Plate Compactor

Item # 56035
Owner's Manual
Manual del Propietario





Questions? Problems?
Please call our customer help line:

(888) 315-3080 M-F 8-5 CST

FEATURES

- Heavy Duty 24"x18" Compacting Plate
- Swing-over Handle Allows Instant Operation on Both Sides
- 5400 Vibrations per Minute
- 4496 lbs Compaction Force
- Heavy Duty Frame Features a Central Lifting Point for Easy Loading/Unloading
- Powerful 212 cc 4 Stroke Engine
- Low Oil Automatic Shutoff
- 1 Gallon Fuel Tank Capacity
- Engine Meets EPA Emission Standards

PLATE COMPACTOR IDENTIFICATION

For information and questions, please contact the Customer Service Help Line by calling **(888) 315-3080**. Certain information will be requested by the Customer Service Representative and to facilitate that, please fill in the information below.

Refer to the illustration below for the location of Serial Number. Record plate compactor information in the spaces provided below.

DATE OF PURCHASE: _____

PURCHASED FROM: _____

MODEL NUMBER: _____

ENGINE SERIAL NUMBER: _____



SERVICE RECORD

Record Service Dates:

	Date	Date	Date	Date	Date	Date
Oil Change						
Change spark plug						
Clean Fuel Tank						
Clean Air Cleaner						

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INTRODUCTION

Thank You for Purchasing a Construct Zone™ Product.

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This manual provides information regarding the safe operation and maintenance of this product. Every effort has been made to ensure the accuracy of the information in this manual. Construction Zone ™ reserves the right to change this product and specifications at any time without prior notice.

Please keep this manual available to all users during the entire life of the plate compactor.

Special Messages

This manual contains special messages to bring attention to potential safety concerns, plate compactor damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



Questions? Problems?

In order to answer questions and solve problems in the most efficient and speedy manner, contact Customer Service at:

(888) 315-3080 M-F 8-5 CST

NOTICE REGARDING EMISSIONS

Engines that are certified to comply with U.S. EPA emission regulations for SORE (Small Off Road Equipment), are certified to operate on regular unleaded gasoline, and may include the following emission control systems: (EM) Engine Modifications and (TWC) Three-Way Catalyst (if so equipped).

SAFETY INFORMATION

Before operating this plate compactor read and observe all warnings, cautions, and instructions on this sheet, on the plate compactor, and in the Owner's Manual.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. Read the entire Owner's Manual for safety and operating instructions. Failure to follow instructions and safety information could result in serious injury or death.

This safety alert symbol is used to identify safety information about hazards that can result in personal injury.



A signal word (**DANGER**, **WARNING**, or **CAUTION**) is used with the alert symbol to indicate the likelihood and the potential severity of injury. In addition, a hazard symbol may be used to represent the type of hazard.



DANGER indicates a hazard, which, if not avoided, **will result in death or serious injury.**



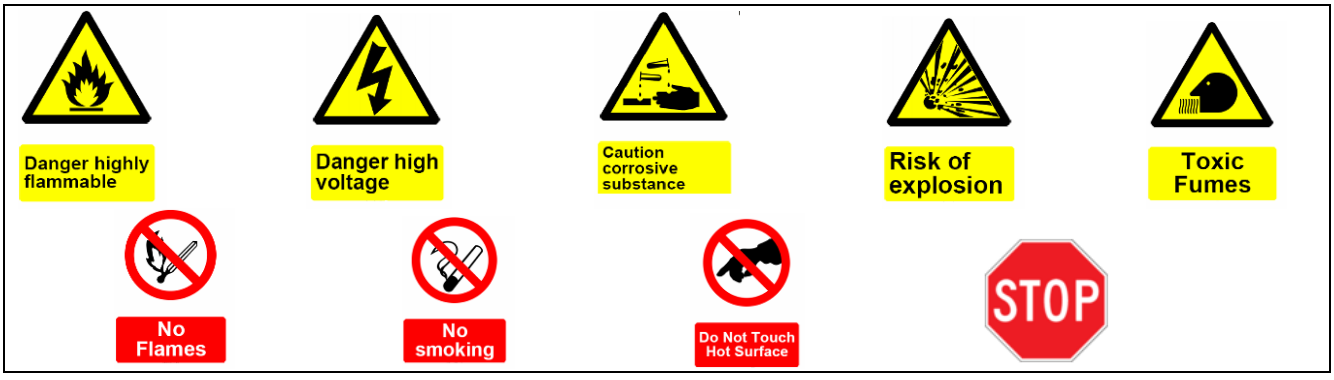
WARNING indicates a hazard, which, if not avoided, **could result in death or serious injury.**



CAUTION indicates a hazard, which, if not avoided, **might result in minor or moderate injury.**

CAUTION, when used **without** the alert symbol, indicates a situation that **could result in damage to the engine or plate compactor.**

SAFETY SYMBOLS AND MEANINGS



GENERAL SAFETY PROCEDURES



For any questions regarding the hazard and safety notices listed in this manual or on the product, please call (888) 315-3080 M-F 8-5 CST before using the plate compactor.



DANGER: CARBON MONOXIDE. Using an plate compactor indoors CAN KILL YOU IN MINUTES.

Plate compactor exhaust contains carbon monoxide (CO). This is a poison gas you cannot see or smell. If you can smell the plate compactor exhaust, you are breathing CO. But even if you cannot smell the exhaust, you could be breathing CO.

- **NEVER use an plate compactor inside homes, garages, crawlspaces, or other partly enclosed areas. Deadly levels of carbon monoxide can build up in these areas. Using a fan or opening windows and doors does NOT supply enough fresh air.**
- **ONLY use a plate compactor outside and far away from windows, doors, and vents. These openings can pull in plate compactor exhaust.**

Even if you use a plate compactor correctly, CO may leak into the home. ALWAYS use a battery-powered or battery-backup CO alarm in the home.
If you start to feel sick, dizzy, or weak after the plate compactor has been running, move to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.



WARNING: The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.



WARNING: This plate compactor may emit highly flammable and explosive gasoline vapors, which can cause severe burns or even death, if ignited. A nearby open flame can lead to explosion even if not directly in contact with gasoline.

