



NO MAKE? NO MODEL? NO PROBLEM!

QUICK LINKS

LEVERS & CONTROLS

CABLES

CARBURETORS

FUEL SYSTEM

INTAKE MANIFOLDS

GAS CAPS

AIR FILTERS

ENGINE STARTER MOTORS

STARTER SOLENOIDS

ENGINE MAGNETO / STATORS

ENGINE VOLATAGE RECTIFIER / REGULATORS

ENGINE CDI UNITS

ENGINE IGNITION COILS

IGNITION SWITCHES

CYLINDER KITS

VALVE KITS

TIMING CHAIN

COMPLETE GASKET KITS

COMPLETE ENGINES

OIL SEALS

OIL DIPSTICKS

OIL FILTERS

STATOR CAPS

RECOIL / PULL STARTERS

CLUTCHES

DRIVE BELTS

DRIVE CHAIN

DRIVE SPROCKETS

BRAKE SHOES / PADS

HUBS

BALL JOINTS

SHOCKS

SPINDLE BRACKETS

BUSHINGS

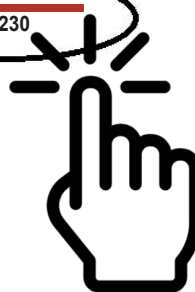
**SEE THE PART YOU NEED?
SIMPLY CLICK TO BUY**

ATV THUMB THROTTLE ASSEMBLY

Fits 7/8" bars. This will work for any 50-250cc 4-stroke ATV. Does not fit on 2-stroke "mini/pocket" units. NOTE: Uses T3 Style cables.



W609-2230



MOTORCYCLE TWIST THROTTLE, TYPE A

Most original offshore units come with lower grade stock twist throttle assemblies that have a tendency to wear down quickly causing operating issues and safety concerns. It is important to replace any faulty twist throttles immediately to ensure the rider's safety. This twist throttle assembly has been designed with quality internals to help improve your vehicle's performance.



W609-2041

BRAKE LEVERS

HYDRAULIC BRAKE LEVER 6.5"

Available for left and right side of unit. To determine which you require, identify from sitting on the unit, not looking at it from the front.



L W609-1980

R W609-1981

BRAKE LEVER DUAL CABLE

Dual Cable Brake Lever: Right Hand Mount for ATVs using a dual cable system from drum brakes. Commonly used on 4-Stroke units 50-125cc ATVs.

Right W609-1983



BRAKE LEVER SINGLE CABLE

Single Cable Brake Lever: Left Hand Mount for ATVs using a single cable system from drum brakes. Fits standard cable ends. Commonly used on 4-Stroke units 50-125cc ATVs. Measures approximately 5.5" in Length.

Left W609-1984

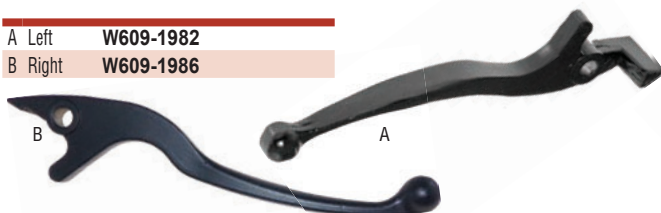


HYDRAULIC BRAKE LEVER 7.0"

Universal hydraulic brake lever, black. Total length of lever is approximately 7".

A Left W609-1982

B Right W609-1986



BRAKE LEVER & PERCH ASSEMBLY

Brake lever and Perch Assembly. Fits standard 7/8" handle bars with single cable brake lever systems with left hand drum brakes using standard cable ends and a 2-wire safety switch. Plastic perch. Commonly used on 2-Stroke units 33-49cc. Lever measures approximately 5.5" in length.

Left W609-1985

SHIFT LEVERS

FOOT LEVER/SHIFTER APPROX 5.25"

Has fixed lever end, not spring loaded. Slides onto a splined shaft non-tapered with a standard fitting.

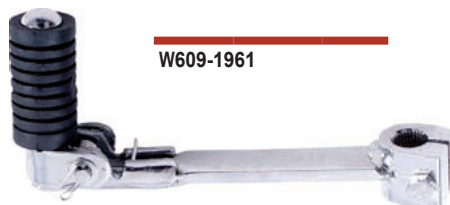
W609-1960



FOOT LEVER/SHIFTER APPROX 5.5"

Spline mount. Lever has flexible spring loaded front bar to reduce risk of damage during a fall.

W609-1961



FOOT LEVER/SHIFTER 10"

Spline mount. Standard thread.

W609-1962



FOOT LEVER/SHIFTER 7.5" ACROSS TOP

Spline mount. Standard thread.

W609-1963



CABLES

How To Measure: Cables are sorted based on the length of the outer sleeve protector, making it easy to find your cable even if the inner wire is broken or missing. Simply measure from end to end of the outer sleeve only. Note that most cables can vary 1/2" on the sleeve length and still fit. It is important to note the distance the inner cable extends past the sleeve as some carburetors require different lengths. Always test your unit before operating.



B1 STYLE BRAKE CABLES



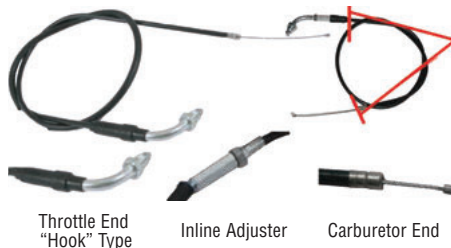
B2 STYLE BRAKE CABLES



C1 STYLE CLUTCH CABLES



T1 STYLE THROTTLE CABLES



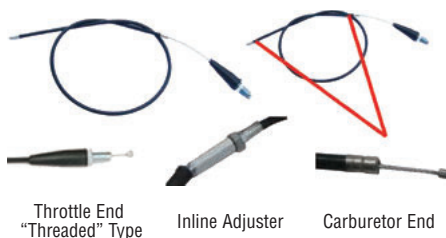
T2 HOOK STYLE THROTTLE CABLES



C2 STYLE CLUTCH CABLES



T3 ATV STYLE THROTTLE CABLES



T4 STYLE THROTTLE CABLES



T5 STYLE THROTTLE CABLES

Outer Sleeve Length Range	Cable Length (Past Sleeve)	
B1 STYLE BRAKE CABLES		
36-38"	3.5"	W609-2050
43-45"	3.5"	W609-2051
B2 STYLE BRAKE CABLES		
33-34"	6"	W609-2054
C1 STYLE CLUTCH CABLES		
32-33"	4"	W609-2081
35-36"	4"	W609-2080
47-48"	4"	W609-2083
C2 STYLE CLUTCH CABLES		
32-33"	3"	W609-2086
35-36"	3"	W609-2087
T1 STYLE THROTTLE CABLES		
23-24"	4"	W609-2100
27-28"	4.5"	W609-2101
69-70"	4.5"	W609-2102

Outer Sleeve Length Range	Cable Length (Past Sleeve)	
T2 HOOK STYLE THROTTLE CABLES		
29-30"	4"	W609-2116
32-35"	4"	W609-2120
67-68.5"	4"	W609-2126
T3 ATV STYLE THROTTLE CABLES		
30-31"	3"	W609-2137
39-44"	3"	W609-2138
T4 STYLE THROTTLE CABLES		
29-30"	4.75"	W609-2150
32-33"	4"	W609-2152
33-34"	4.75"	W609-2153
34.5-35.5"	4.75"	W609-2155
38-40"	4.75"	W609-2158
T5 STYLE THROTTLE CABLES		
80-82"	5.5"	W609-2165



HANDLEBAR RISERS

- Compatible with many 4-Stroke model ATVs.
- Measurements: (Approx.): Width: 3/4"; Length: 2.0"; Height: 3/4" Each Side (1.5" Total height when put together); Bolt Hole Spacing: 35mm (1.4"); Fits Standard Handle Bar: 7/8"

W609-2245

CARBURETORS

It is more affordable to replace the original carb than clean it. Many original carburetors are of lower quality and should be replaced with these quality carbs to ensure reliable performance. Visit online for tech tips and installation videos.

MT-A1 47/49CC 2-STROKE 13MM



Compatible with: 2-stroke models, 47/49mmcc: Type MT-A1. Most commonly used 2-stroke carburetor. Fits pocket bikes, dirtbikes and ATVs. OEM stock replacement part. 13mm diameter opening on engine/intake side. Includes gasket

W609-0100

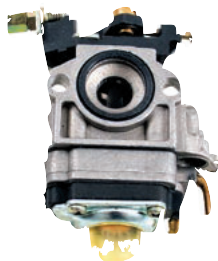
HIGH PERFORMANCE MT-A1 47/49CC 2-STROKE 13MM



Compatible with: 2-stroke models, 47/49mmcc: Type MT-A1 Same application as above, but if you are tired of constantly adjusting your original stock carburetor or having fuel issues this carburetor is your solution. Sold with carb., air filter, intake and intake gasket.

W609-0101

33-36CC STOCK 2-STROKE 10MM



Compatible with: 2-stroke models 33/36cc. 10mm diameter intake opening on engine side. 31mm bolt hole spacing. Fuel pump for quick start. Mounting bolts not included, Gasket included.

