

Your Ref: SLD 321K
Our Ref : CI/TP18004034/D

01 March 2018

M/s Borneo Motors (Singapore) Pte Ltd
33 Leng Kee Road
Singapore 159102

Attn: Mr Andrew Ng
Lexus Workshop Manager

**AUTOMOBILE INSPECTION REPORT OF A LEXUS RX 200T MOTOR CAR
WITH REGISTRATION NUMBER SLD 321K**

1. I refer to your request dated 09 February 2018 to carry out an inspection of a Lexus RX 200T motor car with registration number SLD 321K.
2. The objective of the inspection was to check on the general road worthiness of the motor car and whether there was any abnormal operational issue(s) to the motor car.
3. Following the request, I had physically inspected the motor car on 12 February 2018 at the premises of Lexus Service Centre, 33 Leng Kee Road Singapore 159102. A test drive of the motor car was also carried out during this inspection. The mileage of the motor car at the time of my inspection was 15,131km.
4. The motor car was observed to be in good general condition with no loose exterior fittings. There was also visible damage observed on its exterior body.
5. Upon checking the engine compartment of the motor car, I had observed that the various mechanical components, hoses and sensors were all intact and securely fitted/attached. This had included the air intake housing, air duct, engine top cover, engine coolant hoses, air con pipes and wiring harness amongst others.
6. Checks on the various operating fluids like the engine oil, engine coolant, and brake fluid revealed all to be of sufficient level for operating purposes and without any contamination. No fluid stain(s) and/or fluid leak(s) were observed within the engine compartment and/or on the underside of the motor car.
7. The various undercarriage components of the motor car were also visually checked and found to be intact and adequately secured.

8. The motor car's automatic self-test of the functionality of its various electronic operating systems like the Anti-Lock Brake System (ABS), Electric Power Steering System (EPS), Traction Control (TC) and Supplemental Restraint System (SRS) during cranking of the engine had indicated that these electronic operating systems were in working condition and without abnormality. This can be established from the warning lights disappearing from the instrument panel after the self-test.
9. Upon my request, an electronic scan was carried out to the motor car to primarily check whether there was any electronic fault recorded in the various control modules of the motor car like the engine control module and transmission control module amongst others. The result after the scan had indicated that there was no electronic fault recorded in the various control modules of the motor car at the time of my inspection.
10. I subsequently conducted a test drive of the motor car to operationally determine if there was any possible mechanical problem(s) and/or abnormality to the various operating systems of the motor car. During the test drive, the motor car was driven at various speeds and through various right turns and left turns; over different height and type of road humps along a route which covers several arterial roads and highway. The general performance, stability, braking and handling of the motor car were satisfactory throughout the test drive.
11. Operationally, I did not find any abnormal behaviour to the motor car's engine system, transmission system, steering system and braking system. The motor car had responded well to my steering input and was able to come to a complete stop effectively during braking. Throughout the duration of the test drive, I did not experience any loss of power to the engine performance. Neither did I experience the motor car's engine stalling. The mileage of the motor car at the end of the test drive was 15,137km. See photo 1 – 10 below.



Photo 1 shows the rear left body of the motor car. The motor car was observed to be in good general condition with no loose exterior fittings observed.



Photo 2 shows the front right body of the motor car. The motor car was observed to be in good general condition with no loose exterior fittings observed. There was also no visible damage observed on its exterior body. The mileage of the motor car at the time of my inspection was 15,131km.



Photo 3 shows the motor car's engine compartment. I had observed that the various mechanical components, hoses and sensors were all intact and securely fitted/attached. This had included the air intake housing, air duct, engine top cover, engine coolant hoses, air con pipes and wiring harness amongst others. The engine compartment was also observed to be relatively clean with no fluid stain(s) and/or fluid leak(s) found.



Photo 4 shows the engine coolant reservoir of the motor car at the time of my inspection. The engine coolant was observed to be of sufficient level and without any visible contamination.



Photo 5 shows the brake fluid reservoir of the motor car at the time of my inspection. The brake fluid was observed to be of sufficient level for operating purposes and without any visible contamination.