- **Do not operate near open flame.**
- **Do not smoke near plate compactor.**
- **Always operate on a firm, level surface.**
- **Always turn engine off before refueling. Allow engine to cool for at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.**
- **Do not overfill fuel tank. Gasoline may expand during operation. Do not fill to the top of the tank. Allow for expansion.**
- **Always check for spilled fuel before operating.**
- **Empty fuel tank before storing or transporting the plate compactor.**
- **Before transporting, turn fuel valve to off and disconnect spark plug wire.**
- **Do not allow children or non-qualified persons to operate.**



WARNING: This plate compactor produces heat when running. Temperatures near exhaust can exceed 150 ºF (65 ºC).

- **Do not touch hot surfaces. Pay attention to warning labels on the plate compactor identifying hot parts of the machine.**
- **Allow engine to cool down after use before touching engine or areas of the engine that become hot during use.**

CAUTION: Misuse of this plate compactor can damage it or shorten its life.

- Use plate compactor only for its intended purposes.
- Allow plate compactor to run for several minutes before engaging the compactor.
- Turn engine switch to "off" position when the engine is not running.

Do not operate the Plate Compactor in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which can ignite flammable materials.

Keep bystanders and children at least six feet away while operating the Plate Compactor. Distractions can cause you to lose control. Protect others in the work area from debris such as chips and sparks. Provide barriers and shields as needed. Never allow children operate or play on or near the Plate Compactor.

The Plate Compactor should only be used in outdoor areas. Carbon monoxide fumes (from the gasoline engine) are a colorless, odorless gas that, if inhaled, can cause serious illness or death. If the Plate Compactor is used in enclosed spaces, the area must be well-ventilated and Engine exhaust fumes must be piped out of the enclosed space using leak-free, heat-resistant piping. The pipes should not use any flammable materials, nor should they be installed near the same. Engine exhaust fumes must be within legal limits.

Before performing compacting work near buildings or above pipelines, check the effect of the vibrations on the buildings and pipelines. If necessary, immediately stop the compacting work.

IMPORTANT SAFETY INSTRUCTIONS

- **SAVE THESE INSTRUCTIONS** – This manual contains important instructions for plate compactor product that should be followed during installation and maintenance of the plate compactor.
- Plate compactors vibrate in normal use. Have damaged items repaired or replaced as necessary.

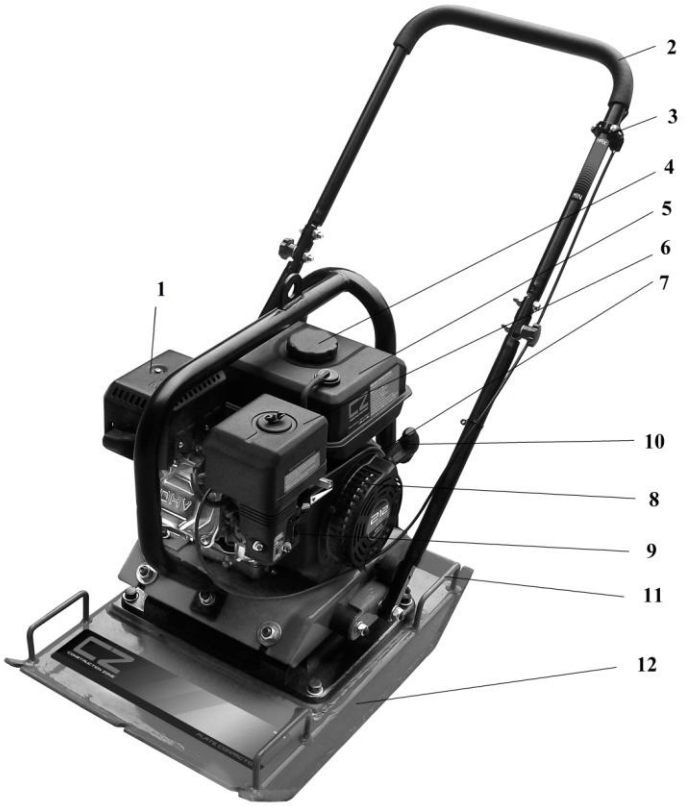
In addition to the previous safety notices, please become familiar with the safety and hazard markings on the plate compactor.

PLATE COMPACTOR COMPONENTS

When unpacking, check to make sure all the parts shown on the parts list is included.

If there are any damaged or missing parts, please call (888) 315-3080 M-F 8-5 CST for customer service

Please familiarize yourself with the locations and functions of the various components and controls of your plate compactor.



1- **Muffler**
2- **Handle**
3- **Handle Lever**
4- **Gas Tank Cap**
5- **Gas Tank**
6- **Air Cleaner**
7- **Engine Switch**
8- **Choke Lever**
9- **Fuel Valve**
10- **Recoil Starter handle**
11- **Lifting Handle**
12- **Base**

ASSEMBLY

In order to best protect the plate compactor while in the package, this product comes with some components disassembled. Please complete the following assembly step before proceeding to use the plate compactor.

If after reading this section, you are unsure about how to perform any of the steps, please call (888) 315-3080 M-F 8-5 CST for customer service.

WARNING: This plate compactor is heavy. Some procedures may require lifting equipment or two people.

Handle Assembly

The Plate Compactor is shipped with the lower handle already assembled and attached to the plate.

To complete the handle assembly, loosen the knobs in the middle of the handle and swing the upper handle into place.

Next, insert the bolt, washer and nut into the hole directly above the plastic knob as shown in the illustration. Tighten the nut and the plastic knob.

Repeat the process on the other side of the handle.

PLATE COMPACTOR PREPARATION

Using the plate compactor for the First Time

The following section describes steps necessary to prepare the plate compactor for use. If after reading this section, you are unsure about how to perform any of the steps please call (888) 315-3080 M-F 8-5 CST for customer service. Failure to perform these steps properly can damage the plate compactor or shorten its life.

Step 1 - Fill Oil

The plate compactor is shipped without oil. User must add the proper amount of oil before operating the plate compactor for the first time. The oil capacity of the engine crankcase is 20 fluid oz.

Select good quality detergent oil bearing the American Petroleum Institute (API) service classifications SJ, SL, or SM. (Synthetic oils may be used.) Use the SAE viscosity grade of oil from the following chart that matches the starting temperature anticipated before the next oil changes.

