

28" Power Sweeper



⚠ WARNING



Please read and understand the product manual completely before assembly

- Check the parts list to make sure all parts are received.
- Wear safety goggles or other protective gear while assembling.
- Do not return products to dealers, who are not equipped to handle returns.

Missing parts or questions about assembly?

Email: cs@tmgindustrial.com

Or visit: tmgindustrial.com



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1. Introduction

Your new power sweeper will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find it easy and safe to operate, and with proper care, it will give you many years of dependable service

Carefully read through this entire operator's manual before using this unit. Take special care to heed the cautions and warnings.

The power sweeper is designed for the sweeping and removal of snow, leaves, dirt, light gravel and other materials from parking lots, sidewalks and other surfaces.

There is a belt drive system directly mounted on the engine. It has 2 sets of belt drives, one to the gear box underneath for walking, 1 forward + 1 reverse, and the other to the front for the gear box for brush rotation.

The brush can be swung left and right manually controlled by the steering lever.

The Engine manufacturer is responsible for all engine-related issues with regard to performance, power rating, specifications, warranty and service.

Please refer to the Engine Manufacturer's owner's/operator's manual, packed separately with your unit, for more information.

Specification

Item	Parameter
Model No.	TMG-GSS28
Engine	196 cc, 4.1 kW
Transmission	1 Forward + 1 Reverse
Forward Speed	0.82 m/s / 2.69 ft/s
Reverse Speed	0.82 m/s / 2.69 ft/s
Total Machine Width	720 mm / 28 inch
Sweeping Width	700 mm / 27.5 inch
Brush Diameter	350 mm / 14 inch
Brush Speed	520 rpm
Level of vibration on handlebar	5.52 m/s ² k=1.5 m/s ²
Weight	65 kg / 143 lb
Sound pressure level	87 dB(A) k=3 dB(A)
Sound power level	103 dB(A) k=3 dB(A)

2. Recycling and Disposal

This marking indicates this product must not be disposed of alongside other household waste. Improper uncontrolled waste disposal may harm the environment or human health. Please recycle it responsibly to support the sustainable reuse of material resources. To return your used equipment, utilize local take-back and collection schemes, or contact your local municipal authority or retailers for guidance on environmentally safe recycling.



3. Symbols

The rating plate on your machine may show symbols. These represent important information about the product or instructions on its use.



Wear eye protection.

Wear hearing protection.



Read these instructions for use carefully.



Wear safety footwear.



Wear safety gloves.



It is forbidden to remove or tamper with the protection devices and safety devices.



Keep away from hot parts on the machine.



Do not smoke or have open flames.



Keep your feet away from moving parts.



Thrown objects can cause injury.



Keep bystanders away.

4. Safety

4.1 General Safety Rules

Understand your machine

Read and understand the operator's manual and labels affixed to the machine. Learn its application and limitations as well as the specific potential hazards peculiar to it.

The road surface cleaning shall only be operated by specially trained personnel.

The qualification of the operating personnel and elements to be included in their training in safe working practices.

Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.

Make sure to read and understand all the instructions and safety precautions as outlined in the Engine Manufacturer's Manual, packed separately with your unit. Do not attempt to operate the machine until you fully understand how to properly operate and maintain the Engine and how to avoid accidental injuries and/or property damage.

Work area

Never start or run the machine inside a closed area. The exhaust fumes are dangerous, containing carbon monoxide, an odorless and deadly gas. Operate this unit only in a well ventilated outdoor area.

Never operate the machine without good visibility or light.

Personal safety

Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

Dress properly. Wear heavy long pants, boots and gloves. Do not wear loose clothing, short pants, and jewelry of any kind. Secure long hair so it is above shoulder level. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

Use safety equipment. Always wear eye protection. Safety equipment such as a dust mask, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc. are securely tightened.

Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition

Never remove or tamper with safety device. Check their proper operation regularly.

Do not use the machine if the engine's switch does not turn it on or off. Any gasoline powered machine that cannot be controlled with the engine switch is dangerous and must be replaced.

Form a habit of checking to see that keys and adjusting wrenches are removed from machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.

Stay alert, watch what you are doing and use common sense when operating the machine.

Do not overreach. Do not operate the machine while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces. Keep proper footing and balance at all times.

This enables better control of the machine in unexpected situations.

Avoid accidental starting. Be sure the engine is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with engine on invites accidents.

Fuel safety

Fuel is highly flammable, and its vapors can explode if ignited. Take precautions when using to reduce the chance of serious personal injury.

When refilling or draining the fuel tank, use an approved fuel storage container while in a clean, well-ventilated outdoors. Do not smoke, or allow sparks, open flames or other sources of ignition near the area while adding fuel or operating the unit. Never fill fuel tank indoors.

Keep grounded conductive objects, such as tools, away from exposed, live electrical parts and connections to avoid sparking or arcing. These events could ignite fumes or vapors.

Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot. Do not operate the machine with known leaks in the fuel system

Loosen the fuel tank cap slowly to relieve any pressure in the tank.

Never overfill fuel tank. Fill tank to no more than 12.5mm (1/2") below the bottom of the filler neck to provide space for expansion as the heat of the engine can cause fuel to expand.

Replace all fuel tank and container caps securely and wipe up spilt fuel. Never operate the unit without the fuel cap securely in place.

Avoid creating a source of ignition for spilt fuel. If fuel is spilt, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapors have dissipated.

Store fuel in containers specifically designed and approved for this purpose.

Store fuel in a cool, well-ventilated area, safely away from sparks, open flames or other sources of ignition.

Never store fuel or machine with fuel in the tank inside a building where fumes may reach a spark, open flame, or other sources of ignition, such as a water heater, furnace, clothes dryer and the like. Allow the engine to cool before storing in any enclosure.

Machine use and care

Position the machine in such a way that it cannot move during maintenance, cleaning, adjustment, assembly of accessories or spare parts, as well as under storage.

Do not force the machine. Use the correct machine for your application. The correct machine will do the job better and safer at the rate for which it is designed.

Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.

Do not run the engine at a high speed when you are not working.

Do not put hands or feet near rotating parts.

Avoid contact with hot fuel, oil, exhaust fumes and hot surfaces. Do not touch the engine or muffler. These parts get extremely hot from operation. They remain hot for a short time after you turn off the unit. Allow the engine to cool before doing maintenance or making adjustments.

If the machine should start to make an unusual noise or vibration, immediately shut off the engine, disconnect the spark plug wire, and check for the cause. Unusual noise or vibration is generally a warning of trouble.

Use only attachments and accessories approved by the manufacturer. Failure to do so can result in personal injury

Maintain the machine. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use. Many accidents are caused by poorly maintained equipment.

Keep the engine and muffler free of grass, leaves, excessive grease or carbon build up to reduce the chance of a fire hazard.

Never douse or squirt the unit with water or any other liquid. Keep handles dry, clean and free from debris. Clean after each use.

