

7 October 2020

Reference: ADR 35/05 Brake Extract for Aftermarket Brake Booster
Vehicle: Toyota 70 Series Landcruiser

We hereby confirm that the braking performance of the Toyota 70 Series Landcruiser when fitted with the aftermarket dual diaphragm brake booster (Cooldrive part number HBB001 and HBB002) is considered satisfactory and complies with the performance requirements of ADR 35/05 for both NA and NB Category vehicles with a GVM of up to 4,200 kg. Our Company has conducted laden ADR 35/05 brake performance tests including all partial failures.

This is an extract of our report number: 12216/19 dated 28th September 2020 with QLD LG1 certificate number: 1094835.

Both the ABS and non ABS variants of the Toyota 70 Landcruiser have been assessed. GVM options ranging from the factory OEM rating of 3,300 kg to the highest available SSM ratings of 4,200 kg have been considered.

All brake tests were conducted using the 225/95 R 16 tyre option and NA category speeds and deceleration.

Tested Weights (kg)	ABS Variant	Non ABS Variant
Total	4,380	4,310
Front Axle	1,570	1,590
Rear Axle	2,810	2,720

The vehicles were tested using standard OEM braking components with the exception of the stated aftermarket brake booster. The front and rear suspension system were upgraded purely to support the laden test mass, the components are not considered relevant for the purpose of this report.

The suitability of the vehicle components for the increase of GVM remains the responsibility of SSM holders and certifiers and this certificate considers the braking performance only of the fitment of the aftermarket brake booster.

Yours faithfully


J Chan