W609-0106

43-49CC 2-STROKE



Compatible with: 2-stroke 43 and 49cc models. Type X1/X2/X6/X7. 2-stroke X7 style carburetor with single prime bulb. 2.75" height (excluding primer bulb). Includes gasket.

W609-0108

5.5 - 6.5HP 4-STROKE WITHOUT FUEL FILTER



Compatible with: 5.5-6.5hp General purpose 4-stroke models. Version B without built-in Fuel Filter. Fits Honda GX160 motors and many other 5.5-6.5hp general purpose 4-stroke engines used on lawn mowers, power generators, go-karts and select dirtbikes/motorcycles. 19mm diameter intake opening.

W609-0143

5.5-6.5HP 4-STROKE WITH FUEL FILTER



Compatible with: 5.5-6.5hp General purpose 4-stroke models with built in fuel filter. Fits Honda GX160 motors and many other 5.5-6.5hp general purpose 4-stroke engines used on lawn mowers, power generators, go-karts and select dirtbikes/motorcycles. 19mm diameter intake opening.

W609-0142

50-125CC 4-STROKE HORIZONTAL ENGINES 19MM CARBURETORS



Compatible with: Horizontal 4-stroke 50-125cc models. 19mm carburetor with hand choke. Fits most 4-stroke horizontal style engines that require 19mm opening. Used on ATVs, dirtbikes and mid-sized pocketbikes. BHS 48mm, air filter opening: 35mm. Available in OEM stock version and high performance version.

OEM STOCK VERSION

W609-0122

HIGH PERFORMANCE VERSION

W609-0123

CARBURETORS

It is more affordable to replace the original carb than clean it. Many original carburetors are of lower quality and should be replaced with these quality carbs to ensure reliable performance. Visit online for tech tips and installation videos.

50-125CC 4-STROKE HORIZONTAL ENGINES 16MM

Compatible with: Horizontal 4-stroke models 50-125cc. Replacement stock/OEM carburetor. Fits most 4-stroke engines that require 16mm opening. Air filter intake: 35mm. Bolt hole spacing: 48mm.



W609-0120

125-150CC 4-STROKE HORIZONTAL ENGINES AND VERTICAL ENGINES 26MM CARBURETOR

Compatible with: Horizontal 4-stroke 125-150cc models, and vertical style engines. Replacement stock/OEM carburetor. Fits most 4-stroke engines that require 26mm opening. Air filter size 38mm. Bolt hole spacing: 48mm. Commonly used on 125cc Pitbikes. Set up for both cable and hand choke.



W609-0127

200-250CC 4-STROKE CARBURETOR

Compatible with: Vertical style 4-stroke models. Replacement stock/OEM carburetor. Fits most 4-stroke engines that require 30mm opening. Air filter mount: 42mm. Bolt hole spacing engine side: 48mm. Set up for cable and hand choke.



W609-0126

ELECTRIC CHOKES

Compatible with: GY6 style 4-stroke models.

Application

A GY6 50cc, 2-wire plug	W609-2010
B GY6 125/250cc w/2-wire plug	W609-2011
C GY6 250cc w/2 or 3 wire choke	W609-2012



GAS CAP VENT HOSE WITH TOP CAP

W609-2613



GY6 125/150CC STOCK CARBURETOR WITH ELECTRIC CHOKE

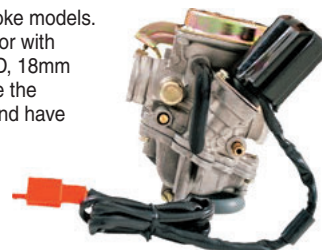
Compatible with: GY6 style 125/150cc 4-stroke models. OEM replacement. GY6 125/150cc carburetor with a Male 2-prong electric choke. Intake: 24mm ID. Air filter mount: 42mm OD, 38mm ID. Increase the horsepower and airflow for your bike and have more fun with the power.



W609-0138

GY6 50CC STOCK CARBURETOR WITH ELECTRIC CHOKE

Compatible with: GY6 style 50cc 4-stroke models. OEM replacement. GY6 50cc carburetor with 2-wire electric choke. Intake: 28mm OD, 18mm ID. Air filter mount: 38mm OD. Increase the horsepower and airflow for your bike and have more fun with the power.



W609-0136

GY6 250CC HIGH PERFORMANCE CARBURETOR WITH ELECTRIC CHOKE

Compatible with: GY6 style 250cc 4-stroke models. High performance replacement. GY6 250cc Keihin carburetor with electric choke. Uses a 2-wire male plug plus ground wire. Intake: 24mm ID. Engine opening diameter: 30mm. Air filter mount: 50mm.

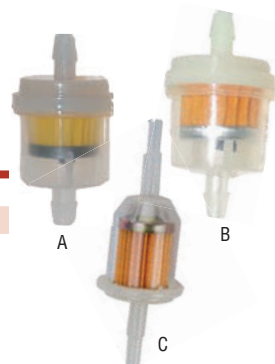


W609-0139

FUEL FILTERS

Fits

A 1/4" Straight	W609-0420
B 3/16" Straight	W609-0421
C 1/4" - 5/16" Straight	W609-0422



FUEL PETCOCKS



TYPE 2 FUEL SHUT OFF/PETCOCK

Type 2 has 3 modes of operation - On/Off/Reserve.
Mounting holes: 1-5/16" (35mm). Fuel line 3/16". Includes gasket ring. Bolts not included.

W609-0451



TYPE 1 FUEL SHUT OFF/PETCOCK

Type 1 with female threads.
Nut: 13.5mm ID. Length: approx. 5" end to end. Fits fuel line with 3/16" ID size.

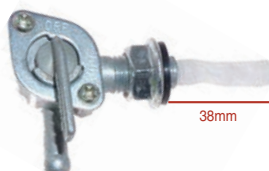
W609-0450



TYPE 3 FUEL SHUT OFF/PETCOCK

Fits fuel line with 3/16" ID.
Positions: ON/OFF

W609-0452



FUEL SHUT OFF/PETCOCK

Fits many dirtbike models. Positions: ON/OFF

Total height: Approx. 2.5"
Thread size: 10mm x 1.25
Fuel line size: 3/16" ID

W609-0453



GY6 50-150CC VACUUM SHUT OFF/PETCOCK

Fits GY6 4-stroke 50-150cc models.
Line Adapters: 4
Fuel Line: 3/16" inner diameter

W609-0401



GY6 50-150CC VACUUM SHUT OFF/PETCOCK

Fits GY6 4-stroke 50-150cc models.
Line adapters: 3
Fuel line: 3/16" inner diameter

W609-0402



GY6 125CC VACUUM SHUT OFF/PETCOCK

Fits GY6 4-stroke 125cc models.
Line Adapters: 2
Fuel Line: 3/16" inner diameter

W609-0403



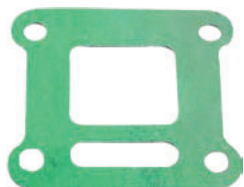
GY6 150-250CC VACUUM FUEL PUMP

Fits GY6 4-stroke 125cc models.
Line Adapters: 3
Fuel Line: 3/16" inner diameter

W609-0400

CARBURETOR/INTAKE GASKETS

MT-A1 47/49CC 2-STROKE



Compatible with: MT-A1 style 47/49cc 2-stroke models. Allows for 4 mounting bolt holes. Size: 2" x 2".

W609-0550

MT-A1 CARBURETOR GASKET



Carburetor gasket fits stock MT-A1 carburetors. Also works with carburetor #609-0100.

W609-0511

FUEL TANK JOINT



Fits many Honda GX models 5.5 HP-13 HP engines as well as many Chinese import brands with a metal fuel tank. Filter threads directly into fuel tank.

W609-2620



49CC 2-STROKE 15MM CARB GASKET

Carburetor gasket for 49cc 2-stroke Pocket style ATV/Bike. Center opening is 15mm in diameter. Gasket has holes for vacuum and 2 holes for mounting. Also fits: FS509, X7 FS529, X1,X2, X8, FS517.

W609-0501

INTAKE MANIFOLDS

27MM VERTICAL MOTOR INTAKE MANIFOLD

27mm vertical motor intake manifold. Intake has 2 studs attached for mounting. Motor side bolt hole mount spacing: 63mm center to center.



Angled	W609-0760
Straight	W609-0775

30MM VERTICAL MOTOR INTAKE MANIFOLD

Intake has 2 studs attached for mounting. Motor side bolt hole mount spacing: 63mm center to center.



Angled	W609-0761
Straight	W609-0776

GY6 50CC 4-STROKE 27MM DOUBLE VACUUM PORT INTAKE MANIFOLD

Made of rubber. Fits GY6 4-stroke 50cc models. Rubber part: 27mm diameter. Metal intake: 16.5mm diameter. Double vacuum tube.