Observe proper disposal laws and regulations for gas, oil, etc. to protect the environment.

Store idle machine out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate it. Machine is dangerous in the hands of untrained users.

Service

Before cleaning, repair, inspecting, or adjusting, shut off the engine and make certain that all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.

Have your machine serviced by qualified repair personnel using only identical replacement parts. This will ensure the safety of the machine maintained.

4.2 Specific Safety Rules

Thoroughly inspect the area to be worked, keep the working area clean and free of debris to prevent tripping. Operate on a flat level ground.

Never place any part of your body where it would be in danger if movement should occur during assembly, installation, and operation, maintenance, repairing or moving.

Keep all bystanders, children, and pets at least 23m (75 feet) away. If you are approached, stop the unit immediately.

Start the engine carefully according to instructions and with feet well away from the moving parts.

Never leave the operating position when the engine is running

Always hold the unit with both hands when operating. Keep a firm grip on the handlebars. Be aware that the machine may unexpectedly bounce upward or jump forward if the machine should strike buried obstacles such as large stones.

Walk, never run with the machine

Use extreme caution when in reverse or pulling the machine towards you.

Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.

Pay the utmost attention when working on frozen ground as the machine may tend to skid.

Do not operate the machine in confined areas where there may be a risk of crushing the operator between the machine and another object.

Never operate the machine on slopes where angle is over 20°.

Move the machine at least 3m away from the refueling point before starting engine.

Always check the oil level of the engine before use.

Do not operate the machine on a bumpy or steep road. Exercise caution to avoid slipping or falling, especially when operating in reverse.

Inspect that all nuts, bolts and brush rollers are tight and well connected to ensure the safety and reliability of this machine prior to

any operation.

Adjust the lever cables to ensure that they are flexible and reliable.

Adjust the brush to proper height prior to any operation.

Inspect the air pressure in the tires prior to use and pay attention to sharp objects when using the machine to prevent the tires from being pierced.

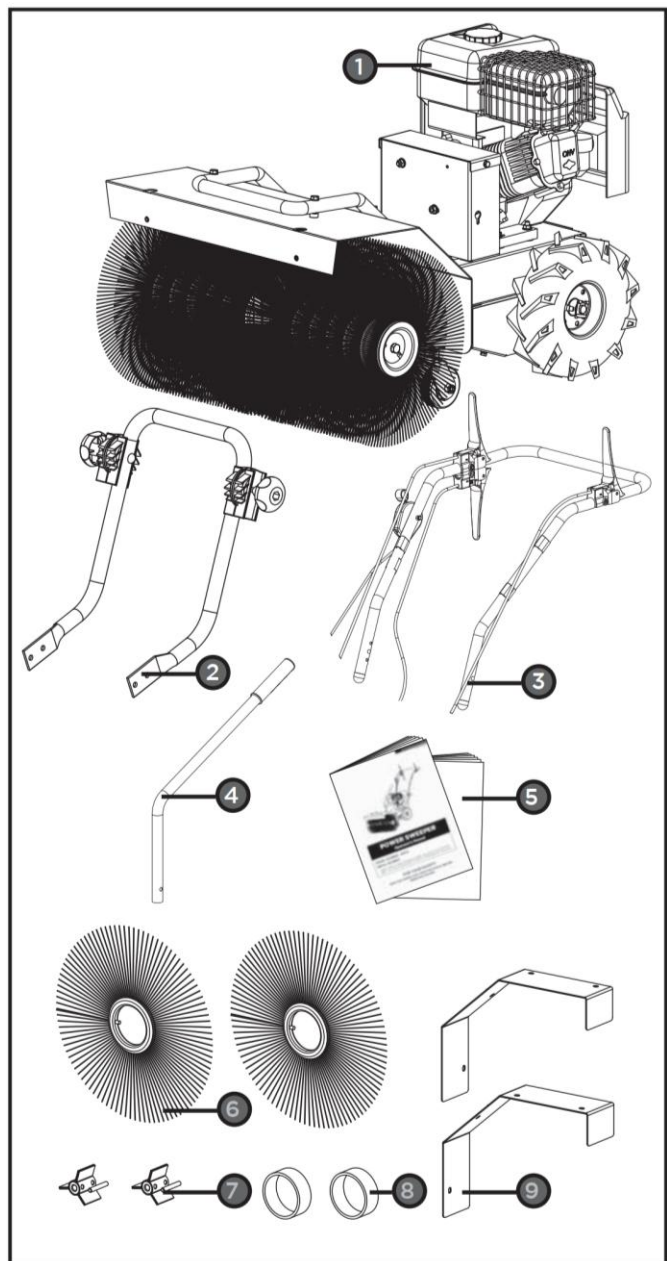
Since some parts of the machine are made of plastic or rubber materials, it should be kept away from any chemical article to prevent a chemical reaction from occurring.

When sweeping, if the brush is blocked by some soft materials. Please stop engine and remove the spark plug then remove the materials.

5. Contents Supplied

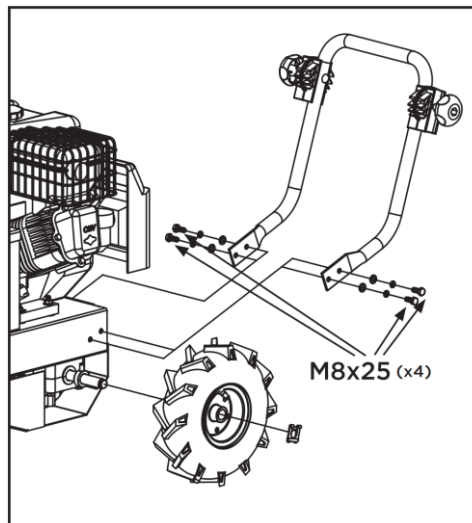
The power sweeper comes partially assembled and is shipped in a carefully packed package. After all the parts have been removed from the package, you should have:

1. Main Frame
2. Lower Handle
3. Upper Handle Assembly
4. Steering Lever
5. Operator's Manual & Engine Manual
6. Brush II
7. Extension Shaft
8. Bushing
9. Extension Cover Plate

