



FULL TURBINE KIT **HKS**



GT800 FULL TURBINE KIT for R35 GT-R

[GT 800 Full Turbine Kit]



HKS R35 GT series evolved by the concept of the "higher performance". HKS nail down the barrier of the original turbine and develop the next level of the GT800.

HKS is not just improving the peak power, but also exerts overwhelming performance from regular condition, and the goal for the GT800 is "implementation of symmetry layout" which is not an easy task.

GT800 RACING SPEC. GT800+ RACING SPEC.

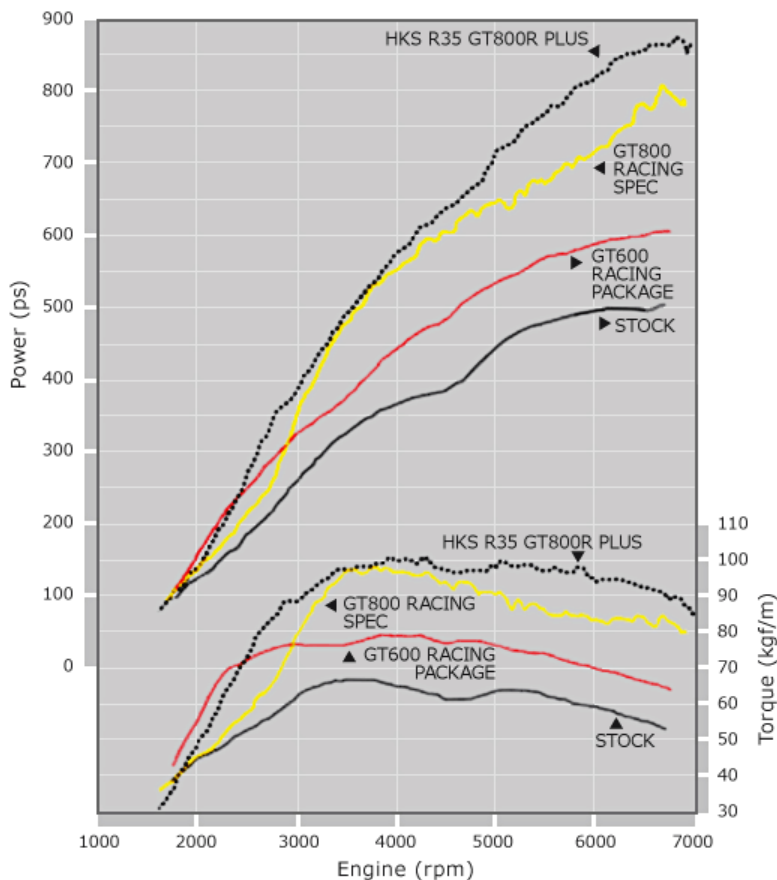
[FEATURES]

- HKS has implemented "symmetry layout" design that is to put each positive rotation and negative rotation turbine to the right and left. Previously, because of short on variation of negative rotation, it was almost impossible to make twin turbo with the optimal size. But HKS has created original turbine which implemented the ideal symmetry layout and completed R35 exclusive turbo kit.
- HKS has adopted "heat-resistant cast steel" for exhaust manifold and turbo housing because they are used in high heat and high-intensity environment. Therefore this kit ensures high durability against heat and fluctuation.
- HKS designed special oil pipe and water pipe to protect from deterioration by the heat.
- The wastegate has adopted GT II which is small and light but still get reliable boost control.



[Performance]

HKS R35 Power Data: GT800+ vs GT800 vs GT600 vs Stock



	power	torque	boost
GT800+Racing SPEC	859ps/6820rpm	103.9kg-m/3950rpm	165-155kPa
GT800 Racing SPEC	804ps/6790rpm	98.7kg-m/3850rpm	165-155kPa
GT600 Racing package	601.6ps/6640rpm	78.9kg-m/3860rpm	120kPa
STOCK	501.6ps/6630rpm	66.4kg-m/3810rpm	Stock

Reference of boost pressure and power	
90kPa	about 570ps (EVC OFF)
120kPa	about 700ps
140kPa	about 750ps
160kPa	about 800ps

* Tested car spec. is based on GT600 Racing Package and engine parts, reinforcement of fuel system and controlled by "R35 Full Control System".

[Complete Parts]

● Main Parts	
Exhaust Manifold	heat-resistant cast spec. φ52 Pipe equivalent
Turbine	GT II 7460 heat resistant cast steel (T/HSG)
Wastegate	HKS GT II φ50
Front Pipe	SUS304 φ60→φ75
Suction Pipe	AL buff specification φ70 between turbine cleaner box(*)
Other short parts	

* Has been configured to use an genuine air cleaner box.

[Precautions]

- Need engine removing and installing work for loading.
- Fuel pump, injector, F-CON, EVC, Engine parts are not included in the kit.
- Please purchase other necessary parts for the GT800 Racing spec. from the additional reference materials.
- The factory default setting for boost pressure of the wastegate is about 90 to 95 kPa. HKS test results. It changes with the engine spec. and exhaust spec. but with EVC, you can get 160kPa.
- Require original water pipe processing.

- Require original Turbocharger heat insulator processing.
- **HKS will not guarantee the damage by installation of this products on engine transmission and others, because this is designed for racing competition.**
- **This product is designed to take off the catalyser, therefore, incompatible with safety standard and illegal to drive public road.**
- **This product is not covered by dealer warranty.**

MODEL		GT II 7460 / GT II 7460R
Control device		Wastegate
corresponding output for each equipment		450
Compressor wheel	Trim	49
	inlet diameter (mm)	52
	Outlet diameter (mm)	74
Compressor housing	inlet diameter (mm)	70
	Outlet diameter (mm)	50
	A/R	0.82
Turbine wheel	Trim	81
	External diameter (mm)	60.0
	Outlet diameter (mm)	54.0
Exhaust housing	Inlet flange	R35 only
	outlet flange	R35 only
	A/R	0.75