

# T25 MINI DUMPER



## Operator's Manual

**MechMaxx**

[www.mechmaxx.com](http://www.mechmaxx.com)



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## SPECIFICATIONS

| Model                    | T25                        |
|--------------------------|----------------------------|
| Engine                   | Ducar DV196                |
| Displacement             | 196 cc; 6.5 HP             |
| Loading Capacity         | 660 lb                     |
| Start                    | Recoil                     |
| Transmission             | 4 forward /1 reverse speed |
| Driven                   | Chain driven 4x4           |
| Wheels                   | front 4.00-10, rear 4.00-8 |
| Box Length               | 37 in                      |
| Box Width                | 28 in                      |
| Box Depth                | 18 in                      |
| Tipping Bucket Thickness | 0.07 in                    |
| Transmission Type        | Mechanical                 |
| Limited Grade Ability    | 20 degree                  |
| Overall Size             | 67*30*34 in                |
| G.W./N.W.                | 344/291 lb                 |

## SAFETY SIGNS

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

**Getting Started**

- 1.Fill tank with unleaded gasoline
- 2.Set machine on firm ground and check oil levels.
- 3.To start the engine, push the throttle lever (a) fully backward to engage the choke.
- 4.Move throttle lever (a) forwards slightly to disengage the choke and set the engine speed to fast.

Check if the emergency button is released.

Allow the engine to warm up.

**Stop**

- 1.Release the clutch lever (b).
- 2.Push the throttle lever (a) fully forward to power off the engine.

**Emergency Stop**

Press the Emergency Button (Red Button) to stop engine when emergency.

**Note:**

After engine power off, please release the emergency button (Turn it as the direction shows on the button.)

**CAUTION**

Please check distribution of engine before machine starting.

**Engine oil: 10W-30**

**Tyre Pressure: 35-38 Psi**

**NO CARRYING PEOPLE**

**DO NOT SHIFT GEARS WHEN MOVING**

a: Throttle lever      c: Skip release lever  
b: Clutch lever      d: Gear change lever

**Move**

**To Move Forward:**

- 1.Select required speed with gear change lever (d) from position 1 to position 4
- 2.Gently engage clutch lever (b).
- 3.Control engine speed with throttle lever

**To Reverse:**

- 1.Move gear change lever (d) to position R (reverse).
- 2.Gently engage clutch lever (b).

**Skip Operation**

**To Empty Skip:**

- 1.Release the clutch lever (b) and disengage the skip release lever (c).
- 2.Jerk both handles upwards.

The skip will push forwards and dump the load.

**To Reset Skip:**

- 1.Manually pull the skip back into the machine.
- 2.The locking catch will automatically engage.

**Note:** Check that the locking catch has engaged before moving off.

**ATTENTION**

- Be sure to read the instruction manual before use or maintenance of the machine.
- Discard any unauthorized person, inexperienced or not trained in the use of this machine.
- Before use, check that all protective and safety devices are operational.
- Check that the engine is off and the spark plug wire is disconnected before working on the machine or contact with a mobile element.
- Never leave the machine running unattended.
- Always stop the engine when you leave the workstation.
- Always let the engine cool before refueling or oil.

**MAINTENANCE NEEDED EVERY WEEK PROLONGED OR AFTER EACH USE**

- CLEAN MACHINE
- ADJUST THE BELT TENSION UNDER INSTRUCTION MANUAL
- CHECK TYRE PRESSURE (PSI 30-2 bar)
- CHECK AND CLEAN THE AIR FILTER
- CHECK THE LUBRICATION POINTS



