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Real Tune & Exciting Car Magazine オプション

INSIDE!
OPTION 2

WORLD TIME ATTACK CHALLENGE 世界最速決定戦

PORTRAIT OF A COVER MACHINE

NEW LOOK!

NEW AGE PORT-TUNING
RX-8進化論

EXPERT LEVEL SUPER DIY AMATEURS

ROMチューン、第二章。
R35GT-R TUNING TECHNOLOGY



The Favorite Sports

チューニングベース
REDEFINING TUNING BASES

再定義

GT-R
FAIRLADY Z
SILVIA
SUPRA
RX-7
LANCER Evo.IX
IMPREZA WRX STI
S2000
etc.

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M7JAPAN.COM



R600 TIME ATTACK PROJECT TEAM

BY N. TANIGUCHI



M7 SUPER STREET GT OIL



M7 SUPER STREET ATF OIL



M7 SUPER B5 BRAKE FLUID
M7 SUPER STREET GEAR OIL



M7 TUNED UP PLATINUM PLUG



M7 GT PERFORMANCE OIL FILTER
MAGNET TYPE



M7 T-TITAN SPORTS MUFFLER



M7 SUPER POWER FLOW FILTER
ADAPTER TYPE



M7 THROTTLE CONTROLLER
AUTO PRO-R



M7 E-BC
ELECTRONIC BOOST CONTROLLER



M7 ROM ENGINE CONTROL UNIT
GTR, R36, GRB & GRF, C24A, RX8



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M7 TOUCH R.A.C.E.
REFLASH AND COMPLETE ELECTRONIC



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BRAKE PAD 730



M7 COMPETITION TYPE R
OIL/ATF COOLER KIT



M7 SUPER COOLING
OIL CATCH TANK



M7 COMPETITION TYPE R
INTERCOOLER KIT



M7 HYPER SOUND
BLOW OFF VALVE TYPE GT-7



M7 SUPER STREET
PERFORMANCE DAMPER



M7 SUPER STREET CAMSHAFT
FD2, DC5



M7 SUPER SINGLE CLUTCH
DC5, FD2, CL7
M7 SUPER TWIN CLUTCH
GDB & GRB, CN9A, CP9A, CT9A



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M7 Racing

M7 JAPAN

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A complete examination of the R600-spec R35

M7 operates an international aftermarket parts business through its divisions—M7 Japan, M7 UK, and M7 USA. The company aggressively supports many racers and teams such as Kondo Racing GT-R in the Super GT, RE Amemiya's RX-8 and Max Onido's Supra in D1GP, and Nobuteru Taniguchi in the Civic Inter Series.

We were invited by M7 Japan to attend the test drive of their demo car, an R35. After accepting the invitation, we discovered it was

to be held at Sepang International Circuit in Malaysia. This boosted-up R600-spec tuned by M7 Japan would be running on the same course as F1 and MotoGP, driven by none other than familiar face Taniguchi himself. Our hearts beat faster just imagining how epic it was going to be.

Forming a report team, we quickly dispatched them to Malaysia in order to examine M7 Japan's tuning technology and the performance of their R35.

14 June 2011, the day of the test drive. The pitch-black R35 stood like a beast poised and sharpening its fangs in the paddock. The car was surrounded by the local media, M7 Japan's staff, and representatives from Mutiara Motors, a famous Malaysian car dealer with close business relationships with M7 Japan.

At 10am the signal for commencement was given, and the engine of the R600 roared to life and rushed out onto the course.





灼熱のセパンテストに密着取材

M7チューンの 全貌が明らかに

Detailed report from Sepang Circuit
All the details of M7's tuning

M7 JAPAN **M7 TUNED CAR**

NISSAN GT-R R35 **R600**

MAX POWER: **612.8ps/6400rpm**

MAX TORQUE: **68.6kgm/3880rpm**



The R600 spec has been developed with M7's high-quality parts. As you might guess from its name, engine power has been boosted up to 600ps to maintain its durability. The car has been completely tuned up by M7 from ECU refresh to suspensions. The tuning is done with aftermarket parts to achieve faster speed and better controllability than the stock vehicle.



- 1 The VR38DETT engine produces 612ps with boost pressure increased to 1.3kg/cm2 and auxiliary parts such as the blow-off valve, the air filter and the intercooler kit upgraded. The engine is controlled by M7 Japan's original ECU to even out torque character at all ranges.
- 2 The all-titanium F-Titan sports muffler improves exhaust efficiency in cooperation with a high-flow centre pipe and front pipe. The muffler and centre pipe meet JASMA's new regulations, so the car can be used on the streets of Japan without worry.
- 3 In order to support the car's increased power, the brake pads have been replaced with ceramic super competition brake pads that can cope with temperatures from 50°C to 700°C. A forged monoblock 6-pot caliper kit has been prepared for the next step of modification. The suspension are M7's high performance kit, well able to cope with conditions from the streets to the circuits.
- 4 This GT wing, made totally from dry carbon, is a trial product. It will be added to their product lineup soon.
- 5 Their new product, the Touch R.A.C.E., makes rewriting ECU data possible while displaying data sets via the OBD communication port. The car also has a super performance throttle controller and E-BC boost controller installed.