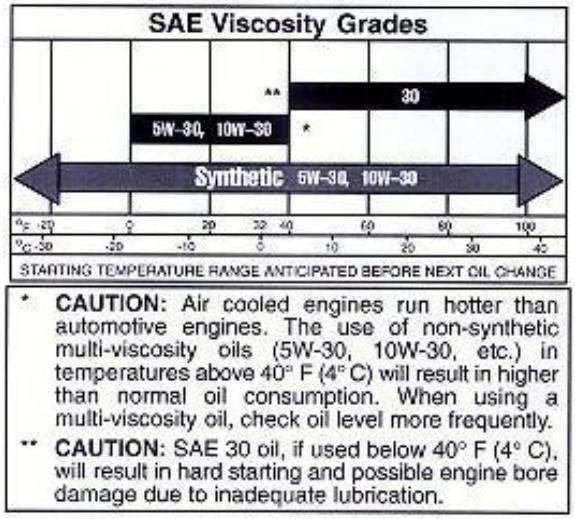


Figure 2- Engine oil recommendations

To fill oil to the crankcase, follow these steps:

1. Make sure the plate compactor is on a level surface. **Tilting the plate compactor to assist in filling will cause oil to flow into engine areas and will cause damage. Keep plate compactor level!**
2. Remove the oil filler/dipstick cap from the engine as shown in figure 3.
3. Using a funnel, add the appropriate type and amount of oil into the crankcase. The crankcase is full when the oil level has reached the second thread from the lip of the opening (see figure 4).
4. Check for oil leaks. Reinstall oil filler cap before starting engine.

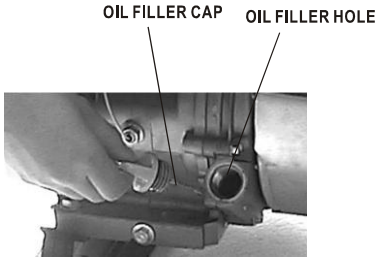


Figure 3- Unscrewing the oil cap

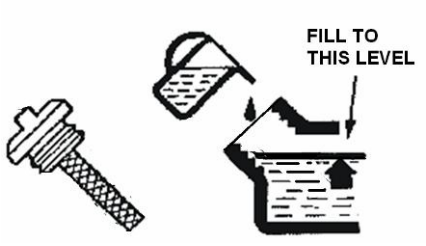


Figure 4- filling oil

Step 2- Add Gasoline



WARNING: This plate compactor may emit highly flammable and explosive gasoline vapors, which can cause severe burns or even death if ignited. A nearby open flame can lead to explosion even if not directly in contact with gasoline.

- **Do not operate near open flame.**
- **Do not smoke near plate compactor.**
- **Always operate on a firm, level surface.**
- **Always turn plate compactor off before refueling. Allow plate compactor to cool for at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.**
- **Do not overfill fuel tank. Gasoline may expand during operation. Do not fill to the top of the tank. Allow for expansion.**
- **Always check for spilled fuel before operating. Clean up any spilled fuel before starting.**
- **Empty fuel tank before storing or transporting the plate compactor.**
- **Before transporting, turn fuel valve to off position and disconnect spark plug wire.**

Use fresh (within 30 days from purchase), unleaded gasoline with a minimum 87 octane rating. Do not use gasoline which contains Methanol. Do not mix oil with gasoline.

To add gasoline, follow these steps:

1. Make sure the plate compactor is on a level surface.
2. Unscrew fuel tank cap and set aside (NOTE: the fuel cap may be tight and hard to unscrew).
3. Slowly add unleaded gasoline to the fuel tank. Be careful not to overfill. Please refer to the chart in figure 4 for the fuel capacity. The fuel gauge on the top of the plate compactor indicates how much gasoline is in the plate compactor fuel tank. NOTE: **Do not fill the fuel tank to the very top**. Gasoline will expand and spill over during use even with the fuel cap in place.
4. Reinstall fuel cap and wipe off any spilled gasoline with a dry cloth.

IMPORTANT:

- Never use an oil/gasoline mixture.
- Never use old gasoline.

- Avoid letting dirt or water into the fuel tank.
- Gasoline can age in the tank and make it hard to start up the plate compactor in the future. Never store plate compactor for extended periods of time with fuel in the tank.

Model number	56035
Fuel tank capacity	1 Gallon

Figure 5- Fuel Tank Capacity

NOTE: After completing the 2-step Plate compactor Preparation, the plate compactor is ready to be started.

STARTING THE PLATE COMPACTOR

Before starting the plate compactor, make sure you have read and performed the steps in the "Plate compactor Preparation" section of this manual. If you are unsure about how to perform any of the steps in this manual please call (888) 315-3080 M-F 8-5 CST for customer service.



DANGER: CARBON MONOXIDE. Using a plate compactor indoors CAN KILL YOU IN MINUTES.

Plate compactor exhaust contains carbon monoxide (CO). This is a poison gas you cannot see or smell. If you can smell the plate compactor exhaust, you are breathing CO. But even if you cannot smell the exhaust, you could be breathing CO.

- **NEVER use a plate compactor inside homes, garages, crawlspaces, or other partly enclosed areas. Deadly levels of carbon monoxide can build up in these areas. Using a fan or opening windows and doors does NOT supply enough fresh air.**
- **ONLY use a plate compactor outside and far away from windows, doors, and vents. These openings can pull in plate compactor exhaust.**

Even if you use a plate compactor correctly, CO may leak into the home. ALWAYS use a battery-powered or battery-backup CO alarm in the home.

If you start to feel sick, dizzy, or weak after the plate compactor has been running, move to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.

To start your plate compactor, perform the following steps:

1. Check the oil and fuel levels.
2. Turn the fuel valve to the "on" position.
3. Move the choke lever to the "start" position.
4. Set the engine switch to the "on" position.
5. Move handle lever to MIN position.
6. Pull on the recoil starter handle slowly until a slight resistance is felt. Then pull quickly to start the engine. Return cord gently into the machine. Never allow the cord to snap back.
7. If engine fails to start, repeat step 7. NOTE: After repeated failed attempts to start the engine, please consult the troubleshooting guide before attempting again. If problems persist please call **(888) 315-3080 M-F 8-5 CST**.
8. Once the engine has started, **slowly** return the choke lever all the way to the "open" position.
9. Allow the plate compactor to run for several minutes before engaging the compactor.
10. Move handle lever to MAX position to engage the plate.

