

# OPERATION AND PARTS MANUAL



## **STREET PRO 1 SERIES MODEL SP1CE13H18 CONCRETE/ASPHALT SAW (HONDA GX390 GASOLINE ENGINE)**

Revision #3 (06/09/08)

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**THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.**

**P/N 35213**



**CALIFORNIA — Proposition 65 Warning**

Engine exhaust and some of its constituents, and some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks.
- Cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: **ALWAYS** work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

## **WARNING**



### **SILICOSIS WARNING**

Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow the respiratory precautions mentioned above.

## **WARNING**



### **RESPIRATORY HAZARDS**

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheet and/or consult your employer, the material manufacturer/supplier, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers or suppliers, OSHA/NIOSH, and occupational and trade associations. Water should be used for dust suppression when wet cutting is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the materials being used.

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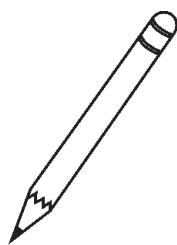
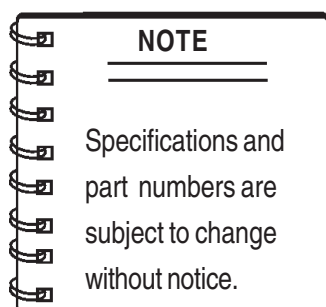
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# PARTS ORDERING PROCEDURES

## Ordering parts has never been easier! Choose from three easy options:

Effective:  
January 1<sup>st</sup>, 2006

www.multiquip.com



### Order via Internet (Dealers Only):

Order parts on-line using Multiquip's SmartEquip website!

- View Parts Diagrams
- Order Parts
- Print Specification Information



If you have an MQ Account, to obtain a Username and Password, E-mail us at: [parts@multiquip.com](mailto:parts@multiquip.com).

To obtain an MQ Account, contact your District Sales Manager for more information.

Goto [www.multiquip.com](http://www.multiquip.com) and click on **Order Parts** to log in and save!

Use the **internet** and qualify for a **5% Discount** on *Standard orders* for all orders which include complete part numbers.\*

Note: Discounts Are Subject To Change



### Order via Fax (Dealers Only):

All customers are welcome to order parts via Fax.

**Domestic (US) Customers dial:**  
1-800-6-PARTS-7 (800-672-7877)

**Fax** your order in and qualify for a **2% Discount** on *Standard orders* for all orders which include complete part numbers.\*

Note: Discounts Are Subject To Change



**Order via Phone: Domestic (US) Dealers Call:**  
1-800-427-1244

### Non-Dealer Customers:

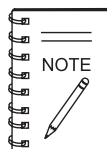
Contact your local Multiquip Dealer for parts or call 800-427-1244 for help in locating a dealer near you.



**International Customers** should contact their local Multiquip Representatives for Parts Ordering information.

## When ordering parts, please supply:

- |   |  |
|---|--|
| <input type="checkbox"/> Dealer Account Number                                | <input type="checkbox"/> Specify Preferred Method of Shipment: |
| <input type="checkbox"/> Dealer Name and Address                              | ✓ UPS/Fed Ex                      ✓ DHL                        |
| <input type="checkbox"/> Shipping Address (if different than billing address) | ■ Priority One                      ✓ Truck                    |
| <input type="checkbox"/> Return Fax Number                                    | ■ Ground   |
| <input type="checkbox"/> Applicable Model Number                              | ■ Next Day   |
| <input type="checkbox"/> Quantity, Part Number and Description of Each Part   | ■ Second/Third Day   |



All orders are treated as *Standard Orders* and will ship the same day if received prior to 3PM PST.

WE ACCEPT ALL MAJOR CREDIT CARDS!





# MQ STREET PRO 1 CE SAW — SAFETY MESSAGE ALERT SYMBOLS

## FOR YOUR SAFETY AND THE SAFETY OF OTHERS!

Safety precautions should be followed at all times when operating this equipment. Failure to read, understand and comply with the Safety Messages and Operating Instructions could result in injury to yourself or others.

### NOTE

This Owner's Manual has been developed to provide instructions for the safe and efficient operation of the MULTIQUIP SP 1. For engine maintenance information, please refer to the engine manufacturers' instructions for data relative to its safe operation.

**Before using this CONCRETE/ASPHALT SAW, ensure that the operating individual has read and understands all instructions in this manual.**

## SAFETY MESSAGE ALERT SYMBOLS

The three (3) Safety Messages shown below will inform you about potential hazards that could injure you or others. The Safety Messages specifically address the level of exposure to the operator, and are preceded by one of three words: **DANGER**, **WARNING**, or **CAUTION**.

### **DANGER**

You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you **DO NOT** follow these directions.

### **WARNING**

You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you **DO NOT** follow these directions.

### **CAUTION**

You **CAN** be **INJURED** if you **DO NOT** follow these directions.

Potential hazards associated with SP 1 operation will be referenced with "**Hazard Symbols**" which appear throughout this manual, and will be referenced in conjunction with Safety "**Message Alert Symbols**".

## HAZARD SYMBOLS

### **Lethal Exhaust Gases**



Engine exhaust gases contain poisonous carbon monoxide. This gas is colorless and odorless, and can cause death if inhaled. **NEVER** operate this equipment in a confined area or enclosed structure that does not provide ample free flow air.

### **Guards and Covers In Place**



**NEVER** operate the saw without blade guards and covers in place. Adhere to safety guidelines and applicable local regulations.

### **Burn Hazards**



Engine components can generate extreme heat. To prevent burns, **DO NOT** touch these areas while the engine is running or immediately after operations. **NEVER** operate the engine with heat shields or heat guards removed.

### **Rotating Parts**



**NEVER** operate equipment with covers, or guards removed. Keep fingers, **hands**, **hair** and **clothing** away from all moving parts to prevent injury.

# MQ STREET PRO 1 CE SAW — SAFETY MESSAGE ALERT SYMBOLS



## Accidental Starting



**OFF** **ALWAYS** place the engine ON/OFF switch in the **OFF** position, when the saw is not in use.



## Respiratory Hazard



**ALWAYS** wear approved respiratory protection.



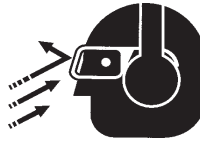
## Over Speed Conditions



**NEVER** tamper with the factory settings of the engine governor. Personal injury and damage to the engine or equipment can result if operating in speed ranges above maximum allowable.



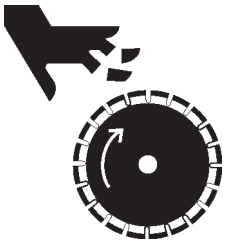
## Sight and Hearing hazard



**ALWAYS** wear approved eye and hearing protection.



## Rotating Blade



Rotating blade can cut and crush. Keep hands and feet clear.



## Equipment Damage Messages

Other important messages are provided throughout this manual to help prevent damage to your concrete saw, other property, or the surrounding environment.



## CAUTION

This **concrete/asphalt saw**, other property, or the surrounding environment could be damaged if you do not follow instructions.



# MQ STREET PRO 1 CE SAW — RULES FOR SAFE OPERATION

## RULES FOR SAFE OPERATION



### WARNING

Failure to follow instructions in this manual may lead to serious injury or even death! This equipment is to be operated by trained and qualified personnel only! This equipment is for industrial use only.

The following safety guidelines should always be used when operating the SP 1.

### SAFETY

- **DO NOT** operate or service this equipment before reading this entire manual. The manual must be kept available and accessible to the operator.
- This equipment should not be operated by persons under the minimum statutory age limit.
- **NEVER** use this machine for any purpose other than those described in this manual.
- **NEVER** operate the saw without proper protective clothing, shatterproof glasses, steel-toed boots and other protective devices required for the job.



- **NEVER** use accessories or attachments which are not recommended by Multiquip for this equipment. Damage to the equipment and/or injury to user may result.
- Manufacturer does not assume responsibility for any accident due to equipment modifications. Unauthorized equipment modification will void all warranties. Any modification which could lead to a change in the original characteristics of the machine should be made only by the manufacturer who shall confirm that the machine is in conformity with appropriate safety regulations.

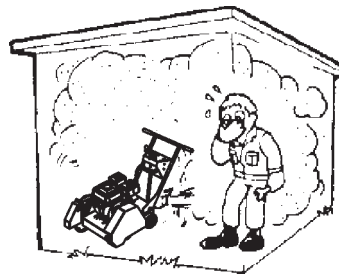
- **NEVER** operate this equipment when not feeling well due to fatigue, illness or taking medicine.
- **NEVER** operate the saw under the influence of drugs or alcohol.
- Replace nameplate, operation and safety decals when they become difficult to read.
- **ALWAYS** check the saw for loosened hardware such as nuts and bolts before starting.

- **NEVER** touch the hot exhaust manifold, muffler or cylinder. Allow these parts to cool before servicing the saw.



- **High Temperatures** – Allow the engine to cool before adding fuel or performing service and maintenance functions. Contact with **hot!** components can cause serious burns.

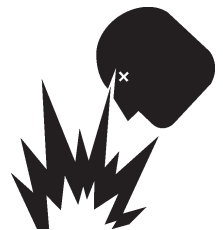
- The engine of this saw requires an adequate free flow of cooling air. **NEVER** operate the saw in any enclosed or narrow area where free flow of the air is restricted. If the air flow is restricted it will cause serious damage to the saw's engine and may cause injury to people. Remember the saw's engine gives off **DEADLY** carbon monoxide gas.



- **ALWAYS** refuel in a well-ventilated area, away from sparks and open flames.

- **ALWAYS** use extreme caution when working with **flammable** liquids. When refueling, **STOP** the engine and allow it to cool.

- **NEVER** operate the saw in an explosive atmosphere where fumes are present, or near combustible materials. An explosion or fire could result in severe **bodily harm or even death**.



- **NEVER** smoke around or near the machine. Fire or explosion could result from **fuel vapors**, or if fuel is spilled on a **hot!** engine.




- Topping-off to filler port is dangerous, as it tends to spill fuel.
- **NEVER** use fuel as a cleaning agent.


# MQ STREET PRO 1 CE SAW — RULES FOR SAFE OPERATION

## General Safety

- **ALWAYS** read, understand, and follow procedures in Operator's Manual before attempting to operate equipment.
- **ALWAYS** be sure the operator is familiar with proper safety precautions and operating techniques before using the saw.
- **NEVER** leave the machine *unattended* while running.
- Apply the brakes when leaving or when using on a slope.
- Maintain this equipment in a safe operating condition at all times.
- **ALWAYS** stop the engine before servicing, adding fuel and oil.
- **NEVER** run the engine without the air filter. Severe engine damage could occur.
- **ALWAYS** service air cleaner frequently to prevent carburetor malfunction.
- **AVOID** wearing jewelry or loose fitting clothing that may snag on the controls or moving parts, this can cause a serious injury.
- **ALWAYS** keep clear of *rotating* or *moving parts* while the saw is in operation.
- **ALWAYS** store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.
- **ALWAYS** keep the work area well organized.
- **ALWAYS** Clear the cutting area of any debris, tools, etc. that would constitute a hazard while the saw is in operation.

 **WARNING**


**ALWAYS** check to make sure that the cutting area is clear before starting the engine.




- Keep all inexperienced and unauthorized people clear of the cutting area when operating the saw.
- Always observe all applicable compulsory regulations relevant to environmental protection, especially fuel storage, the handling of hazardous substances, and the wearing of protective clothing and equipment. Instruct the user as necessary, or, as the user, request this information and training.

## Diamond Blade Safety

- Use appropriate steel centered diamond blades manufactured for use on concrete saws. See further blade information on pages 17 to 19.

 **WARNING**

**ALWAYS** inspect diamond blades before each use. The blade should exhibit no cracks, dings, or flaws in the steel centered core and/or rim. Center (arbor) hole must be undamaged and true.



- Examine blade flanges for damage and excessive wear.
- Ensure the cleanliness of the blade before blade is installed. Blade should fit snugly on the shaft and against the inside/outside blade flanges.
- Ensure the blade is marked with an operating speed greater than the spindle speed of the saw.
- Only cut the material that is specified for the diamond blade. Read the specifications of the diamond blade to ensure the proper tool has been matched to the material being cut. The saw has been engineered for **WET CUTTING**. Ensure a **WET CUTTING** blade is being used and that the water supply system to the blade is properly functioning and being used.
- **ALWAYS** keep blade guards in place. Exposure of the diamond blade must not exceed 180 degrees.
- Ensure that the diamond blade does not come into contact with the ground or surface during transportation. **DO NOT** drop the diamond blade on ground or surface.
- The engine governor is set to permit maximum engine speed in a no-load condition. Do not tamper with the engine governor to increase the speed. Increasing the engine speed could allow the maximum rated spindle speed to be exceeded, creating an unsafe condition.
- Ensure that the blade is mounted for proper operating direction. (See Figure 4, page 13)
- Adhere to the Blade Manufacturer's recommendations on handling, storage, and safe usage of blades.

# MQ STREET PRO 1 CE SAW — RULES FOR SAFE OPERATION

## Saw Transportation Safety

- **DO NOT** use the handle bars and/or front pointer as lifting points.
- **ALWAYS** use ramps capable of supporting the weight of the saw and the operator to load and unload the saw. If the saw must be lifted, always use two people. Never attempt to lift the saw by yourself.
- **NEVER** attempt to tow the untrailerred saw behind a vehicle.
- **DO NOT** use on slopes or on extremely uneven surfaces.
- **NEVER** tip the engine to extreme angles as it may cause oil to gravitate into the cylinder head making the engine start difficult.
- **NEVER** transport the saw to or from the job site with the blade mounted.

## EMERGENCIES

- **ALWAYS** know the location of the nearest **fire extinguisher**.



- **ALWAYS** know the location of the nearest **first aid kit**.



- In emergencies **always** know the location of the nearest phone or **keep a phone on the job site**. Also know the phone numbers of the nearest **ambulance, doctor, and fire department**. This information will be invaluable in the case of an emergency.



## Machine Operation And Safety Decals

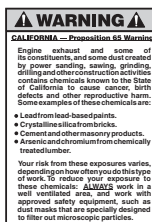
The SP 1 saw is equipped with a number of operation and safety decals. (Figure 1) Should any of these decals become unreadable, replacements can be obtained from your dealer.



P/N 35137



P/N 25867



P/N 20525



P/N 23330-001



CONTACT SERVICE DEPARTMENT



P/N 13118



P/N 22122-001



P/N 35158



P/N 11092



P/N 35167



P/N 36099 (ISO Blue)



P/N 25250-001



P/N 25249-001



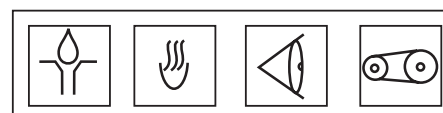
P/N 25491



P/N 25678



P/N 25783



P/N 11246 (Sheet-Intl. Stds)

Figure 1. SP 1 Decals

# MQ STREET PRO 1 CE SAW — SPECIFICATIONS (SAW)

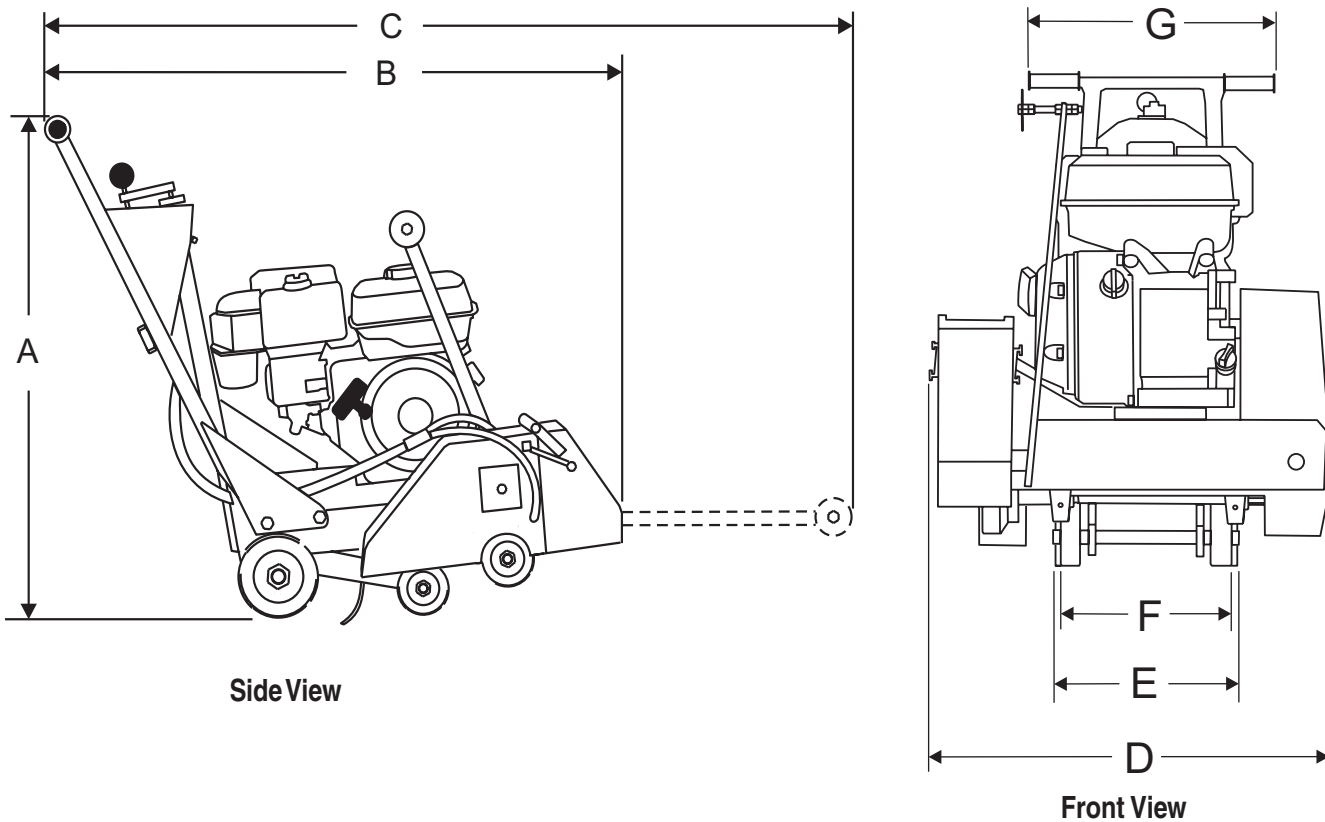


Figure 2. SP 1 Dimensions

Table 1. SP 1 (SP1CE13H18) Specifications

| REFERENCE LETTER | DESCRIPTION                            | DIMENSION (cm)        |
|------------------|--|-----------------------|
| A                | Height                                 | 37.0 In. (94 cm)      |
| B                | Length (Front Pointer Raised)          | 32.0 In. (80 cm)      |
| C                | Maximum Length (Front Pointer Lowered) | 54.5 In. (138 cm)     |
| D                | Width                                  | 21.5 In. (55 cm)      |
| E                | Rear Wheel Base                        | 17.0 In. (40 cm)      |
| F                | Front Wheel Base                       | 10.0 In. (25.4 cm)    |
| G                | Handle Bar Width                       | 21.5 In. (55 cm)      |
|                  | Maximum Spindle RPM                    | 2836 RPM              |
|                  | Arbor Size                             | 1.0" (2.54 cm)        |
|                  | Maximum Cutting Depth                  | 7.0" (17.78 cm)       |
|                  | Sound Pressure at Operator's Position  | 99.8 db               |
|                  | Vibration *                            | 12.6 ms <sup>-2</sup> |
|                  | Maximum Operating Mass                 | 236 lbs.(107 Kg)      |
|                  | Nominal Mass (without blade or fluids) | 214 lbs. (97 Kg)      |

\* Vibration (at handle) results with SP1 Saw cutting concrete at a depth of 1-1/2 inches (38.1 mm) with an 18" (45.7 cm) blade, FULL THROTTLE.

# MQ STREET PRO 1 CE SAW — SPECIFICATIONS (ENGINE)

**Table 2. Specifications (Engine)**

|                          |  |  |
|--------------------------|--|--|
| Engine                   | Model  | <b>HONDA<br/>GX390K1QWT2/GX390U1QWT2</b>                   |
|                          | Type   | Air-cooled 4 stroke, Single Cylinder, OHV, Gasoline Engine |
|                          | Bore X Stroke                                  | 3.5 in. X 2.5 in.<br>(88 mm x 64 mm)                       |
|                          | Displacement                                   | 23.7 cu-in. (389 cc)                                       |
|                          | Max Output                                     | 13.0 H.P./3600 R.P.M.                                      |
|                          | Fuel Tank Capacity                             | Approx. 1.72 U.S. Gallons<br>(6.5 Liters)                  |
|                          | Fuel   | Unleaded Automobile Gasoline<br>86 Octane or higher        |
|                          | Lube Oil Capacity                              | 1.16 US qt (1.1 liter)                                     |
|                          | Speed Control Method                           | Centrifugal Fly-weight Type                                |
|                          | Starting Method                                | Recoil Start   |
| Dimension<br>(L x W x H) | 15.0 x 17.7 X 17.4 in.<br>(380 X 450 X 443 mm) |  |
| Dry<br>Net Weight        | 68.4 lbs (31 Kg.)                              |  |

# MQ STREET PRO 1 CE SAW — GENERAL INFORMATION

## Intended Use

Operate the SP1 Saw, tools and components in accordance with the manufacturer's instructions. Use of any other tools for stated operation is considered contrary to designated use. The risk of such use lies entirely with the user. The manufacturer cannot be held liable for damages as a result of misuse.

This saw is not intended for dry cutting.

## General Information

The MQ Whiteman SP1 series **walk-behind saws** are designed for **wet** cutting of **concrete** or **asphalt** utilizing Diamond Blades. These saws have been engineered for general and industrial flat sawing applications. The reinforced steel box frame design adds strength necessary to reduce blade vibrations while cutting. By minimizing blade vibrations the performance of the blade is enhanced and thus the life of the blade is extended.

Heavy-duty front and rear axles, sturdy oversized wheels, and industrial undercarriage assembly ensure accurate tracking and years of reliable use.

Additionally, the general strength-to-weight ratio design of the frame and chassis assembly provides for optimum weight distribution to keep the blade running true in the cut. A rugged spindle bearing assembly ensures minimal flutter and shaft harmonics providing the most advantageous condition for a diamond blade at operating speeds.

The SP1 series saw comes equipped with an 18-inch blade guard and handles Diamond Blade ranging in size from 12-18-inches in diameter.

An ACME thread, manual **raise/lower** assembly easily raises and lowers the blade and locks it into position to ensure a constant depth cut. All SP1 series saws are equipped with a retractable cutting guide, oversized roller bearing wheels, industrial spindle bearings, and a rigid steel frame.



Figure 3. MQ STREET PRO 1 SAW

## Power Plants

The SP1 saw is classified in the industry as a "low" powered saw. This classification is particularly useful when selecting the proper diamond blade for an application.

The SP1 saw is powered by a HONDA GX390 air cooled, 4-stroke, single cylinder, OHV gasoline engine rated at 13 HP (9.6 kW) at 3,600 RPM. Blade rotation is V-belt driven. The upper drive (engine) pulley on the output shaft of the engine connects to the lower drive (spindle) pulley and thus, the blade, by three V-Belts. As the engine shaft rotates, so does the blade. The ratio, or difference between the engine speed and the spindle (blade) speed is determined by the two different sizes of pulleys used.

Refer to the **Engine Owner's Manual** for specific instructions regarding engine operation and maintenance practices.

**All MQ Whiteman SP1 series saws are designed, engineered and manufactured with strict adherence to American National Standards Institute, Inc. (ANSI) guidelines B7.1 and B7.5.**

## Water System

All SP1 series saws provide a hardy water plumbing system that evenly distributes water volume and optimum flow rate to both sides of the blade to keep it cool when cutting. The basic water system provides a valve that connects to a standard garden hose. The water is delivered (via a hose) to the saw blade. A water tank delivery system is optional.

## Features

- Engine Stop Switch conveniently located on handle bar
- Super-rigid box frame- ensures straight cuts while resisting warping and blade vibration
- Rugged roller bearing wheels for long service life
- Comfortable grip handles
- Easy cranking for manually raising/lowering the blade to the desired cutting height
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Saw position guide helps ensure straight cuts
- Water system provides optimum flow and volume of water to both sides of the blade
- manually operated wheel clamps help to prevent unwanted displacement of saw

# MQ STREET PRO 1 CE SAW — CONTROLS & COMPONENTS

## CONTROLS & COMPONENTS

Figure 4 shows the location of the basic controls or components for the SP 1. Listed below is a brief explanation of each control or component.