W609-0765

GY6/CF 250CC 4-STROKE 27MM SINGLE VACUUM PORT INTAKE MANIFOLD

Made of rubber. Fits GY6 4-stroke 250cc models. Engine side diameter (metal side): 27mm Carb side diameter (rubber side): 34mm Bolt hole spacing: 57mm center to center



W609-0768

GY6 50CC 4-STROKE 27MM SINGLE VACUUM PORT INTAKE MANIFOLD

Made of rubber. Fits GY6 4-stroke 50cc models. Rubber part: 27mm diameter. Metal intake: 16.5mm diameter. Single vacuum tube.



W609-0764

GY6 125/150CC 4-STROKE 30MM SINGLE VACUUM PORT INTAKE MANIFOLD

Made of rubber. Fits GY6 4-stroke 125/150cc models. Rubber part: 30mm diameter. Metal intake: 22mm diameter. Single vacuum tube.



W609-0766

GY6 125/150CC 4-STROKE 30MM DOUBLE VACUUM PORT INTAKE MANIFOLD

Made of rubber. Fits GY6 4-stroke 150cc models. It is universal for most Chinese scooters, Go Karts and ATVs. Check pictures and specifications for compatibility. Inside diameter: 30mm/22.5mm. Bolt hole spacing: 45mm. Length: 68mm. Double vacuum tube.



W609-0767

ISOLATOR RING/INTAKE MANIFOLD SPACER AND CARB GASKETS

Isolator rings and gaskets are found between the carburetor and the intake manifold on many 4-stroke units. In many cases when suffering from a lack of performance, the original isolator ring will be cracked and or the gasket will require replacement.

Application	Size	Bolt Hole Spacing	
Horizontal 50-125cc	19/20mm	48mm	W609-0564
GY6 50/60/80cc	17mm	45mm	W609-0567
GY6 125/150cc	23mm	45/48mm	W609-0563
Horizontal and vertical 125-150cc	26-28mm	48mm	W609-0565
Vertical 200-250cc	30mm	48mm	W609-0566
VOG/Linhai 250-300cc	28-30mm	62mm	W609-5668



GAS CAPS



50-125CC PLASTIC TANK CAP

Fits plastic tank on 50cc to 110cc ATV's.
1 7/8" ID, 2.75" OD

W609-2616



50-125CC PLASTIC TANK CAP

Fits plastic tank on 50cc-125cc ATVs
and dirtbikes. 44mm/1.75" ID, 2.5" OD

W609-2610



2-STROKE PLASTIC TANK CAP

Fits plastic tank on 2-stroke pocket
bikes and scooters.
2" OD, 1.25" spacing at inner
thread area.

W609-2611



125CC-250CC PLASTIC TANK CAP

Fits plastic tank on 125cc-250cc dirtbikes
and ATVs. 1-7/8" ID, 3.5" OD. Standard
thread size.

W609-2612



110CC-125CC METAL TANK CAP

Fits metal tank on most 110cc-125cc
units with a metal gas tank.

W609-2614

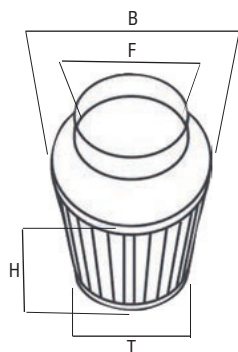


FUEL FILLER CAP

Fits many general purpose
engines 5.5-6.5 HP.

W609-2615

AIR FILTERS



A



B



C



D



E



F



G



H



I



J



K

(F) Flange (Inside Diameter)	(B) Base	(H) Height	(H1) Total Height	(T) Top	Application	Type
A 35mm/1.38	61mm/2.4"	32mm/1.25"	2"	51mm/2"	4-Stroke	Wire mesh, Short cone W609-0801
B 35mm/1.38	74mm/2.9"	63mm/2.5"		51mm/2"	4-Stroke	Wire mesh, Long cone W609-0804
C 35mm/1.38	61mm/2.4"	34mm/1.9"	3.5"	51mm/2"	4-Stroke	Wire Mesh, 90 Bend W609-0805
D 38mm/1.5	74mm/2.9"	61mm/2.4"	3.0"	51mm/2"	2 & 4 Stroke	Wire Mesh, Long cone W609-0806
E 38mm/1.5	89mm/3.5"	80mm/3"	3.5"	89mm/3.5"	4-Stroke	Foam Filter, High perf. W609-0812
F 38mm/1.5	89mm/3.5"	80mm/3"	3.5"	89mm/3.5"	4-Stroke	Foam Filter, High perf. W609-0811
G 42mm/1.7"	74mm/2.9"	61mm/2.4"	3"	74mm/2.9"	4-Stroke	Wire Mesh, Long cone W609-0807
H 42mm/1.7"	73mm/2.7"	32mm/1.25"	2"	51mm/2"	2 & 4 Stroke	Wire Mesh, Short cone W609-0816
I 48mm/1.9"	74mm/2.9"	63mm/2.5"	80mm/3"	51mm/2"	2 & 4 Stroke	Wire Mesh, Long cone W609-0809
J 52mm/2.05	74mm/2.9"	61mm/2.4"	80mm/3"	51mm/2"	4-Stroke	Wire Mesh, Long cone W609-0810
K 58mm/2.30	74mm/2.9"	32mm/1.25"		51mm/2"	2-Stroke	Wire Mesh, Short cone W609-0813

AIR CLEANER ELEMENT ASSEMBLY 5.5-6.5 HP

Element assembly air cleaner
for GPE 5.5-6.5 HP motors.

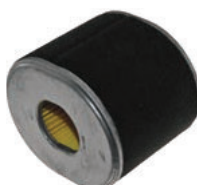
W609-0819



AIR CLEANER ELEMENT ASSEMBLY 11 - 13HP

Element assembly air cleaner for GPE 5.5-6.5 HP motors

W609-1820



AIR FILTER AND BOX

2.5" W x 3.25" L x 1.25" H.
Kit includes: Filter and box.

W609-0800



50-125CC 4-STROKE HORIZONTAL ENGINES



FITS

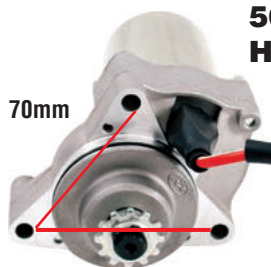


Fits all 4-stroke engines 50-125cc ATVs, dirtbikes and Go Karts with "Under the Engine Lower" mounted starters. 12V system. Sold with wire. If starter is mounted above engine, use #609-1800.

SPECS: 12T sprocket, Bolt hole spacing: 68mm/2.7" from center to center. Length end to end: 5.75". Sold as complete assembly, may look different if the customer only brings the casing when seeking parts. If it's below the engine, it's this part.

W609-1801

50-125CC 4-STROKE HORIZONTAL ENGINES



78.5mm

FITS



Fits all 4-stroke engines 50-125cc ATVs, dirtbikes and Go Karts with "Over the Engine Upper" mounted starters. 12V system. Sold with wire. If starter is mounted below engine, use #609-1801.

SPECS: 12T sprocket, Bolt hole spacing: 78mm and 70mm. Length end to end: 5.75". Sold as complete assembly, may look different if the customer only brings the casing when seeking parts. If it's over the engine, it's this part.

W609-1800

9T GY6/CF250CC 4-STROKE WATER-COOLED ENGINES



Fits GY6/CF250cc 4-stroke water cooled engine scooters, ATVs and Go Karts. Teeth: 9; Length (end to end) 6"; Length (main case: 4"; Bolt hole spacing: 39mm/1.5", 2 bolt; Terminal connection: single post; Voltage system: 12V) Wire not included.

W609-1808



9T 125-250CC 4-STROKE VERTICAL AIR COOLED ENGINES

Fits 125cc-250cc air and water cooled engine ATVs, dirtbikes and go karts. Teeth: 9; Length (end to end) 6.5"; Length (main case: 4"; Bolt hole spacing: 2", 2 bolt; Terminal connection: single post; Voltage system: 12V. Wire not included.

W609-1802

9T GY6 125/150CC 4-STROKE ENGINES



Fits GY6 125/150cc engine on ATVs, scooters and Go Karts. Teeth: 9; Length (end to end) 5"; Length (main case: 3.5"; Diameter: 2.35"; Bolt hole spacing: 3", 2 bolt; Terminal connection: single post; Voltage system: 12V. Bronze/gold in color. Wire not included.

W609-1805



11-13HP GENERAL PURPOSE ENGINES

Fits general purpose 11-13hp engines. Teeth: 14; Length (end to end): 8.5"; Bolt hole spacing: 3.25"; Voltage system 12V; includes solenoid

W609-1810

200-300CC GENERAL PURPOSE ENGINES



Fits many Chinese makes/models including Jianshe & Baja Motorsports with 200-300cc engines. Teeth: 9; Mounting holes: 2; Voltage system: 12v; Rotation configuration CCW

W609-1809



10T GY6 50CC 4-STROKE ENGINES

Fits GY6 50cc engines and 50cc moped/scooter engines. Teeth: 10; Length (end to end) 4.5"; Length (main case: 3"; Diameter: 1.85"; Bolt hole spacing: 2.75", 2 bolt; Terminal connection: single post tab; Voltage system: 12V. Bronze/gold in color. Wire not included.

