



RAC Inspections  
Engineer's Report

**RAC**  
Inspections

**Mr Drew Brees**  
**R A C House**  
**Walsall**  
**West Midlands**  
**WS5 4AW**

Your check was conducted on	<b>07 Mar 2016</b>
RAC Engineer	<b>Peter Cullingworth</b>
Place of inspection	<b>DA3 8PU</b>
Weather during inspection	<b>Dry</b>
Light Conditions	<b>Good</b>

Your Reference: **RAC0011960**

### Vehicle Details

Registration No.	<b>RV640FP</b>
Make	<b>LEXUS</b>
Model	<b>CT 200H S CVT</b>
Year of registration	<b>2014</b>
VIN	<b>JTHKD5BH802210751</b>
Engine No.	<b>2ZRR702156</b>
Engine capacity	<b>1798</b>
Mileage	<b>35456 Miles</b>
Colour	<b>BLACK</b>
Hoist/ramp or pit available	<b>False</b>
Data Alert	<b>No</b>
MOT Expiry Date	<b>No MOT</b>
Registration docs seen?	<b>True</b>
Date of Last Reg Keeper	<b>24 Oct 2014</b>
Total Previous Owners	<b>0</b>

### Summary Results

Body Exterior		Engine Compartment	
Electrical / Controls		Interior / Luggage Compartment	
Front Suspension / Steering		Transmission	
Rear Suspension		Wheels and Tyres	
Exhaust System		Fuel System	
Brake System		Underbody	
Road Test & Final Checks			

#### Key to report

- Satisfactory for recorded age and mileage
- Attention
- Could not be checked
- Not Applicable
- Defect Images

#### Vehicle Details

This information is based on the vehicle registration details provided.

#### Summary

This summary gives you an overview of the areas of the vehicle checked by the RAC Engineer.

You should also read the full contents of the report to ensure you are familiar with all the findings of the RAC Engineer.



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## Items Needing Attention

### Essential Items

Section	Subsection	Component	Defect
Engine Compartment	Engine Oil Level	Dipstick	Oil Low
Road Test & Final Checks	Steering Effort / Handling	Steering Condition	Drifts To The Right
Front Suspension / Steering	Steering Joints/Ball Joints	Right Track Rod	Slight Wear

### Desirable Items

Section	Subsection	Component	Defect
Body Exterior	Bumpers	Bumper Cover Front	Scratched
Body Exterior	Exterior Trim	Front Grille	Damaged
Body Exterior	Paintwork	Bonnet	Chipped

### Items Needing Attention

*Essential items* should be investigated and repaired as a matter of urgency to ensure that the vehicle is roadworthy, ideally prior to purchase to avoid hidden rectification charges. Further defects that do not compromise the safety of the vehicle may also be listed under *desirable items*; however, repair work could still prove costly.



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## Engineer Summary

### General Summary:

A structurally sound vehicle with no evidence of major accident damage or significant corrosion. Some cosmetic paint refinishing has been carried out - as noted within the report - and this has been completed to a good visual standard.

Damage was noted to the front bumper and grille. This damage will require a bodyshop repair estimate to be completed prior to purchase as collectively it could prove costly to rectify.

The service history indicates that the manufacturers' recommended service interval was exceeded by several thousand miles on both occasions. This and a low engine oil level may indicate a general poor adherence to vehicle maintenance. Although the next service is not due until 40 000 miles, as the engine oil level is low it is recommended that a full service and brake inspection be carried out prior to purchase - which could reveal further defects that it was not possible to detect as part of this visual inspection.

A spare key was available and checked as part of this inspection.

An in date emergency tyre inflator kit was present with the vehicle.

### Essential Summary:

It is strongly advised that the essential defects are investigated and rectified prior to purchase.

The engine oil level will require topping up prior to further use in order to prevent the possibility of premature wear or damage. No external leaks were evident.

A steering pull was noted during road test, and this will require further investigation to determine the exact cause. A wheel alignment check should also be carried out - ideally to include a print out of the final test readings.

### Desirable Summary:

Prior to purchase, consideration must be given to the collective cost involved in the rectification of the desirable items listed within the report. These items should be reflected in the purchase price of the vehicle.

### Bodywork Summary:

At some stage this vehicle has been subject to accident damage repairs; however, as far as can be seen, these have been carried out to a satisfactory standard.

The minor stone chips and scratches, indicated within this report, would benefit from repair, enhancing the cosmetic appearance of the vehicle and helping prevent further deterioration.