R600 SPEC SPECIFICATIONS

PARTS LIST	PRICE
M7 PRO RACING OIL 1000HP (15W-50)	10,290 yen
M7 GT PERFORMANCE OIL FILTER (MAGNET TYPE)	1,890 yen
M7 SUPER POWER FLOW FILTER (ADAPTER TYPE)	111,300 yen
M7 HYPER SOUND BLOW OFF VALVE (ADAPTER TYPE)	68,250 yen
M7 TUNED UP ACTUATOR	70,140 yen
M7 SUPER PERFORMANCE THROTTLE CONTROLLER	54,600 yen
M7 E-BC	36,540 yen
M7 F-TITAN SPORTS MUFFLER	399,000 yen
M7 HI FLOW CENTER PIPE	63,000 yen
M7 COMPETITION TYPE-R INTERCOOLER KIT	270,900 yen
M7 SUPER COOLING OIL CATCH TANK	11,865 yen
M7 SUPER COOLING RADIATOR COOLANT	2,646 yen
M7 SUPER COOLING RADIATOR CAP	2,100 yen
M7 BRAKE PAD 700°C (FRONT)	36,750 yen
M7 BRAKE PAD 700°C (REAR)	26,460 yen
M7 SUPER B5 BRAKE FLUID	3,150 yen
M7 HIGH PERFORMANCE DAMPER KIT	176,400 yen
M7 CAMSHAFT	
M7 ECU	249,900 yen
M7 RACING SEAT by N.TANIGUCHI VERSION	75,600 yen



Who are M7 Japan?

The aftermarket parts maker is developing and marketing their products all over the world. M7 Japan is their brand name for Japan and Asia. Their product lineup contains many turbos, pistons, suspensions, brakes and interior goods. The maker supports many racing drivers and teams, and draws upon their racing data to develop new parts.





It's more secure and comfortable than the stock car. Its drivability is simply awesome.

「ノーマル以上の快適性と安心感
乗り心地の良さは感動的だった」



NOB VOICE

The weather wasn't very good, so we didn't do any time attacks. However, I do think the car has been finished very nicely. I have a personal R35, but it isn't that drivable when stock. Although its high-speed performance is good, it has many problems. For example, the ride is harsh.

Considering the R35's problems, M7 Japan's GT-R becomes very interesting. It pitches and rolls too much to shave too much time off at the circuit, and it has a few driving quirks, but this makes it much more comfortable to drive compared to the stock vehicle. It is an ideal car for someone using it both on and off the circuit.

The engine has been boosted up to 600ps, and is easy to handle even on an international circuit like Sepang. The volume of the exhaust is quite moderate, but sounds racy enough. The braking system has also been upgraded to ensure good driving performance.

The modifications aren't extreme, but they do cancel the weaknesses of the stock GT-R, raising speed and comfort to a new level. A tuned car often

leaves comfort behind, but this R35 has actually made increased performance comfortable and pleasant. This tuning plan has brought out the personality of a JDM super sports car wonderfully.

— Nobuteru Taniguchi





The next generation OBD communication device Grasp all your vehicle data perfectly



The Touch R.A.C.E. displays a wide array of vehicle data on the 3.5-inch touchscreen TFT LCD monitor. It is attached to the OBDII port with a coupler, displaying up to 50 items such as water and oil temperature, engine revolutions, and speed. The screen can display 6 items at the same time.

SIGNAL

M7 JAPAN TOUCH R.A.C.E.

Price 50,400yen

Manufacturer M7 Japan

<http://www.m7japan.com/>

Using the optional PC link cable (18,900 yen), it can display real-time logged data on the screen and save it while driving. You need to install special software on the gadget to use the logging function with the PC link cable, and that software can be downloaded from M7 Japan's website.



The gadget also possesses a higher logging function than previous models. It can record and replay logging data for more than 30 minutes on its own. It can also access the stock ECU through the OBDII port as well as transfer programme data from a micro SD card. At the current moment, you can only disable the speed limiter for the C24A, but the R.A.C.E.'s maker, M7 Japan, is planning to release programmes for other car models too. The gadget not only has more extra meters, but also a capacity to cope with further additional programmes.



M7

SUPER STREET OIL 10W-40

Contact +EG-178871007

M7's Super Street Engine Oil is a high-performance engine oil that embodies the latest technological advances in lubrication and cooling. It is suitable for both NA and turbo vehicles, and will maximise your engine performance on the street regardless of driving conditions.