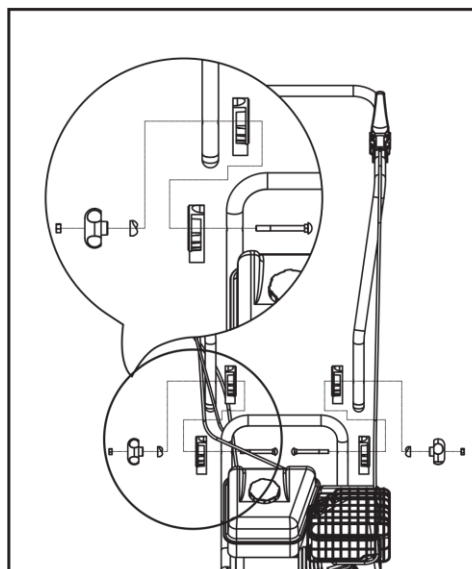


6. Assembly

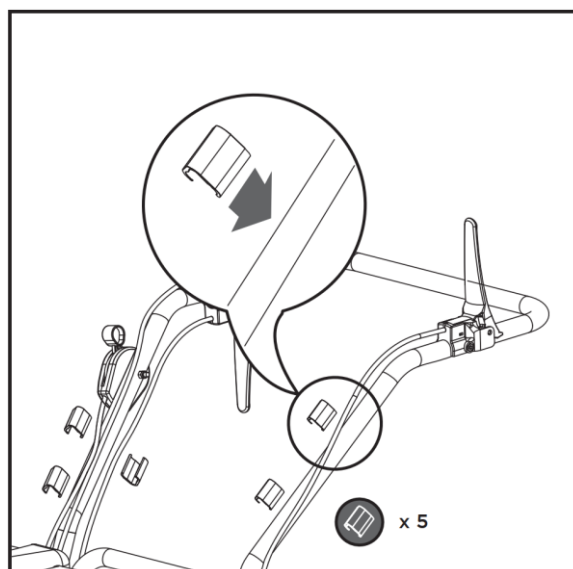
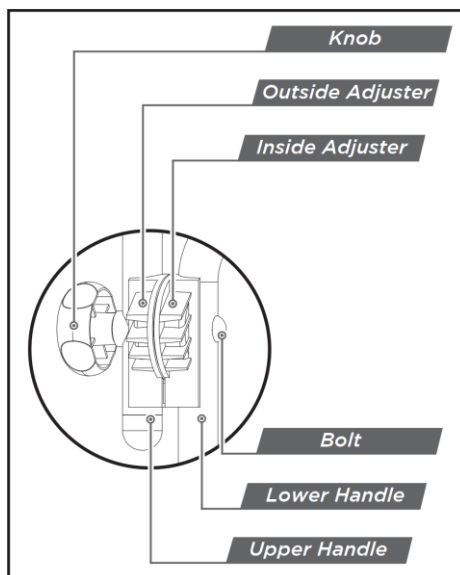
Following the assembly directions below, you will assemble the machine in a few minutes.



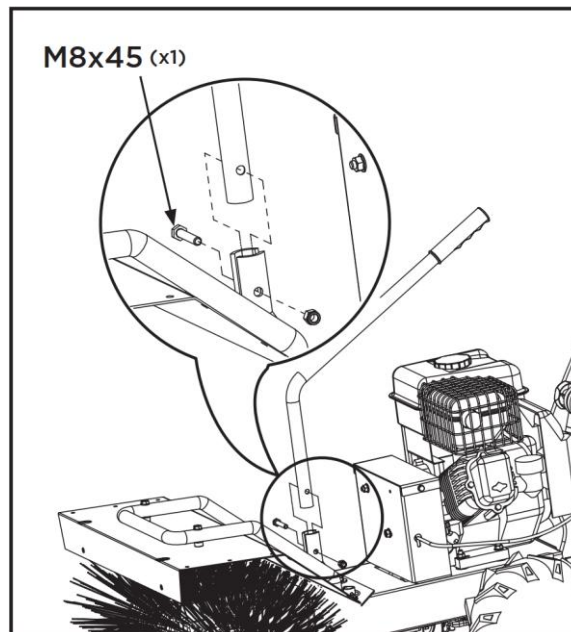
1. Disassemble the wheels. Mount the lower handle to the engine base with bolts M8x25, spring washers 8 and flat washers 8. Then mount the wheels and fix them by the circlips.



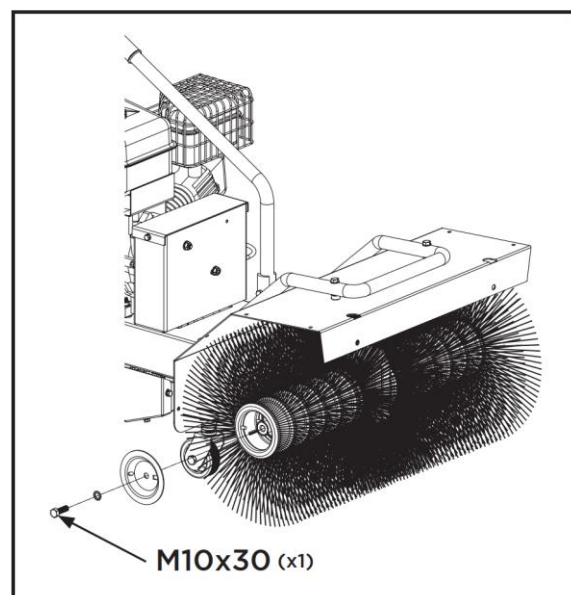
2. Disassemble the handle adjustment knobs. Mount the upper handle on the lower handle with the handle adjustment knobs.



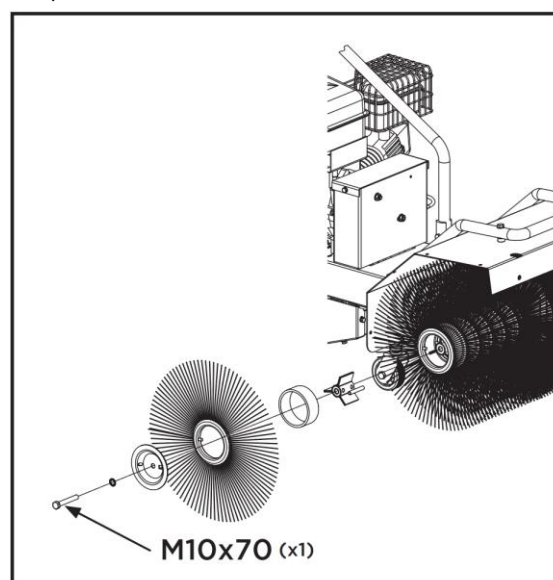
3.Adjust the lever cables correctly and use cable clips to secure them in place on the upper handle. Make sure that the lever cables are routed properly.



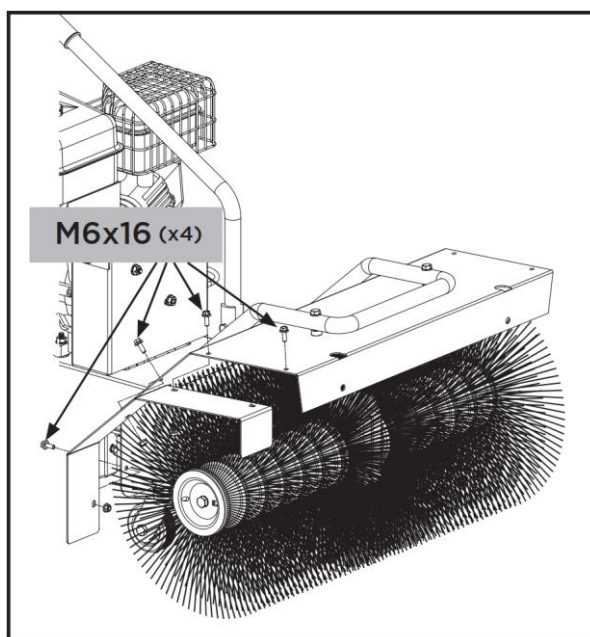
4.Fix the steering lever to the bracket by bolt M8x45 and screw nut M8.



