

2-Jet type-INJECTOR UPGRADE

■ Features

Large capacity injectors to compensate insufficient fuel to increase the engine power.

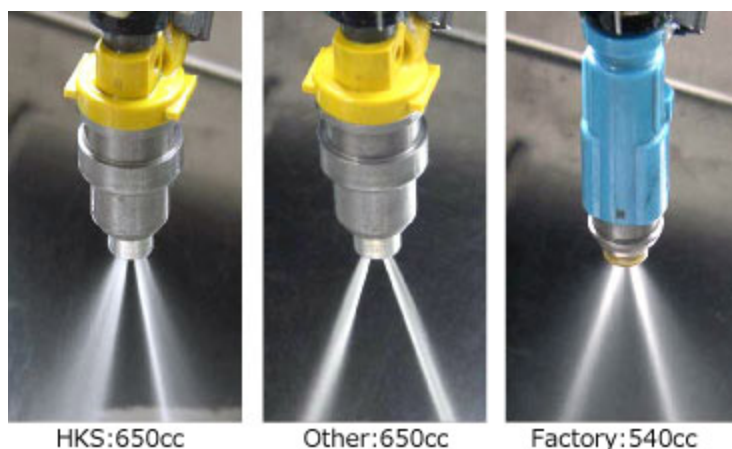
■ Specifications

- Top Feed type
- 2-Jet Spray Type
- 2 Tapered Injection Holes High Resistance (Approx.13Ω)
- Length 54mm / Fuel Rail I.D. 11.0mm

■ Performance

- 2-jet spray type appropriate to use with the 4-valve engine. HKS unique modification improves injection condition.
- 1 jet spray type large capacity injector usually has narrow injection range; therefore, when the injection volume is high, considerable amount of fuel may go along the wall and flow into the cylinder. This may cause the engine knock and improper combustion.
The injection direction of HKS Injectors are set toward the intake valve's head; therefore, fuel dilution can be decreased under acceleration, unnecessary fuel volume increase can be controlled. Also, when the valve is opened, injected gasoline can properly go into the cylinder.
- Other non-HKS injectors sometimes have problems that gasoline carburetion is not processed properly before ignition; this may cause improper combustion and black smoke. This even causes misfiring under acceleration.
- HKS injectors' injection is very fine so fuel can be diluted properly and combustion can be stable. Fine injection can stabilize the engine rpm under idling while injection volume is low, or while the engine is cooling down.
- Differences can be noticed immediately after replacing the factory injectors with HKS Injectors.

*Injection Condition (@300kPa)



HKS:650cc

Other:650cc

Factory:540cc

- HKS 650cc: Wide & fine injection by HKS's unique modification.
- Other 650cc: Narrower injection range & rough injection that cannot improve combustion.
- Factory 540cc: 2-spray direction with 4 holes. Less injection volume & narrow injection range.

■ Components

- Injector x 1
- Connector Set

■ Application

Large size Injector Vehicle other application (Code no. 14002-AK002 ¥17,325 (w/o tax ¥16,500))

Vehicle	Model	Engine Model	Year	Injector volume	Injector type	Connector color	Connector shape	Injection holes	Remark
CALDINA	ST246W	3S-GTE	02/9-07/6	800	Top/high resistance	Purple	Round Upper groove	2 (tapered)	
	ST215W	3S-GTE	97/9-02/8	800	Top/high resistance	Purple	Round Upper groove	2 (tapered)	
SUPRA	JZA80	2JZ-GTE	93/6-02/7	800	Top/high resistance	Purple	Round Upper groove	2 (tapered)	HKS fuel delivery kit required
MARK II	JZX110	1JZ-GTE	00/10-04/10	800	Top/high resistance	Purple	Round Upper groove	2 (tapered)	
MARK II CHASER CRESTA	JZX100	1JZ-GTE	96/9-00/10	800	Top/high resistance	Purple	Round Upper groove	2 (tapered)	

* These are the main applicable vehicles

(ml/min)	Type	Engine	Color	Shape	Hole	(μsec)	Code No.	
650	Top Feed/High Impedance	3S-GTE/1JZ-GTE/2JZ-GTE	Yellow	Round(Upper groove)	2(Taper)	1350	14002-AK003	