The front bumper and grille are damaged. You are advised to obtain a body repair estimate prior to purchase as this work could prove costly

### Engineer Summary

These notes contain additional information that the engineer wanted to draw your particular attention to, and may also contain further guidance on action you should take prior to purchasing the vehicle.



## Inspection Results

### Body Exterior

Panel Condition / Previous Repair	✓	Paintwork	!
Exterior Trim	!	Fuel Filler Cover	✓
Bumpers	!	Soft Top (condition)	N/A
Number Plates	✓	Mudflaps	✓
Windscreen / Glass	✓	Sunroof	N/A
Keys / Door Locks	✓		

### Engine Compartment

Coolant Level	✓	Coolant Leak	✓
Antifreeze	✓	Radiator / Cap	✓
Hoses / Pipes	✓	Water Pump	C
Drive Belts	✓	Power Steering Fluid	✓
Clutch Fluid	N/A	Brake Fluid	✓
Engine Oil Level	!	Engine Oil Leaks (external)	✓
Engine Mountings	✓	Cold Starting	✓
Fast Idle (cold)	✓	Engine Noise Level (cold)	✓
Excess Fumes / Smoke	✓	Fuel Injectors / Carburettor	✓
Turbo / Supercharger	N/A	Fuel Pump / Pipes	✓
Accelerator Linkage	✓	Air Con Components	✓
Body Panels	✓	Bonnet Catch	✓
Bonnet Hinge	✓		

### Electrical Controls

Starting system / ignition lock	✓	Battery charging system	✓
Headlights	✓	Side Lights / Running lights	✓
Rear Lights / Number Plate Lights	✓	Brake Lights	✓
Indicators / Hazard Lights	✓	Reverse Lights	✓
Fog Lights	✓	Auxiliary Lights	N/A
Panel Lights	✓	Illumination Light	✓
Mirrors	✓	Switches / Controls	✓
Instruments / Functions	✓	Horn	✓
In Car Entertainment Systems	✓	Cigarette Lighter	N/A
Heater Fan / Controls	✓	Sunroof Operation	N/A
Window Operation	✓	Headlamp Wipers / Washers	N/A
Wipers / Washers	✓	Door / Luggage Area Locking	✓
Air Con / Climate Control Operation	✓		

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## Inspection Results

### Interior / Luggage Compartment

Steering Wheel	✓	Seat Upholstery	✓
Seat Mechanism	✓	Seat Belts	✓
Carpets	✓	Door Trim Panels	✓
Door Fittings / Operation	✓	Door Seals / Hinges	✓
Headlinings	✓	Sunroof Trim	N/A
Visor(s)	✓	Mirror (internal)	✓
Dash Panel (condition)	✓	Rear Parcel Shelf	N/A
Luggage Area	✓	Upholstery / Trim Other	✓
Interior Sills / Shut Area	✓	Tool Kits etc	✓
Soft Top Material	N/A	Tonneau Cover	✓

### Front Suspension / Steering

Steering Joints / Ball Joints	!	Steering Rack / Box	✓
Gaiters	✓	Power Steering	✓
Springs / Suspension Units	✓	Dampers / Bushes	✓
Bump Stops	✓	Suspension Arms / Mountings	✓
Pipes / Hoses	✓	Wheel Hubs / Bearings	✓
Tie Bars / Anti-roll Bars	✓	Sub-frames / Mountings	✓

### Transmission

Casings	✓	Fluid / Oil Leaks	✓
Cables / adjustment	✓	Hydraulic System	N/A
Linkage	✓	Mountings	✓
Drive Shaft Assemblies	✓	Universal / sliding Joints	N/A
Backlash	✓	Gaiters	✓
Propshaft	N/A	Bearings / Supports	✓

### Rear Suspension

Springs / Suspension Units	✓	Dampers / Bushes	✓
Bump Stops	✓	Suspension Arms / Mountings	✓
Pipes / Hoses	✓	Wheel Hubs / Bearings	✓
Tie Bars / Anti-roll Bars	✓	Sub-frames / Mountings	✓

### Wheels and Tyres

Wheel / Rim	✓	Wheel Trim	✓
Tyre Front RH	✓	Tyre Front LH	✓
Tyre Rear RH	✓	Tyre Rear LH	✓
Spare	N/A	Tyres Other	N/A

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## Inspection Results

### Exhaust Systems

Manifold	✓	Pipes	✓
Silencer(s) / Catalyst	✓	Heatshields / Mountings	✓
Evidence of Leaks	✓		

### Fuel System

Tank	✓	Tank Fixings	✓
Fuel Lines	✓	Breather Pipes	✓
Evidence of Leaks	✓	Filler Cap	✓