# 4WD CHAIN DRIVE

① Handle  
② Adjustment  
③ Holes

Handle ①  
Adjustment ②  
Holes ③

**MAX LOAD**  
**250 kilos**

**STOP**

**RUN**

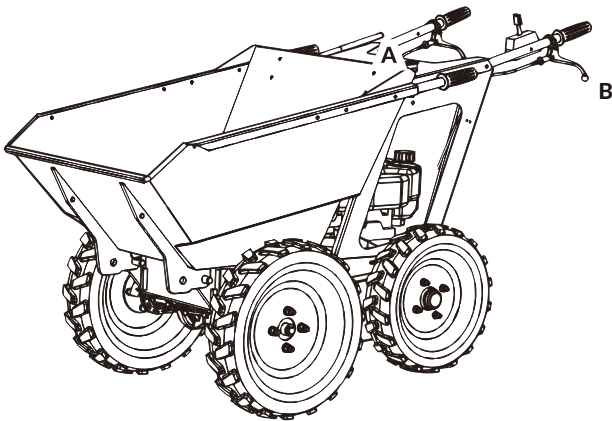
**WARNING: OPERATE THE STEERING LEVERS ONLY AT A REDUCED SPEED**

**L<sub>WA</sub>**  
**97 dB**

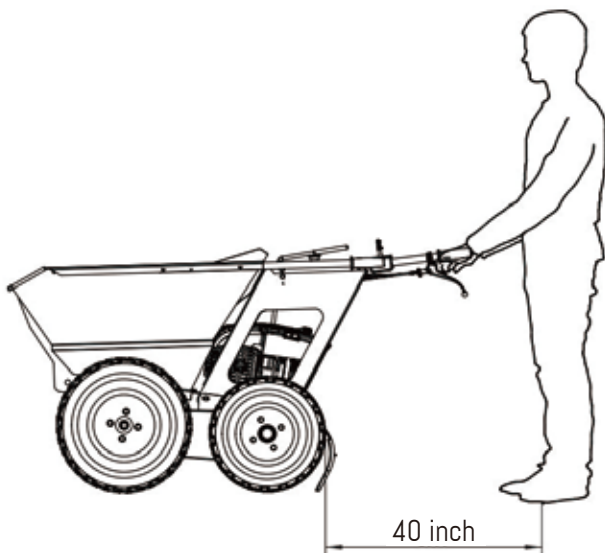
## SAFETY

### SAFETY

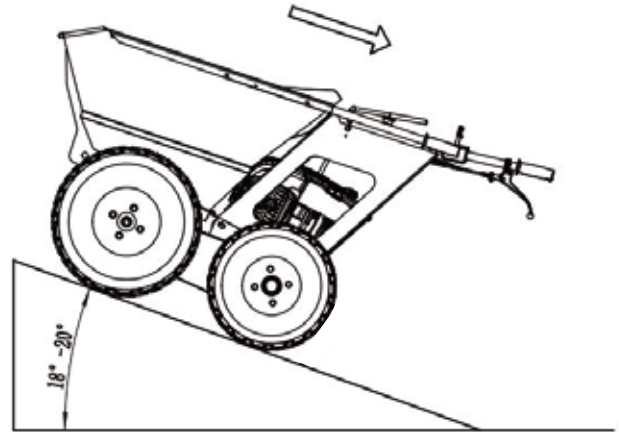
1. No loading with corrosive, toxic objects; No overloading (rated load 660 lb); No carrying people
2. During the course of operation, any emergency, please release brake handle(B) on left hand immediately, then press emergency stop switch(A) quickly



3. During working, people should stand in the middle of the two handles, and keep a certain space from engaged wheel, so that avoid injuries of foot touching engaged wheel during walking.



4. When the gradient of 18-20°, and running downgrade under rated load, only running backward is allowed to prevent overturning accidents.



5. There is some vibration and noise when working. If work for a long-term continuous, please wear appropriate ear-protector, so as not to cause hearing damage. There would be some harmful emissions gas when start gasoline engine.
6. Before loading, machine should be placed in flat place. No overloading (rated load 660 lb). When loading scattered granular objects, please loading averagely. Not allow filling to one side, so as to avoid overturning. When loading solid or larger than volume of bucket, it should be tied up firmly
7. When machine is working, any part of your body don't touch the surface or gap between tire and machine body, so as to avoid body injury
8. When working or unloading, please confirm there is no people in the front or side of machine. Also obstructions of easy collision and friction are not allowed.
9. Not allowed running or unloading in the soft muddy road, so as to avoid quagmire and overturning Don't work in slippery road to avoid danger out of control.
10. Not allowed running or working in the place with fireworks to prevent fires. If body of machine is on fire, please use dry powder fire extinguisher.
11. Don't working under tire pressure below the rated pressure (drive wheel: 25-30 psi, engaged wheel 25-30 psi, transition wheel: 10-15 psi) and tire burst, otherwise it will cause danger to people and affect useful-time of machine.