1. **Hand Grips/Handlebar** – When operating the saw, place both hands on each grip to maneuver the saw. Replace hand grips when they become worn or damaged.
2. **Handle Lock** – Lock blade depth to desired position.
3. **Garden Hose Connector** – Connect to water source to provide blade cooling while cutting concrete or asphalt.
4. **Air Filter** – Prevents dirt and debris from entering the engine air intake. Check filter periodically and replace when necessary.
5. **Recoil Starter Handle** – Pull to engage and start the engine.
6. **Recoil Starter Assembly** – Engages the engine when the handle is pulled and rewinds the starter rope when the handle is released.
7. **Wheels/Carriage Assembly** – Heavy-duty wheels with permanently sealed ball bearings.
8. **Cutting Blade** – Use appropriate type blades for cutting concrete or asphalt.
9. **Blade Guard** – Covers saw blade and flips up to allow blade to be changed.
10. **Belt Tension Adjuster** – Adjusts belt tension.
11. **Front Pointer** – Front pointer wheel assists in straight tracking.
12. **Front Pointer Arm** – Stows up for storage and pivots down for use.
13. **Cutting Depth Adjuster** – turn operating crank clockwise or counter-clockwise to adjust the cutting depth up or down.
14. **Fuel Tank** – Use unleaded gasoline. Do not overfill.
15. **Blade Coolant System** – Provides cooling water to blade during cutting operations.
16. **V-Belt Cover** – Remove this cover to gain access to the V-belts. **NEVER** operate the saw with this cover removed.
17. **Spindle Grease Zerks** – Conveniently located for lubrication.
18. **On/Off Switch (On Engine)** – Turn to the "ON" position to allow engine to be started and turn to the "OFF" position to shut the engine off.
19. **Tool Rotation** – Rotational direction of tool (blade) during operation.
20. **Engine Stop Switch (On Handlebar)** – Toggle in either direction to stop the engine.
21. **Wheel Clamp** – Move handle down making contact with wheel to avoid unwanted rolling movement. Lift handle to release.
22. **Water Valve** – Rotate handle to turn water supply on or off.

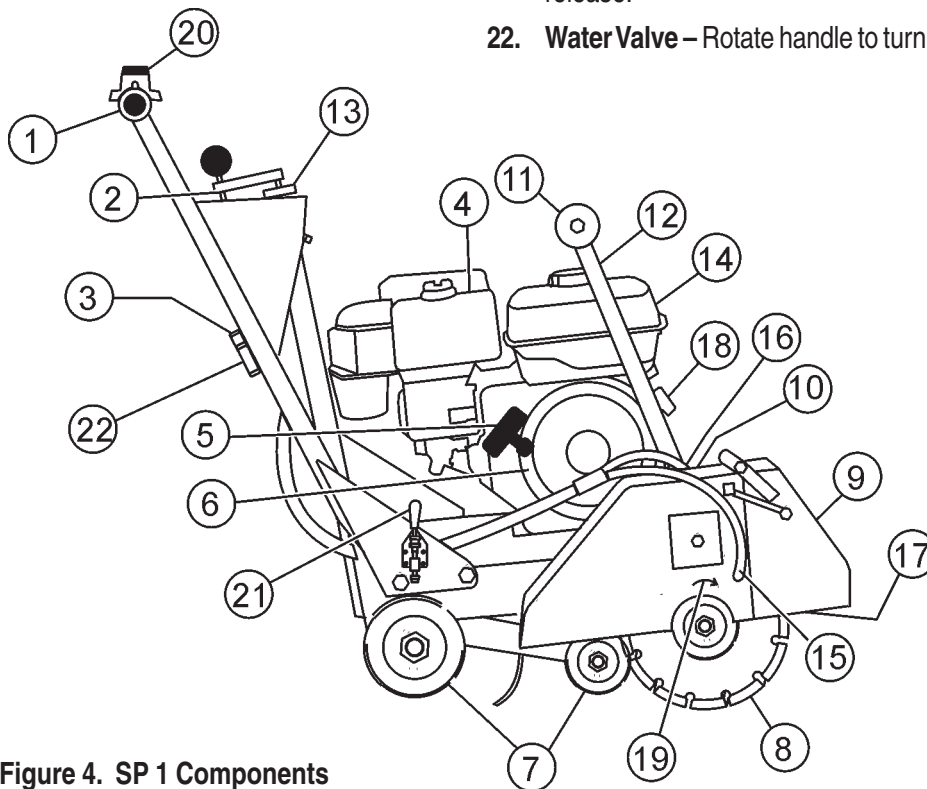


Figure 4. SP 1 Components

## BASIC ENGINE

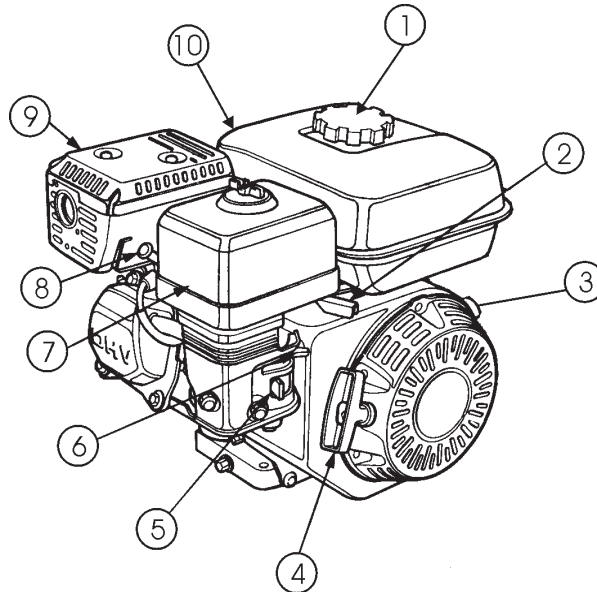


Figure 5. Engine Controls and Components

### Initial Servicing

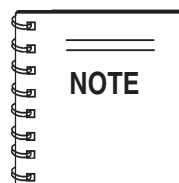
The engine (Figure 5) must be checked for proper lubrication and filled with fuel prior to operation. Refer to the manufacturers engine manual for instructions & details of operation and servicing.

1. **Fuel Filler Cap** – Remove this cap to add unleaded gasoline to the fuel tank. Make sure cap is tightened securely. **DO NOT** over fill.

6. **Choke Lever** – Used in the starting of a cold engine, or in cold weather conditions. The choke enriches the fuel mixture.
7. **Air Cleaner** – Prevents dirt and other debris from entering the fuel system. Remove wing-nut on top of air filter cannister to gain access to filter element.

### DANGER

Adding fuel to the tank should be done only when the engine is stopped and has had an opportunity to cool down. In the event of a fuel spill, **DO NOT** attempt to start the engine until the fuel residue has been completely wiped up, and the area surrounding the engine is dry.



Operating the engine without an air filter, with a damaged air filter, or a filter in need of replacement will allow dirt to enter the engine, causing rapid engine wear.

2. **Throttle Lever** – Used to adjust engine RPM speed (lever advanced forward **SLOW**, lever back toward operator **FAST**).
3. **Engine ON/OFF Switch** – **ON** position permits engine starting, **OFF** position stops engine operations.
4. **Recoil Starter (pull rope)** – Manual-starting method. Pull the starter grip until resistance is felt, then pull briskly and smoothly.
5. **Fuel Valve Lever** – **OPEN** to let fuel flow, **CLOSE** to stop the flow of fuel.

8. **Spark Plug** – Provides spark to the ignition system. Clean spark plug once a month.
9. **Muffler** – Used to reduce noise and emissions.

### WARNING

Engine components can generate extreme heat. To prevent burns, **DO NOT** touch these areas while the engine is running or immediately after operating. **NEVER** operate the engine with the muffler removed.



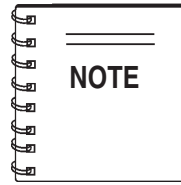
10. **Fuel Tank** – Holds unleaded gasoline. For additional information refer to engine owner's manual.



# MQ STREET PRO 1 CE SAW — PREPARATION/PRE-INSPECTION

## PREPARATION / PRE-INSPECTION

1. Read and fully understand this manual, the safety instructions in particular, and the engine manufacturer's manual supplied with the saw.



Reference manufacturer engine manual for specific servicing instructions.

2. Select the correct blade for each application. Refer to the Blades and Blade Placement sections on pages 17 through 19 for further information.

3. Check blade for wear or damage. Handle all blades with care and **ALWAYS** replace a damaged blade.



4. Clean the **saw**, removing dirt and dust, particularly the engine cooling air inlet, carburetor and air cleaner.

5. Check the air filter for dirt and dust. Replace the air filter if it is found to be dirty.

6. Check carburetor for external dirt and dust. Clean with dry compressed air.

7. Check fastening nuts and bolts for tightness.

8. Ensure a suitable water supply is available, hooked up, and used. (connected via garden hose or with an optional water tank supply system).

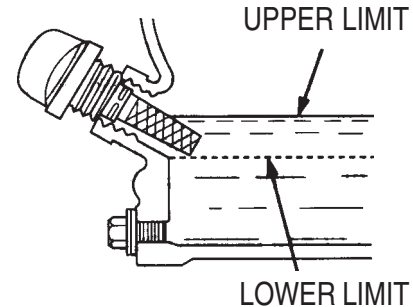


Figure 7. Engine Oil Dipstick (Oil Level)

Table 3. Oil Type

| Season      | Temperature    | Oil Type      |
|-------------|----------------|---------------|
| Summer      | 25°C or Higher | SAE 10W-30    |
| Spring/Fall | 25°C~10°C      | SAE 10W-30/20 |
| Winter      | 0°C or Lower   | SAE 10W-10    |

## Engine Oil Check

1. To check the engine oil level, place the saw on secure level ground with the engine stopped. The frame platform **must be level** to accurately check the engine oil.
2. Remove the filler dipstick from the engine oil filler hole (Figure 6) and wipe it clean.

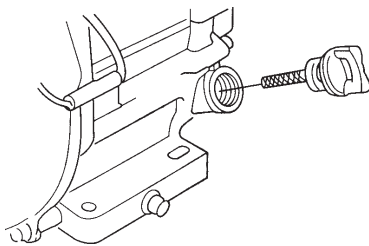


Figure 6. Engine Oil Dipstick (Removal)

3. Insert and remove the dipstick without screwing it into the filler neck. Check the oil level shown on the dipstick.

4. If the oil level is low (Figure 7), fill to the edge of the oil filler hole with the recommended oil type (Table 3).

## Fuel Check

**Warning**

Motor fuels are highly flammable and can be dangerous if mishandled. **DO NOT** smoke while refueling. **DO NOT** attempt to refuel the saw if the engine is **hot!** or **running**.

1. Remove the gasoline cap located on top of fuel tank.
2. Visually inspect to see if fuel level is low. If fuel is low, replenish with unleaded fuel.
3. When refueling, be sure to use a strainer for filtration. **DO NOT** top-off fuel. Wipe up any spilled fuel.

# MQ STREET PRO 1 CE SAW — PREPARATION/PRE-INSPECTION

## Guards And Covers

### WARNING



**NEVER** operate the saw without blade guards and covers in place. **DO NOT** operate with the front of the blade guard raised. The blade exposure cannot exceed 180 degrees during operation. Adhere to the safety guidelines or other applicable local regulations.



Figure 8. Blade Guard

**CHECK** the following on the **blade guard** (Figure 8):

- Ensure the capacity of the blade guard is correct for an 18" Diamond Blade.
- Check that the guard is bolted firmly upon the saw frame.
- Check that the spring tensioned front cover of the guard is firmly seated with the rear section of the guard and there are no gaps. **NEVER** lift the blade guard while engine is running.

**ENSURE** the **V-belt Cover** is in place and securely fastened during operation of the saw (Figure 9).

### V-Belt Check

A worn or damaged V-belt can adversely affect the performance of the saw. If a V-belt is defective or worn, replace **ALL** the V-belts. V-belts should always be replaced in sets.

### WARNING

**NEVER** attempt to check the V-belt with the engine running. Severe injury can occur. Keep fingers, hands, hair, and clothing away from all moving parts.



**NOTE**



V-belt alignment must be rechecked after adjusting belt tension.

## V-belt Alignment and Tensioning

This saw is equipped with premium V-belts that have been aligned and tensioned by factory personnel. The V-belt must be aligned and tensioned for proper operation of the saw.

Use the following procedure to check the alignment of V-belt:

1. Remove the bolts that secure the V-belt cover (Figure 9) to the saw frame.



Figure 9. V-Belt Cover

2. Check uniform parallelism (Figure 10) of V-belt and pulley (sheaves). Use a straight-edge or machinist's square against both pulleys and adjust both pulleys until equally aligned.

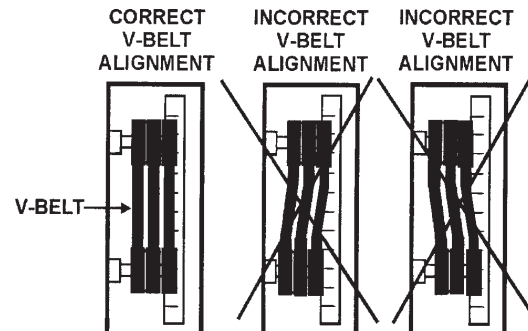


Figure 10. Pulley Alignment

3. Check V-belt tension by using a tension meter (3.0 lbs./ 1.36Kg) against the inside belt at a mid point between the two pulleys, or by deflecting the center belt at a mid point 3/16" (5 mm).
4. **DO NOT** over or under tighten the V-belt. Severe damage can occur to the saw and engine crankshaft if the belt is over-tensioned. A decrease of power to the blade and poor performance will result if the belt is under-tensioned (loose on pulleys).

# MQ STREET PRO 1 CE SAW — BLADES

## SPECIFIC TOOLS TO BE USED

This saw is to use tools (blades) as follows:

Steel Core Segmented or Continuous Diamond Rim Cutting Wheel.

Any other type of tool is not to be used. See Table 4 for specific blade usage for material.

### WARNING

Failure to thoroughly inspect the diamond blade (Figure 11) for operational safety could result in damage to the blade or the saw, and may cause injury to the user or others in the operating area. Discard damaged or worn blades and replace with fresh blade.

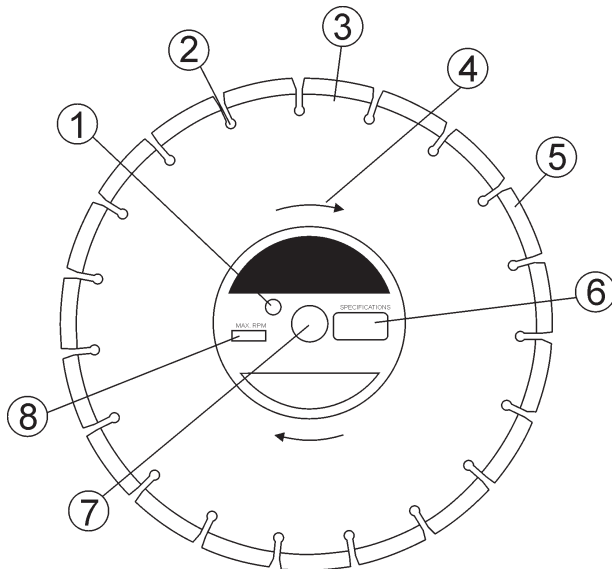


Figure 11. Diamond Blade

1. **Drive Pin Hole** – A commonly located hole on the diamond blade core that prevents operational blade slippage between the inner & outer blade flanges (collars). Inspect the diameter of the hole to ensure there is no distortion, and that a snug fit develops between the hole and drive pin.
2. **Stress Relief Holes (Gullets)** – Check the steel core for cracks that may have propagated from the slots and/or gullets. Cracks indicate extreme fatigue failure and if sawing continues, catastrophic failure will occur.
3. **Edge Of The Steel Core** – Check the diameter edge for discoloration (blue oxidation) indicating an overheating condition caused by insufficient cooling water/air. Overheating of blades may lead to loss of core tension and/or increase the possibility for blade failure. Check to make sure the steel core's width is uniform about the rim of the blade, and not succumbing to an "under cutting" condition brought about by highly abrasive material or improper under cutting core protection.
4. **Directional Arrow** – Check to ensure that the blade is oriented properly on the spindle for sawing. Reference the directional arrow on the blade and place it so the direction of rotation "downcuts" with the turn of the shaft.
5. **Diamond Segment or Rim** – Ensure there are no cracks, dings, or missing portions of the diamond segment/rim. **DO NOT use a blade that is missing a segment or a portion of the rim.** Damaged and/or missing segments/rims may cause damage to your saw, and injury to the user or others in the operating area.
6. **Specifications** – Ensure that the blade specifications, size, and diameter properly match up to the sawing operation. Wet blades must have water to act as a coolant. Utilizing a diamond blade not matched properly to the task may result in poor performance and/or blade damage.
7. **Arbor Hole** – It is essential that the arbor hole diameter properly matches the shaft arbor, and that it is free from distortions. Correct blade flanges (collars) must be used. The inside face of the flanges must be clean & free of debris. An out of round arbor condition will cause damage to the blade and the saw.
8. **MAX RPM** – This RPM reference is the maximum safe operating speed for the blade selected. **NEVER** exceed the max RPM on the diamond blade. Exceeding the MAX RPM is dangerous, and may cause poor performance and may damage the blade. All blades used must be designed for the maximum spindle RPM.

# MQ STREET PRO 1 CE SAW — BLADE PLACEMENT

**Table 4. MATERIAL LISTING AND BLADE SELECTION**

| Material                            | Blade                  |
|-------------------------------------|------------------------|
| Cured Concrete                      | Cured Concrete Blade   |
| Green Concrete                      | Green Concrete Blade   |
| Asphalt                             | Asphalt Blade          |
| Asphalt over Concrete               | Asphalt/Concrete Blade |
| Block, Brick, Masonry, Refractories | Masonry Blade          |
| Tile, Ceramic, Stone                | Tile Blade             |

## Diamond Blades

Selecting the diamond blade **TYPE** and **GRADE** defines how the blade will perform both in cutting speed and blade life.

Selection of the proper diamond blade consists of:

- Material to be Cut
- Type of Saw Being Used
- Horsepower of Saw
- Hardness Characteristics of the Material
- Performance Expectations

Factors for sawing economy:

- Type of Blade
- Depth of Cut
- Sawing Speed
- Characteristics of the Material Being Cut

## Blade Speed


A diamond blade's performance is directly connected to specific peripheral (rim) speeds.

The following shaft rotational speeds have been factory set to ensure optimum blade performance.

- SP1 18" Capacity - 2,836 RPM.


**WARNING**

Operating saw blades at rotational speeds greater than those specified by the manufacture can cause blade damage, and may injure the user or others in the operating area.



## BLADE PLACEMENT

**WARNING**



Failure to thoroughly inspect the diamond blade for operational safety could result in damage to the blades or the saw and may cause injury to the user or others in the operating area.

1. **Engine OFF** - Set the ENGINE ON/OFF switches to the "OFF" position to prevent accidental starting.
2. **Blade Guard** - Pivot the blade guard front cover all the way back. The guard tension spring will keep the front cover in position.
3. **Blade Hex Nut** - Unscrew the spindle nut (right side loosens clockwise and tightens counter-clockwise while the left side loosens counter-clockwise and tightens clockwise. **DO NOT** overtighten the nut (approximately 45-50 ft. lb/61-68 N/m) when finalizing the assembly.
4. **Outside Blade Flange (Collar)** - Ensure that the outside blade flange is placed flush against the diamond blade. The inside surface of the flange must be free of debris and permit a tight closure on the surface of the blade core.
5. **Diamond Blade** - Ensure that the proper diamond blade has been selected for the job. Pay close attention to the directional arrows on the blade. The blade's operating directional arrows must point in a "down-cutting" direction to perform correctly. When placing the blade onto the spindle, ensure the arbor hole of the blade matches the diameter of the shaft.

# MQ STREET PRO 1 CE SAW — BLADE PLACEMENT

6. **Inner Flange (Collar)** - This flange is fixed upon the spindle. The inside surface of the flange must be free of debris and permit a tight closure on the surface of the blade.

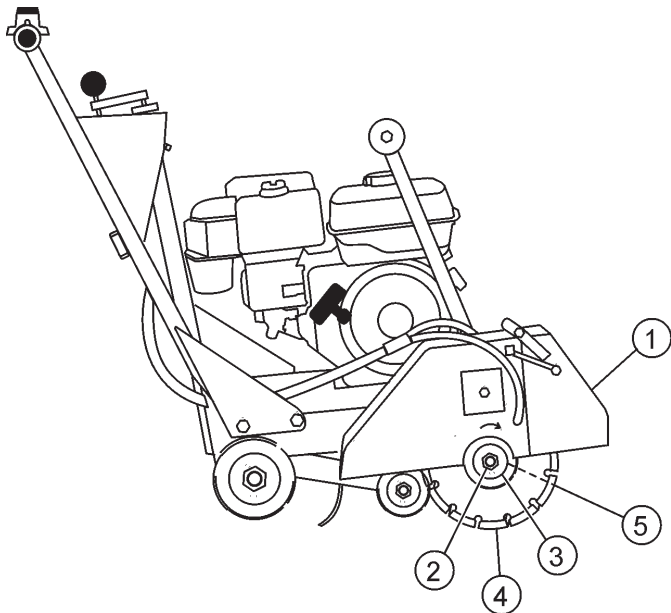
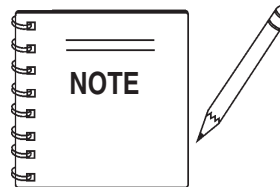


Figure 12. Tool (Blade) Placement

## Blade Removal and Replacement

1. Set the ENGINE ON/OFF switches to the "OFF" position to prevent accidental starting.
2. Place the saw on a stable level working surface.
3. Ensure the blade is raised and the raise/lower crank is locked into position.



When removing or installing a diamond blade, please note that the blade retaining nuts are left and right-hand threaded.

4. Lift up the blade guard cover to gain access to the blade.

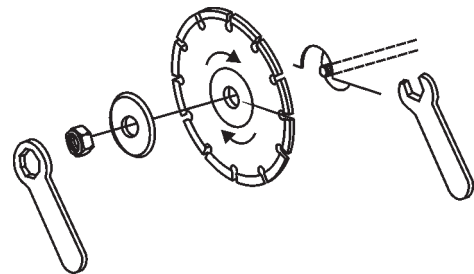


Figure 13. Tool (Blade) Locking Wrenches

**WARNING**

Incorrectly installed blades can cause damage to the blade or equipment or cause injury due to breakage.

**WARNING**

Dropping or forcing the blade onto the cutting surface can severely damage the diamond blade and may cause serious damage to the saw and bodily harm.

5. Use the provided blade nut and spindle locking wrenches to remove and install the blade. (Figure 13)
6. Unscrew the spindle nut (right side loosens clockwise and tightens counter-clockwise while the left side loosens counter-clockwise and tightens clockwise). **DO NOT** overtighten the nut (approximately 45-50 ft. lb/61-68 N/m) when finalizing the assembly.

# MQ STREET PRO 1 CE SAW — RAISE/LOWER AND DEPTH STOP

## Raise/Lower and Depth Stop

The saw is equipped with a Raise/Lower and Depth Stop Assembly that is supported by the following components. (Figure 14)

1. Adjusting Hand Crank Assembly
2. Raise/Lower Acme Screw
3. Jack Arm
4. Wheel Base Assembly
5. Jackshaft Pin
6. Lock Positions

## Setting the Depth Stop

1. Lift the Adjusting Hand Crank to unlock (disengage) the Depth Stop.
2. Rotate the crank to raise or lower the blade to the desired depth.
3. Lower the crank into one of the lock position holes (Item 6).