Photo 6 shows the engine oil dip stick of the motor car at the time of my inspection. The engine oil was observed to be of sufficient level and without any visible contamination.



Photo 7 shows the warning light for Anti-Lock Brake System (ABS), Electric Power Steering System (EPS), Traction Control (TC) and Supplemental Restraint System (SRS) appearing on the instrument panel of the motor car during the self-test of its various electronic operating systems when its engine was cranked.



Photo 8 shows no warning lights illuminated on the instrument panel of the motor car after the engine was cranked. This would suggest that there was no abnormality to the various electronic operating systems of the motor car, like the ABS, EPS, TC and SRS etc.



Photo 9 shows an electronic scan being carried out to the motor car to primarily check whether there was any electronic fault recorded in the various control modules of the motor car like the engine control module and transmission control module amongst others.

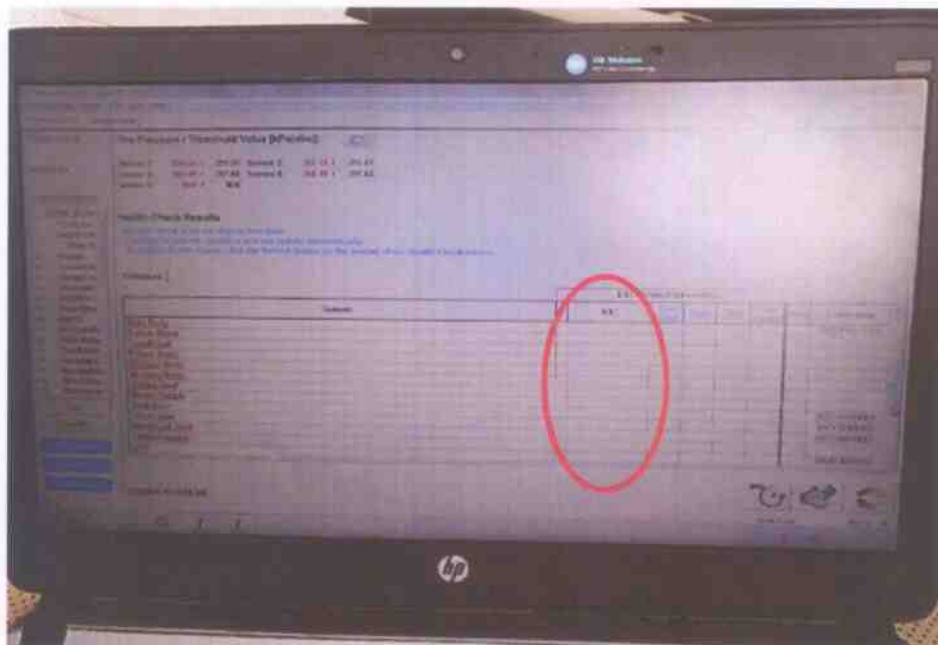


Photo 10 shows the result after the scan. There was no electronic fault reflected in the fault column (circled), indicating that there was no electronic fault recorded in the various control modules of the motor car at the time of my inspection.

12. In general, I am of the opinion that the motor car was of a satisfactory road worthy condition at the time of my inspection. The observations gathered from my inspection and test drive of the motor car had indicated that there was no abnormality to its various operating systems like the engine system, transmission system, steering system and braking system. There was also no loss of engine power and/or engine stalling experienced at the time of my inspection.

**Ang Bryan Tani**

AMSOE, AMIRTE, AFF SAE, M.MATAI, AFF.Inst.AEA
Senior Technical Investigator
Technical Investigation & Reconstructionist (SAE-A)

DISCLAIMER OF LIABILITY TO THIRD PARTIES:- This Report is made solely for the use and benefit of the Client named on the front page of this Report. No liability or responsibility whatsoever, in contract or tort, is accepted to any third party who may rely on the Report wholly or in part. Any third party acting or relying on this Report, in whole or in part, does so at his or her own risk.