

METAL CATALYZER

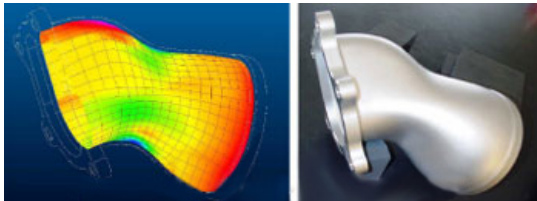


The basic structure is from the 1st catalyzer from exit of turbo to the 2nd catalyzer of Center Pipe. The catalyzer has the most resistant part of exhaust system. Therefore by reducing the resistance here makes turbocharger perform better in boost and performance.

R35 has twin turbo V6 engine and 2 catalyzers set for the turbo exit, so total of 4 catalyzers are mounted. But HKS has developed special Metal Catalyzer for R35. This catalyzer has high performance of purification and at the same time it has low pressure for only 2 of catalyzers.

We employed lost wax method to make inside flow better because the turbo exit extension part has a very big influence. This will let VR38DETT power do its work. For Japanese Automobile inspection, we got exhaust test result certificate and passed exhaust gas regulation.

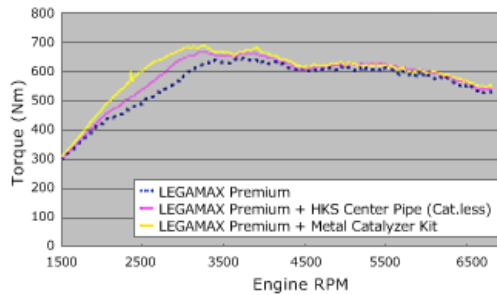
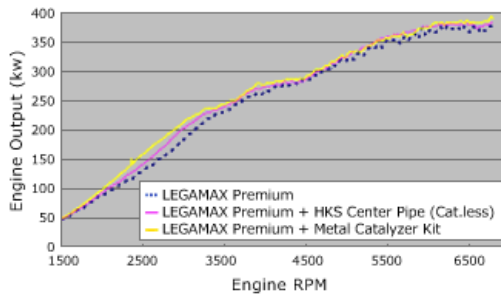
Catalyzer entrance extension Lost wax 3D design

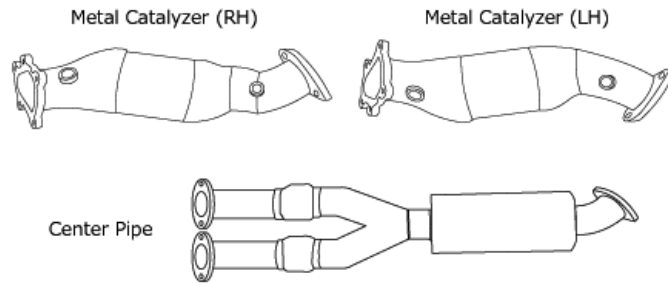


- The extension to connect turbo outlet and catalyzer is designed in 3D.
- HKS Metal Catalyzer is made from one unit for lost wax method and has no step inside.

Catalyzer entrance extension Lost wax 3D design

Close noise level	Sound pressure (dB)
Safety standard	96
JASMA standard	95
HKS Legamax Premium + HKS Metal Catalyzer	93
HKS Legamax Premium	91
Stock	89





Other parts

Part	Quantity	Size
Outlet pipe gasket (RH)	1	
Outlet pipe gasket (LH)	1	
Exhaust pipe gasket	1	φ85
Exhaust pipe gasket	2	φ75
Bolt	6	M10 L=40
Bolt	2	M10 L=25
Nut	8	M10
Spring washer	8	for M10
Plain washer	16	for M10

Vehicle	Model	Engine	Model Year	Pipe Size	Code No.	Remarks
GT-R	CBA-R35	VR38DETT	07/12-08/11	φ85-φ75	33005-AN005	For 485PS (After minor change).