SUBSEQUENT STARTING OF THE PLATE COMPACTOR

If this is not the first time using the plate compactor, user should take the following steps to prepare it for operation.

IMPORTANT: At this point the user should be familiar with the procedures described in the section titled "Using the Plate compactor for the First Time." If the user has not yet read this section, go back and read it now.

Step 1- Check the Oil

Oil consumption is normal during plate compactor usage. The plate compactor is equipped with a low-oil shutoff to protect it from damage. The oil level in the engine should be checked before each use to ensure that the engine crankcase contains sufficient lubricant.

To check or add oil, follow these steps:

1. Make sure the plate compactor is on a level surface. Clean around oil fill.
2. Remove the oil filler/dipstick cap and check oil level.
3. If oil level is below the second thread from the lip of the oil fill opening, slowly add oil until the engine crankcase is filled.
4. Reinstall and tighten oil filler cap before starting the engine. .

Step 2 – Check the Fuel Level

Before starting the plate compactor, check to see that there is sufficient gasoline in the fuel tank. The fuel gauge on top of the plate compactor will indicate the fuel level in the tank. Add gasoline if necessary but leave sufficient room in tank for expansion.



WARNING: This plate compactor may emit highly flammable and explosive gasoline vapors, which can cause severe burns or even death if ignited. A nearby open flame can lead to explosion even if not directly in contact with fuel.

- **Do not operate near open flame.**
- **Do not smoke near plate compactor.**
- **Always operate on a firm, level surface.**
- **Always turn engine off before refueling. Allow engine to cool for at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.**
- **Do not overfill fuel tank. Gasoline may expand during operation. Do not fill to the top of the tank. Allow for expansion.**
- **Always check for spilled fuel before operating. Clean up any spilled fuel before starting.**
- **Empty fuel tank before storing or transporting the plate compactor.**
- **Before transporting, turn fuel valve to off and disconnect spark plug wire.**

IMPORTANT:

- Use only UNLEADED gasoline with an octane rating of 87 or higher.
- Do not use old gasoline.
- Never use an oil/gasoline mixture.
- Avoid letting dirt or water into the fuel tank.

USING THE PLATE COMPACTOR

This plate compactor is designed for compacting loose, granular soils, gravel, and paving stones. It is intended to be used in confined areas and areas next to structures such as walls, curbs, and foundations.

This plate compactor is not recommended for compacting cohesive soils with heavy clay content.

Run the engine at full throttle and allow the plate to pull itself along at its normal speed.
When operating on an incline it may be necessary to assist the plate by pushing it forward slightly.
When operating downhill hold the plate back slightly, if it begins to pick up speed.
Depending on the material being compacted, three or four passes are recommended to achieve the best compaction.

While a certain amount of moisture in the soil is necessary, excessive moisture may cause soil particles to stick together and prevent good compaction. If soil is extremely wet, allow it to dry somewhat before compacting.

If soil is so dry as to create dust clouds while operating plate, some moisture should be added to the ground material to improve compaction. This will also reduce service to the air filter.
For compacting asphalt, use a water tank to wet the asphalt and the underside of plate.
This will prevent asphalt material from sticking. Two passes are usually sufficient to ensure good compaction.
When using the plate on paving stones, attach a pad to the bottom of the plate to prevent chipping or grinding surface of stones. A special polyurethane pad (Item # 56035-047) designed for this purpose is available as an optional accessory.

WARNING: DO NOT operate the plate on concrete or on extremely hard, dry, compacted surfaces. The plate will jump rather than vibrate and could damage both the plate and the engine.

Grip the handle firmly with both hands. To avoid injury, keep hands, fingers, and feet away from the compactor base. Grip the handle of the compactor firmly with both hands. If both hands are holding the handle and your feet are clear of the compactor base, your hands, fingers, and feet cannot be injured by the plate.

Adjust the handle lever between its “MIN” to “MAX” position, depending on the desired vibration speed.

Slowly guide the plate compactor in the desired direction.

Always keep a safe distance away from the edge of ditches and avoid any actions that may cause the plate compactor to topple over.

Always ascend slopes carefully in a direct path and back up slopes to prevent the plate compactor from toppling back onto the operator.

STOPPING THE PLATE COMPACTOR

To stop the plate compactor:

1. Move handle lever to MIN position to disengage the compactor.
2. Turn the engine switch to the “OFF” position.
3. Turn the fuel valve to the “OFF” position.



WARNING: Allow the engine to cool for several minutes before touching areas that become hot during use.

CAUTION: Allowing gasoline to sit in the plate compactor tank for long periods of time without use can make it difficult to start the engine in the future. Never store plate compactor for extended periods of time with fuel in the tank.

Note: Always park the plate compactor on a firm and level surface.

MAINTENANCE / CARE

Proper routine maintenance of your plate compactor will help prolong the life of your machine. Please perform maintenance checks and operations according the schedule in figure 6.



If you have questions about any of the maintenance procedures listed in this manual, please call **(888) 315-3080** M-F 8-5 CST.

CAUTION: Never perform maintenance operations while the engine is running.

Recommended Maintenance Schedule

		each use	first month then every 20 hrs	every 3 months or 50 hrs	every 6 months or 100 hrs	every year or 300 hrs
Engine oil	check level	x				
	replace		x	x		
Air cleaner	check	x				
	clean			x		
spark plug	check/ clean				x	
fuel tank	check fuel level	x				
	clean					x

Figure 6- Recommended maintenance schedule

Cleaning the Plate compactor

Never clean the plate compactor when it is running!
If the plate compactor becomes dirty, clean the exterior with a damp cloth, a soft brush, vacuum or pressurized air.

Checking the Oil

Check the oil level of the engine according to the Recommended Maintenance Schedule in Figure 6. The engine is equipped with an automatic shutoff to protect it from running with low oil pressure. The engine should be checked before each use for proper oil level. This is a critical step for proper engine starting.

To check or add oil, follow these steps: (Figure 7)

1. Make sure the plate compactor is on a level surface. Clean around oil fill.
2. Remove the oil filler/dipstick cap and check oil level.
3. If oil level is below the second thread from the lip of the oil fill opening, slowly add oil until the engine crankcase is filled.
4. Reinstall and tighten oil filler cap before starting the engine. .