W609-1804

STARTER SOLENOIDS

TECH TIP: Many times users burn out the original solenoid when starting. Replace with this higher quality solenoid to improve performance and/or repair damaged solenoids.

UNIVERSAL 50-250CC HORIZONTAL 4-STROKE SOLENOID

Fits 4-stroke horizontal engines from 50-150cc and many other engine types up to 250cc ATVs, dirtbikes and Go Karts.
SPECS: 2 Wire male plug.



W609-1831

UNIVERSAL 50-250CC HORIZONTAL 4-STROKE SOLENOID

Fits 4-stroke horizontal engines from 50-150cc and many other engine types up to 250cc ATVs, dirtbikes and go karts.

SPECS: 2 wire female plug. Wire length: approx. 9".



W609-1830

UNIVERSAL 250-700CC SOLENOID

Fits 250-700cc models.

SPECS: 2-pole solenoid with built in fuse holder (20 amp) and 4 pin adapter. Comes with spare fuse.

Note: Use this solenoid only to replace solenoids that require a 20amp fuse. If it's a 10amp fuse then you must change the fuse BEFORE installation.



W609-1832

GY6 50CC STARTER GEAR

Fits GY6 50 Style Motors Top Gear: 14 Tooth
Bottom Gear: 65 Tooth Count Upper Gear.



W609-0232

GY6 50CC STARTER GEAR ASSEMBLY

Includes gears, shaft sleeve, spring, washer and circlip. Shaft length 48mm/1.9"



W609-0234

GY6 125-150CC KICK STARTER GEAR SHAFT

Includes Gear Shaft 120mm/4.75", Spring(1), Washer(1), Collar Sleeve(1)



W609-0231

GY6 125-150 STARTER CLUTCH

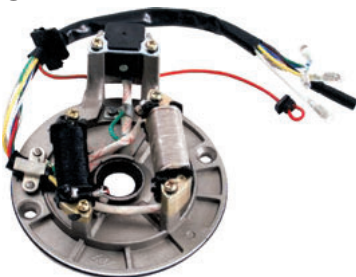
Professional grade high quality starter clutch assembly. Fits GY6 125-150cc engines. If your engine starter runs but won't catch...this is the problem. Sold complete.



W609-1137

MAGNETO/STATOR 50-125CC KICKSTART 4-STROKE

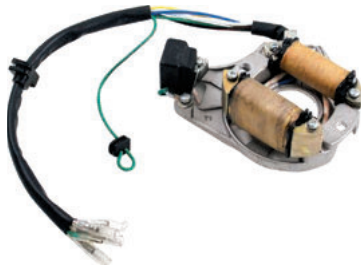
Fits 50-125cc kickstart horizontal 4-stroke dirtbikes.
SPECS: 18mm center hole, 4.5" backing plate, 102mm/4" bolt hole spacing, O-ring sealed. 2 coil, 6 wire, 2 male and 4 female plug. Pickup included.



W609-1502

MAGNETO/STATOR 50-125CC ELECTRIC START 4-STROKE

Fits 50-125cc electric start Horizontal 4-stroke dirtbikes, ATVs and Go Karts.
SPECS: 5 wire + 1 loose wire quick connect. 33mm/1.3" center hole diameter, 70mm/2.75" bolt hole spacing. 2 coil, 6 wire, 2 male and 4 female plug. Pickup included.



W609-1503

50/90/110/125CC ELECTRIC START 4-STROKE 6-COIL MAGNETO/STATOR

Fits 50-125cc electric start Horizontal 4-stroke dirtbikes and ATVs. Also compatible with 70cc Overhead Horizontal electric start models.
SPECS: 29mm/1.1" center hole. Bolt hole spacing: 1.65"x1.35". 6 coil, 5 wire, female plug.



W609-1510

50CC 8-COIL MAGNETO/STATOR

Fits Vertical and GY6 4-stroke 50cc moped/scooters.
SPECS: 8 coil, 3 wire female plug, 2 loose wire female adapters, 29mm/1.1" center hole, 42mm/1.65" bolt hole spacing. Includes pickup.



W609-1512

150-250CC 8-COIL MAGNETO/STATOR

Fits Vertical 4-stroke water/air cooled 125cc-250cc Zongshen engine ATVs and dirtbikes.
SPECS: 8 coil, 5 loose wire female adapters, 32mm/1.25" center hole, 42mm/1.65" bolt hole spacing. Includes pickup.



W609-1514

50/90/110/125CC ELECTRIC START 4-STROKE 4-COIL MAGNETO/STATOR

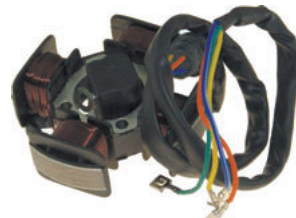
Fits 50-125cc electric start Horizontal 4-stroke dirtbikes and ATVs. Also compatible with 70cc Overhead Horizontal electric start models.
SPECS: 32mm/1.25" center hole diameter. 4 coil, 6 loose wire (5 wires plus ground), 2 male and 4 female wires.



W609-1504

50-125CC ELECTRIC START 4-STROKE 4-COIL MAGNETO/STATOR

Fits 50-125cc electric start Horizontal 4-stroke units.
SPECS: 32mm/1.25" center hole diameter. 4 coil, 4 18" loose wire (female spades), 3 + 2 mounting holes, 42mm bolt hole spacing. Pickup included.



W609-1521

150CC 6-COIL MAGNETO/STATOR

Fits 125cc-150cc ATVs and Go Karts. 6 coil, mounts with two bolts. 4 pin female plug but only uses 3 of the 4 slots (wht/yel/grn), 2 loose wires - 1 blue/wht and 1 red/black with female plug ends. Includes pickup.



W609-1511

125/150CC 8-COIL MAGNETO/STATOR

Fits GY6 4-stroke 125/150cc ATVs and Go Karts.
SPECS: 8 coil, 4 wire male plug (uses only 3 of the 4 wire slots available), 2 loose wire female adapters, 29mm/1.1" center hole, 42mm/1.65" bolt hole spacing. Includes pickup.



W609-1513

CF250CC 18-COIL MAGNETO/STATOR

Fits CN/CF250cc 4-stroke mopeds, scooters and go karts and CF172mm (250cc) water cooled models.
SPECS: 18 coil, 3-pin female plug (3 yellow wires), 1 loose wire female adapter, 42mm center hole, 21" wire length.



W609-1520

ENGINE VOLTAGE RECTIFIER / REGULATORS

150-250CC 5 WIRE REGULATOR

Fin Count: 9, Wires: 5,
Connector Type: Female
Connector (Has space for 6
Wires uses only 5), Mount
Type: 2 Bolt Holes, Bolt Hole
Spacing (Center to Center):
2.2", Type: 12V
Measurements:
2.6"L x 2.3"W x 0.9"H.



W609-1563

CF172MM 250CC WATER COOLED ENGINE 6 WIRE (2 CONNECTORS 3/3 PIN) REGULATOR

Fin Count: 8, Wires: 6 (3/3), Wire
Length: 6.0", Mount Type: 2 Bolt
Holes, Bolt Hole Spacing (Center
to Center): 2.5" (** Has room for
play.), Type: 12V, DC
Connector Type:
Connector #1: 3 Pin, Female
Connector (Black/Red/Green)
Connector #2: 3 Pin, Male
connector (All Yellow)
Measurements:
3.0"W x 2.6"L x 1.0"H



W609-1565

150-250CC 5 WIRE REGULATOR

Fin Count: 9, Wires: 5, Wire
Length: 5" Approx., Connector
Type: Male Connector (Has
space for 6 Wires uses only
5), Mount Type: 2 Bolt Holes,
Bolt Hole Spacing (Center to
Center): 2.2", Type: 12V
Measurements:
2.6"L x 2.3"W x 0.9"H



W609-1564

150-250CC GY6 STYLE ENGINES 4 PIN REGULATOR

Pin Count: 4, fin count (top): 8, fin count (sides): 5, connector
type: female connector, mount type: single bolt. Type: 12V
Measurements:

2.75"L (end to end, including
mounting tab and connector.)
x 2" W x 1" H.



W609-1561

150-250CC 4 WIRE REGULATOR

Fin Count: 9, Wires: 4, Wire Length: 5-6", Connector Type: Male
Connector (Has space for 6 Pins but uses only 4), Mount Type: 2 Bolt
Holes, Bolt Hole Spacing (Center to Center): 2.2", Type: 12V,

Measurements:
2.6"L x 2.3"W x 0.9"H



W609-1562

50-125CC HORIZONTAL 4 STROKE 4 PIN REGULATOR

Pin Count: 4, Fin Count: 7, Connector Type: Female
Connector (Directly Attached to Regulator), Mount Type:
Single Bolt Hole, Type: 12V

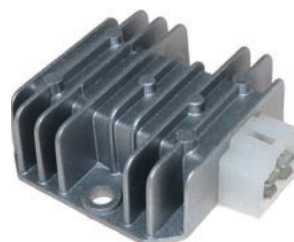
Measurements:
2.65"L (End to End including
Bracket and Plug) x 1.4"W x .80"H.
Your original part may be black or
silver/grey in color, color does not
matter for this part.