### Brake System

Master Cylinder	✓	Servo / Power System	✓
Flexible Hoses	✓	Pipes / Connections	✓
Fluid Leaks	✓	Discs / Pads / Linings	✓
Hand / parking Brake Linkage	✓	Pedal / Linkage	✓
Hand / parking Brake Operation / Adjustment	✓		

### Underbody

Chassis Member / Floorpan	✓	Corrossion Protection	✓
Corrossion Floor / Chassis	✓	Shields / Covers	✓

### Road Test & Final Checks

Engine Performance	✓	Engine Noise	✓
Excess Smoke	✓	Oil Leaks	✓
Overheating Evidence	✓	Cooling Fan Operation	✓
Coolant Leak	✓	Gearbox Operation / Noise	✓
Auto Changes / Kickdown	✓	Final Drive Operation / Noise	✓
Clutch Operation (see notes)	N/A	4WD Operation	N/A
Instruments / Controls Function	✓	Warning Lights	✓
Cruise Control	N/A	Steering Wheel Alignment	✓
Steering Effort / Handling	!	Brake Operation	✓
Suspension Noise	✓	Roadholding / stability	✓
Hot Re-starting	✓		

### Road Test

<b>Distance</b>	10 Miles	<b>Max Speed</b>	70 MPH
<b>Weather</b>	Dry	<b>Road Conditions</b>	Satisfactory

#### Key to report

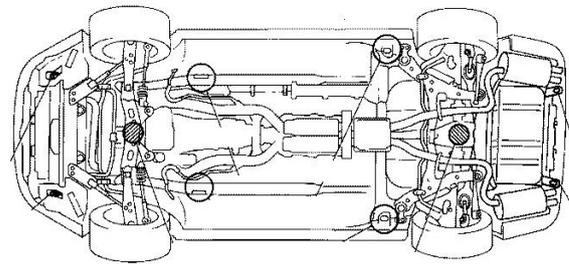
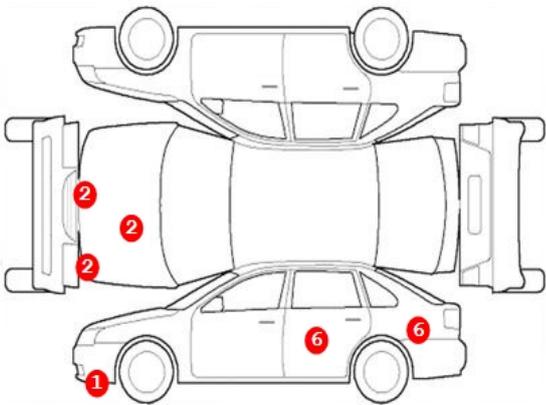
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### Wheels and Tyres

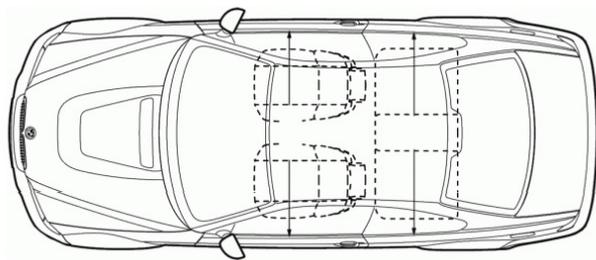
Wheel	Manufacturer	Size	Wheel Type	Tyre Type	Tread (mm)
Front Left	Michelin	195/65 R15 91H	Steel	Radial	4
Front Right	Michelin	195/65 R15 91H	Steel	Radial	4
Rear Left	Michelin	195/65 R15 91H	Steel	Radial	5
Rear Right	Michelin	195/65 R15 91H	Steel	Radial	5

### Exterior / Interior Overview



**Key**

1-Scratch | 2-Chip/Rust Spot | 3-Multiple Chips | 4-Corrosion | 5-Repair | 6-Re-Painted | 7-Unsatisfactory Repair  
8-New Panel Fitted | 9-Dent



**Key**

1-Cut | 2-Burn | 3-Soiled | 4-Drill Holes | 5-Damage | 6-Split/Torn | 7-Worn



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### What should you do next?

- Make sure you have carefully read the whole report.
- Pay close attention to any essential or desirable repairs identified by the RAC engineer. Any items that may affect your safety should be investigated and rectified prior to use of vehicle.

### Thank you

Thank you for purchasing an RAC Vehicle Inspection. We hope to be of service to you again in the future.

