

Infiniti G35 - Skyline GTR Powered - Godzilla Reborn

RB26 Power + Infiniti G35 = 625whp GT-R



Having all but conquered the world and crowned itself as the king of the import world, the Nissan Skyline GT-R was put out to pasture. Although legendary, the GT-R's potent RB26DETT power plant, all-wheel drive system and muscular tones are all now dead. There is a new GT-R lurking on the horizon, but for now, the only [car](#) bearing the Skyline nameplate is naturally aspirated. Sold as the Infiniti G35 here in the United States, the smoothly styled Nissan coupe is known as the Skyline in Japan. Rumors abound that the new GT-R will be a variant of the Skyline coupe, stuffed with a turbocharged engine. But what if you took a current G35 and crammed a tuned RB26 engine into it? Would you then have yourself the new Skyline GT-R, or would you just be labeled a mad scientist?



James Evans, owner of JE Import Performance in Baltimore, found himself in just that situation. This Infiniti G35 [coupe](#) originally arrived at JE in dire need of help. An unscrupulous shop had installed an overly ambitious nitrous oxide system, which blew the stock VQ35 engine in short order. The owner came to Evans looking for a new engine, and the brainstorming began. Looking to build something stronger and a little different, the decision was made to swap to a RB26 GT-R engine. Having tackled numerous RB26 engine swaps, mostly into 240SX bodies, JE was up to the challenge. As a Honda Challenge champion and former Speed World Challenge team member, Evans knows a thing or two about building a fast car.

After removal of the ailing VQ35 engine, the first task was to fit the RB26 into the engine bay. JE Import Performance tackled the task with a custom set of motor mounts, a front cross member, a modified oil pan and all the necessary wiring modifications. Keeping in mind the popularity of such an idea, JE is going forward with a production version of this kit by the time you read this. So if you want to put a RB26 into almost any Nissan FM platform, whether it be a 350Z or G35, you know who to call. Evans let us know that the drivability is impeccable as well. By using an A'PEXi Power FC standalone engine management system and a few wirings mods to allow the headlights and other such accessories to work, the car drives as well as any other street legal daily driver.



Currently outfit to put out near 680-690whp, if the need calls for it, the tuning has been conservative, but still peaks above the 620whp mark. The stock engine internals are still utilized, although the crankshaft has been knife-edged and the connecting rods shot-peened. The cylinder head was given a port and polish job before being cinched down with ARP head studs. Hotter HKS 264-duration camshafts are used up top, along with HKS adjustable cam gears. The stock RB26DETT intake plenum was removed along with the factory individual throttle body setup. A polished GReddy unit is now used on top of a Thermalnator heat barrier gasket, and has been heavily modified in order to clear the G35's body, as well as to provide a mounting spot for the single Infiniti Q45 throttle body. JE Import Performance expects to have a production intake plenum available for those looking to complete this swap.



Although many RB-swapped 240SX owners choose to use the rear-drive RB25 transmission from the Skyline GT-S, JE chose to keep the RB26 all-wheel drive transmission. In order to use the AWD setup in the rear-drive G35, a few choice modifications had to be made. The front axles were dumped, along with the transfer case off the side of the transmission. A custom driveshaft is used, and a JE Pro Fab custom shift lever was made to give the [car](#) a completely stock look interior-wise.



The suspension setup is relatively mild, consisting of TEIN Type Flex coilovers with custom spring rates. The suspension is set up low and mean, giving the GReddy bodykit even more of an intimidating appearance. Dropped on top of 19-inch Volk Racing GT-V wheels, this G35 uses 235/35/19 front and 255/40/19 rear Hankook Ventus Sport K104 tires. Plans are already in effect to increase the rear tire contact patch with some wider rubber. The stock brakes remain, flushed thoroughly with Motul RBF600 brake fluid. Although they were axed as a dealer option from current G35 models, this 2004 coupe wears the factory Brembo brake upgrade. Consisting of fixed brake calipers and monster brake rotors, the Brembo system is ready to haul down more than 620whp of speed.



Specs
2004 Infiniti G35 COUPE

Engine
Base Engine: RB26dett
Output: 625 Whp, 506 Lb/Ft Of Torque
Boost: 18 Psi
Pte GT4067r Turbocharger, Shot Peened Stock Connecting Rods, Knife-Edged Stock Crankshaft, Arp Head Studs, Cometic Head Gasket, Port & Polished Cylinder Head, Hks

264-Duration Camshafts, Hks Adjustable Cam Gears, Jun Auto Oil Pump Drive Collar, Stock Pistons And Rings, Greddy Timing Belt, Greddy Engine Pulleys, Custom Modified Greddy Intake Plenum, Infiniti Q45 Throttle Body, Thermalnator Intake Plenum Gasket, Custom Je Pro Fab Intake Pipe, Je Pro Fab Custom Aluminum Oil Pan, Pte 780cc/Min Fuel Injectors, Bosch 365lph In-Tank Fuel Pump, Je Pro Fab Custom Fuel Rail, Adjustable Fuel Pressure Regulator, Stainless-Steel Braided Fuel Lines, Je Pro Fab Custom Engine Mounts, Je Pro Fab Custom Front Crossmember, Je Pro Fab Front-Mount Intercooler System, Je Pro Fab Custom Stainless-Steel Exhaust Manifold, Je Pro Fab 4-Inch Downpipe, Greddy Evo2 Twin 3-Inch Exhaust System, 93 Octane Pump Gas, A'pexi Power FC, Engine Tuning By Je Import Performance

Drivetrain

Stock Rb26dett Transmission Modified For Rwd Use Only
Custom Driveshaft
Custom Je Pro Fab Shift Lever
Competition Clutch
Oem Viscous Lsd
Motul Gear 300 Gear Oil

Suspension

Tein Type Flex Coilovers
Custom Spring Rates

Brakes

Stock Brembo Brakes
Motul Rbf600 Brake Fluid

Wheels & Tires

Volk Racing Gt-V Wheels, 19x10 Front And 19x12 Rear
Hankook Ventus Sport K104 Tires, 235/35/19 Front And 255/40/19 Rear

Exterior

Greddy Bodykit
Custom Modified To Clear Front-Mount Intercooler
Painted Oe Original Brilliant Silver
Paint By Magic Customs

Interior

Aem Uego Wideband A/F Meter Gauge
Autometer Boost, Water Temp And Oil Pressure Gauges
Autometer Dual A-Pillar Gauge Pod
Dual Autometer Gauge Mounting Cups
A'pexi Fc Commander, Installed In Center Armrest
Greddy Profec B-Spec Ii Electronic Boost Controller, Custom Installed In Center Console