5.Loosen bolt M10x30 and remove this bolt, washer 10 and brush.



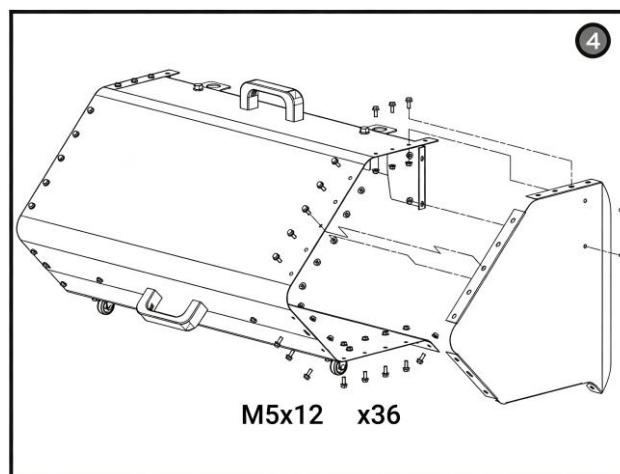
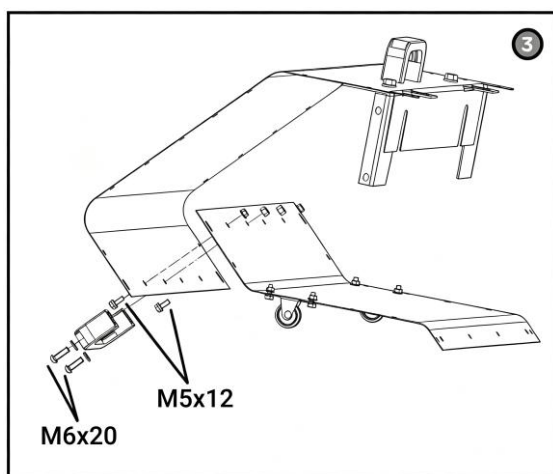
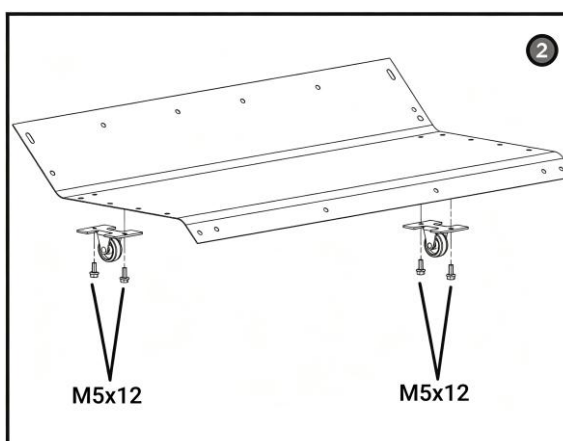
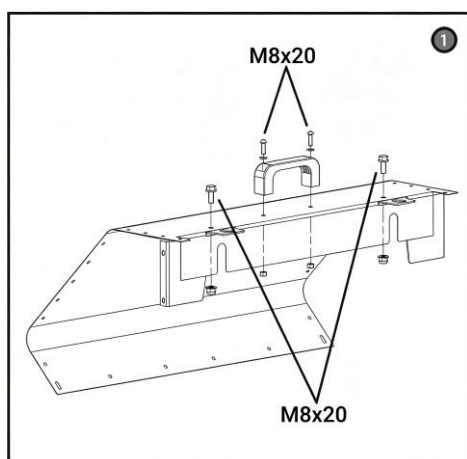
6. Assemble the washer 10, brush guard. Brush II, bushing and extension shaft by tightening bolt M10x70.

