

# ■S-Stage bore up kit 181cc / Sports camshaft ■FI CON 2(Injection controller) / Hyper S-Stage bore up kit 181cc GROM / MSX 125

## ■S-Stage bore up kit 181cc

By changing the piston and cylinder, the displacement can be changed from 124cc to 181cc. By installing the FI CON 2(injection controller) simultaneously, can be obtained an output characteristic that is different from the stock engine.

Adopt the all-aluminum ceramic plated cylinder with excellent durability, tightness, heat dissipation.

Outlets for the oil cooler are equipped in the cylinder body.

We have 2 kinds piston for your choice.

The STANDARD for using the high-octane and the ECO for using the regular gasoline.

Compression ratio Standard 11.0:1 / eco 10.5:1

※FI CON2 is required simultaneously.

※Be careful that there are two kinds of FI CON 2, one is for GROM and the other is for MSX125.

## ■Sports camshaft

The optimal profiles to maximize the performance of the stock cylinder head, the output performance will improve.

If remove the auto-decompression parts from stock camshaft, and reinstall into our sports camshaft,

it will be auto-decompression sports camshaft specifications.

■If you have installed only our camshaft with the stock piston and the stock exhaust system, there is no need for FI CON2.

※If you have installed simultaneously our cone oval exhaust system(including slip-on type) and sports camshaft, the FI CON2 (Injection controller) is required.

## ■FI CON 2 [ Injection controller ]

Injection controller which can be changed the settings easily by switching the rotary switch of the main body.

Built-in maps of the fuel injection, can be increased or decreased slightly by simply turning the rotary switch.

※Be careful that there are two kinds of FI CON 2, one is for GROM and the other is for MSX125.

※Don't have the function of the rev limiter cut. Rev limiter rotational speed is the same as the stock.

※Don't install the HID kit simultaneously.

※Don't install the ignition device other than stock simultaneously.

## ■Hyper S-Stage bore up kit 181cc

It is a bargain Kit including S-Stage Bore Up Kit 181cc (with sports camshaft), FI CON2 (injection controller) and a spark plug.



S-Stage bore up kit 181cc



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installation of the oil cooler kit

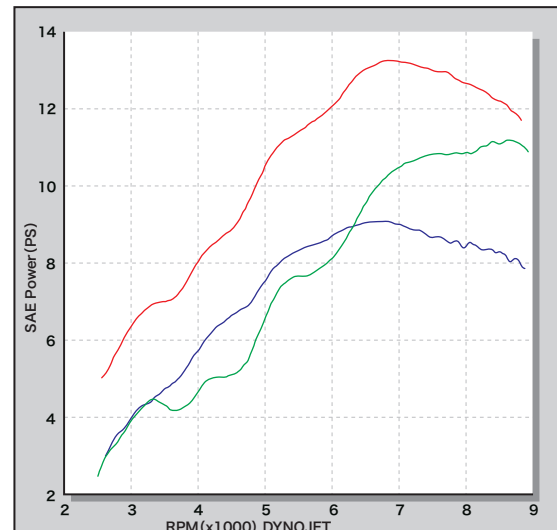
Name	S-Stage bore up kit 181cc	
Applicable model	GROM(JC61-1000001~) MSX125(MLHJC6181D5000001~)	
Item number	Standard (w/sports camshaft)	01-05-0304
	Standard (w/o sports camshaft)	01-05-0303
	eco (w/sports camshaft)	01-05-0323
	eco (w/o sports camshaft)	01-05-0322

Name	Hyper S-Stage bore up kit 181cc	
Applicable model	GROM(JC61-1000001~)	
Item number	Standard (w/sports camshaft)	01-05-0305
	eco (w/sports camshaft)	01-05-0324

Name	Hyper S-Stage bore up kit 181cc	
Applicable model	MSX125(MLHJC6181D5000001~)	
Item number	Standard (w/sports camshaft)	01-05-0306
	eco (w/sports camshaft)	01-05-0327

Name	FI CON 2 [Injection controller]	
Applicable model	GROM(JC61-1000001~) 05-04-0016	
Item number	MSX125(MLHJC6181D5000001~) 05-04-0020	

Name	Sports camshaft	
Applicable model	GROM(JC61-1000001~)	
	MSX125(MLHJC6181D5000001~)	
Item number	01-08-0171	



■Hyper S-Stage kit 181cc  
+Cone oval exhaust system  
■Stock engine+Sports camshaft+FI CON2  
+Cone oval exhaust system  
■Stock Engine(Exhaust System=Stock)  
※To prevent the engine from getting damaged, keep specified rpm range.  
※Tested at the condition of our test facility actual power may vary.