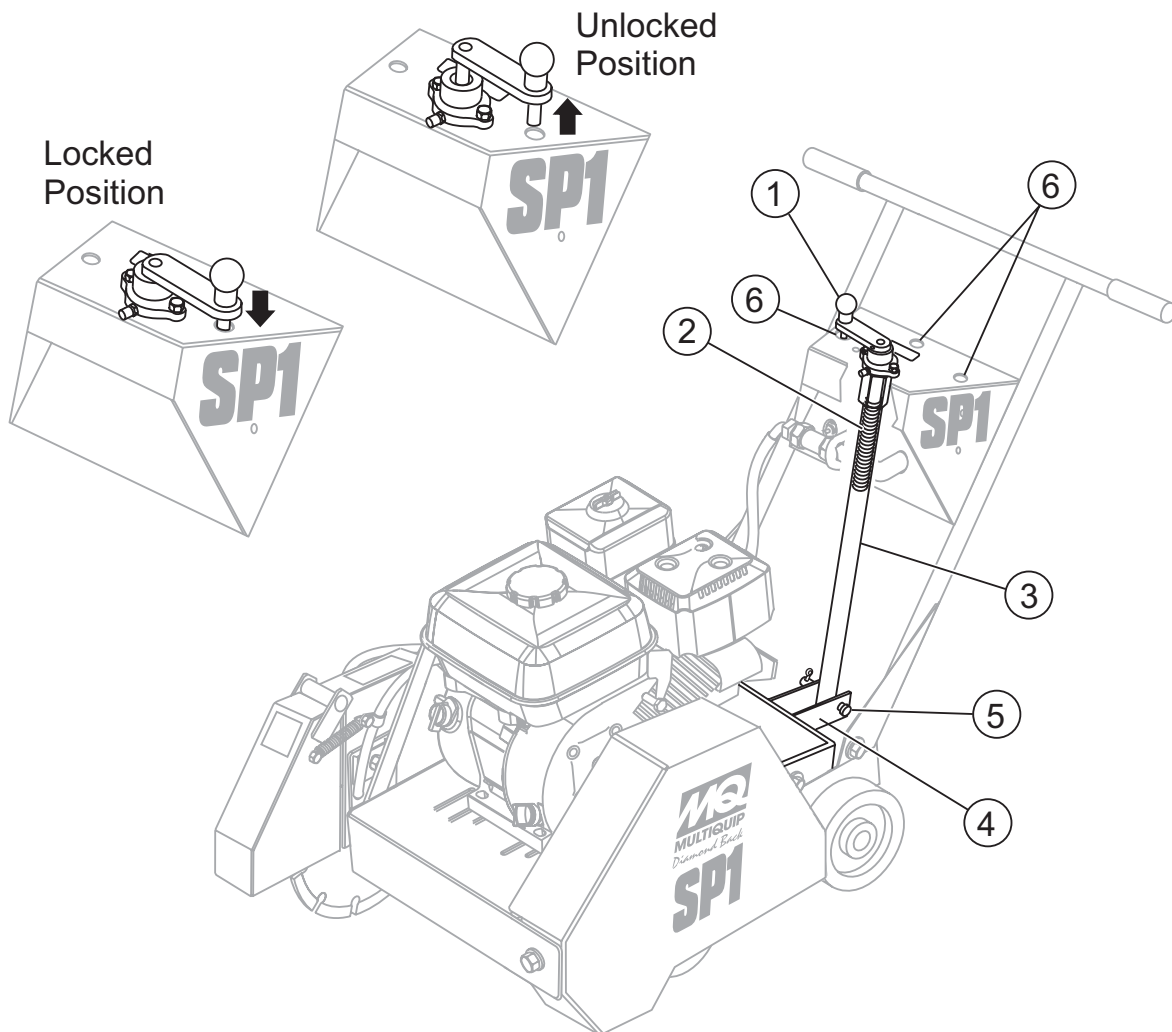


Figure 14. Cutting Depth - Raise/Lower System

# MQ STREET PRO 1 CE SAW — INITIAL START-UP

## INITIAL START-UP

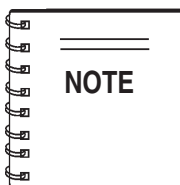
### CAUTION

**DO NOT** attempt to operate the saw until this manual has been read and thoroughly understood. Engine operating steps may vary. See included engine manufacturer's operating manual.



### CAUTION

Ensure the work area is clear of tool, debris, and unauthorized people.



The Engine Stop Switch located on the handlebar (Figure 15) serves both as an Emergency Engine Shut-Off and as the primary ON/OFF switch. This allows the operator to shutdown the saw safely away from moving parts.

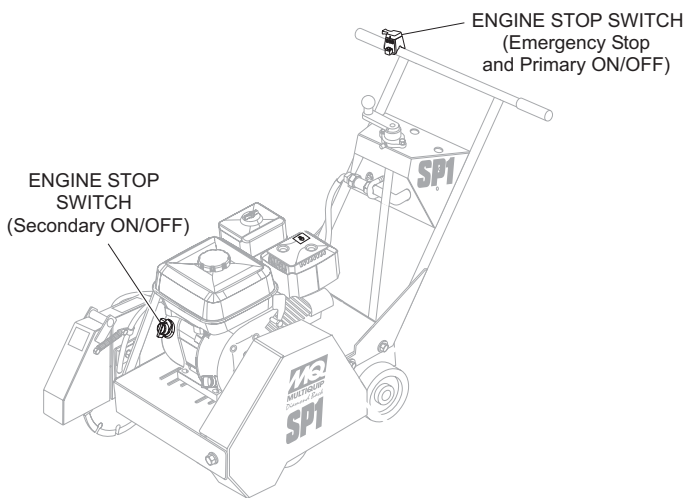


Figure 15. Engine Stop Switches

### WARNING

**NEVER** operate the saw in a confined area or enclosed structure that does not provide ample **free flow of air**.



**ALWAYS** wear approved eye and hearing protection while operating the saw.



### CAUTION

**NEVER** place hands or feet inside the belt guard or blade guard while the engine is running. **ALWAYS** shut the engine down before performing any kind of maintenance service on the saw



1. Keep Wheel Clamp applied (lever **DOWN**) until completely ready for cutting operation.

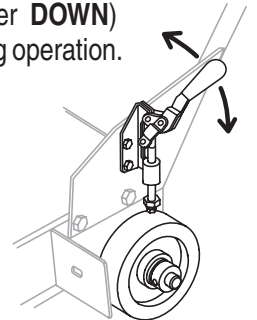


Figure 16. Wheel Clamp

2. Ensure the diamond blade has been mounted correctly and that it is raised above the surface you are about to saw.
3. Place the **fuel valve lever** (Figure 17) to the "ON" position.

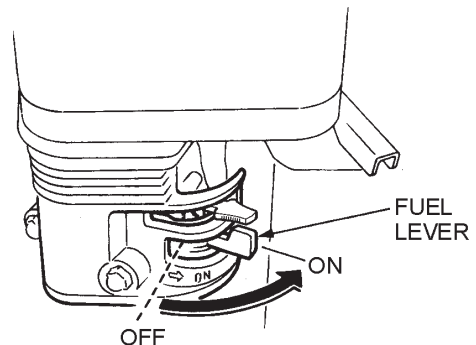


Figure 17. Engine Fuel Valve Lever

4. Place the **ENGINE ON/OFF switch** located on the **ENGINE** (Figure 18) in the "ON" position. Place the **ENGINE ON/OFF switch** located on the **HANDLEBARS** (Figure 15) in the "ON" (center) position.

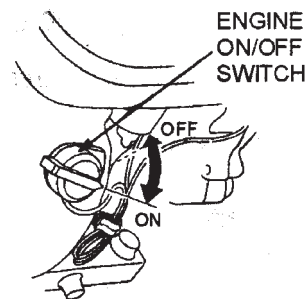


Figure 18. Engine ON/OFF Switch (On Engine)

# MQ STREET PRO 1 CE SAW — INITIAL START-UP

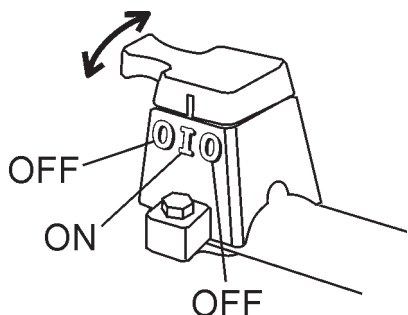


Figure 19. Engine Stop Switch (Handlebar)

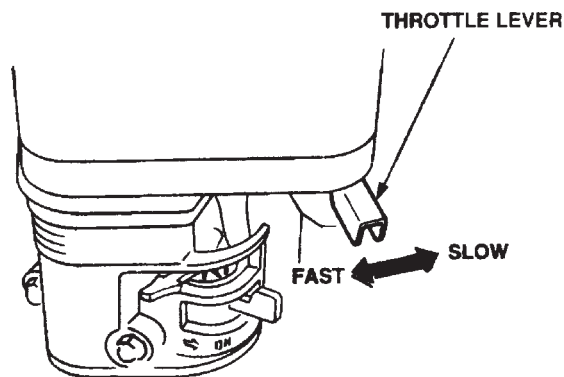
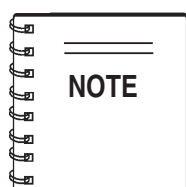


Figure 21. Throttle Lever



The **CLOSED** position of the choke lever enriches the fuel mixture for starting a **COLD** engine. The **OPEN** position provides the correct fuel mixture for normal operation after starting, and for restarting a warm engine.

- Place the **Choke Lever** (Figure 20) in the "**CLOSED**" position.

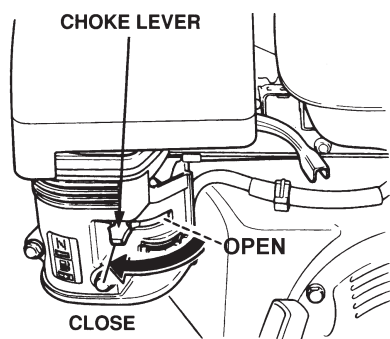


Figure 20. Choke Lever

**CAUTION**

**DO NOT** pull the starter rope all the way to the end. **DO NOT** release the starter rope after pulling. Allow it to rewind as soon as possible.

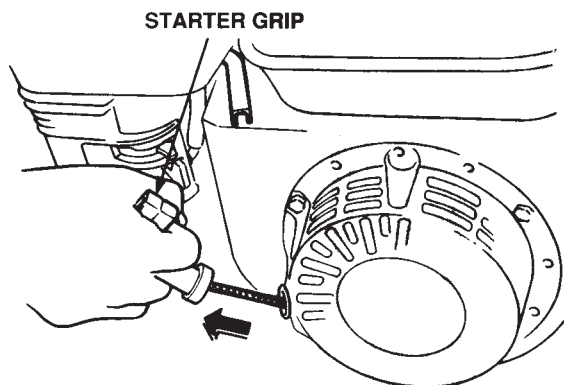


Figure 22. Starter Grip

**CAUTION**

The engine speed has been set at the factory. Changing the governor speed could damage the blade and/or the saw.

- Rotate the **throttle lever** (Figure 21) halfway between **fast** and **slow** for starting. All sawing is done at **full throttle**. The engine governor speed is factory set to ensure optimum blade operating speeds.
- If the engine has started, slowly return the choke lever (Figure 21) to the "**OPEN**" position. If the engine has not started repeat steps 1 through 7.
- Before the saw is placed into operation, run the engine for several minutes. Check for fuel leaks, and noises that could be associated with loose guards and/or covers.



# MQ STREET PRO 1 CE SAW — OPERATION

## OPERATION

### ! WARNING

**ALWAYS** cut with the saw at **FULL THROTTLE**. Attempting to cut with the saw at less than full throttle could cause the blade to bind or stop abruptly in the slab resulting in serious injury to the operator or others in the area.

### ! WARNING

**ALWAYS** keep clear of *rotating* or *moving* parts while operating this equipment.

### ! CAUTION

Ensure the cutting area is clear of tools, debris, and unauthorized people.

### ! CAUTION

**DO NOT** try to cut faster than the blade will allow. Cutting too fast will cause the blade to rise up out of the cut. Improper cutting rate can decrease the life of the engine and blades.

### ! CAUTION

Engine components and the blade can get **EXTREMELY HOT!** during operation. **ALWAYS** allow the engine and blade to cool before handling or servicing.

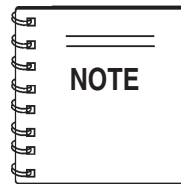


### ! CAUTION

Whenever the saw is not in operation or being moved or transported, apply the wheel clamp brakes to prevent unwanted displacement.



Mark the cutting line clearly and always saw in a **STRAIGHT LINE ONLY**.



The Engine Stop Switch located on the handlebar (Figure 19) serves both as an Emergency Engine Shut-Off and as the primary ON/OFF switch. This allows the operator to shutdown the saw safely away from moving parts.

1. Start the engine as described in the previous section. Rotate the throttle lever (Figure 21) toward full throttle. Ensure water supply system is in operation. Turn valve to start flow of water. (For water tank option, see page 27.)
2. Release Wheel Clamps by pulling levers **UP**.

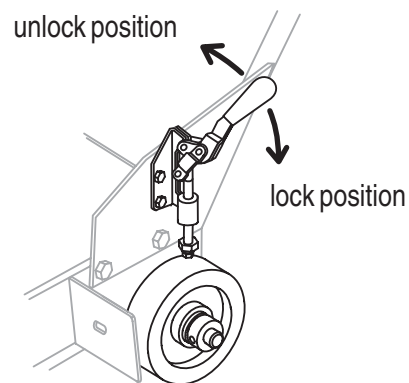


Figure 23. Wheel Clamp

3. To begin sawing, use the raise/lower crank handle on the console to lower the rotating blade allowing it to cut to the preset depth.
4. When blade has reached full cutting depth, slowly walk behind the saw at a rate that will allow the engine to operate without losing optimum RPM.
5. When the end of the cut has been reached, use the raise/lower crank on the console to raise the blade out of the cut.
6. When cutting is complete, turn the engine **OFF** using the **ENGINE STOP TOGGLE SWITCH** on the handlebars, and wait for the blade to stop rotating.
7. Set the engine **ON/OFF** switch to the **OFF** position.
8. Place the water valve in the **OFF** position (as required).
9. Push the Wheel Clamp Levers downward to apply braking pressure to the wheels (Figure 23).

## Restarting After Intervention

If cutting is interrupted where the engine stops or is turned off while the blade is still in the cut:

- a. Turn Engine Off switches to "**OFF**"
- b. Raise the blade out of the cut
- c. Restart the engine as described in the previous section.



### CAUTION

The only acceptable method for freeing a stuck blade is to remove the saw from the stuck or pinched blade. **DO NOT** try to get the blade unstuck using the Raise/Lower system or by lifting the saw by the lifting bale, etc.

If cutting is interrupted where the blade is stuck in the cut:

- a. Turn Engine Off switches to "**OFF**".
- b. Remove the blade guard.
- c. Remove blade mounting bolt and outer flange.
- d. Maneuver the saw away from the stuck blade.
- e. A parallel cut made next to the blade may be necessary to free it.
- f. Once the blade is freed inspect the blade for damage; discard if damaged.
- e. Ensure an undamaged, useable blade is installed on the saw before cutting is resumed with that saw.

# MQ STREET PRO 1 CE SAW — MAINTENANCE

## MAINTENANCE

See the engine manual supplied with your machine for appropriate engine maintenance schedule and troubleshooting guide for problems.




General maintenance practices are crucial to the performance and longevity of your saw. The extreme environments of sawing operations require routine cleaning, lubrication, belt tensioning, and inspection for wear and damage

The following procedures devoted to maintenance can prevent serious saw damage or malfunctioning.

**! DANGER**

Some maintenance operations may require the engine to be run. Ensure that the maintenance area is well ventilated. Exhaust contains poisonous carbon monoxide gas that can cause of unconsciousness and may result in **DEATH**.




**! WARNING**


Before servicing or inspection, **ALWAYS** park the saw on a level surface with the blade removed, and the handlebar Engine **ON/OFF** switch & Engine **ON/OFF** switch in "OFF" position.



**! CAUTION**


**ALWAYS** ensure that both **ENGINE ON/OFF** switches (on the handlebar and on the engine) are in the "OFF" position, and that the spindle has **COMPLETELY STOPPED ROTATING** before performing any of the the following operations:



- **REMOVING** or **INSTALLING** blades
  - **ADJUSTING** front or rear pointers
  - **LUBRICATING** any components
  - **REMOVING** engine mounting bolts
  - **INSPECTING, ADJUSTING, OR REPLACING** drivebelt, spindle, spindle bearings or **ANY** engine part
  - **REMOVING** blade or belt guards
- 

**! CAUTION**

**ALWAYS** allow the engine to cool before servicing. **NEVER** attempt any maintenance work on a **hot!** engine.



## Saw Blade Removal and Installation

See page 19.

## General Cleanliness

**Clean the machine daily.** Remove all dust and slurry build up. If the saw is steam cleaned, ensure that lubrication is accomplished **AFTER** steam cleaning operations.

## Chassis Lubrication

- **Spindle Bearings** - Two zerk fittings are located up under the lower-front of the saw. Lubricate before daily use. Use a good quality extreme pressure grease. Check and lubricate more often if unit is under heavy use. Do not overfill bearings. Overfilling can damage the grease seals. This can result in bearing exposure to dirt and contaminants which can then shorten the life of the bearings. Excess grease can also drip onto the cutting surface.

## Drive Belt

Refer to page 16 of this manual for Drive Belt adjustment procedures and Removal and Replacement procedures.

## General Engine Care

### Engine check:

Check daily for any oil and/or fuel leakage, thread nut & bolt tightness, and overall cleanliness.

### Engine air filter:

Replace air filter if dirty. See Engine Owner's Manual for detailed information.

### Engine oil:

Check daily. Inspect with blade removed and saw frame level on a level surface. Keep the oil clean, and at the proper servicing level (Figure 7). **DO NOT OVERFILL!** SAE 10W-30 of SG is recommended for general use.

# MQ STREET PRO 1 CE SAW — MAINTENANCE

## Engine oil change:

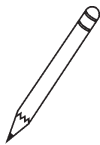
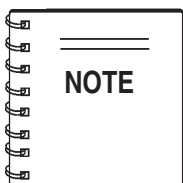
Change engine oil the first month or 20 hours of operation. Then every 3 months/or 50 HOURS of operation. See Engine Owner's Manual for detailed information.

Drain the used oil while the engine is warm by the following method:

Refer to Figure 24.

1. Place an oil pan or suitable container below the engine drain plug to catch the used oil.
2. Remove the filler cap/dipstick and the drain plug.
3. Drain the oil completely and reinstall the drain plug. Ensure the drain plug is tightened securely.
4. Make sure the engine is in a level position and fill to the outer edge of the oil filler hole with the recommended oil. (See Table 3.) Engine oil capacity is 1.16 US quart (1.1 liter).
5. Screw in the filler cap/dipstick securely.

**CAUTION**  
Running the engine with a low oil level can cause engine damage.



Dispose of used oil properly. **DO NOT** pour used oil on the ground, down a drain, or throw in the trash. Used oil can generally be taken to your local recycling center or service station for reclamation. Follow all required

environmental rules and regulations required in your area concerning the disposal of hazardous waste such as used oil and oil filters.

## Engine tank & strainer:

Clean every year/or 300 hours.

## Fuel line:

Replace every two years/or as necessary.

## Spark plug:

Clean/adjust every 6 months/or 100 hours. Replace every year/ or 300 hours.

## Front Pointer Adjustment

The front pointer wheel has been set at the factory. Use these procedures only if the pointer is suspect of being out of alignment.

1. Chalk out a straight line on the prepared slab or cutting surface.
2. Use a straight-edge or level by placing it flat against the blade.
3. Adjust the front pointer wheel so it just touches the side of the straight-edge or level.
4. Remove the straight-edge or level.
5. Position the front pointer and blade directly over the chalk line.
6. Start the saw and lower the blade onto the chalk line.
7. Begin cutting and make sure the blade follows the chalk line as closely as possible.
8. The pointer should follow the chalk line as well. If it does not, adjust the pointer by loosening then tightening the jam nuts on the pointer until the pointer follows the same path as the blade.

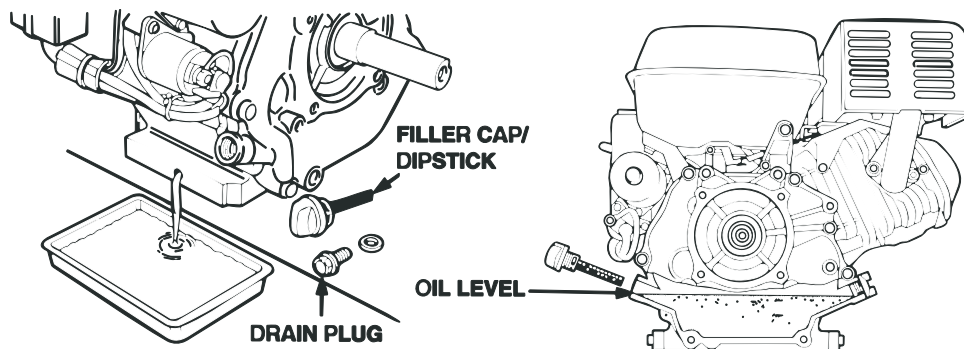


Figure 24. Engine Oil Change

# MQ STREET PRO 1 CE SAW — OPTIONAL WATER TANK

## WATER TANK KIT (OPTION)

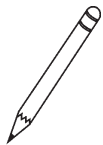
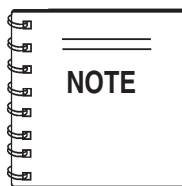
An optional water tank kit is available for use with the SP1 Saw. The following steps are instructions for the assembly of the kit onto your SP1 Saw.

### CAUTION

Make certain all bolts securing the kit to the saw are tight before operating the saw.

### CAUTION

DO NOT use a water tank larger than 5 gallons (18.95 liters) with this kit.



While the optional water tank kit is excellent for short-run cutting operations, the use of a pressurized, continual water source may be preferred for longer or sustained cutting.

1. Locate all parts listed in the parts list (see page 45).
2. Slide the Tank Shelf (item 1, Figure 25) over the top of the engine so the recoil starter fits through the large opening in the shelf. The recoil starter handle must be accessible through this opening. Ensure the recoil starter handle can be pulled without binding or interference with the shelving.
3. Mount the Tank Shelf to the frame using hardware items 7, 9, 11, and 13 to attach the shelf to the frame utilizing existing slots in the frame.
4. Locate the Spacers for the tank mount. This kit provides spacers for two different engine options. The spacers are identified as:

Honda 9HP - use 2-3/8" spacer

Honda 13HP - use 1-1/2" spacer

5. After determining the correct spacer length, place the spacers (item 12, Figure 25) between the engine block and the tank shelf bracket and secure the assembly with the 3/8" hardware (items 6, 8, and 10). Use the appropriate length bolt (item 6) for your application.

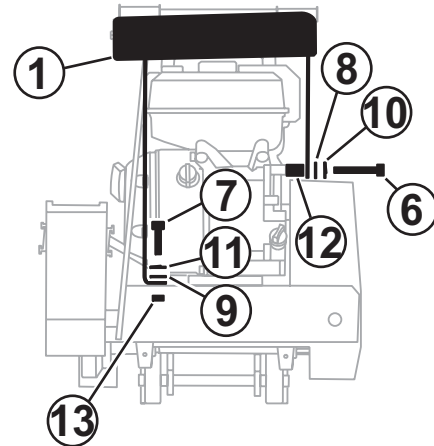


Figure 25. Water Tank Kit (Option)

6. Connect the Swivel Connector (item 5, Figure 26) to one end of the hose (item 3) with clamp (item 2).
7. Remove the hard plastic tube from the valve on the Water Tank (item 14). Slide this tube into the open end of the hose (item 3) to a depth of approximately 1 inch (25.4mm). Fasten with clamp (item 2).