W609-1560

50-150CC GY6 STYLE ENGINE 4 PIN REGULATOR

Pin Count: 4, Fin Count: 9, Connector Type: Female Connector (Attached to Regulator/Rectifier),
Mount Type: 2 Bolt Holes, Bolt Hole Spacing (Center to Center): 2.2", Type: 12V
Measurements:
2.60"L x 2.30"W x 0.9"H



W609-1566

ENGINE CDI UNITS



	Pins	Plug Color	Plug Type	Length"	Width"	Depth"	Engine Type/Application	
A	4	Green	Female DC	3	1.5	1	Horizontal Engines 70-125cc	W609-0900
B	5	White	Female AC	2.5	1.5	.85	Horizontal Engines 50-125cc	W609-0901
C	5	Green	Female AC	2.5	1.5	.85	Horizontal Engines 50-125cc	W609-0905
D	5	White	Female AC	2.25	1	.85	Horizontal Engines 50-125cc	W609-0902
E	5	Green	Female AC	2.25	1	.75	Horizontal Engines 50-90cc	W609-0906
F	6 (4/2)	White	Female AC	2.5	1.5	.85	Horizontal Engines 50-250cc	W609-0912
G	6 (4/2)	White	Female AC	2.5	1.5	1	GY6 Engines 50-150cc	W609-0913
H	6 (4/2)	White	Female AC	3.5	2.25	---	GY6 Engines 50-150cc	W609-0914
I	6 (4/2)	White	Female DC	3	2	.8	CN/CF, GY6 Engines 250-500cc	W609-0915
J	6 (4/2)	White	Female DC	2.75	2.875	.9	Vertical Engines, Water Cooled GY6 250cc, 150-250cc	W609-0920
K	8 (4/4)	---	Male (1), Male (1)	3.75	2.75	1	Vertical V-Twins XV/LF/ZS 250c	W609-0922
L	6	---	DC	2.75	2	1	250cc-300cc	W609-0923
M	7 (2/2/3)	---	Male (2), Females (2), Male (3)	2.75	2 tapered	1+	250cc-300cc	W609-0924
N	7	White	4 Pin Female & 3 Pin Triangular Female AC	5	2 tapered	1.125	250cc-300cc JC	W609-0930
O	8	Black	Single plug DC	3.5	2.75	1	250cc/260cc/300cc	W609-0931
P	5	White	Female DC	4.3	3.15	1.25	400cc	W609-0932
Q	18	Black	AC 4, 8 & 6 Pin connectors	4.25	3	.5	350-400cc	W609-0933

LIGHT BULBS

Description	
A 12V 35W dual contact	W609-1473
B 12V 35W dual contact	W609-1474
C 12V 35W dual contact	W609-1475
D 12V 21/5W dual contact	W609-1476



ENGINE IGNITION COILS

IGNITION COIL 250/260/300 4-STROKE

250/260/300cc Ignition coil. Metal cap end. 2 bolt hole for mounting, bolt(s) not included, metal spark plug cap included. Bolt hole spacing: 80mm
Coil body length: 2.4" long approx.
Total coil length: 3.6" long



W609-0733

GY6 250CC 4-STROKE IGNITION COIL

GY6 250 Ignition Coil Easy installation and removal. Wire length: 19", 1 bolt hole for mounting, bolt(s) not included, spark plug cap (135° angle).



W609-0725

GY6 250CC 4-STROKE IGNITION COIL

GY6 250cc Ignition Coil. Metal Cap Version. fits Zhen, Jonway Motor, and other.
1 bolt hole for mounting, bolt(s) not included, spark plug cap included.



W609-0731

GY6 250CC 4-STROKE IGNITION COIL

GY6 250cc Ignition coil, single bolt mount, metal spark plug cap included.



W609-0736

47-49CC MT-A1 2-STROKE IGNITION COIL

Fits 47/49cc MT-A1 2-stroke pocket bikes, scooters, dirtbikes and ATVs.
Wire length: 138mm, Bolt hole spacing: 2.1" (53mm), 2 wire, rubber spark plug cap.



W609-0720

GY6 50-150CC 4-STROKE HIGH PERFORMANCE ORANGE IGNITION COIL

High Performance upgrade ignition coil.



W609-0726

125-250CC 4-STROKE IGNITION COIL

Fits 125-250cc Vertical engine dirtbikes and ATVs. Wire length: 15+"
Bolt hole spacing: +/- 57mm



W609-0727

150CC GY6 4-STROKE IGNITION COIL

Fits 125-150cc GY6 4-stroke and select horizontal engines. Provides higher intensity sparks and energy. Gives quick throttle response and a quicker rev with more pull through the RPMs.



W609-0724

50-150CC 4-STROKE IGNITION COIL WITH MOUNTING BRACKET

Fits many 50-150cc 4-stroke dirtbikes, ATVs and Go Karts. Horizontal and vertical engines. Plug wire length: 17", Elec. wire length: 10", Single hole mount, 2 wire version, rubber spark plug cap. Mounting bracket included.



W609-0721

50-150CC 4-STROKE IGNITION COIL

Fits many 50-150cc 4-stroke dirtbikes, ATVs and Go Karts. Horizontal and vertical engines. Wire length: 8", Bolt hole spacing: 58mm, 2 wire version, rubber spark plug cap.



W609-0722

GY6 50CC 4-STROKE IGNITION COIL

Ignition Coil for Mopeds Scooters, ATVs and Go Karts / GY6 Engine Vehicles. Wire length: 14", 1 bolt hole for mounting, M6 bolt not included, spark plug cap.



W609-0723

IGNITION SWITCHES

6 WIRE 4-STROKE IGNITION SWITCH MALE PLUG

Fits 6 wire Horizontal, GY6 and Vertical 4-stroke models. Metal ignition has 6-wire male plug adapter.



Note: Plug has 9 slots but only uses the outer 3 on each side leaving the center row empty. Wire length approx. 10". Requires 24mm in diameter to fit.

W609-1432

5 WIRE, 3 POSITION 4-STROKE IGNITION SWITCH FEMALE PLUG

Fits 5 wire Horizontal, GY6 and Vertical 4-stroke models. Commonly found on 4-stroke 150-300cc+ models.

Plastic ignition has 5-wire/pin female, 3 positions. 24mm diameter at threads. 2.4" total height.

Note: Male plug has 6 pins but only uses 5 pins.



W609-1434

4 WIRE 4-STROKE IGNITION SWITCH MALE PLUG

Fits 50-300cc 4 wire Horizontal, GY6 and vertical 4-stroke models. Usually found in 50-300cc ATVs, dirtbikes, scooters and dune buggies. Plastic ignition for 4-strokes. Male adapter plug.



W609-1433

4 WIRE UPGRADE SEALED IGNITION SWITCH MALE PLUG

Compatible with various engine sizes and models including ATVs, Dirtbikes, Dunebuggies and Scooters.



W609-1431

4 WIRE 4-STROKE SEALED IGNITION SWITCH FEMALE PLUG

Compatible with various engine sizes and models including ATVs, Dirtbikes, Dunebuggies and Scooters.



W609-1430

3 WIRE 4-STROKE IGNITION SWITCH

Fits many units with 3 wire switch - Horizontal, GY6, vertical and CN/CF/CG 4-stroke models. 24mm diameter at threads. 2.5" H. Wires not included.



W609-1435

KILL SWITCHES

UNIVERSAL KILL SWITCH

Specs: Run/Off, 2-wire, wire length 26". Mounts to 7/8" handlebar.



W609-1450

2-STROKE AND 4-STROKE KILL SWITCH

Specs: Run/Off, Single-wire. Mounts to 7/8" handlebar.



W609-1451

RADIATOR TEMP SENSOR GY6/CF250CC MOTORS

16MM Thread; 2 Prong Fitting.



W609-1140

CYLINDER KITS

Kits include: Cylinder, piston, rings, wrist pin w/circlips and head/base gaskets.

Application

HORIZONTAL ENGINES

70/90cc	W609-1100
110cc	W609-1101

VERTICAL ENGINES

125cc w/13mm wrist pin	W609-1106
125cc w/15mm wrist pin	W609-1107
150cc w/13mm wrist pin	W609-1108
200cc w/15mm wrist pin	W609-1110

GY6

50CC	W609-1102
150cc	W609-1104
180cc	W609-1105



VALVE KITS

Kits include: Intake and exhaust valves, valve springs, retainers, locks and seals.

