

■ **Hyper S-Stage Bore Up Kit 88cc / 106cc(MIKUNI VM22)**
For 6V / 12V Monkey•Gorilla



The popular “Hyper S-Stage” light Bore up Kit with MIKUNI VM26 carburetor. The Hyper S-Stage include the S-Stage Bore Up Kit and MIKUNI VM22 carburetor Kit, air filter, spark plug and drive sprocket are added in. **※Cannot be used with any other head than a stock head.** There are 2 types of Hyper S-Stage 88cc Kit(12V), Standard type and eco type. Compression ratio:Standard type 11.5:1 eco type 10.5:1 There is a patent-protected SCUT series that you can Bore Up Kit to 106cc with stock crankshaft. The three types of cylinders include a sensor attachment port in which you can install our original LCD thermometer. (Each cylinder require different type thermo sensor.)

- H type cylinder (w/ M5 type thermo sensor): Steel sleeved aluminum cylinder has great heat transfer.
- V Cylinder (Stick Sensor ready): V Cylinder is designed with fins on all 4 sides, of which 2 sides use horizontal fins.



01-05-0047(6V/H cylinder)



01-05-0055(12V/V cylinder/eco)

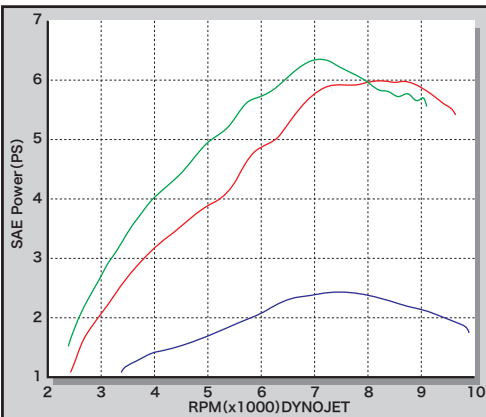


01-05-0053(12V/SCUT cylinder)

Name	Hyper S-Stage Bore Up Kit(MIKUNI VM22)
Applicable model	6V Monkey•Gorilla(2.6ps) (Z50J-1000001~1510400)
Item number	88cc H cylinder 01-05-0047 88cc V cylinder 01-05-0048

Name	Hyper S-Stage Bore Up Kit(MIKUNI VM22)
Applicable model	6V Monkey•Gorilla(3.1ps) (Z50J-1600008~1805927)
Item number	88cc H cylinder 01-05-0049 88cc V cylinder 01-05-0050

Name	Hyper S-Stage Bore Up Kit(MIKUNI VM22)
Applicable model	12V Monkey•Gorilla(Z50J-2000001~ / AB27-1000001~1899999)
Item number	88cc H cylinder / Standard type 01-05-0051 88cc V cylinder / Standard type 01-05-0052 88cc H cylinder / eco type 01-05-0054 88cc V cylinder / eco type 01-05-0055 106cc SCUT cylinder 01-05-0053



■ Graph of power output

※To prevent the engine from getting damaged, keep specified rpm range.
 ※Tested at the condition of our test facility, actual power may vary.

- Hyper S-Stage+D SCUT106cc(MIKUNI VM22 caburetor)+Basic exhaust system
- Hyper S-Stage 88cc(MIKUNI VM22 caburetor)+Basic exhaust system
- Stock engine+Stock exhaust system

■ Optional parts



Z Style exhaust system

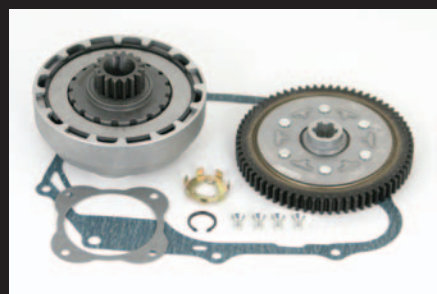


Basic exhaust system



BOMBER (Stage-3) exhaust system

Name	Exhaust system
Applicable model	Monkey·Gorilla(Z50J-1300017~/ AB27-1000001~1899999)
Item number	Z Style exhaust system 04-02-2301
	Basic exhaust system 04-02-2304
	BOMBER (Stage-3) exhaust system 04-02-1800



It is difficult for the engine, if tuned, to sufficiently transmit the power to the drive gear with a stock clutch because of the clutch slippage. In order to improve the transnission efficiency, we designed the clutch of this Kit to comprise three disks and increased the spring rate.

Name	Heavy-duty centrifugal clutch Kit
Applicable model	6V Monkey·Gorilla (Z50J-1000001~1510400)
Item number	02-01-0016

Name	Heavy-duty 3-Friction disk type manual clutch Kit (Primary reduction gear ratio will change from 16/69 to 18/67)
Applicable model	6V Monkey (Z50J-1354719~ for manual clutch) 12V Monkey·Gorilla (Z50J-2000001~/AB27-1000001~1899999)
Item number	02-01-0217

Name	Heavy-duty 3-Friction disk type manual clutch Kit
Applicable model	6V Monkey·Gorilla (Z50J-1600008~) 12V Monkey·Gorilla (Z50J-2000001~/AB27-1000001~1899999)
Item number	02-01-0203