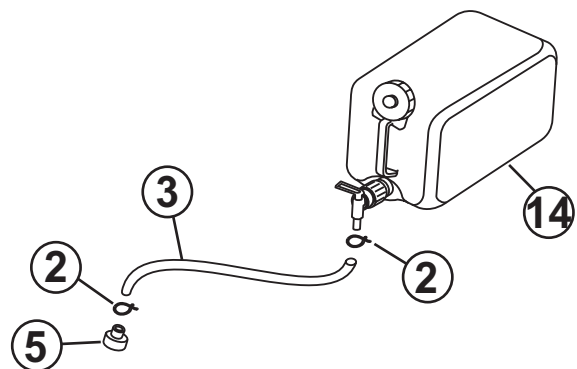


Figure 26. Hose and Clamps

8. Replace the hard plastic tube back into the Water Tank valve.

## MQ STREET PRO 1 CE SAW — OPTIONAL WATER TANK

- 9 Place the Water Tank (with the hose assembled), onto the Tank Shelf so the valve and hose are resting in the notch of the top of the Tank Shelf. (Figure 27)
10. Place the Bungee Cord (item 4) over the Water Tank (item 14) so it securely holds the tank onto the Shelf.
11. Disconnect the existing water hose from the saw blade guard and connect instead, the new hose using the Swivel Connector. (item 5)

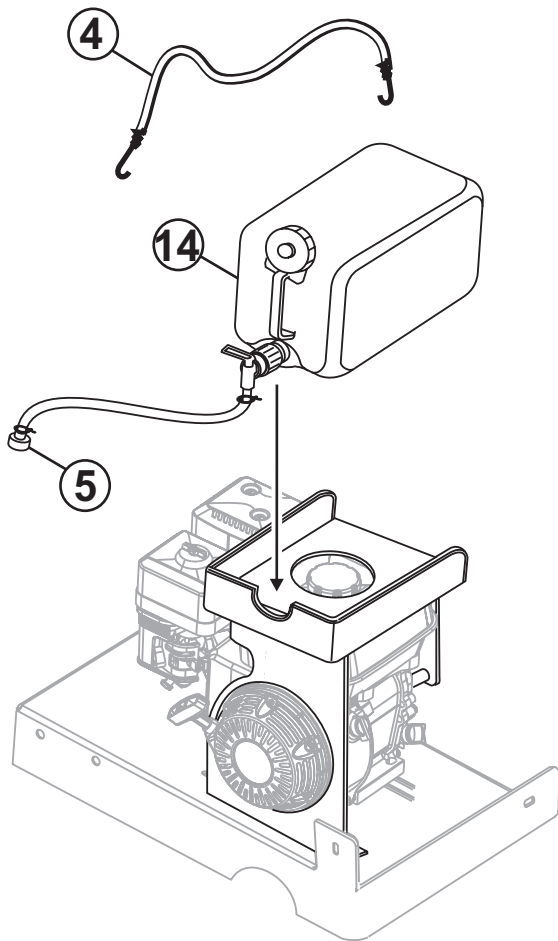


Figure 27. Water Tank Position

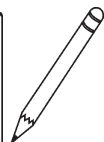
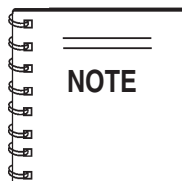
### CAUTION

Remove the pre-existing water hose entirely or fasten it away from any contact or interference with the blade or any moving part.

# MQ STREET PRO 1 CE SAW — TROUBLESHOOTING (SAW)

**TABLE 5. BLADE TROUBLESHOOTING**

| SYMPTOM  | POSSIBLE PROBLEM   | SOLUTION  |
|--|--|---|
| Blade slows or stops cutting.                            | Blade too hard for the material being cut?               | Consult Dealer or Multiquip for correct blade. Try cutting very soft material (sandstone, silica brick, cinder block) to "Redress" the blade. |
|  | Engine torque diminished because of loose V-belt?        | Tighten and/or replace V-Belts.   |
|  | Insufficient engine power?                               | Check throttle setting. Check Engine horsepower.  |
|  | Improper direction of rotation?                          | Check that the blade is properly oriented and rotational arrow points in a "Down-Cutting" direction.  |
|  | Blade is slipping on the blade shaft?                    | Check that the blade & flange pin are properly installed on the blade shaft.  |
| Blade does not cut straight and/or true.                 | Blade being used on misaligned saw?                      | Check blade shaft bearings and alignment integrity.   |
|  | Blade is excessively hard for the material being cut?    | Check specification of the blade with the material being cut. Consult Dealer or Multiquip for information.                                    |
|  | Blade being used at improper RPM?                        | Ensure blade surface feet per minute speed (SFPM) is approximately 6,000.   |
|  | Blade improperly mounted on arbor shoulders and flanges? | Ensure blade is properly affixed on the blade shaft.  |
|  | Excessive force applied to blade while cutting?          | <b>DO NOT</b> force the blade in the cut. Apply a slow and steady pace when sawing.   |
| Blade discoloring, crackling and/or wearing excessively. | Blades too hard for the material being cut?              | Consult Dealer or Multiquip for correct blade. Try cutting very soft material (sandstone, silica brick, cinder block) to "Redress" the blade. |
|  | Blade improperly mounted on arbor shoulders and flanges? | Ensure blade is properly affixed on the blade shaft.  |
|  | Blade not receiving enough cooling water?                | Ensure proper flow & volume of water is provided for wet cutting blades.  |
|  | Arbor hole out of round?                                 | Ensure blade is properly affixed on the blade shaft.  |
|  | Incorrect blade chosen for material being cut?           | Check specification of the blade with the material being cut. Consult Dealer or Multiquip for information.                                    |
|  | Excessive force applied to blade while cutting?          | <b>DO NOT</b> force the blade in the cut. Apply a slow and steady pace when sawing.   |



Certain operations referred to in this troubleshooting section such as re-seating valves or replacing piston rings may require special tools and must be performed by trained and competent personnel.

# MQ STREET PRO 1 CE SAW — TROUBLESHOOTING (ENGINE)

**TABLE 6. TROUBLESHOOTING (ENGINE)**

| SYMPTOM  | POSSIBLE CAUSE  | SOLUTION  |
|--|---|---|
| Difficult to start, "fuel is available, but no SPARK at spark plug".                 | Spark plug bridging?                                    | Check gap, insulation or replace spark plug.              |
|  | Carbon deposit on spark plug?                           | Clean or replace spark plug.                              |
|  | Short circuit due to deficient spark plug insulation?   | Check spark plug insulation, replace if worn.             |
|  | Improper spark plug gap?                                | Set to proper gap.  |
|  | Ignition coil defective?                                | Replace ignition coil.                                    |
| Difficult to start, "fuel is available, and SPARK is present at the spark plug".     | ON/OFF switch is shorted?                               | Check switch wiring, replace switch.                      |
|  | Improper spark gap, points dirty?                       | Set correct spark gap and clean points.                   |
|  | Condenser insulation worn or short circuiting?          | Replace condenser.  |
|  | Spark plug wire broken or short circuiting?             | Replace defective spark plug wiring.                      |
| Difficult to start, "fuel is available, spark is present and compression is normal". | Wrong fuel type?  | Flush fuel system, and replace with correct type of fuel. |
|  | Water or dust in fuel system?                           | Flush fuel system.  |
|  | Air cleaner dirty?                                      | Replace air cleaner.                                      |
|  | Choke Open?   | Close Choke.  |
| Difficult to start, "fuel is available, spark is present and compression is low".    | Suction/exhaust valve stuck or protruded?               | Re-seat valves.   |
|  | Piston ring and/or cylinder worn?                       | Replace piston rings and/or piston.                       |
|  | Cylinder head and/or spark plug not tightened properly? | Torque cylinder head bolts and spark plug.                |
|  | Head gasket and/or spark plug gasket damaged?           | Replace head and/or spark plug gaskets.                   |
| No fuel present at the carburetor.   | Fuel not available in fuel tank (tank empty)?           | Fill with correct type of fuel.                           |
|  | Fuel filter clogged?                                    | Replace fuel filter.                                      |
|  | Fuel tank cap breather hole clogged?                    | Clean or replace fuel tank cap.                           |
|  | Air in fuel line?                                       | Bleed fuel line.  |



# MQ STREET PRO 1 CE SAW — TROUBLESHOOTING (ENGINE)

## TABLE 6. TROUBLESHOOTING (ENGINE, CONTINUED)

| SYMPTOM   | POSSIBLE CAUSE                               | SOLUTION  |
|---|--|---|
| "Weak in power" compression is proper and does not misfire. | Air cleaner not clean?                       | Replace air cleaner.                                      |
|   | Improper fuel level in carburetor?           | Check float adjustment.                                   |
|   |  | Rebuild carburetor.                                       |
|   | Defective spark plug?                        | Clean or replace spark plug.                              |
| Improper spark plug gap?                                    | Set to proper gap.                           |   |
| "Weak in power" compression is proper but misfires.         | Water in fuel system?                        | Flush fuel system and replace with correct type fuel.     |
|   | Ignition coil defective?                     | Replace ignition coil.                                    |
|   | Dirty spark plug?                            | Clean or replace spark plug.                              |
| Engine overheats.   | Wrong fuel type?                             | Flush fuel system, and replace with correct type of fuel. |
|   | Spark plug heat value improper?              | Replace with correct type of spark plug.                  |
|   | Cooling fins dirty?                          | Clean cooling fins.                                       |
| Rotational speed fluctuates.                                | Governor adjusted correctly?                 | Adjust governor.  |
|   | Governor spring defective or missing?        | Replace governor spring.                                  |
|   | Fuel flow restricted?                        | Check entire fuel system for leaks or clogs.              |
| Recoil starter malfunction.                                 | Recoil mechanism clogged with dust and dirt? | Clean recoil assembly with soap and water.                |
|   | Spiral spring loose?                         | Replace spiral spring.                                    |

# EXPLANATION OF CODE IN REMARKS COLUMN

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

The contents and part numbers listed in the parts section are subject to change **without notice**. Multiquip does not guarantee the availability of the parts listed.

Sample Parts List:

| NO. | PART NO. | PART NAME             | QTY. | REMARKS             |
|-----|----------|-----------------------|------|---------------------|
| 1   | 12345    | BOLT .....            | 1    | INCLUDES ITEMS W/*  |
| 2*  |          | WASHER, 1/4 IN. ....  |      | NOT SOLD SEPARATELY |
| 2*  | 12347    | WASHER, 3/8 IN. ... 1 |      | MQ-45T ONLY         |
| 3   | 12348    | HOSE .....            | A/R  | MAKE LOCALLY        |
| 4   | 12349    | BEARING .....         | 1    | S/N 2345B AND ABOVE |

## NO. Column

**Unique Symbols** - All items with same unique symbol (\*, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the "Remarks" column.

**Duplicate Item Numbers** - Duplicate numbers indicate multiple part numbers are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.



When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

## PART NO. Column

**Numbers Used** - Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the "Remarks" Column.

## QTY. Column

**Numbers Used** - Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the "Remarks" Column.

## REMARKS Column

Some of the most common notes found in the "Remarks" Column are listed below. Other additional notes needed to describe the item can also be shown.

**Assembly/Kit** - All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

"INCLUDES ITEMS W/(unique symbol)"

**Serial Number Break** - Used to list an effective serial number range where a particular part is used.

Indicated by:

"S/N XXXXX AND BELOW"

"S/N XXXX AND ABOVE"

"S/N XXXX TO S/N XXXX"

**Specific Model Number Use** - Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

"XXXXX ONLY"

"NOT USED ON XXXX"

**"Make/Obtain Locally"** - Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

**"Not Sold Separately"** - Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

# MQ STREET PRO 1 CE SAW — SUGGESTED SPARE PARTS

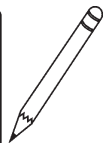
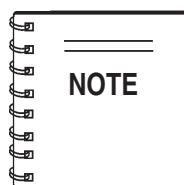
## SUGGESTED SPARE PARTS

### MQ STREET PRO 1 CE CONCRETE/ASPHALT SAW

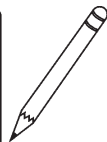
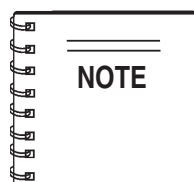
#### 1 TO 3 UNITS WITH HONDA GX390K1QWT2/GX390U1QWT2 ENGINES

#### *1 to 3 Units*

| Qty. .... | P/N .....         | Description                                      |
|-----------|-------------------|--|
| 3         | 20478 .....       | HAND GRIP  |
| 4         | 2621 .....        | GREASE ZERK, SPINDLE BEARING                     |
| 4         | 1162 A .....      | CAP, GREASE ZERK                                 |
| 3         | 13249 .....       | BELT (3VX315) 13HP HONDA                         |
| 3         | 16779-006 .....   | BELT (3VX300) 5HP ELECTRIC MOTOR                 |
| 3         | 9807956846 .....  | SPARK PLUG, BPR6ES, NKG                          |
| 1✘        | 17620ZH7023 ..... | TANK CAP, BLACK, (S/N 3605677 AND BELOW)         |
| 1✘        | 17620Z0T305 ..... | TANK CAP, CHROME PLATED, (S/N 3605678 AND ABOVE) |
| 1◇        | 17620Z0T305 ..... | TANK CAP, CHROME PLATED                          |
| 2         | 17210ZE3010 ..... | AIR CLEANER ELEMENT                              |
| 1✘        | 28462ZV7003 ..... | ROPE, RECOIL STARTER                             |
| 1◇        | 28462ZE3W01 ..... | ROPE, RECOIL STARTER                             |
| 2         | 28086001 .....    | 8" REAR WHEEL ( GAS MODEL)                       |
| 2         | 23668001 .....    | 6" REAR WHEEL ( ELECTRIC MODEL)                  |
| 2         | 26221001 .....    | 4" FRONT WHEEL                                   |
| 1         | 29013001 .....    | 1-1/2" BOX WRENCH                                |



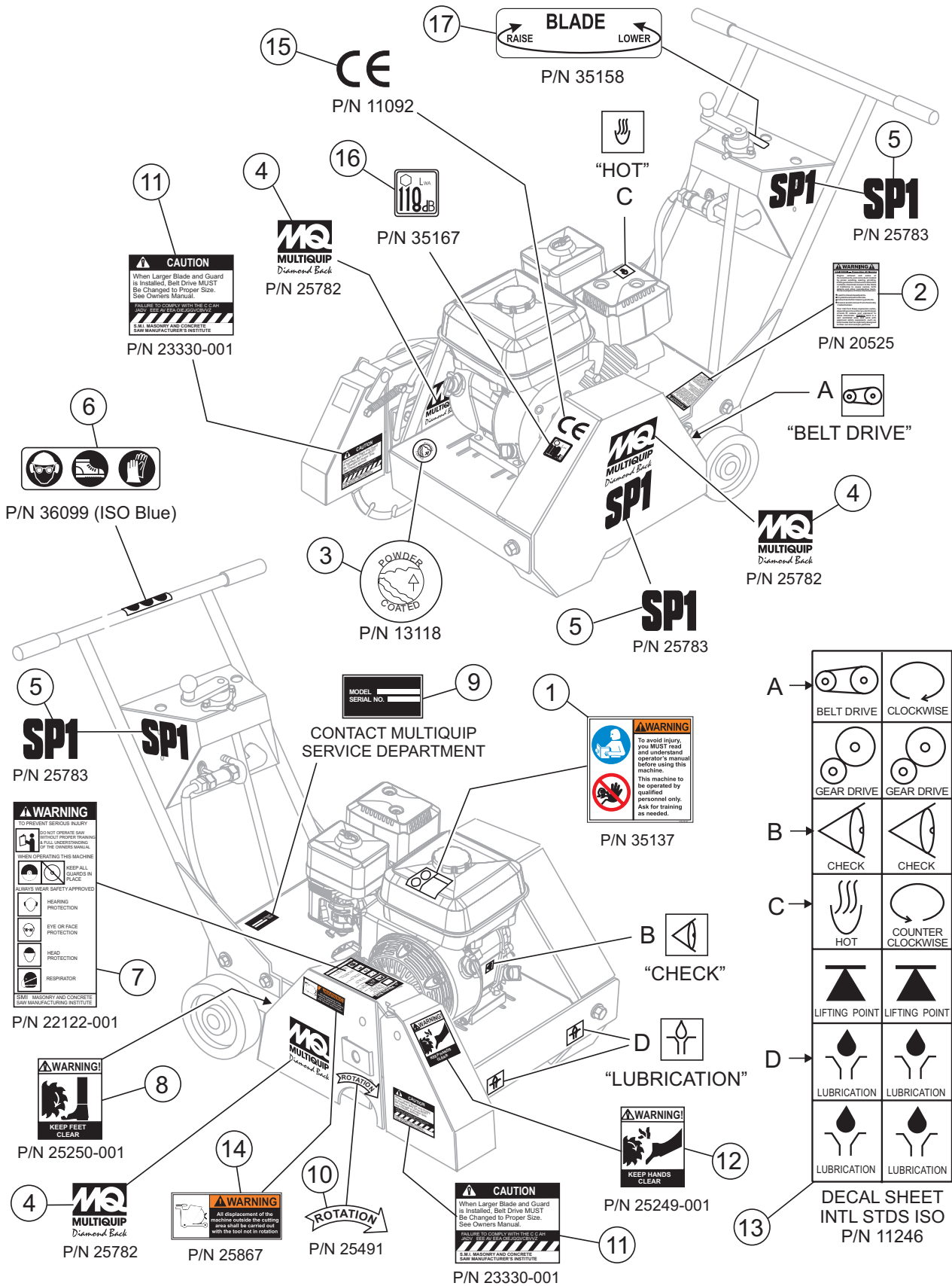
The contents of this parts catalog are subject to change without notice.



- ✘ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# MQ STREET PRO 1 SAW — DECALS

## DECALS



# MQ STREET PRO 1 CE SAW — DECALS

## DECALS

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|-----------------------------|-------------|---------------------|
| 1          | 35137           | DECAL, WARNING, READ MANUAL | 1           | SAFETY ITEM         |
| 2          | 20525           | DECAL, PROP 65 WARNING      | 1           | SAFETY ITEM         |
| 3          | 13118           | DECAL, POWDER COATED        | 1           |                     |
| 4          | 25782           | DECAL, MQ DIAMONDBACK       | 3           |                     |
| 5          | 25783           | DECAL, SP 1                 | 3           |                     |
| 6          | 36099           | DECAL, ISO SAFETY GEAR      | 1           | SAFETY ITEM         |
| 7          | 22122-001       | DECAL, WARNING              | 1           | SAFETY ITEM         |
| 8          | 25250-001       | DECAL, WARNING FEET         | 1           | SAFETY ITEM         |
| 9          |                 | SERIAL NUMBER PLATE         | 1           | CONTACT PARTS DEPT. |
| 10         | 25491           | DECAL, ROTATION CW          | 1           | SAFETY ITEM         |
| 10         | 25678           | DECAL, ROTATION CCW         | 1           | SAFETY ITEM         |
| 11         | 23330-001       | DECAL, CAUTION BLADE GUARD  | 1           | SAFETY ITEM         |
| 12         | 25249-001       | DECAL, WARNING HANDS        | 1           | SAFETY ITEM         |
| 13         | 11246           | DECAL SHEET, INTL STDS      | 1           | SAFETY ITEM         |
| 14         | 25876           | DECAL, WARNING CE BLADE     | 1           | SAFETY ITEM         |
| 15         | 11092           | DECAL, CE                   | 1           |                     |
| 16         | 35167           | DECAL, SOUND POWER          | 1           | SAFETY ITEM         |
| 17         | 35158           | DECAL, BLADE RAISE/LOWER    | 1           | SAFETY ITEM         |



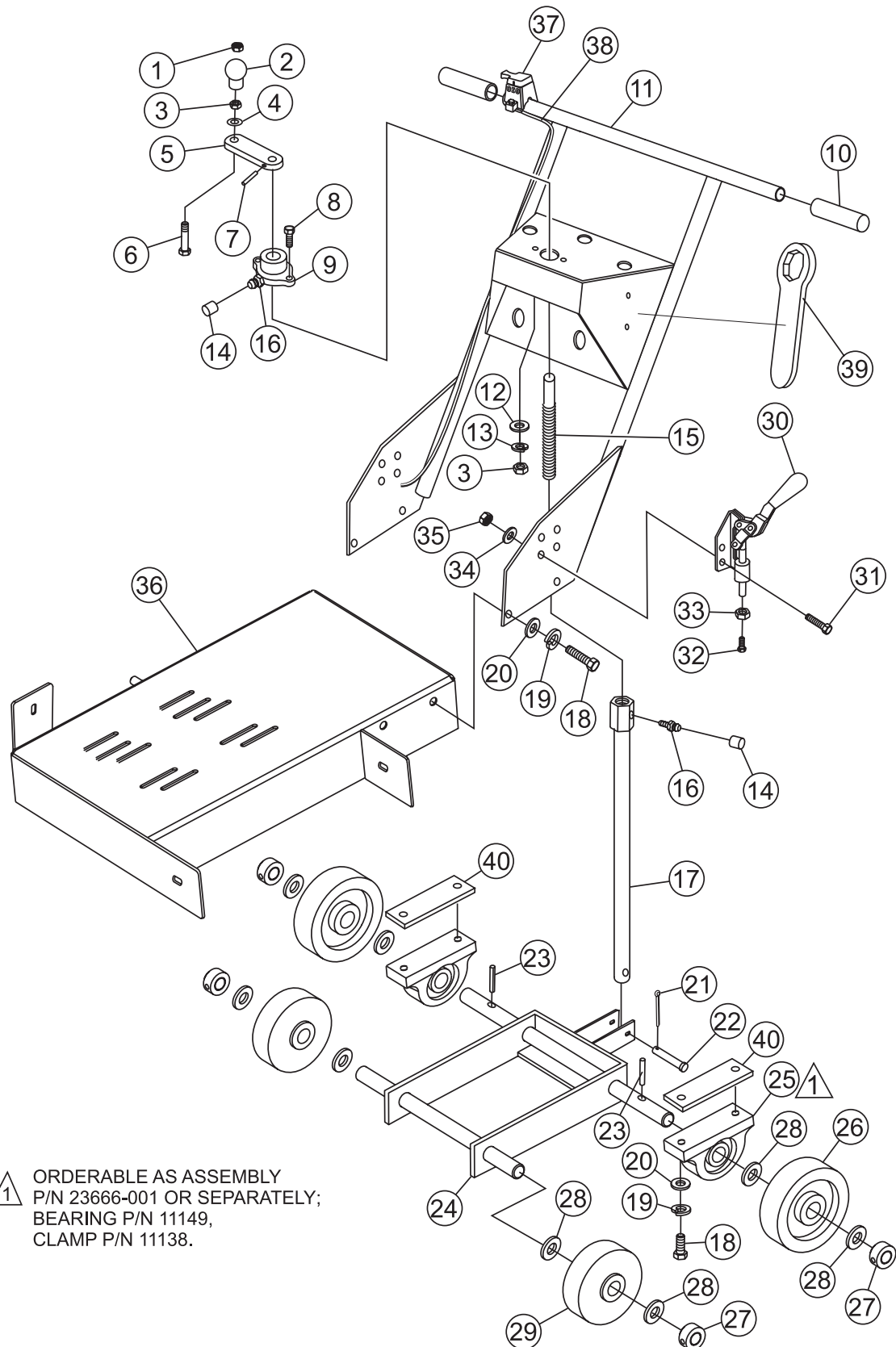
# MQ STREET PRO 1 CE SAW — ENGINE, BELTS AND PULLEYS

## ENGINE, BELTS AND PULLEYS

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u>    |
|------------|-----------------|---------------------------------|-------------|-------------------|
| 1          | 15103           | ENGINE 13 HP HONDA RED          | 1           |                   |
| 2          | 9152            | KEY, 1/4 X 1-3/4                | 1           |                   |
| 3          | 0669 A          | SCREW. HHCS 5/16-18 x 2-1/4"    | 4           |                   |
| 4          | 0300B           | FLAT WASHER 5/16"               | 10          |                   |
| 5          | 5283            | NUT, 5/16 - 18 LOCK             | 4           |                   |
| 6          | 23811-352       | BELT TENSIONER                  | 2           |                   |
| 7          | 6059B           | SQUARE KEY, 1/4 X 2             | 1           |                   |
| 8          | 23665-001       | PULLEY, ENGINE                  | 1           |                   |
| 9          | 25354           | SCREW, SHS 1/4 - 20 X 1/2 ALLOY | 4           |                   |
| 10         | 13249           | BELT, 3VX315                    | 3           |                   |
| 11         | 23665-009       | PULLEY, SPINDLE                 | 1           |                   |
| 12         | 27044-001       | SPACER                          | 2           |                   |
| 13         | 26105-751       | BELT GUARD, 13HP RED .....      | 1           | ..... SAFETY ITEM |
| 14         | 0202            | SCREW, 5/16 - 12 X 1            | 2           |                   |
| 15         | 0161 C          | WASHER, LOCK 5/16               | 2           |                   |
| 16         | 26112-354       | FRAME                           | 1           |                   |
| 17         | 10779-011       | CAP                             | 2           |                   |
| 18         | 10133           | NUT, 3/8 - 16                   | 1           |                   |
| 19         | 10136           | WASHER, FLAT 3/8                | 1           |                   |