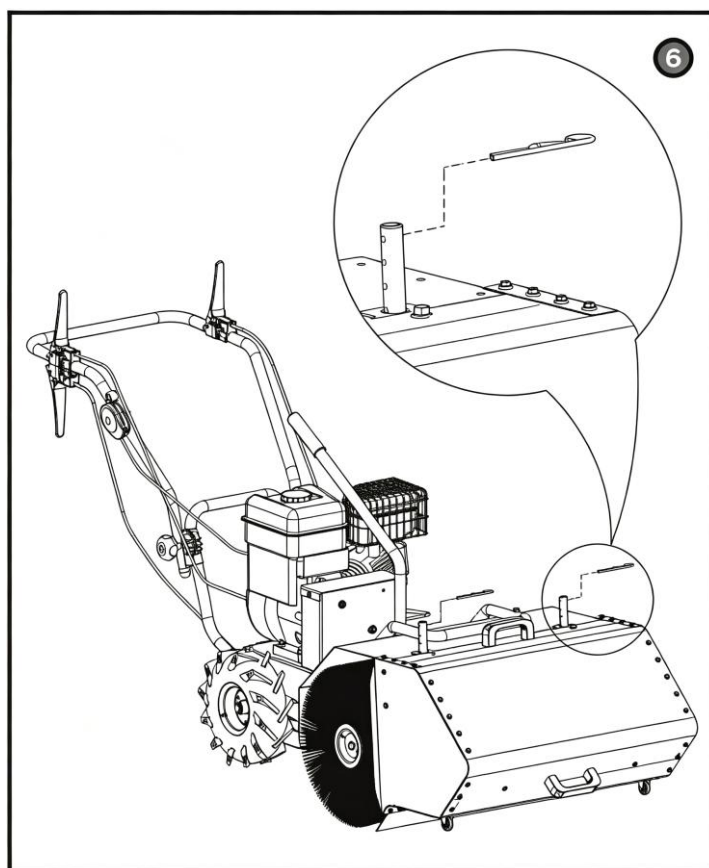


7. Align the holes in extension cover plate with holes in brush cover. Insert 4 bolts M6x16 and secure with 4 nuts M6.

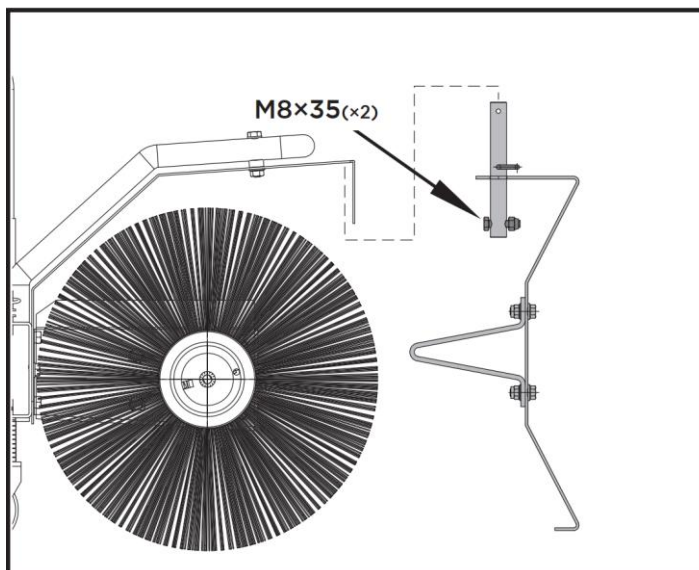
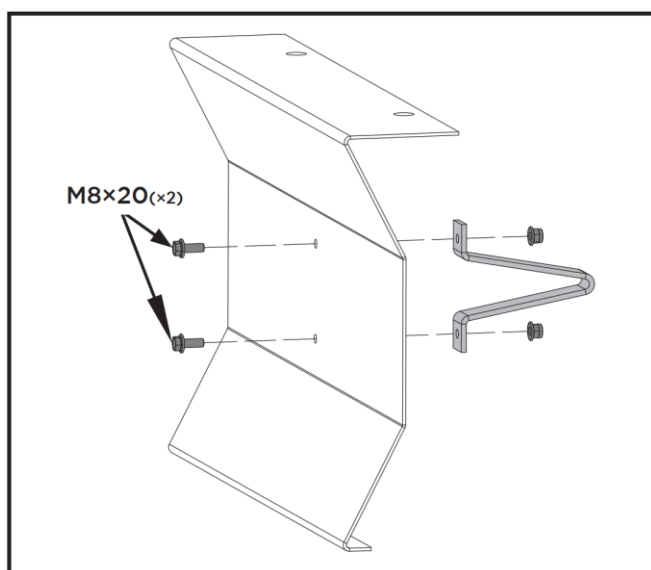
Repeat steps 5~7 to assemble the brush and extension cover plate in the other side.

Assembly of OPTIONAL dust collection bucket





Assembly of OPTIONAL plow blade



Engine oil

WARNING

Oil has been drained for shipping.

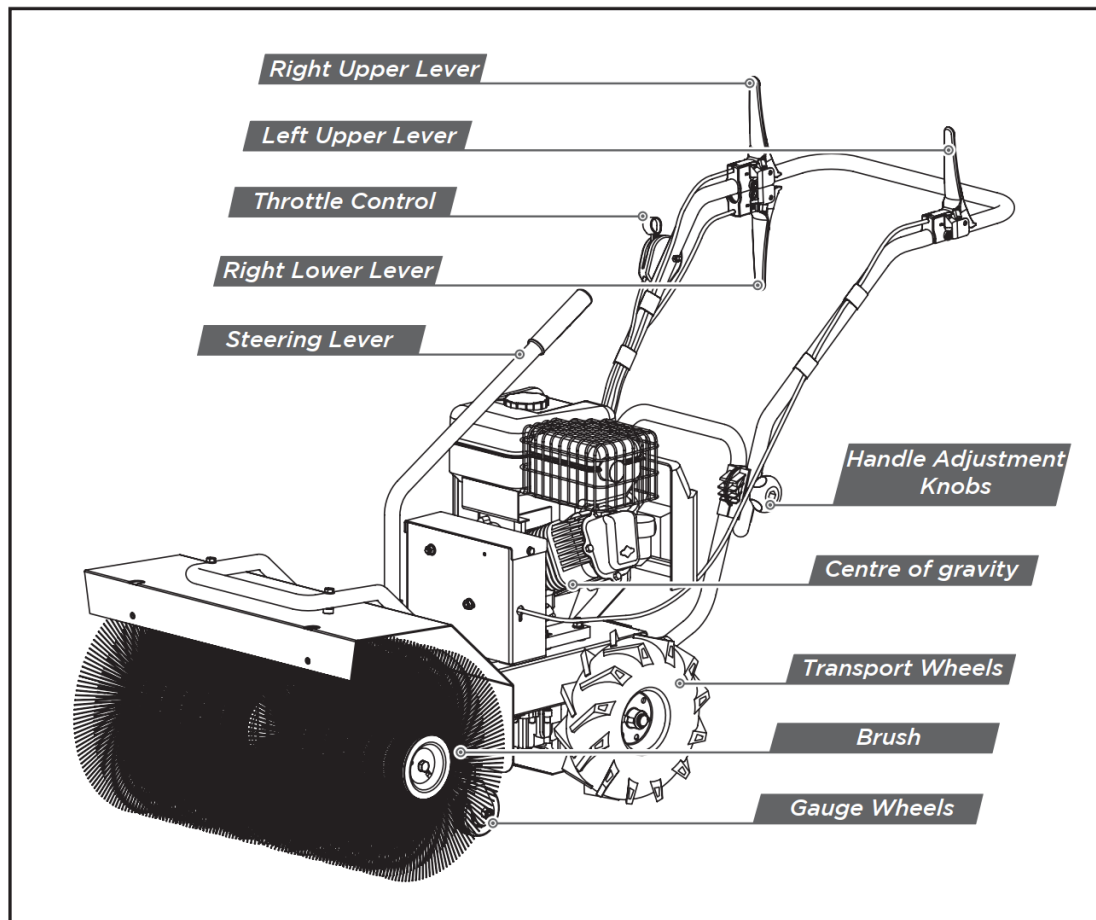
Failure to fill engine sump with oil before starting engine will result in permanent damage and will void engine warranty.

Please note that the Power Sweeper is supplied without fuel or oil in the engine.

Add oil according to Engine Manual packed separately with your unit.

7. Know Your Sweeper

7.1 Features and Controls



Right upper lever

It controls forward movement. It engages and disengages engine rotation from transmission. Pressing it is "Drive" mode and releasing it is "Stop" mode. Press it to make machine move forwards. Release it to make machine stop.

Right lower lever

It controls reverse movement. It engages and disengages engine rotation from transmission. Pressing it is "Drive" mode and releasing it is "Stop" mode. Press it to make machine move backwards. Release it to make machine stop.

Left upper lever

It controls the brush operation. Press it to start brush rotation. Release it to stop brush rotation.

Throttle control

It controls engine speed. Put the throttle lever on low speed or high speed or an intermediary position between low speed and high speed to increase or decrease the speed of engine.

Gauge wheels

They play a role of supporting and turning the machine and also for adjusting the height of the brush.

Steering lever

It controls the direction of the brush. Press steering lever and swing the brush 20 degrees to the right side or the left side.

Brush

It sweeps and removes snow, leaves, dirt, light gravel and other materials from parking lots, sidewalks and other surfaces.

Transport wheels

They move the power sweeper to any desired location.

Handle Adjustment Knobs

It provides different handle heights to make driving position comfortable with the controls positioned ergonomically.