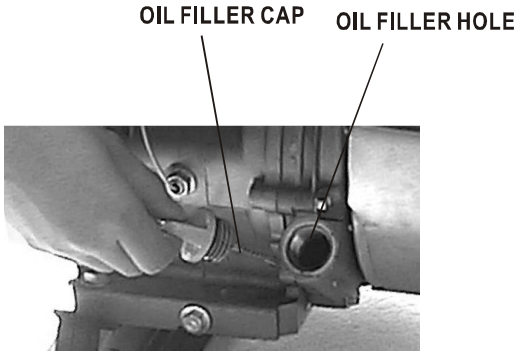


Figure 7- Checking the oil

Changing/ Adding Oil

Change the oil according to the maintenance schedule in figure 6. Change the oil when the engine is warm. This will allow for complete drainage. Change oil more often if operating under heavy load or high ambient temperatures. It is also necessary to drain the oil from the crankcase if it has become contaminated with water or dirt.

The oil capacity of the engine in this plate compactor is 20 fluid oz. Add oil when the oil level is low.

Drain the oil from the engine according to the following steps:

1. Place a container underneath the engine to catch oil as it drains.
2. Using a hex wrench, unscrew the oil drain plug (see figure 8). Allow all the oil to drain from the engine.
3. Reinstall the oil drain plug and tighten with a hex wrench.

To fill the crankcase with oil, follow these steps:

1. Make sure the plate compactor is on a level surface. **Tilting the plate compactor to assist in filling will cause oil to flow into engine areas and will cause damage. Keep plate compactor level!**
2. Remove the oil filler/dipstick cap from the engine as shown in figure 7 above.
3. Using a funnel, add the appropriate type and amount of oil into the crankcase. The crankcase is full when the oil level has reached the second thread from the lip of the opening (see figure 9).
4. Check for oil leaks. Reinstall oil filler cap before starting engine.

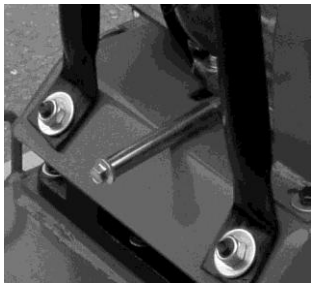


Figure 8- Draining oil

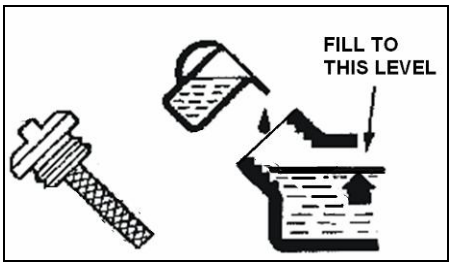


Figure 9- Adding oil

NOTE: Never dispose of used motor oil in the trash or down a drain. Please call your local recycling center or auto garage to arrange oil disposal.

Air Cleaner Maintenance

Routine maintenance of the air cleaner helps maintain proper air flow to the carburetor. Check that the air cleaner is free of excessive dirt.

1. Remove air cleaner cover (**a**). Remove both elements and inspect them for holes or tears. Replace damaged elements.

2. Wash foam element (**b**) in solution of mild detergent and warm water. Rinse thoroughly in clean water. Allow element to dry thoroughly. Soak element in clean engine oil and squeeze out excess oil.

3. Tap paper element (**c**) lightly to remove excess dirt. Replace paper element if it appears heavily soiled.

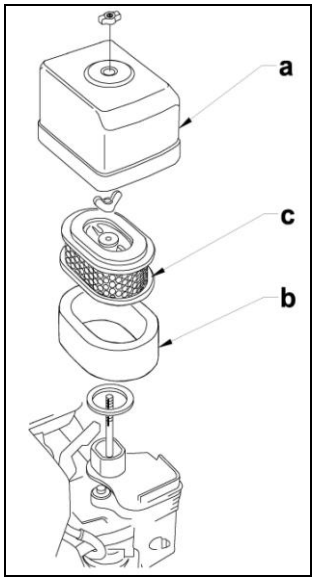


Figure 10- air cleaner

Spark Plug Maintenance

The spark plug is important for proper engine operation. A good spark plug should be intact, free of deposits, and properly gapped. To inspect the spark plug:

1. Pull on the spark plug cap to remove it.
2. Unscrew the spark plug from the plate compactor using the spark plug wrench included with this product.
3. Visually inspect the spark plug. If it is cracked or chipped, discard and replace with a new spark plug.
4. Measure the plug gap with a gauge (see figure 11). The gap should be 0.7-0.8mm (0.028-0.031in).
5. If you are re-using the spark plug, use a wire brush to clean any dirt from around the spark plug base and then re-gap the spark plug.
6. Screw the spark plug back into its place on the plate compactor using the spark plug wrench. **Do not** over-tighten spark plug. Recommended tightening of spark plug is ½ to ¾ of a turn after spark plug gasket contacts spark plug hole. Reinstall the spark plug cap.

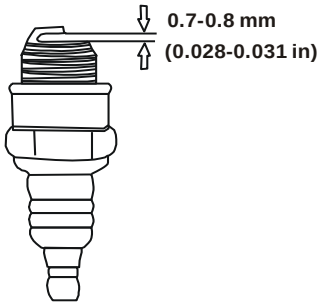


Figure 11- Measuring the spark plug gap
Spark plug: NGK BP7ES

Draining the Fuel Tank

Clean fuel tank each year or before storing the plate compactor for extended periods of time. To drain the fuel tank and carburetor:

1. Turn the fuel valve to the "off" position.
2. Remove the fuel line between the fuel valve and carburetor. Caution: a small amount of fuel may leak from the hose during removal.
3. Attach a fuel line (not included with the plate compactor) to exposed end of the fuel valve.
4. Position fuel line into an appropriate container and open the fuel valve allowing fuel to flow into the container.
5. Once fuel is drained, shut off the fuel valve.
6. Start and run the engine until fuel runs out.
7. Remove the fuel filter cup (see "Fuel Filter Cup Cleaning" earlier in this section).
8. Empty the fuel filter cup of any fuel and clean
9. Reinstall the fuel filter cup.
10. Store the emptied gasoline in a suitable place.

⚠ **CAUTION: Do not store fuel for more than 3 months.**

STORAGE / TRANSPORT PROCEDURES



CAUTION: Never place any type of storage cover on the plate compactor while it is still hot.