# MQ STREET PRO 1 CE SAW — UNDERCARRIAGE ASSY.

## UNDERCARRIAGE ASSY





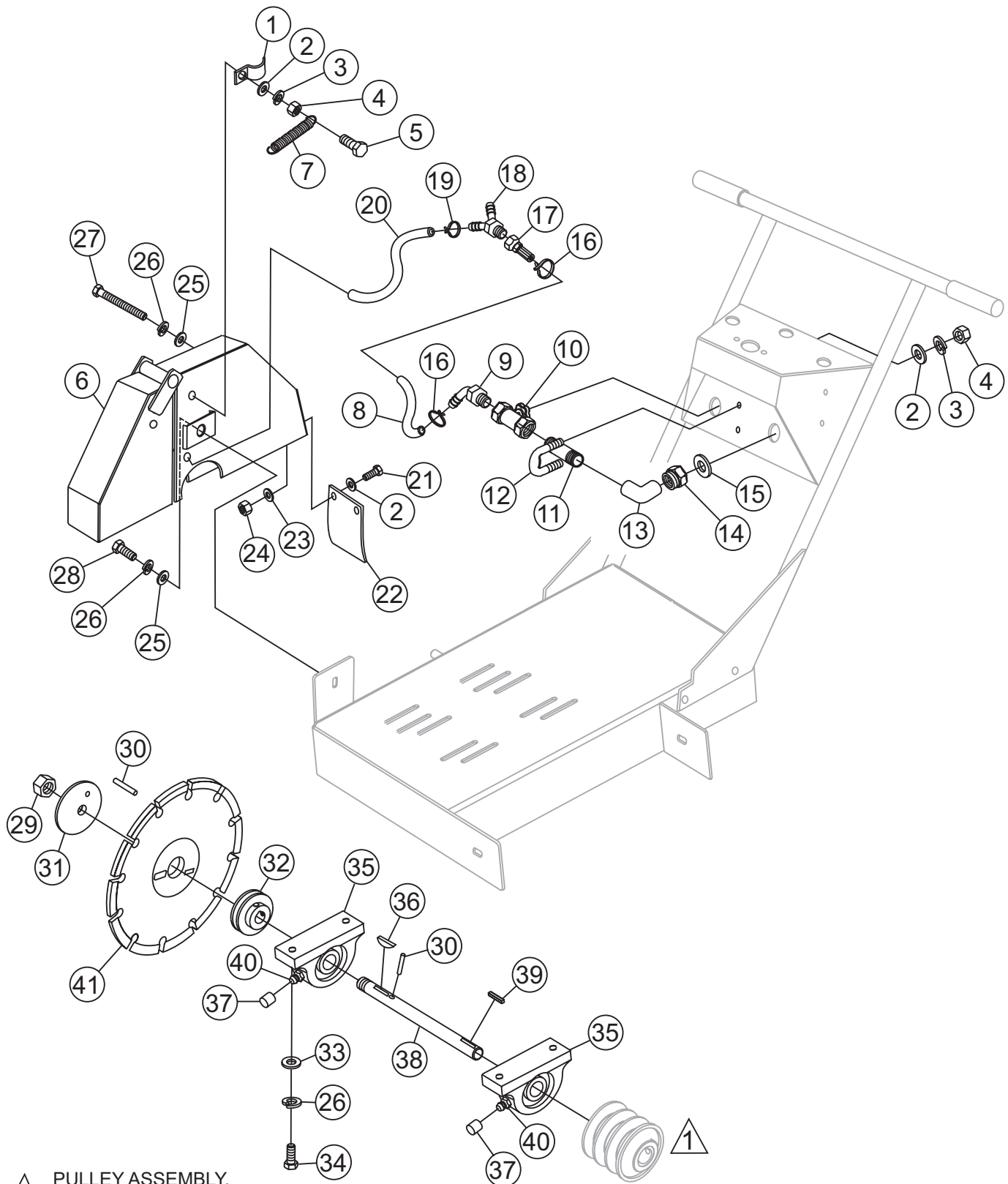
# MQ STREET PRO 1 CE SAW — UNDERCARRIAGE ASSY.

## UNDERCARRIAGE ASSY

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>               | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|--------------------------------|-------------|----------------|
| 1          | 08233-005       | LOCKNUT, 5/16 - 18             | 1           |                |
| 2          | 18637-001       | KNOB                           | 1           |                |
| 3          | 0161 D          | HEX NUT, 5/16 - 18             | 3           |                |
| 4          | 25496           | BUSHING                        | 1           |                |
| 5          | 28808-002       | CRANK HANDLE                   | 1           |                |
| 6          | 26164-001       | LOCK PIN                       | 1           |                |
| 7          | 4568            | ROLL PIN 3/16 X 1              | 1           |                |
| 8          | 07046-011       | BOLT, CARRIAGE 5/16-18 X 1-1/2 | 2           |                |
| 9          | 23284-001       | FLANGE BEARING                 | 1           |                |
| 10         | 15081           | HAND GRIP                      | 2           |                |
| 11         | 26126-354       | HANDLE                         | 1           |                |
| 12         | 0300 B          | FLATWASHER 5/16                | 2           |                |
| 13         | 0161 C          | LOCKWASHER 5/16                | 2           |                |
| 14         | 1162 A          | CAP, GREASE ZERK               | 4           |                |
| 15         | 26137-002       | ACME SCREW                     | 1           |                |
| 16         | 2621            | ZERK, GREASE STR 1/4 - 28      | 1           |                |
| 17         | 29408-352       | JACK ARM (SUPPORT TUBE)        | 1           |                |
| 18         | 0205            | SCREW, HHCS 3/8 - 16 X 1-1/4   | 8           |                |
| 19         | 0166 A          | LOCKWASHER, 3/8                | 8           |                |
| 20         | 10136           | FLATWASHER 3/8                 | 8           |                |
| 21         | 6014 B          | COTTER PIN 3/32 X 1            | 1           |                |
| 22         | 08326-019       | PIN 3/8 X 2-5/16               | 1           |                |
| 23         | 07402-024       | ROLL PIN 1/8 X 1-1/2           | 2           |                |
| 24         | 26120-352       | WHEEL BASE ASSEMBLY            | 1           |                |
| 25         | 23666-001       | CLAMP & BEARING ASSEMBLY       | 2           |                |
| 25A        | 11138           | CLAMP ASSEMBLY                 | 2           |                |
| 25B        | 11149           | BEARING                        | 2           |                |
| 26         | 23668-001       | REAR WHEEL, (8 X 2)            | 2           |                |
| 27         | 26133-001       | LOCKING COLLAR                 | 4           |                |
| 28         | 8151            | FLATWASHER, 3/4                | 6           |                |
| 29         | 26121-001       | FRONT WHEEL                    | 2           |                |
| 30         | 35131           | CLAMP, DESTACO MODEL 609       | 2           | SAFETY ITEM    |
| 31         | 0131 A          | SCREW, HHC 1/4 - 20 X 3/4      | 8           |                |
| 32         | 0202            | SCREW, HHC 5/16 - 18 X 1       | 2           |                |
| 33         | 0106            | NUT, HEX JAM 5/16 - 18         | 2           |                |
| 34         | 0948            | WASHER, FLAT SAE 1/4           | 8           |                |
| 35         | 10024           | NUT, NYLOC 1/4 - 20            | 8           |                |
| 36         | 26112-354       | FRAME                          | 1           |                |
| 37         | 35127           | SWITCH, ENGINE ON/OFF          | 1           | SAFETY ITEM    |
| 38         | 35134           | WIRE, ENGINE OFF SWITCH        | 1           | SAFETY ITEM    |
| 39         | 29013-001       | 1-1/2" BOX WRENCH              | 1           |                |
| 40         | 25677           | SPACER, REAR AXLE BEARING      | 2           |                |

# MQ STREET PRO 1 CE SAW — BLADE ASSEMBLY & WATER SYSTEM

## BLADE ASSEMBLY & WATER SYSTEM



1 PULLEY ASSEMBLY.  
SEE PAGE 30.

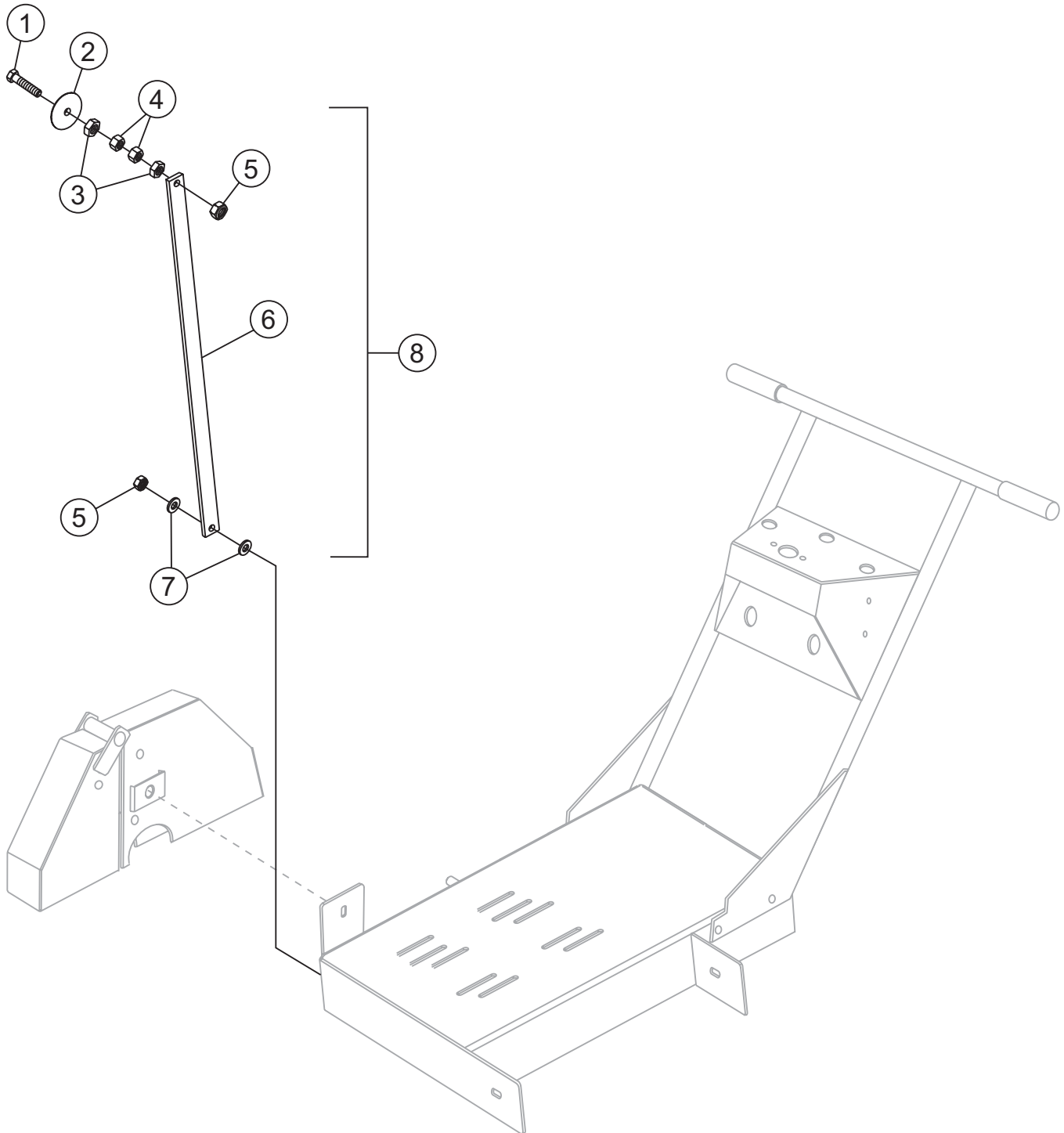
# MQ STREET PRO 1 CE SAW — BLADE ASSEMBLY & WATER SYSTEM

## BLADE ASSEMBLY & WATER SYSTEM

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|------------------------------|-------------|---------------------|
| 1          | 22129-001       | CLAMP                        | 2           |                     |
| 2          | 0948            | FLATWASHER, 1/4              | 5           |                     |
| 3          | 0181B           | LOCK WASHER 1/4              | 5           |                     |
| 4          | 0949            | HEX NUT 1/4 - 20             | 5           |                     |
| 5          | 0424            | SCREW, HHCS 1/4 - 20 X 1     | 4           |                     |
| 6          | 29406-753       | BLADE GUARD 18" RED .....    | 1           | SAFETY ITEM         |
| 7          | 18626-001       | SPRING                       | 2           |                     |
| 8          | 23255-011       | HOSE 26"                     | 1           |                     |
| 9          | 23566-001       | BARBED FITTING 90 DEG.       | 1           |                     |
| 10         | 35122-402       | VALVE                        | 1           |                     |
| 11         | 11708           | NIPPLE 1/2                   | 1           |                     |
| 12         | 16378-005       | U-BOLT 1/4                   | 1           |                     |
| 13         | 23252-002       | ELBOW 1/2                    | 1           |                     |
| 14         | 26134-001       | CONNECTOR, GARDEN HOSE       | 1           |                     |
| 15         | 13336-001       | WASHER, RUBBER               | 1           |                     |
| 16         | 12694-006       | HOSE CLAMP                   | 2           |                     |
| 17         | 24778-001       | SWIVEL CONNECTOR             | 1           |                     |
| 18         | 24642-001       | Y-FITTING                    | 1           |                     |
| 19         | 12694-004       | HOSE CLAMP                   | 2           |                     |
| 20         | 60021 .....     | HOSE, 1.0 FT. ....           | 2           | SOLD PER FOOT       |
| 21         | 0131 A          | SCREW, HHCS 1/4 - 20 X 3/4   | 2           |                     |
| 22         | 28729-005       | CHIP GUARD .....             | 1           | SAFETY ITEM         |
| 23         | 10930           | FENDER WASHER 1/4            | 2           |                     |
| 24         | 10024           | LOCKNUT, 1/4 - 20            | 2           |                     |
| 25         | 10136           | FLATWASHER 3/8               | 6           |                     |
| 26         | 0166 A          | LOCKWASHER 3/8               | 2           |                     |
| 27         | 06501-032       | SCREW, HHCS 3/8 - 16 X 4     | 1           |                     |
| 28         | 0205            | SCREW, HHCS 3/8 - 16 X 1     | 1           |                     |
| 29         | 06922-003       | NUT L.H. 1 - 1/4             | 1           |                     |
| 30         | 24894-020       | DOWEL PIN 3/8 X 1-1/4        | 2           |                     |
| 31         | 26928-004       | FLANGE, OUTER                | 1           |                     |
| 32         | 28811-001       | FLANGE, INNER                | 1           |                     |
| 33         | 4001            | FLATWASHER                   | 4           |                     |
| 34         | 1284            | SCREW, HHCS 3/8 - 16 X 1-1/2 | 4           |                     |
| 35         | 3200            | BEARING                      | 2           |                     |
| 36         | 0125            | WOODRUFF KEY 1/4 X 1         | 1           |                     |
| 37         | 1162 A          | CAP, GREASE ZERK             | 2           |                     |
| 38         | 26135-002       | SPINDLE                      | 1           |                     |
| 39         | 9152            | KEY 1/4 X 1-3/4              | 1           |                     |
| 40         | 2621            | GREASE ZERK                  | 2           |                     |
| 41         |                 | BLADE, DIAMOND BACK .....    | 1           | CONTACT PARTS DEPT. |

# MQ STREET PRO 1 CE SAW — POINTER ASSEMBLY

## POINTER ASSEMBLY



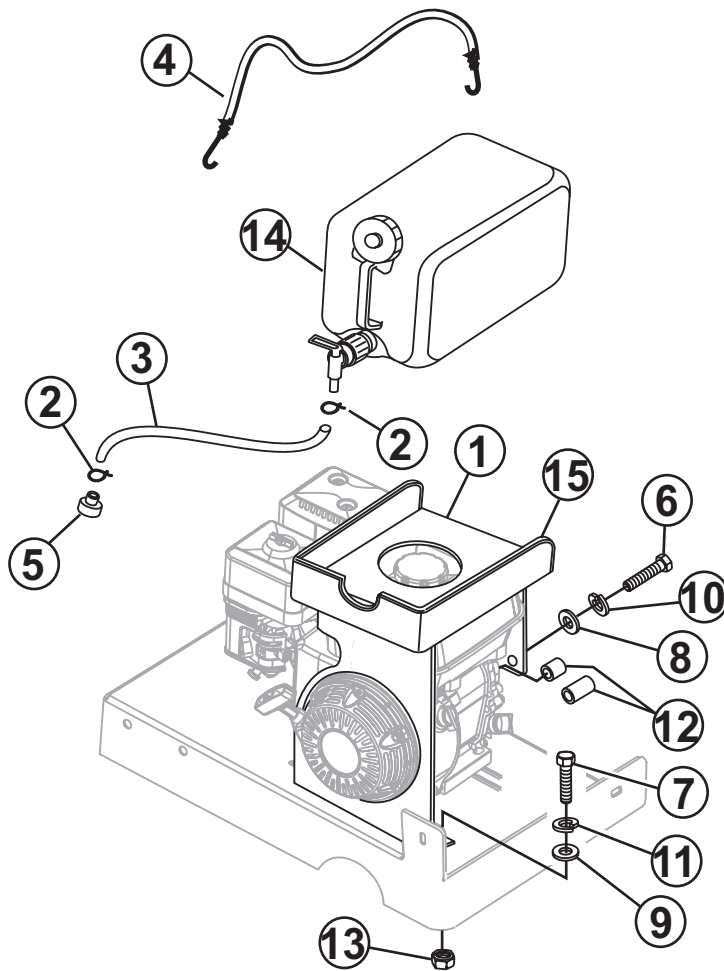
# MQ STREET PRO 1 CE SAW — POINTER ASSEMBLY

## POINTER ASSEMBLY

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>         | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|--------------------------|-------------|----------------|
| 1          | 21017           | SCREW, POINTER ARM       | 1           |                |
| 2          | 29043-001       | WHEEL, POINTER           | 1           |                |
| 3          | 1007            | NUT, HEX JAM 3/8 - 16    | 2           |                |
| 4          | 1456            | NUT, HEX FINISH 3/8 - 16 | 2           |                |
| 5          | 10133           | NUT, NYLOC 3/8 - 16      | 2           |                |
| 6          | 27073-001       | ARM, POINTER             | 1           |                |
| 7          | 10136           | WASHER, FLAT 3/8         | 2           |                |
| 8          | 29042-501       | INDICATOR ASSEMBLY       | 1           |                |

# MQ STREET PRO 1 CE SAW — WATER TANK (OPTIONAL)

WATER TANK (OPTION)



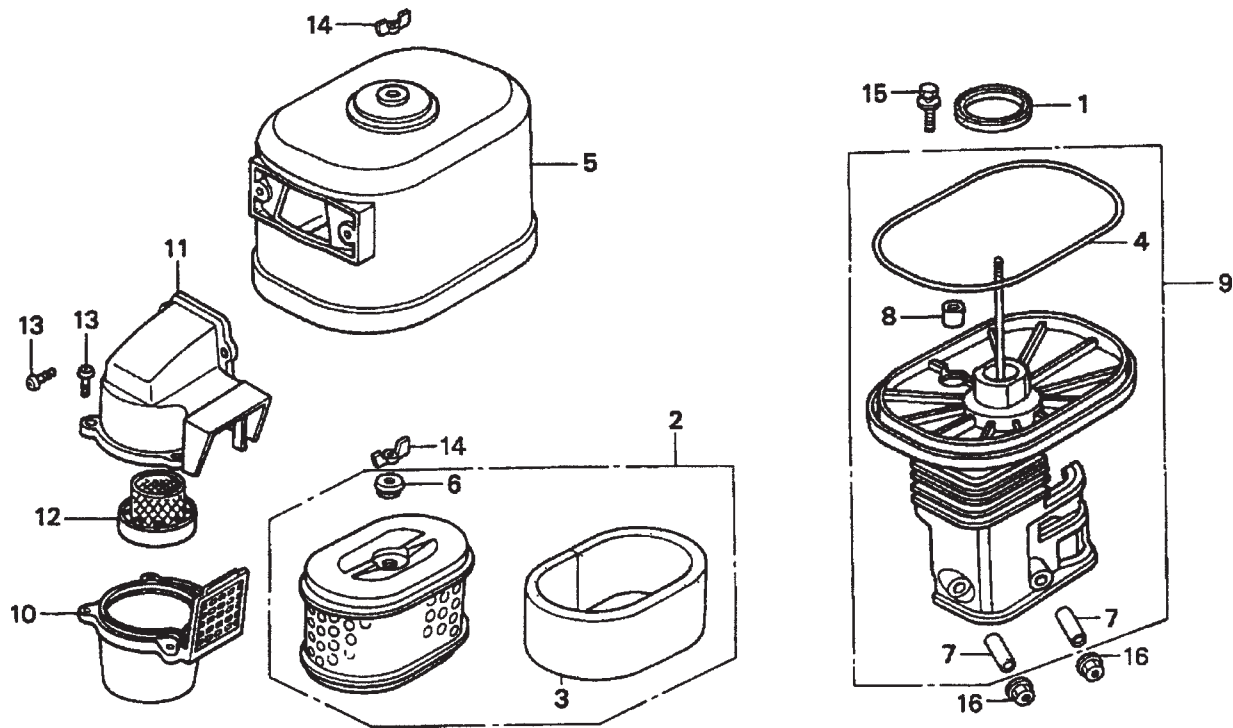
## MQ STREET PRO 1 CE SAW — WATER TANK (OPTIONAL)

### WATER TANK (OPTION)

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------------------|-------------|----------------|
| 1          | 29290-351       | SHELF, TANK                      | 1           |                |
| 2          | 14821-001       | CLAMP, HOSE                      | 2           |                |
| 3          | 27040-001       | HOSE, CLEAR PVC 19" (482.6mm)    | 1           |                |
| 4          | 28862-001       | CORD, BUNGEE                     | 1           |                |
| 5          | 24778-003       | CONNECTOR, SWIVEL                | 1           |                |
| 6          | 06501-016       | SCREW, HHCS 3/8 - 16 X 2-1/4     | 2           |                |
| 6          | 06501-026       | SCREW, HHCS 3/8 - 16 X 3-1/4     | 2           |                |
| 7          | 06500-010       | SCREW, HHCS 5/16 - 16 X 1-1/4    | 2           |                |
| 8          | 07030-006       | WASHER, FLAT 3/8                 | 2           |                |
| 9          | 07030-005       | WASHER, FLAT 5/16                | 4           |                |
| 10         | 07029-006       | WASHER, LOCK 3/8                 | 2           |                |
| 11         | 07029-005       | WASHER, LOCK 5/16                | 2           |                |
| 12         | 29291-002       | SPACER, TANK MOUNT, 2-3/8"       | 2           |                |
| 12         | 29291-001       | SPACER, TANK MOUNT, 1-1/2"       | 2           |                |
| 13         | 07033-006       | NUT, HEX 5/16 - 18               | 2           |                |
| 14         | 28089-001       | TANK, WATER, 5 GAL(18.95 LITERS) | 1           |                |
| 15         | 28861-002       | TRIM, RUBBER                     | 2           |                |

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— AIR CLEANER ASSY.

AIR CLEANER ASSY.

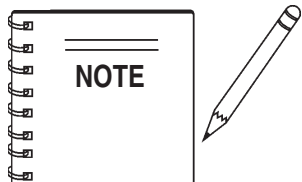




# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— AIR CLEANER ASSY.