Loosen both handle adjustment knobs, and pivot handle forward or backward to desired height, and then tighten the adjustment knobs securely.

7.2 Sweeper Operation

Adding fuel

Fill the fuel tank as instructed in the separate Engine Manual packed with the machine.



WARNING

Fill tank to no more than 12.5mm (1/2") below the bottom of the filler neck to provide space for expansion.

Starting engine

A more detailed description of the engine operation and all related precautions and procedures can be found in the Engine Manual packed separately with the power sweeper.

Follow the procedure below for cold starts:

1. Turn the fuel valve lever on the engine to the ON position.
2. Turn the choke lever on the engine to the CLOSE position.
3. Set the throttle lever on the upper handle at halfway position
4. Pull the starting rope slowly several times to allow the gasoline to flow into the engine's carburetor. Then hold the start handle firmly and pull rope out a short distance until you feel some resistance. Then pull the rope smoothly and briskly, and allow rope to return gently. Do not let the rope snap back. If necessary, pull the rope several times until the engine starts.
5. Allow the engine to run for several seconds to warm up. Then, gradually move choke lever to "OPEN" position.

Restarting an engine that is already warm from previous running does not normally require use of the choke.

1. Set the throttle lever on the upper handle at half-way position.
2. Hold the start handle firmly and pull rope out a short distance until you feel some resistance. Then pull the rope smoothly and briskly, and allow rope to return gently. Do not let the rope snap back.

Operating

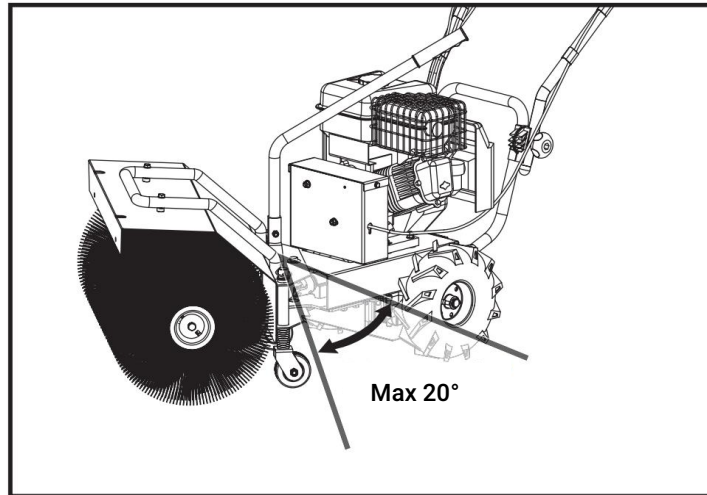
After engine warms up, pull throttle lever to accelerate engine speed.

Push down the left upper lever to activate the brush rotation.

Push down the right upper lever to move forwards or pull up the right lower lever to move backwards.

The Power Sweeper is equipped with a dead man's handle, which means that when you release the levers, the brush and machine stop.

In case of accidents you should release the levers as quickly as possible and stop the engine.



The brush can be swung 20 degrees to either side. Press the steering lever; turn the brush to the desired angle, release the steering lever and the catch will fall correctly into place.

Idle speed

Set throttle control lever to its "SLOW" position to reduce stress on the engine when working is not being performed. Lowering the engine speed to idle the engine will help extend the life of the engine, as well as conserve fuel and reduce the noise level of the machine.

Stopping engine

To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, use the following procedure.

1. Move the throttle lever to the SLOW position.
2. Let engine idle for one or two minutes.
3. Turn the engine switch to the OFF position.
4. Turn the fuel valve lever to the OFF position.



WARNING

Do not move choke lever to the CLOSE position to stop engine. Backfire or engine damage may occur.

8. Maintenance

Proper maintenance and lubrication will help keep the machine in perfect working condition.

Preventive maintenance

Turn off engine and disengage all command levers. Engine must be cool.

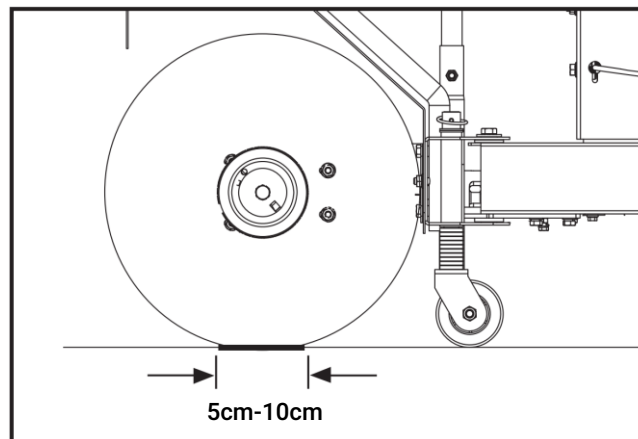
Inspect the general condition of the unit. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation.

Remove all debris and other materials that may have accumulated on the brush. Clean after each use. Then use a premium quality lightweight machine oil to lubricate all moving parts.

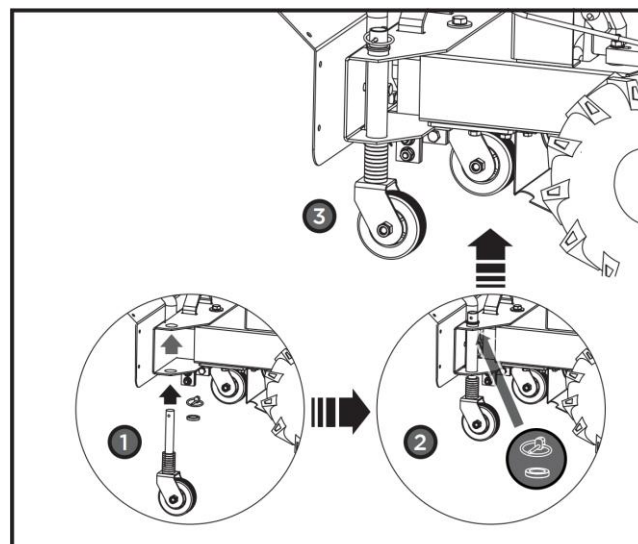
WARNING

Never use a "pressure washer" to clean your unit. Water can penetrate tight areas of the machine and its transmission case and cause damage to spindles, gears, bearings, or the engine. The use of pressure washers will result in shortened life and reduce serviceability.

Adjusting Height of gauge wheels and brush



Once the brush gets worn it is necessary to adjust the height of the brush, i.e. how close it is to the surface to sweep. This adjustment takes place by adjustment of gauge wheels. The brush has two adjustable gauge wheels. The vertical adjustment of the gauge wheels is done by the placement of a series of plastic rings above or below the mounting tube. The suggested adjustment for the gauge wheels is the point at which the brush sweeps 5cm to 10cm of surface area when the machine is parked. The number of top and lower plastic rings is to be the same for both sides.



