - vehicles fitted with Alcon braking system

• NOTE: Alcon brake system can be identified by the existence of half-moon shaped marking in the friction surface of the brake disc.

Item	Nm	lb-ft
Hydraulic brake caliper anchor plate to wheel knuckle - bolts*	108	80
Hydraulic brake caliper to caliper anchor plate - bolts	115	85
Parking brake caliper to caliper anchor plate - bolts	63	46
Parking brake caliper anchor plate to rear wheel knuckle - front bolt	70	52
Parking brake caliper anchor plate to rear wheel knuckle - rear bolt	63	46

* New nuts/bolts must be installed