Application

GY6 ENGINES

125/150cc	W609-1115
CF250	W609-1116

HORIZONTAL ENGINES

50cc	W609-1111
70-110cc	W609-1112
125cc	W609-1113

Application

VERTICAL ENGINES

125/150cc	W609-1117
200cc	W609-1118
250	W609-1119

VOG/LINHAI ENGINES

250/260/300cc	W609-1130
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TIMING CHAIN KIT

Kits include: Timing chain, cam sprocket and idlers

Application

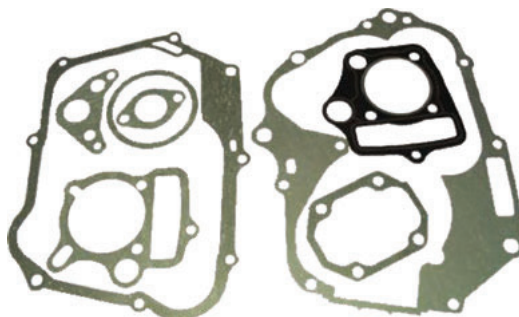
Horizontal 50-110cc	W609-1125
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COMPLETE GASKET KITS

Application

50/70/90/110cc 4-Stroke horizontal engines	W609-0601
125cc 4-Stroke horizontal engines, Honda style engines	W609-0602
50cc GY6 Engines, all	W609-0605
125/150cc GY6 Engines, all	W609-0606
250cc GY6 engines, Water cooled	W609-0607
125/150cc Air cooled vertical	W609-6115
200/250cc Air cooled vertical	W609-6114



TOP END GASKET SETS

Application

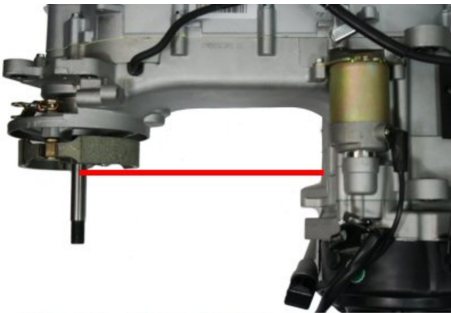
50/70/90/110cc 4-Stroke Horizontal Engines	W609-0632
125cc 4-Stroke Horizontal Engines	W609-0634



150cc GY6 4-STROKE LONG-CASE ENGINE

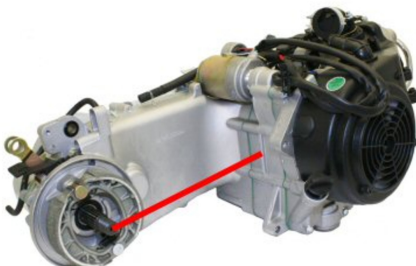
220-42

Premium Quality, Hand Inspected, QC Verified
Style: Long case
Engine Type: GY6 Single Cylinder 4-Stroke
Cooling: Air Cooled
Displacement: 149.6cc
Cylinder/Piston: 57mm
Starting: Electric/kick
8 Coil A/C Stator
Output Shaft Length: 121mm
Distance Between Mounting Points: 5 Inches
Set Up For Rear Drum Brake: 125mm
Set Up for PAIR Emissions System
Includes Premium Bando Drive Belt & NGK Spark Plug
Engine Oil: 0.75 Liters
Gear Oil: 0.17 Liters (6 fl. oz.)

**11.25 inches****150cc GY6 4-STROKE SHORT-CASE ENGINE**

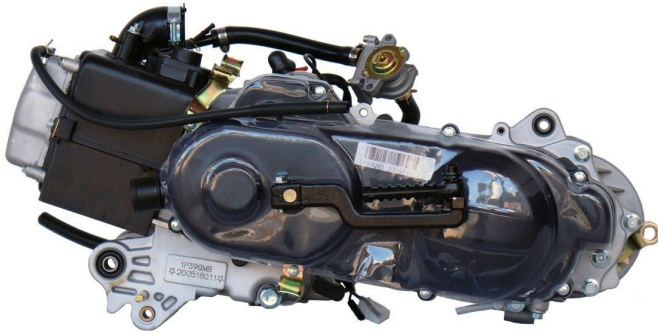
220-46

Premium Quality, Hand Inspected, QC Verified
Style: Short case
Engine Type: GY6 Single Cylinder 4-Stroke
Cooling: Air Cooled Displacement: 149.6cc
Cylinder/Piston: 57mm
Starting: Electric/kick
8 Coil A/C Stator
Output Shaft Length: 58mm
Set up for Rear Drum Brake
Set Up for PAIR Emissions System
Includes Premium Bando Drive Belt & NGK Spark Plug
Engine Oil: 0.75 Liters
Gear Oil: 0.17 Liters (6 fl. oz.)

**9.5 inches**

50cc QMB139 4-STROKE SHORT-CASE ENGINE

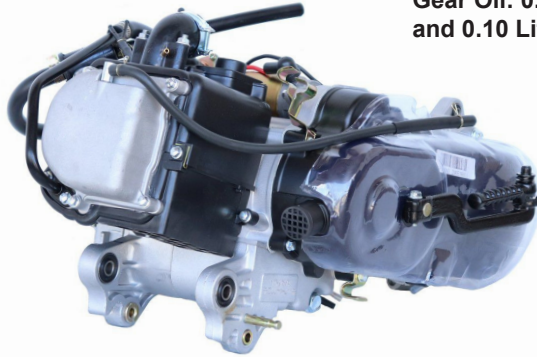
220-40



Premium Quality, Hand Inspected, QC Verified
 Output Shaft Length: 54mm
 CVT Cover (short case): 16 inches
 Set up for drum brake
 Set Up for PAIR Emissions System
 69mm Valves
 8 Pole A/C Stator
 Includes Premium Bando Drive Belt & NGK Spark Plug
 Engine Oil: 0.8 Liters
 Gear Oil: 0.12 Liters (filling) and 0.10 Liters (changing)



9.5 inches

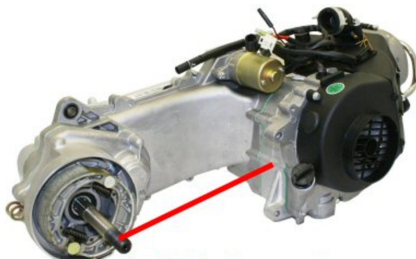


50cc QMB139 4-STROKE LONG-CASE ENGINE

220-41



Premium Quality, Hand Inspected, QC Verified
 Output Shaft Length: 122mm
 Accommodates 12-13 Inch Wheel Size
 Set Up For Drum Brake
 Set Up for PAIR Emissions System
 8 Pole A/C Stator
 69mm Valves
 Includes Premium Bando Drive Belt & NGK Spark Plug
 Engine Oil: 0.8 Liters
 Gear Oil: 0.12 Liters (filling) and 0.10 Liters (changing)



10.75 inches

OIL SEALS

Oil seal kit for 50-125cc ATVs, dirt bikes and Go karts with horizontal style engines. Seal dimensions:



- #1 18.9mm I.D.x30mm O.D.x5mm;
- #2 17mm I.D.x29mm O.D.x5mm;
- #3 11.6mm I.D.x24mm O.D.x10mm;
- #4 13.7mm I.D.x24mm O.D.x5mm;
- #5 12mm I.D.x21mm O.D.x4mm.

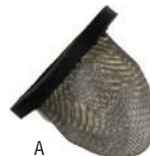
W609-0670



Exhaust gasket for 4-stroke horizontal and GY6 engines.

W609-0653

OIL FILTER SCREEN



A



B

Description

A	GY6 Engine	W609-1730
B	50-150cc 4-stroke horizontal engines	W609-1731

OIL DIPSTICKS

50-125CC HORIZONTAL ENGINES



OEM plastic replacement engine oil dipstick. Fits 4-stroke horizontal engines between 50-125cc. Dipstick uses a standard thread size. Length from end to end is approximately 3".

W609-0200

125-250CC VERTICAL AND HORIZONTAL ENGINES

Quality plastic replacement engine oil dipstick. Fits vertical style engines between 125-250cc and horizontal style engines between 125-250cc. Length from end to end is approximately 5".



W609-0202

50-150CC GY6 HORIZONTAL ENGINES

OEM plastic replacement engine oil dipstick. Fits 4-stroke GY6 horizontal engines between 50-150cc. Dipstick uses a standard thread size.

Length from end to end is approximately 4.25".



W609-0201

CYLINDER HEAD/ROCKER COVER INSPECTION CAP



Alloy replacement inspection cap for all 50-150cc 4-stroke horizontal engines. Thread diameter: 29.5mm. drive socket/wrench size: 17mm.

W609-0211

STATOR CAPS



Fits 50cc thru 150cc horizontal engines. Includes both the smaller cap (approx. 22mm OD) and larger cap (approx. 37mm OD). O-rings included.

W609-1501

RECOIL/PULL STARTERS

47/49CC MT-A1 2-STROKE PLASTIC RECOIL/PULL STARTER

Fits 47/49cc 2-stroke engine on most pocket bikes, ATVs and dirtbikes.
Length end to end: 7.25". Bolts not included.
This plastic replacement part can replace alloy pull starters.

W609-1300



47/49CC MT-A1 2-STROKE ALLOY RECOIL/PULL STARTER

Fits 47/49cc 2-stroke engine on most pocket bikes, ATVs and dirtbikes.
Length end to end: 7.25".
Bolts not included.
This plastic replacement part can replace alloy pull starters.



W609-1301



33/36/43/49CC 2-STROKE RECOIL/PULL STARTER

Fits 33/36/43/49cc 2-stroke gas scooter engines
Center claw/cog has 2 arms and is white.
Dim: 3.25" L x 3.25" W x 1.25" H.
Bolt hole spacing: 95mm/67mm.