## AIR CLEANER ASSY.

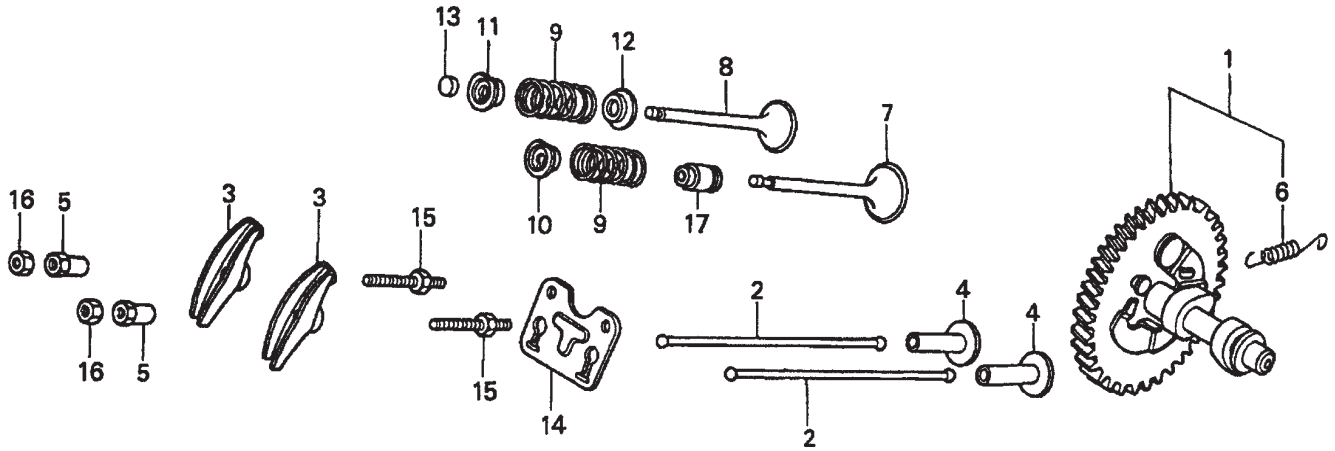
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|------------------------------|-------------|--------------------|
| 1✖         | 16271ZE2000     | GASKET, ELBOW                | 1           |                    |
| 1◇         | 16271ZE2010     | GASKET, ELBOW                | 1           |                    |
| 2          | 17210ZE3010     | ELEMENT, AIR CLEANER .....   | 1           | INCLUDES ITEMS W/* |
| 3*         | 17218ZE3000     | FILTER, OUTER                | 1           |                    |
| 4#         | 17219ZE3840     | SEAL, AIR CLEANER COVER      | 1           |                    |
| 5          | 17230ZE3841     | COVER, AIR CLEANER (CYCLONE) | 1           |                    |
| 6*         | 17232891000     | GROMMET, AIR CLEANER         | 1           |                    |
| 7#         | 17238ZE2310     | COLLAR, AIR CLEANER          | 2           |                    |
| 8#         | 17239ZE3840     | COLLAR B, AIR CLEANER        | 1           |                    |
| 9          | 17410ZE3840     | ELBOW, AIR CLEANER .....     | 1           | INCLUDES ITEMS W/# |
| 10✖        | 17470ZE3841     | CASE, PRE AIR CLEANER        | 1           |                    |
| 10◇        | 17470ZE3842     | CASE, PRE AIR CLEANER        | 1           |                    |
| 11         | 17475ZE3841     | CAP, PRE AIR CLEANER         | 1           |                    |
| 12         | 17476ZE3841     | GUIDE, PRE AIR CLEANER       | 1           |                    |
| 13         | 90142MB0000     | SCREW, PAN 5X16.5            | 5           |                    |
| 14         | 90325044000     | WINGNUT, TOOL BOX SETTING    | 2           |                    |
| 15         | 90009ZE2003     | BOLT- WASHER 6X22            | 1           |                    |
| 16         | 9405006000      | NUT, FLANGE 6MM              | 2           |                    |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CAMSHAFT ASSY.

CAMSHAFT ASSY.



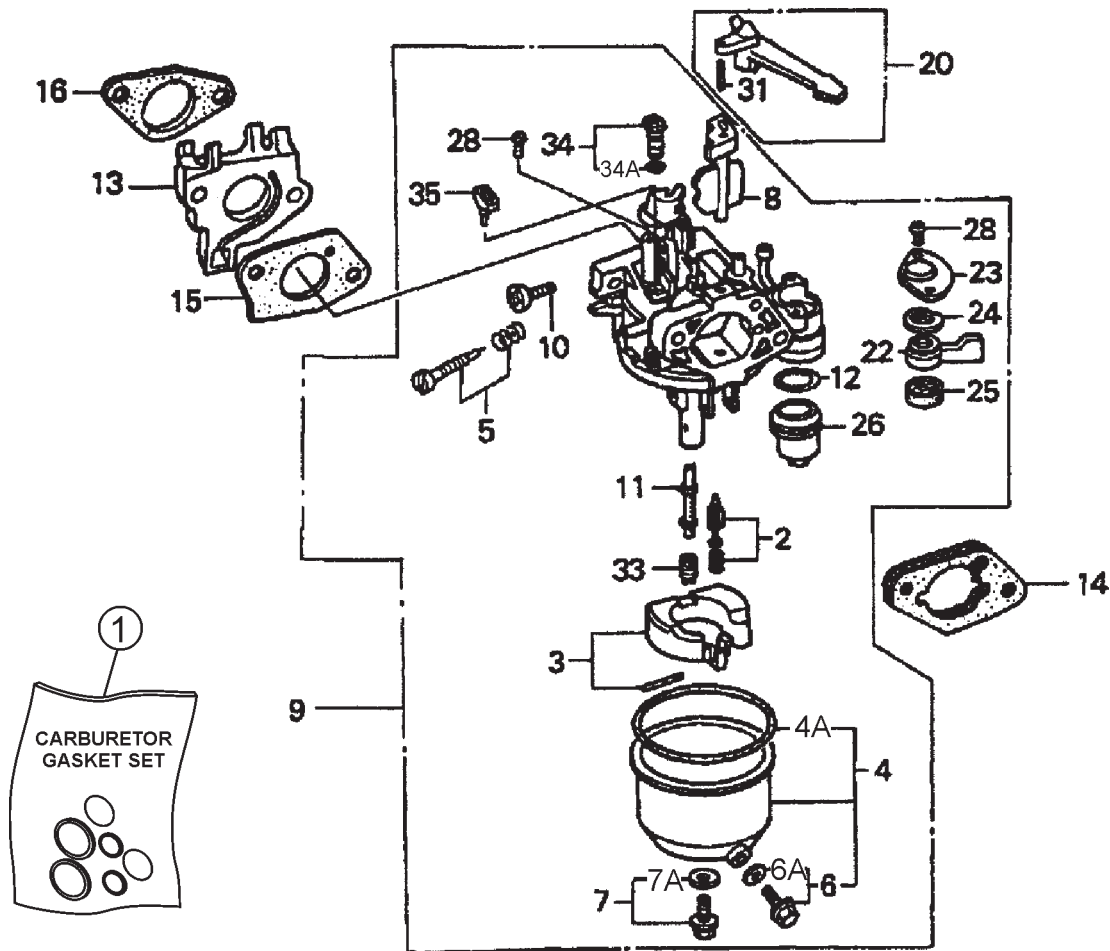
# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CAMSHAFT ASSY.

## CAMSHAFT ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>               | <u>QTY.</u> | <u>REMARKS</u>    |
|------------|-----------------|--------------------------------|-------------|-------------------|
| 1          | 14100ZF6W01     | CAMSHAFT ASSEMBLY .....        | 1 .....     | INCLUDES ITEM W/* |
| 2          | 14410ZE3013     | ROD, PUSH                      | 2           |                   |
| 3          | 14431ZE2010     | ARM, VALVE ROCKER              | 2           |                   |
| 4          | 14441ZE2000     | LIFTER, VALVE                  | 2           |                   |
| 5          | 14451ZE1013     | PIVOT, ROCKER ARM              | 2           |                   |
| 6*         | 14568ZE1000     | SPRING, WEIGHT RETURN          | 1           |                   |
| 7          | 14711ZE3000     | VALVE, INTAKE                  | 1           |                   |
| 8          | 14721ZE3000     | VALVE, EXHAUST                 | 1           |                   |
| 9          | 14751ZE2003     | SPRING, VALVE                  | 2           |                   |
| 10         | 14771ZE2000     | RETAINER,INTAKE VALVE SPRING   | 1           |                   |
| 11         | 14773ZE2000     | RETAINER, EXHAUST VALVE SPRING | 1           |                   |
| 12         | 14775ZE2010     | SEAT, VALVE SPRING             | 1           |                   |
| 13         | 14781ZE2000     | ROTATOR, VALVE                 | 1           |                   |
| 14         | 14791ZE2010     | PLATE, PUSH ROD GUIDE          | 1           |                   |
| 15         | 90012ZE0010     | BOLT, PIVOT 8MM                | 2           |                   |
| 16         | 90206ZE1000     | NUT, PIVOT ADJ.                | 2           |                   |
| 17         | 12209ZE8003     | SEAL, VALVE STEM               | 1           |                   |

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CARBURETOR ASSY.

CARBURETOR ASSY.



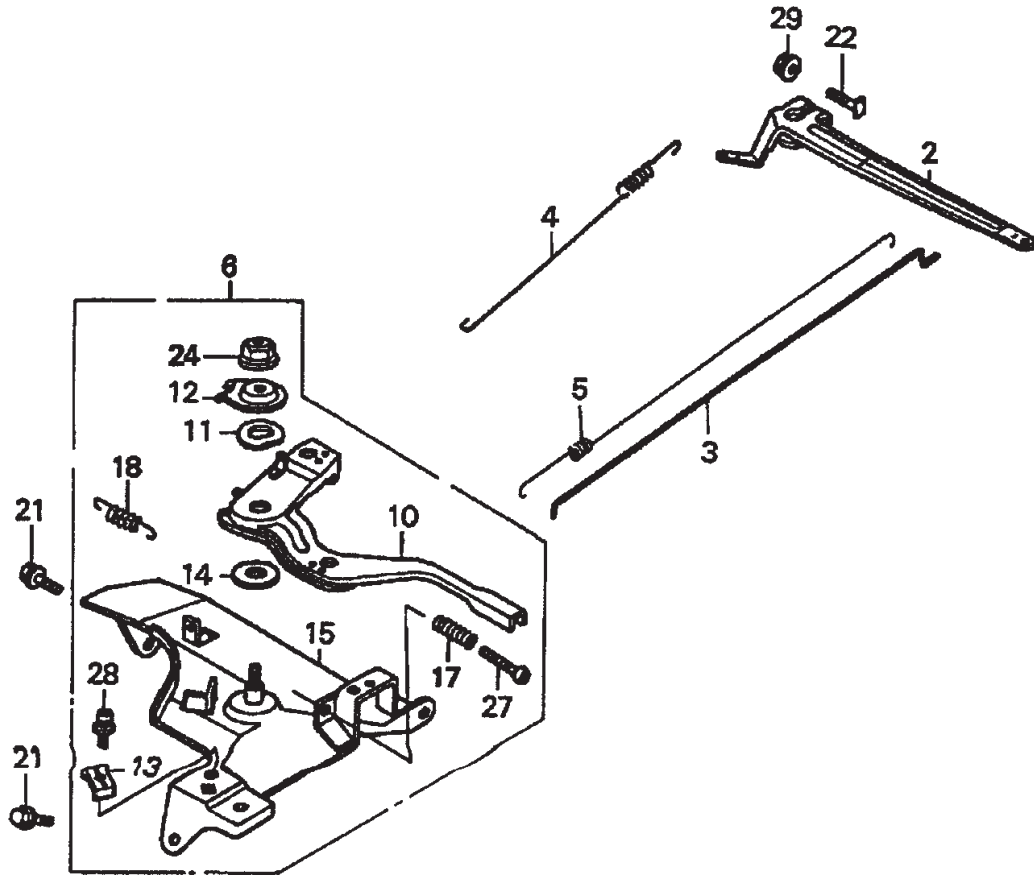
# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CARBURETOR ASSY.

## CARBURETOR ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                  | <u>QTY.</u> | <u>REMARKS</u>      |
|------------|-----------------|-----------------------------------|-------------|---------------------|
| 1          | 16010ZE2812     | CARBURETOR, GASKET SET            | 1           | INCLUDES ITEMS W/+  |
| 2\$        | 16011ZA0931     | VALVE SET, FLOAT                  | 1           |                     |
| 3\$        | 16013ZA0931     | FLOAT SET                         | 1           |                     |
| 4\$        | 16015ZE8005     | CHAMBER SET, FLOAT .....          | 1 .....     | INCLUDES ITEM 4A    |
|            |                 | .....                             |             | INCLUDES ITEM W/>   |
| 4A+        |                 | GASKET, CHAMBER SET FLOAT .....   |             | NOT SOLD SEPARATELY |
| 5\$        | 16016ZH7W01     | SCREW SET, PILOT                  | 1           |                     |
| 6\$>       | 16024ZE1811     | SCREW SET, DRAIN, .....           | 1 .....     | INCLUDES ITEM 6A    |
| 6A+        |                 | GASKET, SCREW SET DRAIN .....     |             | NOT SOLD SEPARATELY |
| 7\$        | 16028ZE0005     | SCREW SET .....                   | 1 .....     | INCLUDES ITEM 7A    |
| 7A+        |                 | GASKET, SCREW SET .....           |             | NOT SOLD SEPARATELY |
| 8\$        | 16044ZE3W20     | CHOKE SET                         | 1           |                     |
| 9\$        | 16100ZF6V21     | CARBURETOR ASSY. (BE85C B) .....  | 1 .....     | INCLUDES ITEMS W/\$ |
| 10\$       | 16124ZE0005     | SCREW, THROTTLE STOP              | 1           |                     |
| 11\$       | 16166ZF6W10     | NOZZLE, MAIN                      | 1           |                     |
| 12\$+      | 16173001004     | GASKET, FUEL STRAINER CUP         | 1           |                     |
| 13         | 16211ZF6000     | INSULATOR, CARBURETOR             | 1           |                     |
| 14         | 16220ZA0702     | SPACER, CARBURETOR                | 1           |                     |
| 15         | 16221ZF6800     | GASKET, CARBURETOR                | 1           |                     |
| 16         | 16223ZE3W00     | GASKET, INSULATOR                 | 1           |                     |
| 20         | 16610ZE1000     | LEVER, CHOKE (STD) .....          | 1 .....     | INCLUDES ITEM W/*   |
| 22\$       | 16953ZE1812     | LEVER, VALVE                      | 1           |                     |
| 23\$       | 16954ZE1812     | PLATE, LEVER SETTING              | 1           |                     |
| 24\$       | 16956ZE1811     | SPRING, VALVE LEVER               | 1           |                     |
| 25\$+      | 16957ZE1812     | GASKET, VALVE                     | 1           |                     |
| 26\$       | 16967ZE0811     | CUP, FUEL STRAINER                | 1           |                     |
| 28\$       | 93500030061H    | SCREW, PAN (3X6)                  | 2           |                     |
| 31*        | 9430520122      | PIN, SPRING (2X12)                | 1           |                     |
| 33\$       | 99101ZH80950    | JET, MAIN (#95) (OPTIONAL)        | 1           |                     |
| 33\$       | 99101ZH80980    | JET, MAIN (#98) (OPTIONAL)        | 1           |                     |
| 33\$       | 99101ZH81000    | JET, MAIN (#100)                  | 1           |                     |
| 34\$       | 99204ZA00450    | JET SET, PILOT (#45) .....        | 1 .....     | INCLUDES ITEM 34A   |
| 34A+       |                 | GASKET, JET SET PILOT (#45) ..... |             | NOT SOLD SEPARATELY |
| 35\$       | 16172ZE3W10     | COLLAR, SET                       | 1           |                     |

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CONTROL ASSY.

CONTROL ASSY.



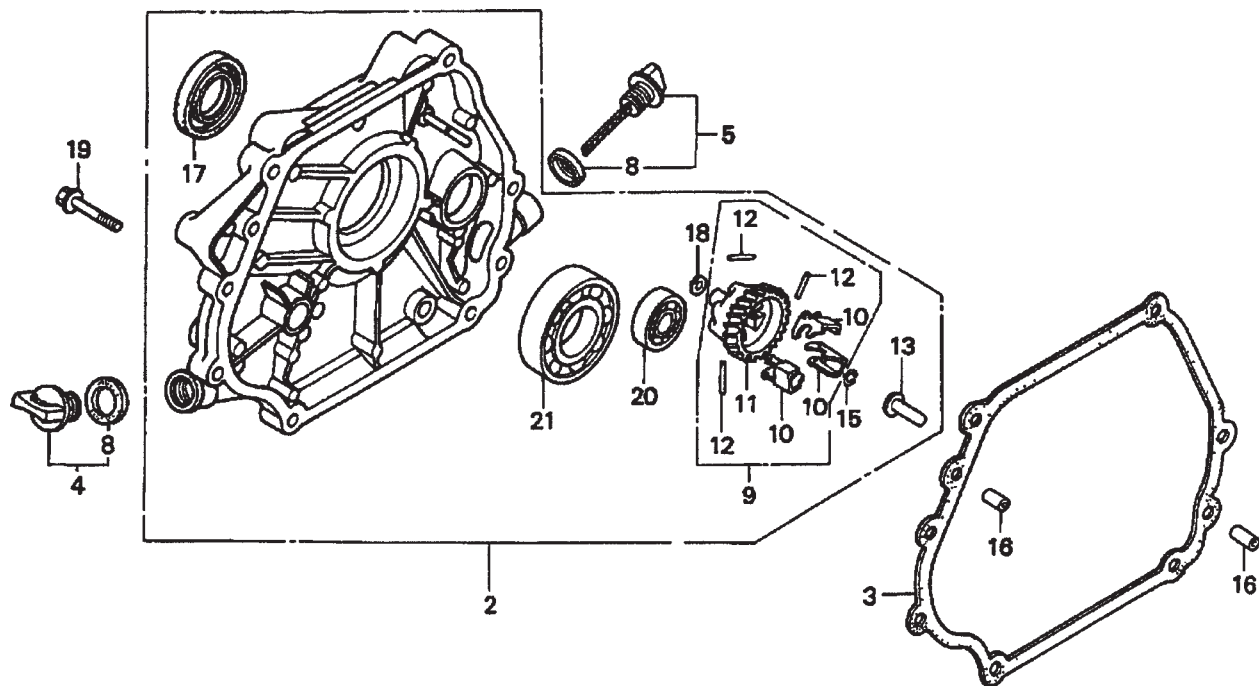
# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CONTROL ASSY.

## CONTROL ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|------------------------------|-------------|--------------------|
| 2          | 16551ZE3000     | ARM, GOVERNOR                | 1           |                    |
| 3          | 16555ZE3000     | ROD, GOVERNOR                | 1           |                    |
| 4          | 16561ZE3000     | SPRING, GOVERNOR             | 1           |                    |
| 5          | 16562ZE3000     | SPRING, THROTTLE RETURN      | 1           |                    |
| 6          | 16570ZE3W20     | CONTROL ASSY. (REMOTE) ..... | 1           | INCLUDES ITEMS W/* |
| 10*        | 16571ZE3W00     | LEVER, CONTROL               | 1           |                    |
| 11*        | 16574ZE1000     | SPRING, LEVER                | 1           |                    |
| 12*        | 16575ZE2W00     | WASHER, CONTROL LEVER        | 1           |                    |
| 13*        | 16576891000     | HOLDER, CABLE                | 1           |                    |
| 14*        | 16578ZE1000     | SPACER, CONTROL LEVER        | 1           |                    |
| 15*        | 16581ZE3W00     | BASE, CONTROL                | 1           |                    |
| 17*        | 16584883300     | SPRING, CONTROL ADJUSTING    | 1           |                    |
| 18*        | 16592883310     | SPRING, CABLE RETURN         | 1           |                    |
| 21         | 90013883000     | BOLT, FLANGE (6X12) (CT200)  | 2           |                    |
| 22         | 90015ZE5010     | BOLT, GOVERNOR ARM           | 1           |                    |
| 24*        | 90114SA0000     | NUT, SELF-LOCK (6MM)         | 1           |                    |
| 27*        | 93500050320A    | SCREW, PAN (5X32)            | 1           |                    |
| 28*        | 93500050160A    | SCREW, PAN (5X16)            | 1           |                    |
| 29         | 9405006000      | NUT, FLANGE (6MM)            | 1           |                    |

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CRANKCASE ASSY.

## CRANKCASE COVER ASSY.

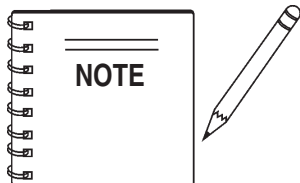




# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CRANKCASE ASSY.

## CRANKCASE COVER ASSY.

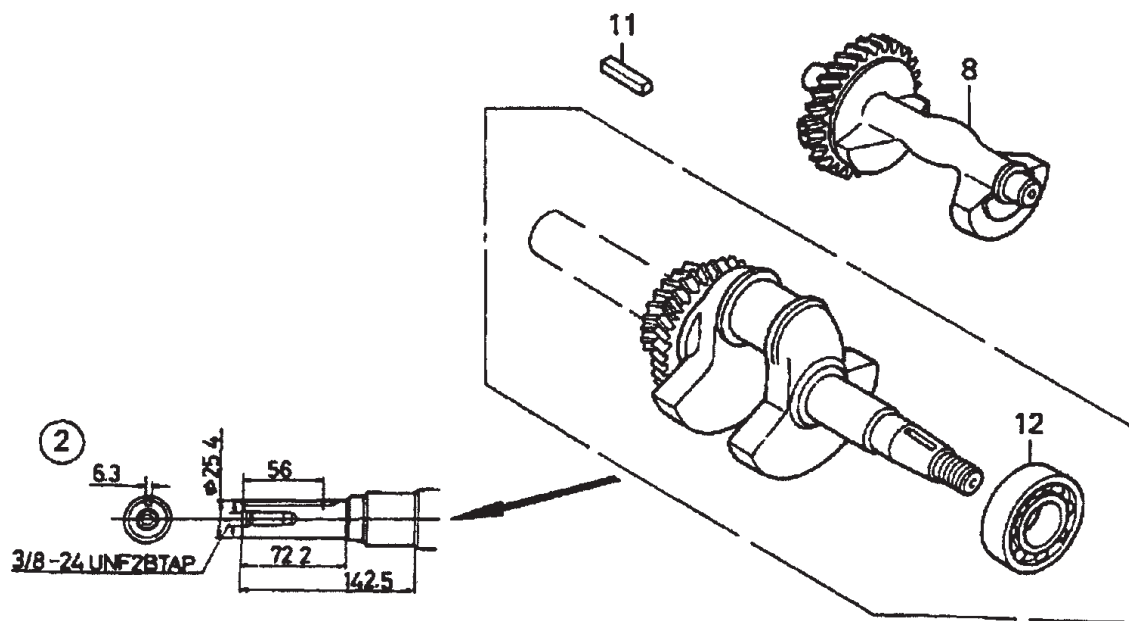
| NO.     | PART NO.     | PART NAME                    | QTY.    | REMARKS                                     |
|---------|--------------|------------------------------|---------|---|
| 2✖      | 11300ZE3602  | COVER ASSY., CRANKCASE ..... | 1 ..... | S/N 3287256 AND BELOW<br>INCLUDES ITEMS W/> |
| 2✖      | 11300ZE3604  | COVER ASSY., CRANKCASE ..... | 1 ..... | S/N 3287257 AND ABOVE<br>INCLUDES ITEMS W/% |
| 2◇      | 11300ZE3604  | COVER ASSY., CRANKCASE ..... | 1 ..... | INCLUDES ITEMS W/\$                         |
| 3       | 11381ZE3801  | GASKET, CASE COVER           | 1       |   |
| 4       | 15600ZG4003  | CAP ASSY., OIL FILLER .....  | 1 ..... | INCLUDES ITEM W/#                           |
| 5       | 15600735003  | CAP ASSY., OIL FILLER .....  | 1 ..... | INCLUDES ITEM W/*                           |
| 8#*     | 15625ZE1003  | GASKET, OIL FILLER CAP       | 2       |   |
| 9       | 16510ZE3000  | GOVERNOR ASSY.....           | 1 ..... | INCLUDES ITEMS W/+                          |
| 10>%\$+ | 16511ZE8000  | WEIGHT, GOVERNOR             | 3       |   |
| 11>%\$+ | 16512ZE3000  | HOLDER, GOVERNOR WEIGHT      | 1       |   |
| 12>%\$+ | 16513ZE2000  | PIN, GOVERNOR WEIGHT         | 3       |   |
| 13✖>%\$ | 16531ZE2000  | SLIDER, GOVERNOR .....       | 1 ..... | S/N 3287256 AND BELOW                       |
| 13✖>%\$ | 16531Z0A000  | SLIDER, GOVERNOR .....       | 1 ..... | S/N 3287257 AND ABOVE                       |
| 13◇>%\$ | 16531Z0A000  | SLIDER, GOVERNOR             | 1       |   |
| 15>%\$  | 90602ZE1000  | CLIP, GOVERNOR HOLDER        | 1       |   |
| 16      | 90701HC4000  | PIN, DOWEL (8X12)            | 2       |   |
| 17>%\$  | 91201ZE3004  | OIL SEAL (35X52X8)           | 1       |   |
| 18>%\$  | 9410106800   | WASHER, PLAIN (6MM)          | 1       |   |
| 19      | 957010804000 | BOLT, FLANGE (8X40)          | 7       |   |
| 20>%\$  | 961006202000 | BEARING, RADIAL BALL (6202)  | 1       |   |
| 21>%\$  | 961006207000 | BEARING, RADIAL BALL (6207)  | 1       |   |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CRANKSHAFT ASSY.