Regards,

RAC Vehicle Inspection Team



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## VEHICLE INSPECTION REPORT

### Notes for Customer Guidance.

To obtain maximum benefit from this report we recommend that you should read it thoroughly before proceeding with the purchase of the vehicle.

Whilst all reasonable care has been taken, the inspection of the vehicle described in this report is visual and external and the RAC is unable to accept responsibility for failure to identify defects not present or apparent at the time of the inspection.

The inspection covers those items listed, however, it must be noted that no dismantling, removal or inspection of any parts has been undertaken. Minor body repairs of a cosmetic nature, which have been repaired to a satisfactory standard, have not been commented upon.

The RAC Inspector is unable to verify the accuracy of the odometer reading.

An RAC inspection is not a guarantee against defects arising in the future and this report in no way constitutes any form of guarantee or warranty.

In the event of dissatisfaction or complaint the RAC reserve the right to re-examine the vehicle prior to any rectification being made.

If a hoist or pit is unavailable, a trolley jack will be used to allow inspection of the Underbody. If for any reason the Engineer is unable to inspect the Underbody, an explanation will be given in the report.

Left (N/S) and right (O/S) are as viewed from the drivers seat.

A copy of the RAC Vehicle Inspection Service Terms & Conditions is available on our website at [rac.co.uk](http://rac.co.uk) or upon application to the address below.

Should you have any queries regarding the Vehicle Inspection, please contact our Customer Care Department at:-

RAC Vehicle Inspections  
RAC House  
Brockhurst Crescent  
Walsall  
WS5 4QZ

Telephone Number: 0333 202 1844 Option 3



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## GUIDANCE NOTES ON VEHICLE INSPECTIONS

If the ABS warning light indicates a system malfunction the Inspector will recommend that the problem is investigated by a franchised dealer who will have the specialist equipment to determine the fault.

Exhaust Emissions, and in particular catalyst function can only be accurately assessed by utilising a gas analyzer in controlled static condition as calibrated test equipment is adversely affected by movement. Consequently, RAC does not conduct emissions testing and recommends specialist independent emissions testing and advice is sought.

A Cooling System pressure test will be recommended if the addition of antifreeze is found to be necessary, as antifreeze can leak from joints that would contain plain water.

If there is no documented evidence that the cam belt has recently been renewed, or has been changed at the recommended intervals, the Inspector will indicate that replacement is strongly advised.

Air Conditioning System Functions are checked and if no refrigerated air is available, the Inspector will recommend specialist service to investigate and rectify the defect.

Due to self-levelling Suspension systems being automatically activated by increased pay-load, the facility for checking this function is not available within the scope of this inspection.

Manual Selection and permanent four wheel drive systems are checked as far as possible given the facilities at the inspection venue. However this cannot include traction and differential lock functions on public or other roads which are constructed/built or tarmac, concrete or any other homogenous non-slip surface.

If an alarm is fitted and the arming device provided, it will be tested. However, due to many variations in alarm features and operating modes it cannot be confirmed that it is functioning fully to the manufacturers design specification.

The majority of vehicles fitted with a turbo charger or super charger, have no additional instruments provided to indicate that the equipment is producing induction boost. Due to this, the Inspector is unable to confirm that the system is working to specification, other than by giving an opinion on the performance as road tested.

If the Inspector has indicated that a cold start could not be performed as the vehicle has been run prior to inspection, potential starting problems could not be identified.

The Inspector is unable to undertake a compression test on the engine as dismantling would be required. However, if a power imbalance exists due to unequal cylinder performance, the Inspector will provide an opinion to guide and assist further investigation.

Air bags are passive restraints triggered by deceleration and impact sensors, and their function in a collision cannot be tested.

Unless a visual indication of deployment is incorporated, the status of pre-tensioned seat belts cannot be assessed.

Testing for body water leaks requires dedicated facilities, and is not included within the scope of the inspection. However, if stains and damp are evident, these will be commented upon.

In the unlikely event that defects are discovered after purchase which were not identified in the report, please contact RAC Inspection Services before instructing any repairs. If RAC Inspection Services consider it appropriate, a vehicle inspection will be arranged to re-inspect the area of concern and an unbiased second opinion will be provided.

RAC Inspection Services Inspectors make a visual inspection and as such, RAC cannot accept liability for changes in performance, non-compliance with emission regulations, failure of components or adjustments required to any vehicle as a result of the date change to the year 2000. Please contact the vehicle manufacturer agent for information regarding year 2000 compatibility.

RAC Vehicle Inspections are provided by RAC Motoring Services, Registered in England No. 01424399. Registered office: RAC House, Brockhurst Crescent, Walsall, West Midlands WS5 4AW.