W609-1316



49CC X1, X2, X8 2-STROKE RECOIL/PULL STARTER

Fits GS Moon style models.
Dim: 3.25" L x 3.25" W x 1.4" H. Uses 4 M6 bolts to mount - not included.
Before ordering, inspect pictures to confirm starter claw/cog tooth are same pattern as old part.



W609-1310



22-26CC 2-STROKE RECOIL/PULL STARTER

Fits 22-26cc 2-stroke engines on over 90% of 22-26cc off road and scooter models.
Dim: 3.5" L x 2.75" W. 4 bolt mounting - bolts not included.

W609-1317



33/36/43/49CC 2-STROKE RECOIL/PULL STARTER

Fits 33/36/43/49cc 2-stroke small engine scooters.
2T cog/helix. Dim: 3.25" W x 3.25" L x 1.2" H. Uses 4-M6 bolts to mount - not included.

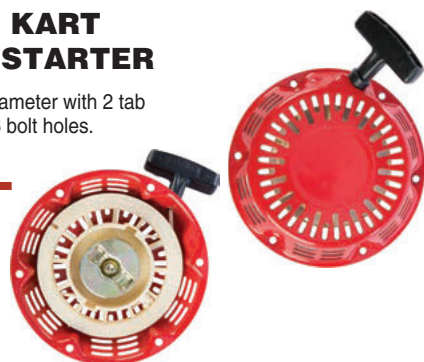
W609-1311



4-STROKE GO KART RECOIL/PULL STARTER

Fits 4-Stroke Go Kart 7" diameter with 2 tab engagement metal Claw. 6 bolt holes.

W609-1320



CLUTCHES



3-LEAF WITH KEY HOLE COMPLETE ASSEMBLY

Fits 2-stroke 47/49cc pocketbike, ATV and dirtbikes with MT-A1 air cooled motor 47/49cc. Very Common. Outside diameter: 3". Inside diameter: 12mm Tapered Fit. If you are looking for a performance clutch that can handle weights above 60 lbs., see part no. 609-1627.

W609-1620

2-LEAF WITHOUT KEY HOLE COMPLETE ASSEMBLY HIGH PERFORMANCE



Fits 2-stroke unit 47/49cc type MT-A1; 2-stroke 47/49cc type MT-A2. Mounting hole Opening: 12mm Tapered Fit. Diameter: 3". This clutch can be used instead of 609-1620 or 609-1621 if looking for a stronger, higher performing clutch.

W609-1627

2-LEAF WITHOUT KEY HOLE COMPLETE ASSEMBLY



Fits 2-stroke unit 47/49cc type MT-A4 water cooled only. 2-leaf clutch single spring. Standard duty stock replacement. Mounts with 2 bolts.

W609-1628

2-LEAF WITHOUT KEY HOLE COMPLETE ASSEMBLY HIGH PERFORMANCE



Fits 2-stroke unit 47/49cc type MT-A4 water cooled only. 2-leaf clutch single, heavy duty spring. Mounts with 2 bolts.

W609-1629

AUTO CLUTCH 50-125CC 17T

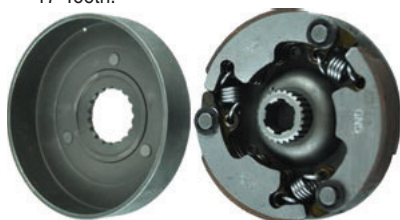


Auto Clutch for 50-125cc Dirtbikes and ATVs. with a horizontal engine. Note the Tooth count of 17 teeth. Compatible with: Horizontal Engines. Various spline count: 6; Tooth count: 17 Tooth; Spring count: 4; Diameter 4.5"; Width: Approx. 1.5". Bolt hole spacing: 56x56mm.

W609-1635

50-110CC HORIZONTAL ENGINE AUTOMATIC CLUTCH

This high quality clutch fits many 50-110cc Horizontal Engines. These engines are commonly used in ATVs, Dirtbikes, Motorcycles, Go Karts and Dunebuggies. Diameter: 4.00"; Cover Diameter: 4.25"; Height: 1.25" (Approx); Number of Clutch Leafs/Arms: 3; Number of Springs: 3; Tooth count on clutch side: 24-Tooth/6-Spline; Tooth count on Coverside: 17-Tooth.



W609-1652

4-STROKE AUTO CLUTCH 50-125CC 18T



Compatible with: 4-Stroke horizontal engines 50-125cc. Includes clutch, cover, gear and mounting hardware. Shaft spline count: 6; Tooth count: 18 Tooth; Spring count: 4; Clutch plates: 2; Diameter: 4.5"; Width: Approx. 1.5".

W609-1634

4-STROKE MANUAL CLUTCH 50-125CC 17T

4 Speed with Reverse. Compatible with: Horizontal engines 50-125cc.. Various spline count: 6; Tooth count: 17 Tooth; Spring count: 4; Clutch plates: 2; Diameter: 4.5"; Width: Approx. 1.5".



W609-1637

CLUTCHES

GY6 50CC AUTOMATIC CLUTCH

Improve your unit's performance with this high quality GY6 replacement Clutch. This clutch is designed to fit GY6 50cc engines.

- Number of Leafs/Arms: 3
- Springs: 3
- Diameter: 4"
- Width: Approx. 1"



W609-1638

GY6 50CC VARIATOR

- Variator diameter: 3.4" OD
- Roller weights: Qty. 6
- Sliders: Qty. 3
- Fan: Qty. 1
- Bushing Sleeve: Qty. 1



W609-1646

GY6 125/150CC VARIATOR (PULLEY)

Fits GY6 125/150cc style engines. These engines are commonly used in ATVs, scooters, motorcycles, go karts and dunebuggies.

VARIATOR FAN SPECS:

- Variator diameters: Fan 4.5" OD, variator 4.15" OD
- Spline count (variator plate): 19 Tooth

ROLLERS:

- Number of rollers: 6
- Roller weight: 14g
- Roller width: 14mm

SLEEVES/BUSHINGS:

- Inner diameter: 15mm
- Outer diameter 24mm
- Length: 51mm

**All measurements are approximate.



W609-1653

DRIVE BELTS

Sizes to fit most popular Chinese engine applications. Due to different engine manufacturers specifications, it is recommended to measure the old belt and order by size. The applications listed are for general reference only.

Application	Belt Size (mm)	
GY6 50cc short case	669 x 18 x 30	W609-1710
GY6 50cc long case	729 x 17.5/17.7 x 30	W609-1718
GY6 125-150cc long case	842 x 20 x 30	W609-1716
GY6 150cc short case	734 x 20 x 30	W609-1711

Application	Belt Size (mm)	
GY6 150cc	788 x 18 x 30	W609-1713
GY6 150cc long case	835 x 20 x 30	W609-1715
GY6/CF172 water cooled	825 x 22.5 x 30	W609-1714
GY6 250cc	918 x 22.5 x 30	W609-1717



CHAIN ROLLERS AND CHAIN SLIDERS

CHAIN ROLLER TYPE 2

Roller Bolt Size: M10 at Roller. Mounting Bolt Size: 15mm eye hole. Chain Gap Space: 17mm wide space for chain (works with 420/428 chain). Plastic roller. Spring held. Bolts not included.

W609-2261



CHAIN SLIDER

Compatible with: 4-Stroke horizontal engines 50-125cc Pitbikes/Dirtbikes.

W609-2262



CHAIN TENSIONER ADJUSTER BOLTS

Sold 2 per pack. Length: approx. 3"; Bolt hole: 1/2"; Thread: 8mm.

W609-2263



#25 CHAIN - 2-STROKE

Pocket bike, ATV and scooter replacement chain. This is the smallest chain available. Fits pocket models without transmission upgrade. (1) Masterlink included. Measures: 9mm in width at pin. NOTE: Pocket Style Units with Transmission require a slightly larger T8F Chain.



Size	
#25-166 links	W609-2267

#35 CHAIN

High Quality #35 replacement chain with 160 links. (1) Masterlink included. Commonly used on Pocket bikes and ATVs that have a transmission gear box. Measures: 3/8" x 3/16", 12mm Wide



Size	
#35-160 links	W609-2270

T8F CHAIN - 2-STROKE

T8F Chain with (1) Masterlink included. Commonly found on 2-stroke 47/49cc units using a transmission box from the clutch drive to increase size of mini #25 Chain to #T8F size chain.



Size	
T8F-136 links	W609-2278
T8F-160 links	W609-2279

415 CHAIN

415 chain standard.



Description	
415-120 links	W609-2285
Master link (clip style)	W609-2300

2-STROKE MASTER LINK PACK

This pack contains 3 different style/size master links (#25, T8F and #35) used for all make/model 2-stroke units. Fits all chain used on mini style pocket bikes, ATVs and scooters.

W609-2308



4-STROKE MASTER LINK PACK

This pack contains 3 different style/size master links used for all make/model 4-stroke units using 420 and/or 428 chain plus 428HG chain size.

W609-2309



DRIVE SPROCKET

NO BOLT HOLE VERSION

Compatible with 4-stroke Horizontal units.

Description **Shaft Dia.**

420-12T 17mm **W609-2431**



420 DRIVE CHAIN SPROCKET

Compatible with 4-stroke Horizontal units.