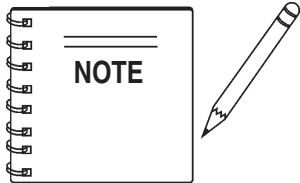
CRANKSHAFT ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CRANKSHAFT ASSY.

## CRANKSHAFT ASSY.

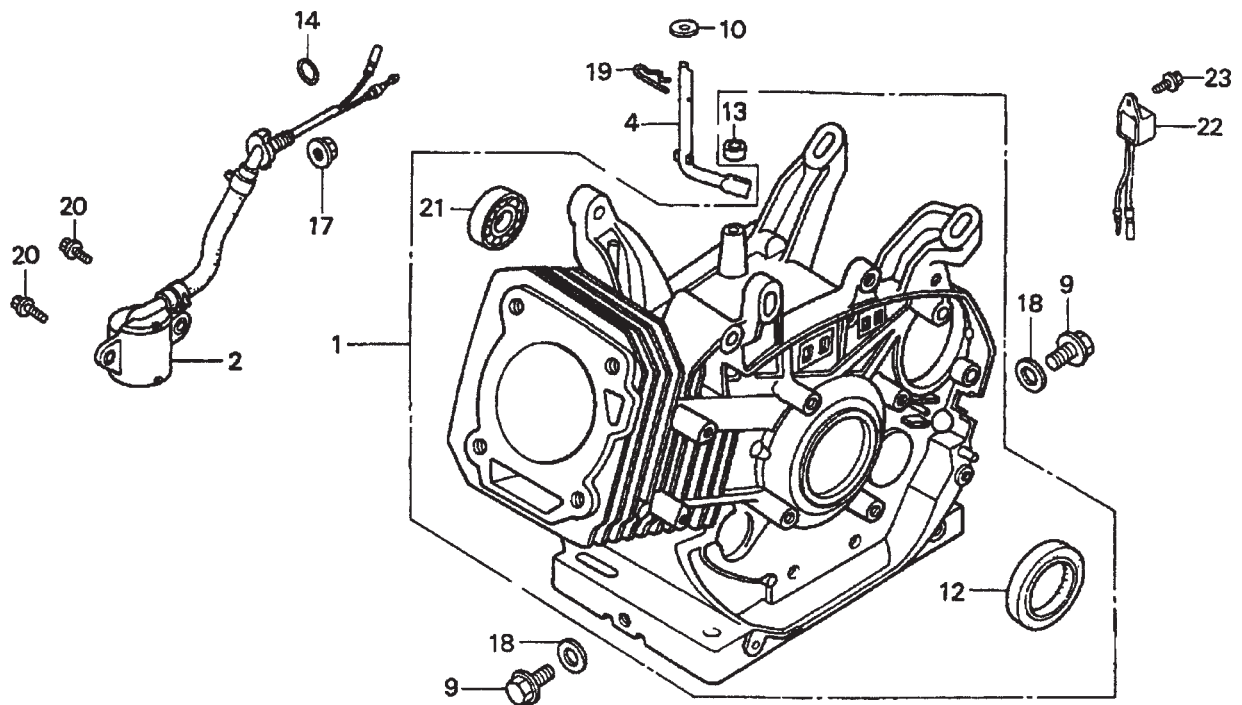
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                    | <u>QTY.</u> | <u>REMARKS</u>                             |
|------------|-----------------|-------------------------------------|-------------|--|
| 2✖         | 13310ZF6W10     | CRANKSHAFT .....                    | 1 .....     | INCLUDES ITEM W/*                          |
| 2◇         | 13310ZF6W11     | CRANKSHAFT .....                    | 1 .....     | INCLUDES ITEM W/#<br>S/N 1113739 AND BELOW |
| 2◇         | 13310ZF6W12     | CRANKSHAFT .....                    | 1 .....     | INCLUDES ITEM W/+<br>S/N 1113740 AND ABOVE |
| 8          | 13351ZE3010     | WEIGHT, BALANCER                    | 1           |  |
| 11         | 90745ZE2600     | KEY(6.3X6.3X43)                     | 1           |  |
| 12✖*       | 91001ZF6003     | BEARING, RADIAL BALL (6207S)        | 1           |  |
| 12◇#       | 91001ZF6003     | BEARING, RADIAL BALL (6207S) .....  | 1 .....     | S/N 1113739 AND BELOW                      |
| 12◇+       | 91001ZF6013     | BEARING, RADIAL BALL (6207SH) ..... | 1 .....     | S/N 1113740 AND ABOVE                      |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CYLINDER BARREL ASSY.

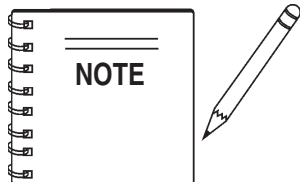
CYLINDER BARREL ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CYLINDER BARREL ASSY.

## CYLINDER BARREL ASSY.

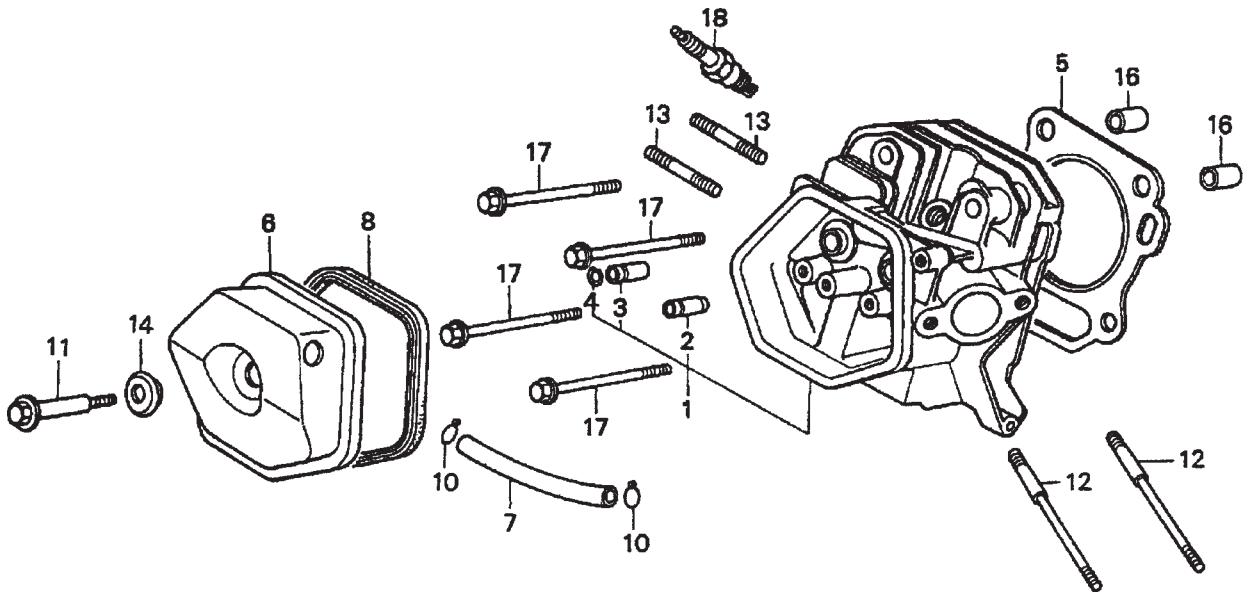
| <b>NO.</b> | <b>PART NO.</b> | <b>PART NAME</b>              | <b>QTY.</b> | <b>REMARKS</b>        |
|------------|-----------------|-------------------------------|-------------|-----------------------|
| 1✘         | 12000ZF6W13     | CYLINDER ASSY. (ALERT) .....  | 1 .....     | INCLUDES ITEMS W/%    |
| 1◇         | 12000ZF6417     | CYLINDER ASSY. ....           | 1 .....     | INCLUDES ITEMS W/#    |
| 2✘         | 15510ZE2043     | SWITCH ASSY., OIL LEVEL       | 1           |                       |
| 2◇         | 15510ZE2043     | SWITCH ASSY., OIL LEVEL ..... | 1 .....     | S/N 1412956 AND BELOW |
| 2◇         | 15510ZE2053     | SWITCH ASSY., OIL LEVEL ..... | 1 .....     | S/N 1412957 AND ABOVE |
| 4          | 16541ZE3010     | SHAFT, GOVERNOR ARM           | 1           |                       |
| 9          | 90131883000     | BOLT, DRAIN PLUG 12X15        | 2           |                       |
| 10         | 90446KE1000     | WASHER (8.2X17X0.8)           | 1           |                       |
| 12 %#      | 91201ZE3004     | OIL SEAL (35X52X8)            | 1           |                       |
| 13         | 91203952771     | OIL SEAL (8X14X5)             | 1           |                       |
| 14         | 91353671004     | O-RING (14MM) (NOK)           | 1           |                       |
| 17         | 9405010000      | NUT, FLANGE (10MM)            | 1           |                       |
| 18         | 9410912000      | WASHER, DRAIN PLUG (12MM)     | 2           |                       |
| 19         | 9425110000      | PIN, LOCK (10MM)              | 1           |                       |
| 20         | 957010601200    | BOLT, FLANGE (6X12)           | 2           |                       |
| 21 %#      | 961006202000    | BEARING, RADIAL BALL (6202)   | 1           |                       |
| 22✘        | 34150ZH7003     | ALERT UNIT, OIL               | 1           |                       |
| 22◇        | 34150ZH7003     | ALERT UNIT, OIL .....         | 1 .....     | S/N 1419413 AND BELOW |
| 22◇        | 34150ZH7013     | ALERT UNIT, OIL .....         | 1 .....     | S/N 1419414 AND ABOVE |
| 23         | 90013883000     | BOLT, FLANGE (6X12) (CT200)   | 1           |                       |



- ✘ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CYLINDER HEAD ASSY.

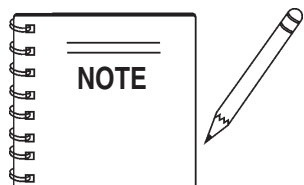
CYLINDER HEAD ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— CYLINDER HEAD ASSY.

## CYLINDER HEAD ASSY.

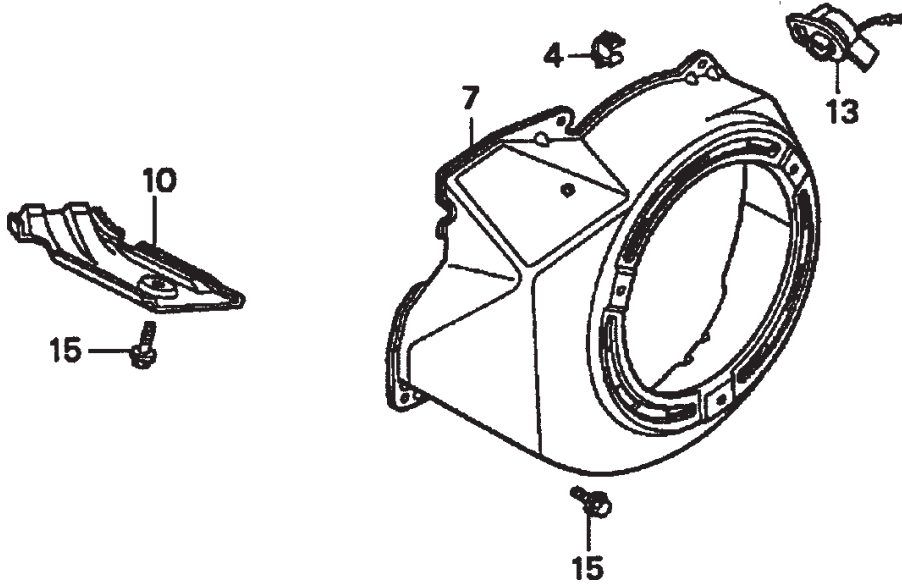
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|----------------------------------|-------------|-----------------------|
| 1✖         | 12200ZF6W01     | CYLINDER HEAD .....              | 1 .....     | INCLUDES ITEMS W/*    |
| 1◇         | 12200ZF6406     | CYLINDER HEAD .....              | 1 .....     | INCLUDES ITEMS W/%    |
| 2*%        | 12204ZE2306     | GUIDE, VALVE (OS) (OPTIONAL)     | 1           |                       |
| 3*%        | 12205ZE2305     | GUIDE, EX. VALVE (OS) (OPTIONAL) | 1           |                       |
| 4*%        | 12216ZE2300     | CLIP, VALVE GUIDE                | 1           |                       |
| 5          | 12251ZF6W00     | GASKET, CYLINDER HEAD            | 1           |                       |
| 6          | 12310ZE3791     | COVER, HEAD                      | 1           |                       |
| 7          | 12315ZE3840     | TUBE, BREATHER                   | 1           |                       |
| 8          | 12391ZE2020     | GASKET, CYLINDER HEAD COVER      | 1           |                       |
| 10         | 17316611000     | CLIP, BREATHER TUBE              | 2           |                       |
| 11         | 90014ZE2000     | BOLT, HEAD COVER                 | 1           |                       |
| 12         | 90042ZE8000     | BOLT, STUD (8X131.5)             | 2           |                       |
| 13         | 92900080320E    | BOLT 2, STUD (8X32)              | 2           |                       |
| 14         | 90441ZE2010     | WASHER, HEAD COVER               | 1           |                       |
| 16         | 9430112200      | PIN A, DOWEL (12X20)             | 2           |                       |
| 17✖        | 957251008000    | BOLT, FLANGE (10X80)             | 4           |                       |
| 17◇        | 957251008000    | BOLT, FLANGE (10X80) .....       | 4 .....     | S/N 1411816 AND BELOW |
| 17◇        | 957011008000    | BOLT, FLANGE (10X80) .....       | 4 .....     | S/N 1411817 AND ABOVE |
| 18         | 9807955846      | SPARK PLUG (BPR5ES) (NGK) (OPT.) | 1           |                       |
| 18         | 9807955855      | SPARK PLUG (W16EPR-U) (DENSO)    | 1           |                       |
| 18         | 9807956846      | SPARK PLUG (BPR6ES) (NGK)        | 1           |                       |
| 18         | 9807956855      | SPARK PLUG (W20EPR-U) (DENSO)    | 1           |                       |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FAN COVER ASSY.

FAN COVER ASSY.

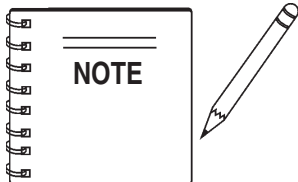




# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FAN COVER ASSY.

FAN COVER ASSY.

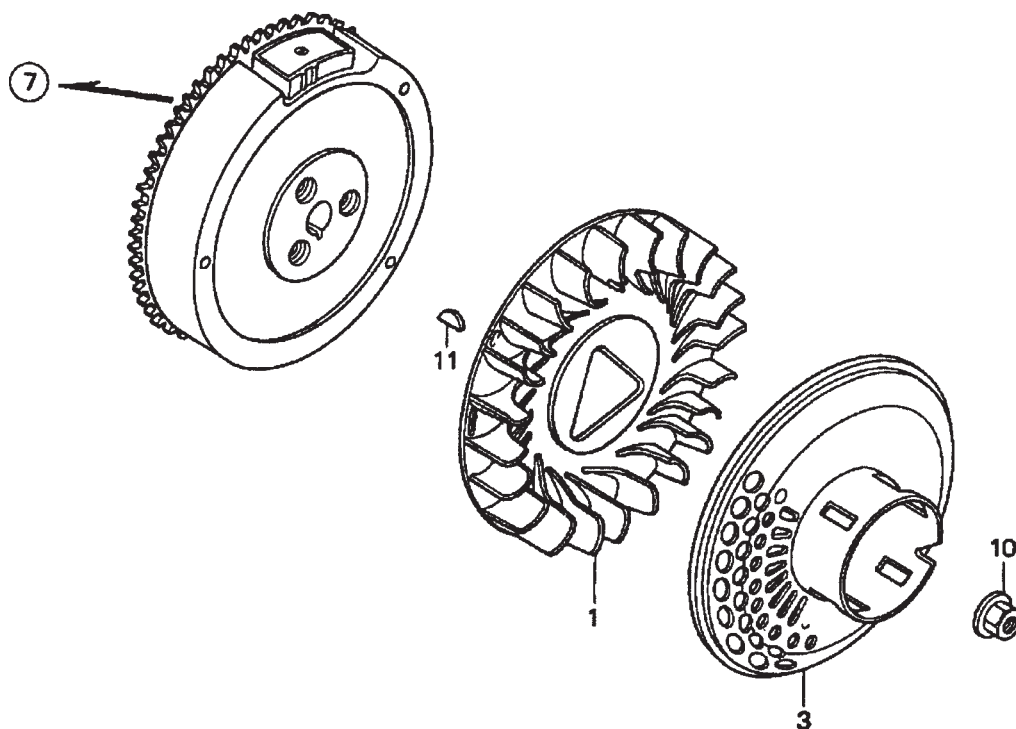
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|---------------------------------|-------------|-----------------------|
| 4          | 16731ZE2003     | CLIP, TUBE                      | 1           |                       |
| 7          | 19610ZE3010ZB   | COVER, FAN *NH1* (BLACK)        | 1           |                       |
| 10         | 19631ZE3W00     | SHROUD                          | 1           |                       |
| 13✘        | 36100ZH7003     | SWITCH ASSY., ENGINE STOP       | 1           |                       |
| 13◇        | 36100ZF6P81     | SWITCH ASSY., ENGINE STOP ..... | 1 .....     | S/N 1412956 AND BELOW |
| 13◇        | 36100ZF6P82     | SWITCH ASSY., ENGINE STOP ..... | 1 .....     | S/N 1412957 AND ABOVE |
| 15         | 90013883000     | BOLT, FLANGE (6X12) (CT200)     | 6           |                       |



- ✘ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FLYWHEEL ASSY.

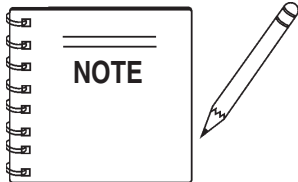
FLYWHEEL ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FLYWHEEL ASSY.

FLYWHEEL ASSY.

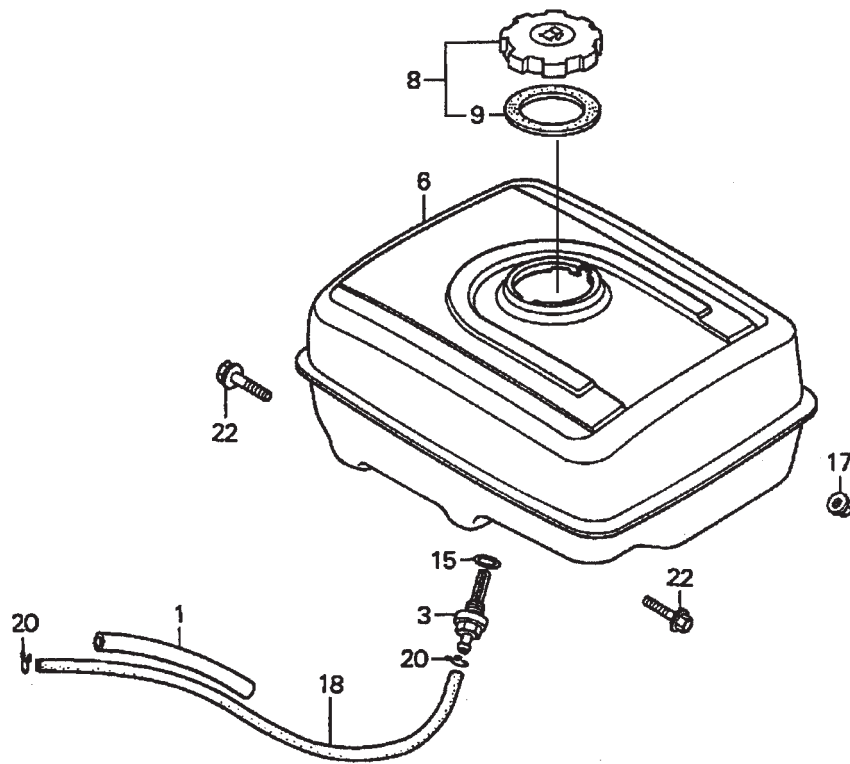
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|-------------------------------|-------------|-----------------------|
| 1          | 19511ZE3000     | FAN, COOLING                  | 1           |                       |
| 3          | 28450ZE3W11     | PULLEY, STARTER (SCREEN GRID) | 1           |                       |
| 7          | 31100ZE3701     | FLYWHEEL                      | 1           |                       |
| 10✕        | 90201ZE3V00     | NUT, SPECIAL (16MM) (1)       | 1           |                       |
| 10◇        | 90201ZE3V00     | NUT, SPECIAL (16MM) (1) ..... | 1           | S/N 1317976 AND BELOW |
| 10◇        | 90201ZE3790     | NUT, SPECIAL (16MM) (1) ..... | 1           | S/N 1317977 AND ABOVE |
| 11         | 90741ZE2000     | KEY, SPECIAL WOODRUFF (25X18) | 1           |                       |



- ✕ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FUEL TANK ASSY.

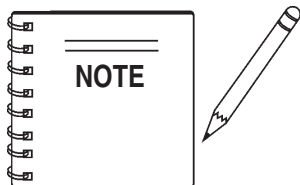
FUEL TANK ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— FUEL TANK ASSY.

## FUEL TANK ASSY.

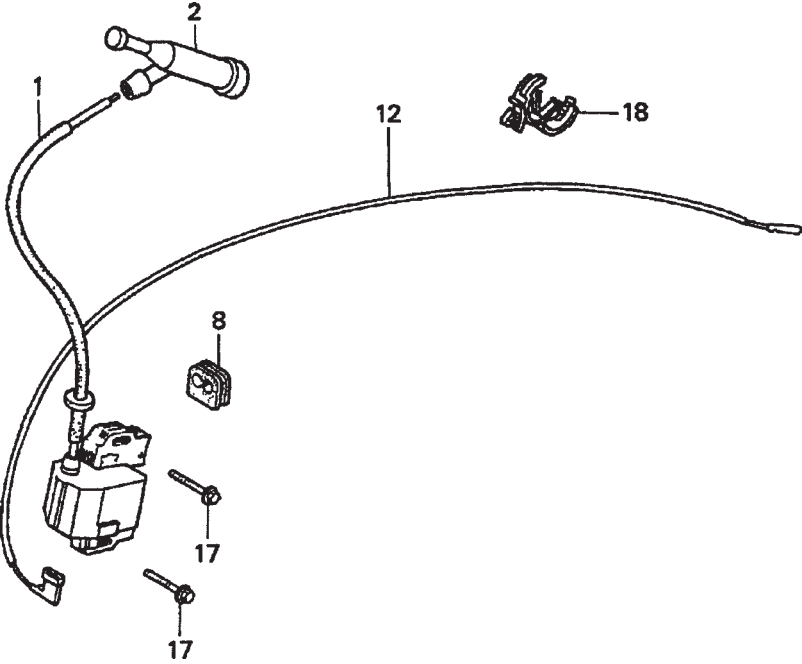
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                 | <u>QTY.</u> | <u>REMARKS</u>                                  |
|------------|-----------------|----------------------------------|-------------|---|
| 1          | 16854ZH8000     | RUBBER, SUPPORTER (107MM)        | 1           |   |
| 3          | 16955ZE1000     | JOINT, FUEL TANK                 | 1           |   |
| 6✖         | 17510ZE3010ZB   | TANK, FUEL *NH1*                 | 1           |   |
| 6◇         | 17510ZE3020ZB   | TANK, FUEL *NH1*                 | 1           | S/N 1213085 AND BELOW                           |
| 6◇         | 17510ZE3800ZA   | TANK, FUEL *NH1*                 | 1           | S/N 1213086 THRU 1383799                        |
| 6◇         | 17510ZE3801ZA   | TANK, FUEL *NH1*                 | 1           | S/N 1383800 AND ABOVE                           |
| 8✖         | 17620ZH7023     | CAP, FUEL FILLER (BLACK)         | 1           | INCLUDES ITEM W/*                               |
| 8◇         | 17620Z0T305     | CAP, FUEL FILLER (CHROME PLATED) | 1           | INCLUDES ITEM W/#                               |
| 9*         | 17631ZH7003     | GASKET, FUEL FILLER CAP          | 1           |   |
| 9#         | 17631Z0T812     | GASKET, FUEL FILLER CAP 39X62X3  | 1           |   |
| 15         | 91353671004     | O-RING (14MM) (NOK)              | 1           |   |
| 17         | 9405008000      | NUT, FLANGE (8MM)                | 2           |   |
| 18✖        | 950014523540    | BULK HOSE, FUEL (4.5X235)        | 1           | REPLACES 950014500160M                          |
| 18◇        | 950014523540    | BULK HOSE, FUEL (4.5X235)        | 1           | REPLACES 950014500160M<br>S/N 1105013 AND BELOW |
| 18◇        | 91424Z5L801     | BULK HOSE, FUEL (4.5X235) (FKM)  | 1           | S/N 1105014 AND ABOVE                           |
| 20✖        | 9500202080      | CLIP, TUBE (B8)                  | 2           |   |
| 20◇        | 9500202080      | CLIP, TUBE (B8)                  | 2           | S/N 1105013 AND BELOW                           |
| 20◇        | 950024080008    | CLAMP, TUBE (D8)                 | 2           | S/N 1105014 AND ABOVE                           |
| 22         | 957010802500    | BOLT, FLANGE (8X25)              | 2           |   |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— IGNITION COIL ASSY.