Dismount the gauge wheels and remove one plastic ring from the bottom (Illus.No.1). Mount the wheels again (Illus.No.2). This lifts up the gauge wheels and the brush will come closer to the surface. Finally, mount the plastic ring, sleeve and locking ring (Illus.No.3).

Adjusting levers

As levers get worn, it could have a wider opening, being so uneasy to use. This means that it is necessary to adjust the cables, set levers on their original positions and tighten up.

Lubrication

The gearbox is pre-lubricated and sealed at the factory.

Check oil level every 50 hours of working. Remove the plug and check, with machine horizontal, oil reaches the two notches. If necessary, add the oil.

Use portable tool lithium #0 grease such as Lubriplate 6300AA , Lubriplate GR-132, or Multifak, e.g. EP-O.

Oil must be replaced when engine is stopped and warm by unscrewing filler cap and plug equipped with an oil dipstick. When oil is completely drained, replace filler cap and fill up with fresh oil.

Engine maintenance

Refer to the Engine Manual included in your unit for the information on engine maintenance. Your engine manual provides detailed information and a maintenance schedule for performing the tasks.

9. Storage

If the power sweeper will not be used for a period longer than 30 days, follow the steps below to prepare your unit for storage

1. Drain the fuel tank completely. Stored fuel containing ethanol or MTBE can start to go stale in 30 days. Stale fuel has high gum content and can clog the carburetor and restrict fuel flow
2. Start the engine and allow it to run until it stops. This ensures that no fuel is left in the carburetor. Run the engine until it stops. This helps prevent gum deposits from forming inside the carburetor and possible engine damage.
3. While the engine is still warm, drain the oil from the engine. Refill with fresh oil of the grade recommended in the Engine Manual.
4. Use clean cloths to clean off the outside of the machine and to keep the air vents free of obstructions



WARNING

Do not use strong detergents or petroleum based cleaners when cleaning plastic parts. Chemicals can damage plastics.

5. Inspect for any loose or damaged parts. Repair or replace damaged parts and tighten loose screws, nuts or bolts.
6. Store your unit on flat ground in a clean, dry building that has good ventilation.



WARNING

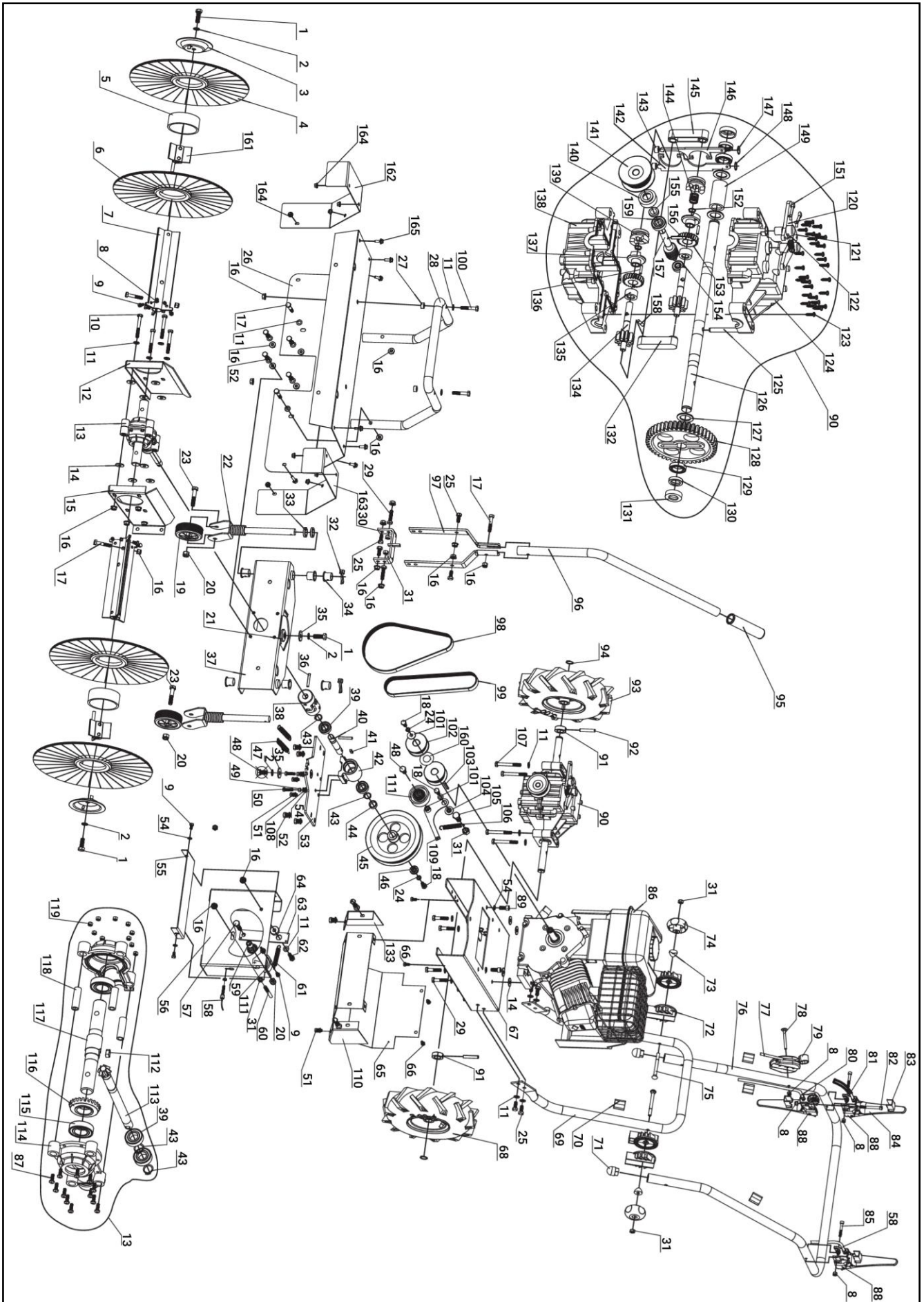
Do not store the machine with fuel in a non-ventilated area where fuel fumes may reach flame, sparks, pilot lights or any ignition sources.