If the plate compactor is being stored for short periods of time (30 – 60 days), add stabilized fuel to the fuel tank until full. NOTE: Filling the tank reduces the amount of air in the tank and helps reduce deterioration of fuel. Run the engine for 2 – 3 minutes allowing stabilized fuel mixture to circulate through the carburetor.

When transporting or storing the plate compactor for extended periods of time:

- Drain the fuel tank (see "Draining the Fuel Tank" in the "Maintenance" section).
- Disconnect the spark plug cap from the spark plug.
- Do not obstruct any ventilation openings.
- Keep the plate compactor in a cool dry area.

SPECIFICATIONS

Plate compactor

Compacting Plate Size	24"x 18"
Vibrations per Minute	5400
Compaction Force	4496 lbs
Forward Travel	Up to 82 Feet per Minute
Weight	240 lbs

Engine

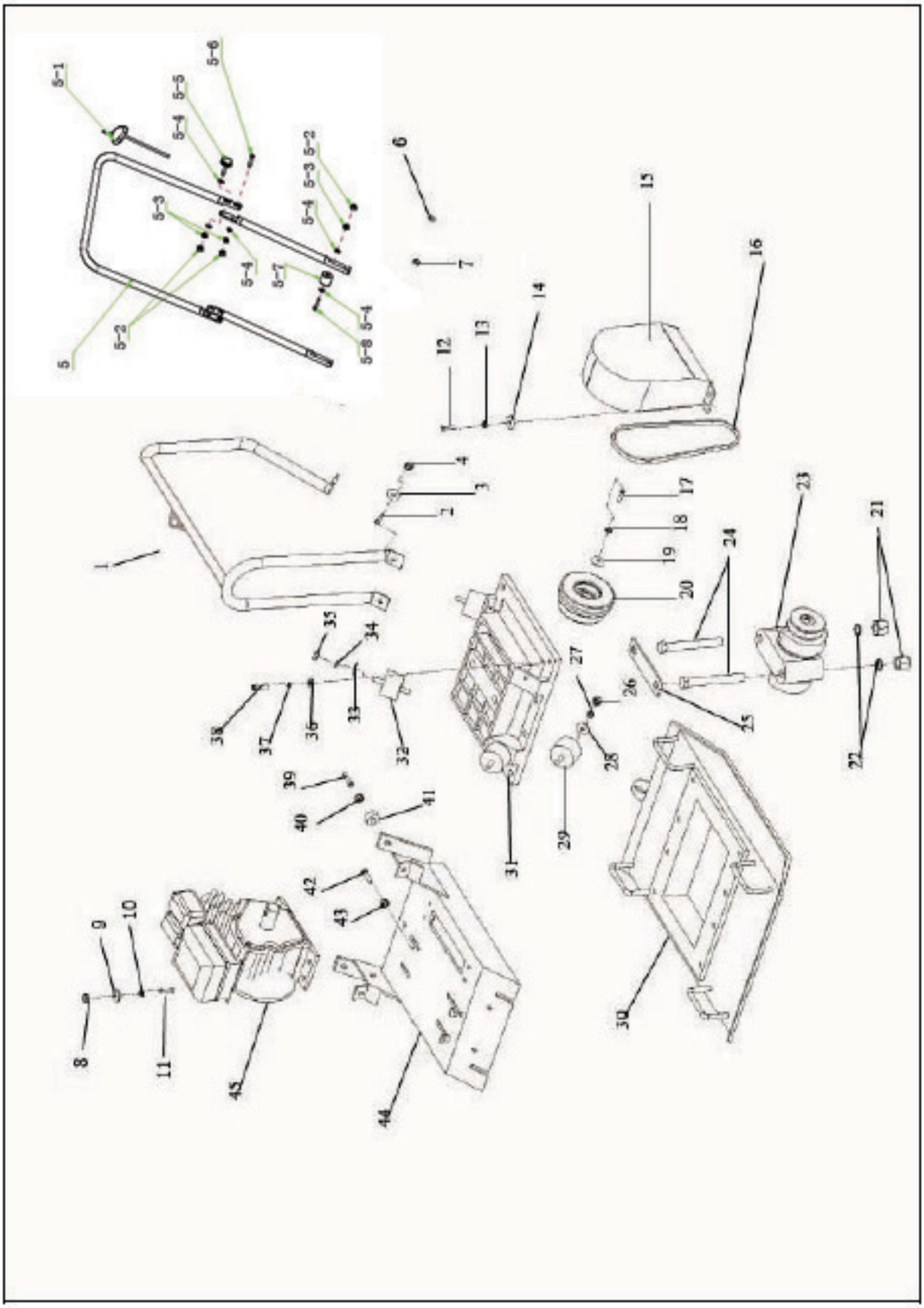
Engine type	4-stroke OHV single cylinder with forced air cooling system
Ignition system	non-contact transistor
Displacement	212 cc
Fuel tank capacity:	1 US gal.
Oil capacity	0.6 L (20 fl oz.)
Spark Plug	NGK BP7ES

TROUBLESHOOTING

IMPORTANT: If trouble persists please call our customer help line at **(888) 315-3080** M-F 8-5 Central Time.

Problem	Cause	Solution
Engine will not start	Engine switch is set to "OFF".	Set engine switch to "ON".
	Fuel valve is turned to "OFF".	Turn fuel valve to "ON" position.
	Choke is open.	Close the choke
	Engine is out of fuel.	Add gasoline.
	Engine is filled with contaminated or old gasoline.	Change the gasoline in the gas tank.
	Spark plug is dirty.	Clean spark plug.
	Spark plug is broken.	Replace spark plug.
	Plate compactor is not on level surface.	Move plate compactor to a level surface to prevent low oil shutdown from triggering.
	Oil is low.	Add or replace oil.
Engine runs but there is no vibration	Handle lever is set to “MIN”.	Move handle lever to “MAX”.
	Drive belt loose or broken.	Adjust or replace.