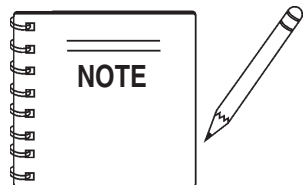
IGNITION COIL ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— IGNITION COIL ASSY.

## IGNITION COIL ASSY.

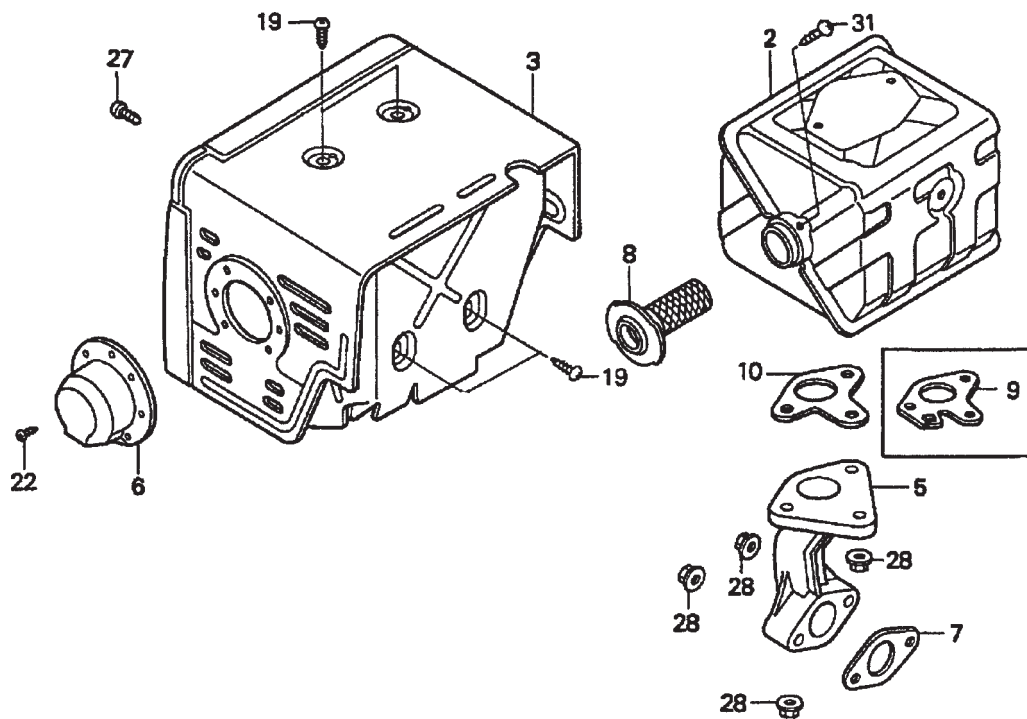
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|-----------------------------|-------------|-----------------------|
| 1✖         | 30500ZF6W02     | COIL ASSY., IGNITION        | 1           |                       |
| 1◇         | 30500ZF6W02     | COIL ASSY., IGNITION .....  | 1           | S/N 1411816 AND BELOW |
| 1◇         | 30500ZF6W03     | COIL ASSY., IGNITION .....  | 1           | S/N 1411817 AND ABOVE |
| 2          | 30700ZE1013     | CAP ASSY., NOISE SUPPRESSOR | 1           |                       |
| 8          | 31512ZE2000     | GROMMET, WIRE               | 1           |                       |
| 12         | 36101ZE2701     | WIRE, STOP SWITCH (430MM)   | 1           |                       |
| 17         | 90015883000     | BOLT, FLANGE (6X28)         | 2           |                       |
| 18         | 90684ZA0601     | CLIP, WIRE HARNESS          | 1           |                       |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— MUFFLER ASSY.

MUFFLER ASSY.

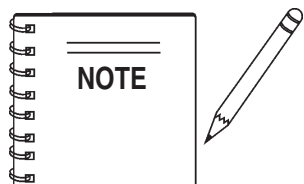




# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— MEFFLER ASSY.

## MUFFLER ASSY.

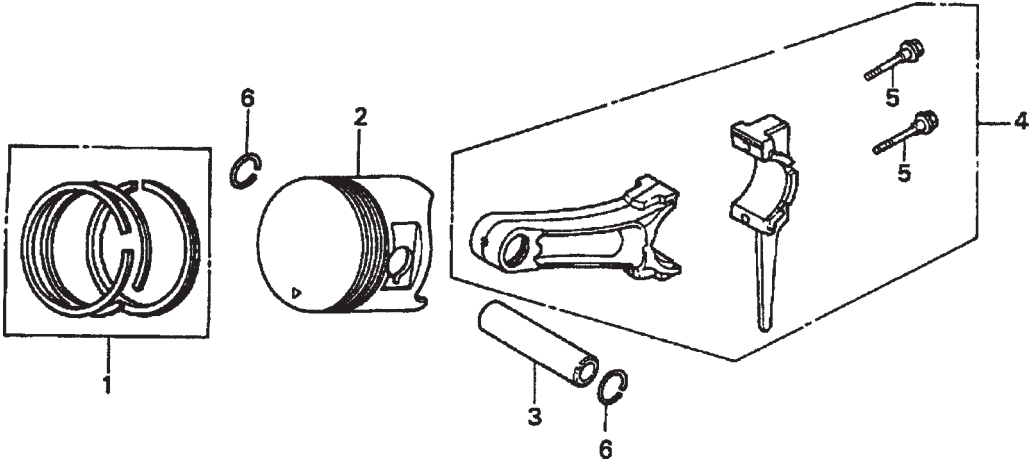
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>        |
|------------|-----------------|---------------------------------------|-------------|-----------------------|
| 2          | 18310ZE2W61     | MUFFLER                               | 1           |                       |
| 3          | 18320ZE2W61     | PROTECTOR, MUFFLER                    | 1           |                       |
| 5          | 18330ZE2W00     | PIPE, EX.                             | 1           |                       |
| 6✖         | 18331ZE3810     | CAP, MUFFLER                          | 1           |                       |
| 6◇         | 18331ZE3810     | CAP, MUFFLER .....                    | 1           | S/N 1166160 AND BELOW |
| 6◇         | 18331ZE3811     | CAP, MUFFLER .....                    | 1           | S/N 1166161 AND ABOVE |
| 7          | 18333ZF6W01     | GASKET, EX. PIPE                      | 1           |                       |
| 8          | 18355ZE2W00     | ARRESTER, SPARK (OPTIONAL)            | 1           |                       |
| 9          | 18381ZE2W10     | GASKET, MUFFLER (ARRESTER) (OPTIONAL) | 1           |                       |
| 10         | 18381ZE2800     | GASKET, MUFFLER                       | 1           |                       |
| 19         | 90050ZE1000     | SCREW, TAPPING (5X8)                  | 4           |                       |
| 22         | 90055ZE1000     | SCREW, TAPPING (4X6)                  | 3           |                       |
| 27         | 90006ZE2000     | SCREW, TAPPING (6X10)                 | 1           |                       |
| 28         | 9405008000      | NUT, FLANGE (8MM)                     | 5           |                       |
| 31         | 90055ZE1000     | SCREW, TAPPING (4X6)                  | 1           |                       |



- ✖ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— PISTON ASSY.

PISTON ASSY.



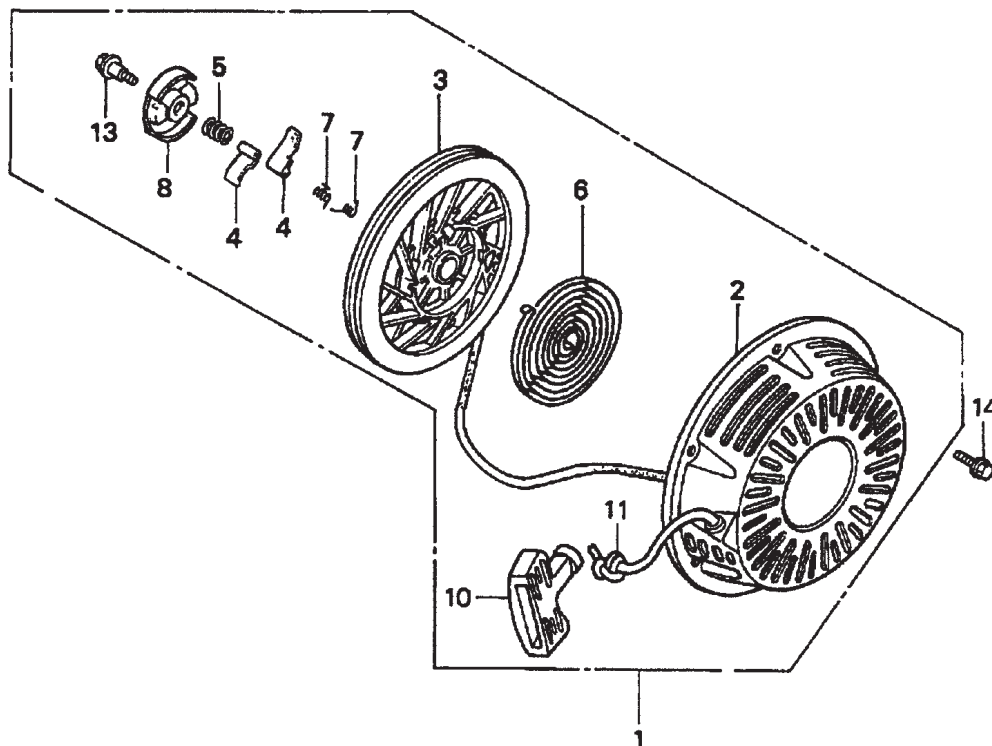
# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— PISTON ASSY.

## PISTON ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                       | <u>QTY.</u> | <u>REMARKS</u>    |
|------------|-----------------|--|-------------|-------------------|
| 1          | 13010ZF6005     | RING SET, PISTON (STD)                 | 1           |                   |
| 1          | 13011ZF6005     | RING SET, PISTON (0.25)                | 1           |                   |
| 1          | 13012ZF6005     | RING SET, PISTON (0.50)                | 1           |                   |
| 1          | 13013ZF6005     | RING SET, PISTON (0.75)                | 1           |                   |
| 2          | 13101ZF6W00     | PISTON (STD)                           | 1           |                   |
| 2          | 13102ZF6W00     | PISTON (0.25)                          | 1           |                   |
| 2          | 13103ZF6W00     | PISTON (0.50)                          | 1           |                   |
| 2          | 13104ZF6W00     | PISTON (0.75)                          | 1           |                   |
| 3          | 13111ZF6W00     | PIN, PISTON                            | 1           |                   |
| 4          | 13200ZE3020     | ROD ASSY., CONNECTING (STD) .....      | 1           | INCLUDES ITEM W/* |
| 4          | 13200ZE3315     | ROD ASSY., CONNECTING (0.25 UNDERSIZE) | 1           |                   |
| 5*         | 90001ZE8000     | BOLT, CONNECTING ROD                   | 2           |                   |
| 6          | 90601ZE3000     | CLIP, PISTON PIN (20MM)                | 2           |                   |

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— RECOIL STATER ASSY.

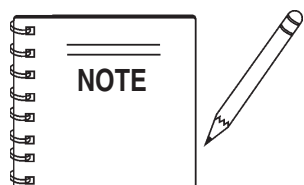
RECOIL STARTER ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— RECOIL STATER ASSY.

## RECOIL STARTER ASSY.

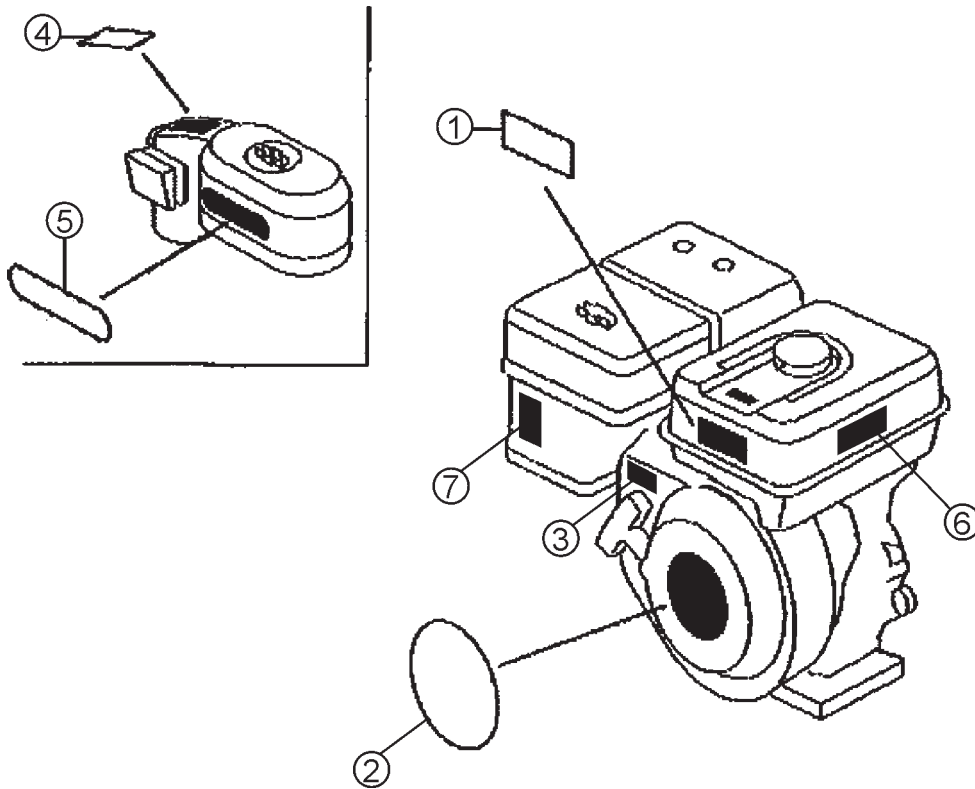
| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                          | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|---|-------------|--------------------|
| 1          | 28400ZE3W01ZB   | STARTER ASSY., RECOIL *NH1* (BLACK) ..... | 1           | INCLUDES ITEMS W/* |
| 2*         | 28410ZE3W01ZB   | CASE, RECOIL STARTER *NH1* (BLACK)        | 1           |                    |
| 3*         | 28421ZE3W01     | PULLEY, RECOIL STARTER                    | 1           |                    |
| 4*         | 28422ZE2W01     | RATCHET, STARTER                          | 2           |                    |
| 5*         | 28441ZE2W01     | SPRING, FRICTION                          | 1           |                    |
| 6*         | 28442ZE2W01     | SPRING, STARTER RETURN                    | 1           |                    |
| 7*         | 28443ZE2W01     | SPRING, RATCHET                           | 2           |                    |
| 8*         | 28444ZE2W01     | RETAINER, SPRING                          | 1           |                    |
| 10*        | 28461ZE2W02     | GRIP, STARTER                             | 1           |                    |
| 11**       | 28462ZV7003     | ROPE, RECOIL STARTER                      | 1           |                    |
| 11◇*       | 28462ZE3W01     | ROPE, RECOIL STARTER                      | 1           |                    |
| 13*        | 90004ZE2W01     | SCREW, CENTER                             | 1           |                    |
| 14         | 90008ZE2003     | BOLT, FLANGE (6X10)                       | 3           |                    |



- ✘ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— LABELS ASSY.

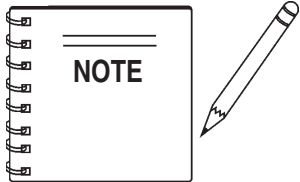
LABELS ASSY.



# HONDA GX390K1QWT2/GX390U1QWT2 ENG.— LABELS ASSY.

## RECOIL STARTER ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                          | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|---|-------------|--------------------|
| 1          | 28400ZE3W01ZB   | STARTER ASSY., RECOIL *NH1* (BLACK) ..... | 1           | INCLUDES ITEMS W/* |
| 2*         | 28410ZE3W01ZB   | CASE, RECOIL STARTER *NH1* (BLACK)        | 1           |                    |
| 3*         | 28421ZE3W01     | PULLEY, RECOIL STARTER                    | 1           |                    |
| 4*         | 28422ZE2W01     | RATCHET, STARTER                          | 2           |                    |
| 5*         | 28441ZE2W01     | SPRING, FRICTION                          | 1           |                    |
| 6*         | 28442ZE2W01     | SPRING, STARTER RETURN                    | 1           |                    |
| 7*         | 28443ZE2W01     | SPRING, RATCHET                           | 2           |                    |
| 8*         | 28444ZE2W01     | RETAINER, SPRING                          | 1           |                    |
| 10*        | 28461ZE2W02     | GRIP, STARTER                             | 1           |                    |
| 11✘*       | 28462ZV7003     | ROPE, RECOIL STARTER                      | 1           |                    |
| 11◇*       | 28462ZE3W01     | ROPE, RECOIL STARTER                      | 1           |                    |
| 13*        | 90004ZE2W01     | SCREW, CENTER                             | 1           |                    |
| 14         | 90008ZE2003     | BOLT, FLANGE (6X10)                       | 3           |                    |



- ✘ GX390K1QWT2: Model S/N DECEMBER 2005 AND BELOW
- ◇ GX390U1QWT2: Model S/N JANUARY 2006 AND ABOVE

# TERMS AND CONDITIONS OF SALE — PARTS

## PAYMENT TERMS

Terms of payment for parts are net 30 days.

## FREIGHT POLICY

All parts orders will be shipped collect or prepaid with the charges added to the invoice. All shipments are F.O.B. point of origin. Multiquip's responsibility ceases when a signed manifest has been obtained from the carrier, and any claim for shortage or damage must be settled between the consignee and the carrier.

## MINIMUM ORDER

The minimum charge for orders from Multiquip is \$15.00 net. Customers will be asked for instructions regarding handling of orders not meeting this requirement.

## RETURNED GOODS POLICY

Return shipments will be accepted and credit will be allowed, subject to the following provisions:

1. A Returned Material Authorization must be approved by Multiquip prior to shipment.
2. To obtain a Return Material Authorization, a list must be provided to Multiquip Parts Sales that defines item numbers, quantities, and descriptions of the items to be returned.
  - a. The parts numbers and descriptions must match the current parts price list.
  - b. The list must be typed or computer generated.
  - c. The list must state the reason(s) for the return.
  - d. The list must reference the sales order(s) or invoice(s) under which the items were originally purchased.
  - e. The list must include the name and phone number of the person requesting the RMA.
3. A copy of the Return Material Authorization must accompany the return shipment.
4. Freight is at the sender's expense. All parts must be returned freight prepaid to Multiquip's designated receiving point.

5. Parts must be in new and resalable condition, in the original Multiquip package (if any), and with Multiquip part numbers clearly marked.
6. The following items are not returnable:
  - a. Obsolete parts. (If an item is in the price book and shows as being replaced by another item, it is obsolete.)
  - b. Any parts with a limited shelf life (such as gaskets, seals, "O" rings, and other rubber parts) that were purchased more than six months prior to the return date.
  - c. Any line item with an extended dealer net price of less than \$5.00.
  - d. Special order items.
  - e. Electrical components.
  - f. Paint, chemicals, and lubricants.
  - g. Decals and paper products.
  - h. Items purchased in kits.
7. The sender will be notified of any material received that is not acceptable.
8. Such material will be held for five working days from notification, pending instructions. If a reply is not received within five days, the material will be returned to the sender at his expense.
9. Credit on returned parts will be issued at dealer net price at time of the original purchase, less a 15% restocking charge.
10. In cases where an item is accepted, for which the original purchase document can not be determined, the price will be based on the list price that was effective twelve months prior to the RMA date.
11. Credit issued will be applied to future purchases only.

## PRICING AND REBATES

Prices are subject to change without prior notice. Price changes are effective on a specific date and all orders received on or after that date will be billed at the revised price. Rebates for price declines and added charges for price increases will not be made for stock on hand at the time of any price change.

Multiquip reserves the right to quote and sell direct to Government agencies, and to Original Equipment Manufacturer accounts who use our products as integral parts of their own products.

## SPECIAL EXPEDITING SERVICE

A \$35.00 surcharge will be added to the invoice for special handling including bus shipments, insured parcel post or in cases where Multiquip must personally deliver the parts to the carrier.

## LIMITATIONS OF SELLER'S LIABILITY

Multiquip shall not be liable hereunder for damages in excess of the purchase price of the item with respect to which damages are claimed, and in no event shall Multiquip be liable for loss of profit or good will or for any other special, consequential or incidental damages.

## LIMITATION OF WARRANTIES

No warranties, express or implied, are made in connection with the sale of parts or trade accessories nor as to any engine not manufactured by Multiquip. Such warranties made in connection with the sale of new, complete units are made exclusively by a statement of warranty packaged with such units, and Multiquip neither assumes nor authorizes any person to assume for it any other obligation or liability whatever in connection with the sale of its products. Apart from such written statement of warranty, there are no warranties, express, implied or statutory, which extend beyond the description of the products on the face hereof.

Effective: February 22, 2006





# OPERATION AND PARTS MANUAL

## HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL  
NUMBER *ON-HAND* WHEN CALLING

### UNITED STATES

#### ***Multiquip Corporate Office***

18910 Wilmington Ave. Tel. (800) 421-1244  
Carson, CA 90746 Fax (800) 537-3927  
Contact: mq@multiquip.com

#### ***Mayco Parts***

800-306-2926 Fax: 800-672-7877  
310-537-3700 Fax: 310-637-3284

#### ***Service Department***

800-421-1244 Fax: 310-537-4259  
310-537-3700

#### ***MQ Parts Department***

800-427-1244 Fax: 800-672-7877  
310-537-3700 Fax: 310-637-3284

#### ***Warranty Department***

800-421-1244, Ext. 279 Fax: 310-537-1173  
310-537-3700, Ext. 279

#### ***Technical Assistance***

800-478-1244 Fax: 310-631-5032

### MEXICO

#### ***MQ Cipsa***

Carr. Fed. Mexico-Puebla KM 126.5 Tel: (52) 222-225-9900  
Momoxpan, Cholula, Puebla 72760 Mexico Fax: (52) 222-285-0420  
Contact: pmastretta@cipsa.com.mx

### CANADA

#### ***Multiquip***

4110 Industriel Boul. Tel: (450) 625-2244  
Laval, Quebec, Canada H7L 6V3 Fax: (450) 625-8664  
Contact: jmartin@multiquip.com

### UNITED KINGDOM

#### ***Multiquip (UK) Limited Head Office***

Hanover Mill, Fitzroy Street, Tel: 0161 339 2223  
Ashton-under-Lyne, Fax: 0161 339 3226  
Lancashire OL7 0TL  
Contact: sales@multiquip.co.uk

### BRAZIL

#### ***Multiquip***

Av. Evandro Lins e Silva, 840 - grupo 505 Tel: 011-55-21-3433-9055  
Barra de Tijuca - Rio de Janeiro Fax: 011-55-21-3433-9055  
Contact: cnavarro@multiquip.com.br, srentes@multiquip.com.br

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This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

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