		Shaft	
Tooth	Bolt Hole	Dia.	
12T	26mm/1	17mm	W609-2415
13T	32mm/1.25	17mm	W609-2416
14T	32mm/1.25	17mm	W609-2417
15T	32mm/1.25	17mm	W609-2418
16T	32mm/1.25	17mm	W609-2419



428 DRIVE CHAIN SPROCKET

Compatible with 4-stroke Horizontal units.

		Bolt Hole	Shaft Dia.	
12T	None	17mm		W609-2424
14T	32mm	17mm		W609-2425
15T	35mm	20mm		W609-2426
16T	35mm	20mm		W609-2427



SPROCKET MOUNTING CLIP

Description	
17mm/14mm Mount Clip	W609-2330
20mm/17mm Mount Clip	W609-2331



609-2330



609-2331

BRAKE SHOES

Scooter Drum Brake Shoes w/springs for most 50-110cc and select 125cc models 80 mm x 20 mm.

W609-1901



Scooter Drum Brake Shoes w/ springs for most 125-150cc models. Measures 4.0" OD/105 mm x 24 mm.

W609-1900



BRAKE PADS

Compatible with: Select 4-Stroke Units. These brake pads fit many Chinese makes/models 50- 250cc. Both pads: 49mm(1.9")L x 35mm(1.4")H x 7mm(.25")D.



W609-1930

Compatible with: 2-Stroke models. Very commonly used pads in many 2-stroke units including ATV, dirtbike, scooter and pocketbikes. Both pads: 27mm(1")L x 18mm(.7")H x 6mm(.2")D.



W609-1933

Universal for most ATVs, dirtbikes and Go Karts. Both pads: 42mm(1.6")L x 46mm(1.8")H x 8mm(.3")D.

W609-1931



BRAKE PADS



Compatible with: 4-Stroke, horizontal engines, ATVs.
Large pad: 74mm(2.9")L x 36mm(1.4")H x 7mm(.3")D.
Small pad: 29mm(1.3")H x 9mm(.4")D.

W609-1911



Compatible with: 4-Stroke, horizontal engines, ATVs.
Both pads: 61mm(2.4")L x 27mm(1.")H x 7mm(.3")D.

W609-1935



Compatible with: Horizontal Style, 4-Stroke units.
Fits Rear most 50-125cc ATVs.
Large pad: 85mm(3.3")L x 40mm(1.6")H x 8.5mm(.3")D.
Small pad: 47mm(1.9")L x 34mm(1.3")H x 10mm(.4")D.

W609-1920



Compatible with: 4-Stroke, horizontal engines, ATVs.
Both pads: 77mm(3")L x 42mm(1.6")H x 7mm(.3")D.
Bolt hole spacing: 40mm(1.55").

W609-1932



Compatible with: Horizontal Style, 4-Stroke units.
Large pad: 85mm(3.3")L x 41mm(1.6")H x 8mm(.3")D.
Small pad: 48mm(1.9")L x 38mm(1.5")H x 9mm(.3")D.
Bolt hole spacing: 66mm(1.55").

W609-1936



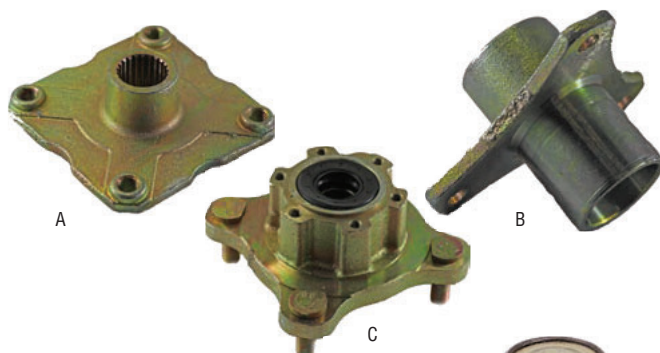
Fits rear on 50cc-125cc ATVs.
Large pad: 88mm(3.5")L x 49mm(1.9")H x 8mm(.3")D.
Small pad: 56mm(1.9")L x 37mm(1.4")H x 10mm(.4")D.
Bolt hole spacing: 70mm(2.25").

W609-1937



Compatible with most 4-stroke 150cc, 200cc and 250cc ATVs.
Large pad: 97mm(3.8")L x 42mm(1.6")H x 8mm(.3")D.
Small pad: 77mm(3")L x 42mm(1.6")H x 8mm(.3")D.
Bolt hole spacing: 66mm(1.55").

W609-1910



HUBS

Hubs to fit most Chinese ATV's, order by description/photo.

Description

A Type A, 4 bolt, 23 spline	W609-1990
B Type C, 3 bolt, 78mm spacing bolt to bolt, uses 6002RS bearings (not included)	W609-1992
C Type D, 4 bolt w/hub for rotor	W609-1993

BALL JOINTS

Ball joints include: Ball joint, castle nut and circlip. Sold each.

Description

12mm	W609-1970
14mm	W609-1971



SHOCKS

12" DIRTBIKE/ATV CHINESE HIGH PERFORMANCE SHOCK

Ride like the pro's with this adjustable anodized high quality replacement shock. Commonly used to replace and improve existing shocks uses on Dirtbikes/Pitbikes and Atvs.



Length	Eye-Eye	Bolt Hole Sz.
10-7/8"	10mm	W609-2524

SPINDLE BRACKETS

Fits many 4-stroke ATV's 50-125cc. 2 per set.
Eye hole sleeve diameter: 10mm inner sleeve not included.
Spindle mounting bolt hole diameter: 11mm.
1.9"W x 1.9" L



W609-2500

SIMPLE BUSHINGS

Size	Bolt Hole Sz.	Dia.	Length	
28x23x10	10mm	23mm (.90)	28mm (1.10)	W609-2586
32x28x15	15mm	28mm (1.10)	32mm (1.25)	W609-2587
42x24x12	12mm	24mm (.95)	42mm (1.65)	W609-2588



CHINESE ENGINE BY STYLE

FOR REFERENCE ONLY

COMPLETE ENGINES NOT AVAILABLE FOR PURCHASE

Regardless of the Name "Brand" promoted on the vehicle, it is best to find parts by engine or vehicle type.
The different Styles of Engines used are listed below.

"POCKET/MINI" 2-STROKE ENGINE

CC Range: 22-49cc

Descriptive Features:

2-Stroke Engines are commonly found in units referred to as "Pocket" style units. ie: Pocket Bike, Pocket Quad and Pocket Scooter. They have become common place due to the affordable pricing offered for these vehicles. Many of the MT-A1 Style engines can be found in both Pocket Bikes and Pocket Quads. The MT-A1 Motor is actually a 47cc Engine, however it is generally promoted by manufacturers as a 49cc engine. The other X Style Engines are commonly found in more performance 2-Stroke units and also on stand up scooters. When seeking parts be sure of the engine type and check the item description to ensure its compatibility.

Tech Tip:
When replacing engine accessories such as clutch, carburetor, drive sprocket and recoils, it is recommended to simply replace the entire part assembly. It's very cost effective.

TYPE: MT-A1 47/49CC AIR COOLED	TYPE: X STYLE 33-36 33-36CC AIR COOLED	TYPE: X STYLE 43-49 43/49CC AIR COOLED
		

"HORIZONTAL" 4-STROKE ENGINE

CC Range: 50-125cc

Descriptive Features:

Horizontal Style Engines are commonly used in many of the small/mid sized units and offer a variety of choices. These engines come in automatic, semi-automatic and manual. The majority of units are electric start only. Select manufacturers have used kick start models for many dirtbike configurations. These engines are all the same in size from 50-125cc (Some 140/155cc models were also sold but rare). The large majority of these engines are air cooled, some performance versions offer oil cooled as well.

Tech Tip:

It is important to note the position of the starting motor for space consideration if exchanging a complete motor and/or when ordering parts.

TYPE: HORIZONTAL 4-STROKE 50-125CC



Regardless of the Name "Brand" promoted on the vehicle, it is best to find parts by engine or vehicle type.
The different Styles of Engines used are listed below.

"GY6" 4-STROKE STYLE

CC Range: 50-250cc

Descriptive Features:

GY6 Style Engines offer many configurations of long and short cases and can be sold with drum or disc brake options. Many manufacturers use these engines for units with automatic shifting as they use CVT Belt Drive. The majority of GY6 Engines will have both electric and kick start options.

**TYPE: GY6 4-STROKE
50-250CC**



"VERTICAL" 4-STROKE TYPE

CC Range: 150-500cc

Descriptive Features:

Vertical Style Engines are available in a few configurations. The most popular style used is the single cylinder version. When ordering engine parts it is important to note if it is a "CG Style" or a "CB Style". CG Style engines are Single Cylinder Overhead Valve. CB Style engines are Single Cylinder Overhead Cam. The CG Style Vertical engines are most commonly used. Many of the components used from the original manufacturer may be sub-standard and require replacement, all parts are quality tested and will help improve reliability and performance.

**TYPE: VERTICAL 4-STROKE
125-250CC & 300CC**