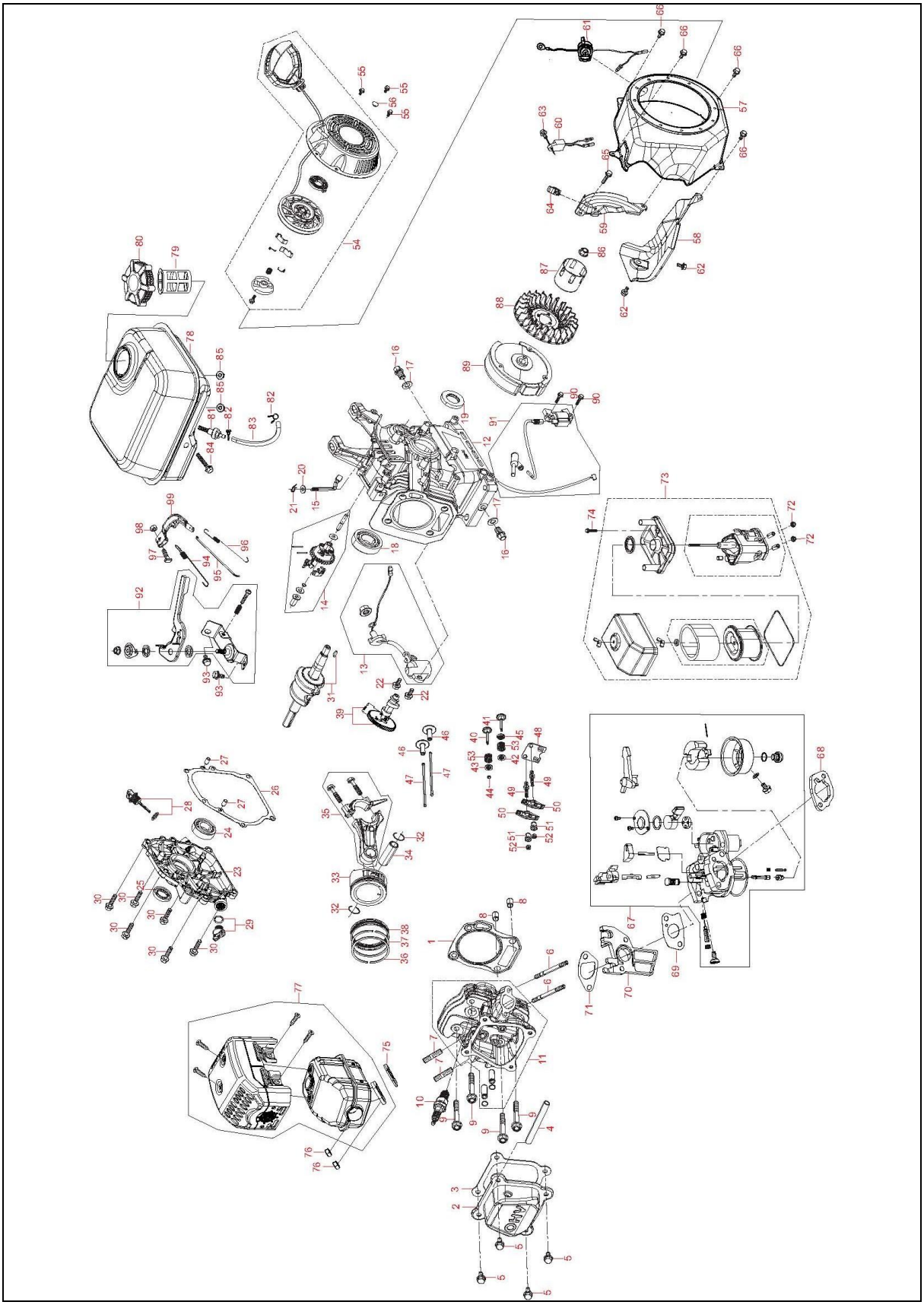
PLATE COMPACTOR EXPLODED VIEW AND PARTS LIST



Item	Stock #	Description	Qty
1	56035-001	Frame	1
2	56035-002	Bolt M10x25	3
3	56035-003	Washer 10	3
4	56035-004	Nut M10	3
5	56035-005	Handle	1
5-1	56035-005-1	The throttle switch assembly	1
5-2	56035-005-2	Nut M10	10
5-3	56035-005-3	Washer Ø 10	6
5-4	56035-005-4	Washer Ø 10	14
5-5	56035-005-5	Nut M10*35	2
5-6	56035-005-6	Bolt M10*35	2
5-7	56035-005-7	Rubber bumper	2
5-8	56035-005-8	Bolt M10*65	2
11	56035-011	Bolt M8x40	4
12	56035-012	Bolt M8x20	4
13	56035-013	spring Washer 8	4
14	56035-014	Washer 8	4
15	56035-015	Belt Cover	1
16	56035-016	Belt	2
17	56035-017	Bolt M8x30	1
18	56035-018	spring Washer 8	1
19	56035-019	Washer 8	1

Item	Stock #	Description	Qty
20	56035-020	Pulley	2
21	56035-021	Nut	2
22	56035-022	Spring Washer	2
23	56035-023	Vibrating Assembly	1
24	56035-024	Bolt	2
25	56035-025	Press Plate	1
26	56035-026	Nut M12	4
27	56035-027	Spring Washer 12	4
28	56035-028	Washer 12	4
34	56035-034	Spring Washer 12	4
35	56035-035	Nut M12	4
36	56035-036	Washer 12	8
37	56035-037	Spring Washer 12	8
38	56035-038	Bolt M12x45	8
39	56035-039	Bolt M8x25	4
40	56035-040	Nut M8	4
41	56035-041	Rubber Bumper C	4
42	56035-042	Bolt M8x50	2
43	56035-043	Nut M8	2
44	56035-044	Engine Connecting Plate	1
45	56035-045	Engine Assembly	1
46	56035-046	Handle Lever	1

