

Vehicle Type : XE1 / Lexus IS200
 Applicant : Toyota Motorsport GmbH
 Toyota-Allee 7, 50858 Köln

This is to certify that the vehicle type equipped with the conversion and accessory parts is conform to applicable EC-directives as described hereafter.

Vehicle

Manufacturer : n.v. Toyota Motor Europe Marketing & Engineering s.a.
 60 Avenue Du Bourget
 B-1140 Brussels

Vehicle type : XE1

Make : LEXUS

Commercial description : LEXUS IS200

EC-type approval : e11*98/14*0110*00 - e11*98/14*0110*01

Conversions & Accessories : Engine Power Kit MLS AM27906 fitted to engine type 1G-FE

TÜV expertise : Teilegutachten Nr. 03TG0195-00

Description : mechanical driven compressor with intercooler, modified
 aircleaner and ajusted injection & ignition system

Marking

Compressor : AM27531

Intercooler : AM27933

Aircleaner : AM27931

Details of tests performed

Noise : measured according to directive 70/157/EEC - 96/20/EC

Exhaust system & mufflers : series

Measurements	MT	AT
standing [dB(A)]	78 4725 min ⁻¹	78 4725 min ⁻¹
drive-by [dB(A)]	74 2 nd & 3 rd gear	71 position D

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Emissions : measured according to directive 70/220/EEC - 98/69/EC Annex III, type I

MT

AT

Equivalent inertia mass : 1590 kg

1590 kg

Absorbed power Pa / 80 km/h : 7,06 kW

7,05 kW

Tyre size : 215/45R17

215/45R17

Manual Transmission MT	CO [g/km]	HC [g/km]	NOx [g/km]
Test 1	1,195	0,102	0,015
Test 2	---	---	---
Test 3	---	---	---
Average	1,195	0,102	0,15
DF	1,2	1,2	1,2
Calculated with DF	1,434	0,122	0,018
Limits 98/69 A	2,30	0,20	0,15

* DF fixed deterioration factors

Automatic Transmission AT	CO [g/km]	HC [g/km]	NOx [g/km]
Test 1	0,505	0,124	0,024
Test 2	0,439	0,125	0,033
Test 3	---	---	---
Average	0,472	0,125	0,029
DF	1,2	1,2	1,2
Calculated with DF	0,566	0,150	0,039
Limits 98/69 A	2,30	0,20	0,15

* DF fixed deterioration factors

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Fuel consumption : measured according to 80/1268/EEC - 93/116/EC

Measurements	MT	AT
CO ₂ mass [g/km]	226	222
Urban [l/100 km]	13,2	13,2
Extra-urban [l/100 km]	7,4	7,1
Combined [l/100 km]	9,5	9,3

Engine power : measured according to directive 80/1269/EEC - 97/21/EC

Rated power : 151 kW @ 6300 min⁻¹

Maximum torque : 245 Nm @ 5000 min⁻¹

Brakes : tested according to directive 71/320/EEC - 98/12/EC;
requirements of directive fulfilled

Maximum speed : measured according to standard DIN 70020 Part 3

MT & AT : 215 km/h

Driveability : positively assessed according to TÜV-standard VdTÜV-MkBl.
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Attachment

1 : Teilegutachten Nr. Nr. 03TG0195-00

Conclusion

The testing laboratory is recognized for the above mentioned test procedures by the recognition authorities of the Kraftfahrt-Bundesamt (KBA), Federal Republic of Germany, under the DAR-recording number: KBA-P00010-96.

This statement comprises pages 1 to 3 and shall not be reproduced partially without the written approval of the testing laboratory. It is valid only with the attached TÜV-expertise (Teilegutachten).

Cologne, 30.06.2000
se/sh



Dipl.-Ing. Heinz-Werner Stiehl