10. Troubleshooting

Problem	Cause	Remedy
Engine fails to start	1. Spark plug wire disconnected. 2. Out of fuel or stale fuel. 3. Choke not in closed position. 4. Blocked fuel line. 5. Fouled spark plug. 6. Engine flooding.	1. Attach spark plug wire securely to spark plug. 2. Fill with clean, fresh gasoline. 3. Choke must be positioned at CLOSE for a cold start. 4. Clean the fuel line. 5. Clean, adjust gap, or replace. 6. Wait a few minutes to restart, but do not prime.
Engine runs erratically	1. Spark plug wire loose. 2. Unit running on CHOKE. 3. Blocked fuel line or stale fuel. 4. Vent plugged. 5. Water or dirt in fuel system. 6. Dirty air cleaner. 7. Improper carburetor adjustment.	1. Connect and tighten spark plug wire. 2. Move choke lever to OFF. 3. Clean fuel line. Fill tank with clean, fresh gasoline. 4. Clear vent. 5. Drain fuel tank. Refill with fresh fuel. 6. Clean or replace air cleaner. 7. Refer to Engine Manual.
Engine overheats	1. Engine oil level low. 2. Dirty air cleaner. 3. Air flow restricted. 4. Carburetor not adjusted properly.	1. Fill crankcase with proper oil. 2. Clean air cleaner. 3. Remove housing and clean. 4. Refer to Engine Manual.
Power Sweeper does not sweep while engine is running.	1. The brush is blocked by the dirt and debris. 2. Belt slack or worn. 3. The left upper lever is loose or worn.	1. Stop engine and pull off the spark plug, and then remove the dirt and debris. 2. Have slack belt tightened. Have worn belt replaced. 3. Have loose lever tightened. Have worn lever replaced.
Power Sweeper does not drive along.	1. Coupling cable for drive system not adjusted correctly. 2. Belt slack or worn. 3. Tire worn.	1. Adjust coupling cable. 2. Have slack belt tightened. Have worn belt replaced. 3. Have worn tire replaced.
Excessive vibration	Loose parts or damaged worm.	Stop engine and pull off the spark plug, and then tighten loose bolts and nuts and have damaged worm repaired.

11. Exploded View & Parts List

Exploded View



Parts List

Part No.	Description	Qty	Part No.	Description	Qty
1	Bolt M10 × 30	3	84	Clutch Handle	3
2	Washer 10	4	85	Screw M6 × 40	2
3	Brush Guard	2	86	Engine	1
4	Brush II	12	87	Screw M5 × 16	12
5	Brush Sleeve	10	88	Clutch Lever Seat	3
6	Brush I	2	89	Screw M8 × 20	2
7	Brush Shaft Weldment	2	90	Driving Assy	1
8	Nut M6	12	91	Washer	2
9	Bolt M6 × 12	9	92	Round Pin 8 × 45	2
10	Bolt M8 × 65	4	93	Tyre - right	1
11	Washer 8	25	94	Circlip	2
12	Gear Holder - Left	1	95	Handle Grip	1
13	Gear Box	1	96	Turning Handle	1
14	Washer 8	12	97	Handle Fixing Plate	2
15	Gear Holder- Right	1	98	Belt 8PJ685	1
16	Nut M8	28	99	Belt 8PJ620	1
17	Bolt M8 × 45	5	100	Bolt M8 × 50	2
18	Bolt M8 × 20	1	101	Washer 8	3
19	Guiding Wheel	2	102	Pulley	2
20	Nut M10	3	103	Key C4.75 × 45	1
21	Washer-upper	1	104	Washer	1
22	Guiding Fork	2	105	Bolt M8 × 30	1
23	Bolt M10 × 55	2	106	Spring	1
24	Spring Washer 8	4	107	Bolt M8 × 75	4
25	Bolt M8 × 25	8	108	Washer	2
26	Guard Plate	1	109	Arm Pulley	1
27	Guard Sleeve	2	110	Gearbox Side Guard B	1
28	Syphon	1	111	Tension Pulley Assembly	2
29	Bolt M8 × 40	6	112	Key A8 × 16	1
30	U Shape Plate	1	113	Bevel Gear - Small	1
31	Nut M8	6	114	Bevel Gear Shell	2
32	Circlips	2	115	Bearing 6005	2
33	Plastic Washer	20	116	Bevel Gear - Big	1
34	Plastic Bushing	6	117	Output Shaft	1
35	Washer 10	2	118	Bevel Gear Shell Gasket	4
36	Round Pin 6 × 40	2	119	Nut M5	12
37	Front Stand Weldment	1	120	Clutch Revolving Arm II	1
38	Gimbal Joints	1	121	Clutch Revolving Arm I	1
39	Bearing 6003	4	122	Spring	1
40	Shaft	1	123	Screw ST4.2 × 16	29
41	Key A 5 × 20	1	124	Shell	1
42	Bearing House	1	125	Straight Pin 8 × 70	1
43	Circlip	4	126	Tyre Shaft	1
44	Bushing	1	127	Washer	3
45	Pulley	1	128	Driving Gear Wheel	1

Part No.	Description	Qty	Part No.	Description	Qty
46	Washer	1	129	Bearing 61804	2
47	Swing Spring	2	130	Oil Seal A19 × 27 × 6	2
48	Bolt M10 × 20	2	131	Oil Seal Retainer	2
49	Nut M6	3	132	Worm Bearing Seat I	1
50	Bolt M6 × 25	2	133	Gearbox Side Guard A	1
51	Bolt M6 × 16	6	134	Driving Gear Wheel	2
52	Bolt M8 × 20	8	135	Worm Shaft Sleeve	2
53	Steering Fixing Plate Weldment	1	136	Straight Pin 4 × 18	2
54	Washer 6	9	137	Jaw Clutch I	2
55	Cover Board	1	138	Shell II	1
56	Tensioner Stand	1	139	Jaw Clutch II	2
57	Bolt M10 × 40	1	140	Worm Bearing Seat	1
58	Clutch Cable	1	141	Gearbox Belt Pulley	1
59	Bushing	1	142	Fork I	1
60	Screw	1	143	Fork Crown Cover	2
61	Spring	1	144	Clutch Band Spring	2
62	Bolt M8 × 30	1	145	Worm Bearing Seat II	1
63	Tensioner Fixing Plate II	1	146	Fork II	1
64	Washer	1	147	O-ring 11.8 × 1	1
65	Driving Assy Guard	1	148	O-ring 14 × 1	1
66	Bolt M6 × 12	4	149	Driving Shaft Sleeve	1
67	Engine Base	1	151	Cotter Pin 4 × 25	2
68	Tyre - Left	1	152	Circlips for Shaft 12	2
69	Pusher Support	1	153	Worm Wheel	2
70	Line Card 25	5	154	Bearing 608	1
71	Round Stem	2	155	Oil Seal A12 × 19 × 5	1
72	Holder	4	156	Round Pin 5 × 30	1
73	Ferrule	2	157	Worm Gear	1
74	Wing Nut	2	158	Pin	2
75	Bolt M8 × 85	2	159	Bearing 6001	1
76	Handle	1	160	Washer	3
77	Cable Throttle	1	161	Extension Shaft	2
78	Bolt M6 × 60	1	162	Extension Cover Plate-Right	1
79	Throttle Control Assy	1	163	Extension Cover Plate-Left	1
80	CKA Clutch Cable I	1	164	Nut M6	8
81	CKA Clutch Cable	1	165	Bolt M6 × 16	8
82	Screw M6 × 60	1			
83	Clutch Handle Cover	3			

WARRANTY INFORMATION:

Please refer to our website for detailed warranty conditions and coverage.

For the most up-to-date and comprehensive warranty information, visit www.tmgindustrial.com