ENGINE EXPLODED VIEW AND PARTS LIST



ITEM	STOCK#	DESCRIPTION	QTY
1	56035-E-001	CYLINDER HEAD GASKET	1
2	56035-E-002	CYLINDER HEAD COVER	1
3	56035-E-003	HEAD COVER GASKET	1
4	56035-E-004	BREATHER TUBE	1
5	56035-E-005	BOLT	4
6	56035-E-006	STUD	2
7	56035-E-007	STUD	1
8	56035-E-008	PIN	2
9	56035-E-009	CYLINDER HEAD BOLT	4
10	56035-E-010	SPARK PLUG	1
11	56035-E-011	CYLINDER HEAD ASSEMBLY	1
12	56035-E-012	CRANKCASE ASSEMBLY.	1
13	56035-E-013	OIL SENSOR	1
14	56035-E-014	GOVERNOR GEAR ASSY	1
15	56035-E-015	GOVERNOR ARM	1
16	56035-E-016	DRAIN PLUG BOLT	2
17	56035-E-017	WASHER	2
18	56035-E-018	BEARING	1
19	56035-E-019	OIL SEAL	1
20	56035-E-020	WASHER	1
21	56035-E-021	PIN	1
22	56035-E-022	BOLT	2
23	56035-E-023	CRANKCASE COVER	1
24	56035-E-024	BEARING	1
25	56035-E-025	OIL SEAL	1
26	56035-E-026	CRANKCASE GASKET	1
27	56035-E-027	PIN	2
28	56035-E-028	OIL DIPSTICK ASSEMBLY	1
29	56035-E-029	OIL PLUG ASSEMBLY	1
30	56035-E-030	BOLT	6
31	56035-E-031	CRANKSHAFT ASSEMBLY	1
32	56035-E-032	PISTON PIN CLIP	2
33	56035-E-033	PISTON	1
34	56035-E-034	PISTON PIN	1
35	56035-E-035	CONNECTING ROD	1
36	56035-E-036	THE FIRST RING	1
37	56035-E-037	THE SECOND RING	1
38	56035-E-038	OIL RING SET	1
39	56035-E-039	CAMSHAFT ASSEMBLY	1
40	56035-E-040	EXHAUST VALVE	1
41	56035-E-041	INTAKE VALVE	1
42	56035-E-042	VALVE SPRING SEAT	1
43	56035-E-043	EXHAUST VALVE RETAINER	1
44	56035-E-044	VALVE ROTATOR	1
45	56035-E-045	SEAL GUIDE	1
46	56035-E-046	VALVE TAPPET	2
47	56035-E-047	VALVE LIFTER	2
48	56035-E-048	STOPPER PLATE	1
49	56035-E-049	VALVE ADJUSTING BOLT	2
50	56035-E-050	VALVE ROCKER	2

ITEM	STOCK#	DESCRIPTION	QTY
51	56035-E-051	ADJUSTING NUT	2
52	56035-E-052	VALVE LOCK NUT	2
53	56035-E-053	VALVE SPRING	2
54	56035-E-054	RECOIL STARTER ASSY	1
55	56035-E-055	BOLT	3
56	56035-E-056	REEL END CAP	1
57	56035-E-057	SHROUD	1
58	56035-E-058	CYLINDER BODY SHROUD	1
59	56035-E-059	LOWER SHIELD	1
60	56035-E-060	OIL PROTECTOR	1
61	56035-E-061	ENGINE SWITCH	1
62	56035-E-062	BOLT	2
63	56035-E-063	BOLT	1
64	56035-E-064	COLLAR	1
65	56035-E-065	BOLT	1
66	56035-E-066	BOLT	4
67	56035-E-067	CARBURETOR ASSEMBLY	1
68	56035-E-068	AIR CLEANER GASKET	1
69	56035-E-069	CARBURETOR GASKET	1
70	56035-E-070	INSULATOR PLATE	1
71	56035-E-071	INSULATOR GASKET	1
72	56035-E-072	NUT	2
73	56035-E-073	AIR CLEANER	1
74	56035-E-074	BOLT	1
75	56035-E-075	EXHAUST OUTLET GASKET	1
76	56035-E-076	NUT	2
77	56035-E-077	MUFFLER ASSEMBLY	1
78	56035-E-078	FUEL TANK	1
79	56035-E-079	FUEL STRAINER	1
80	56035-E-080	FUEL TANK CAP	1
81	56035-E-081	FUEL FILTER	1
82	56035-E-082	COLLAR	2
83	56035-E-083	FUEL LINE	1
84	56035-E-084	BOLT	1
85	56035-E-085	NUT	2
86	56035-E-086	FLYWHEEL NUT	1
87	56035-E-087	STARTER PULLEY	1
88	56035-E-088	IMPELLER	1
89	56035-E-089	FLYWHEEL ASSEMBLY	1
90	56035-E-090	BOLT	2
91	56035-E-091	IGNITION COIL	1
92	56035-E-092	THROTTLE CONTROL	1
93	56035-E-093	BOLT	2
94	56035-E-094	GOVERNOR SPRING	1
95	56035-E-095	GOVERNEOR ROD	1
96	56035-E-096	RETURNING SPRING	1
97	56035-E-097	GOVERNOR SUPPORT BOLT	1
98	56035-E-098	NUT	1
99	56035-E-099	GOVERNOR SUPPORT	1

NOTES:

WARRANTY STATEMENT
FOR CONSTRUCTION ZONE™ PLATE COMPACTORS

Construction Zone™ plate compactors are warranted (to the original purchaser) to be free from defects in materials and workmanship for a period of one (1) year from the date of original purchase. Plate compactors used for commercial or for rental have a warranty period of 90 days from date of original purchase.

Construction Zone™ will repair or replace, at its discretion, any part that is proven to be defective in materials or workmanship under normal use during the one (1) year warranty period. Warranty repairs or replacements will be made without charge for parts or labor. Parts replaced during warranty repairs will be considered as part of the original product and will have the same warranty period as the original product.

TO EXERCISE WARRANTY COVERAGE:
For warranty and technical support call the toll-free Customer Service Number: (888) 315-3080 and you will be informed of the nearest authorized service center. We will prearrange the repair with the center.

WARRANTY COVERAGE:
This warranty is conveyed to the original purchaser and is not transferable.
Plate compactors contain parts that will wear out with usage and parts that need maintenance. The warranty does not cover wear or maintenance parts. Specifically, the warranty does not cover replacement of air filter, spark plug, brush and recoil starter rope. Warranty does not extend to plate compactors damaged or affected by accidents, neglect, misuse, contaminated fuel, unauthorized alterations, use in applications beyond product design and any other modification or abuse.

Construction Zone™ is not liable for any indirect, incidental or consequential damages from the sale or use of this product. Any implied warranties are limited to one (1) year as stated in this written limited warranty. Some states do not allow limitation on the length of an implied warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you the specific legal right, and you may have other rights that vary by state.