#### 12. Adding gasoline

- a. close engine, let engine cooling for two minutes at least, then remove fuel tank cover.
- b. Inspect gasoline in outdoors or in well-ventilated area.
- c. do not make gasoline spill.
- d. check equipment which easy to crack or leak, such as tubing, fuel tanks, fuel tank cover. If necessary, replace easy-damaged parts.

#### 13. Starting engine

- a. ensure spark plug, muffler, air filter of fuel cover to a normal position.
- b. do not start engine by rotating crankshaft under spark plug removed.
- c. If gasoline overflows, please wait its volatilization and then restart.
- d. If gasoline comes into engine, please set choke as OPEN/RUN, and air throttle as FAST, then rotating crankshaft till engine started.

#### 14. Operating equipment

Do not block carburetor prevent engine stop working

#### 15. Transit equipment

Please confirm no gasoline in oil tank.

16. Store gasoline or equipment under the condition of oil tank without gasoline. Keep gasoline or equipment far away from melting pot, stove, water heater or other pilot flame even fire source, because they may ignite gasoline vapour.

17. There may be spark phenomenon when start engine. When start engine, flammable gas nearby may be ignited and cause an explosion or fire. If there is leakage of natural gas or liquefied petroleum gas, do not start engine there.

18. When start engine, please pull start rope slowly before feeling resistance, then pull start rope quickly. If take start rope back too quickly (rebound), there may lead to your arm towards to engine and can't release rope in time, then resulting in bone fragmentation, fracture, bruise or sprain.

19. Don't start or operate engine in a closed area, even if the window is open. When start engine, it releases carbon monoxide that is colorless, odorless toxic gas. Inbreathing carbon monoxide may lead to nausea, syncope or even death.

20. Touch engine just after cooling of muffler, engine cylinder and heat sink and clear flammable materials accumulated in cylinder near muffler region. Engine under working can emanate heat especially muffler's temperature is very high. Touching with parts with high temperature will lead to serious thermal burns. Debris objects like leave, grass, brush and others will be easy to get fire.

## MACHINE OPERATING

### PRE-START CHECK LIST & PROCEDURES

A new engine is shipped without oil. You must add the correct amount of oil to engine crankcase otherwise the engine will be damaged beyond repair. (Note: #92 gasoline fuel and 10w-30 engine oil.)

Before starting the engine, you have to complete the following procedures:

1. Checking Controls.
2. Checking Tipping Bucket.
3. Checking Bucket Catch Lever.
4. Checking Belts and Tires.
5. Checking/Adding Oil.
6. Filling mini dumper Gasoline Tank.
7. Inspecting Fuel System for Leaks.
8. Wearing Personal Protection.
9. Clearing Area of People and Objects.
10. Working During the day or above 500 lux in lighting conditions.

### CHECK CONTROLS

All guards are in place and tight. Operator presence bar switch is free moving. Inspect tires and rims for looseness, damage, and tire inflation.

### CHECK TIPPING BUCKET&BUCKET CATCH LEVER

Inspect tipping bucket for tightness and the bucket catch lever can work normally. Only use factory-approved parts for repair.

### CHECKING BELTS AND TIRES

Check the tension of the belts and check the tire pressure.

### CHECK/ADD OIL

Check the oil level using the dipstick and add oil as needed. Using a funnel, add oil up to the FULL mark on the dipstick with the recommended oil type for your engine and expected ambient conditions. (See engine Owner's Manual for oil type and capacity, and more detailed oil check/fill instructions).



**WARNING: Burn Hazard**  
**Never open oil fill port while engine is running.**  
**Hot oil can spray over face and body.**

### FILL MINI DUMPER GASOLINE TANK

Check the gasoline level in the engine's fuel tank. If needed, fill tank with fresh unleaded gasoline from a portable container, after first reading the warnings and instruction below.

- DO NOT fill the gas tank to the top. Gasoline may spill when operating on a slope.
- DO NOT overfill the gasoline tank. Allow at least 1" of empty space below the fill neck to allow for fuel expansion.

#92 gasoline fuel and 10w-30 engine oil



**WARNING: Gasoline fire/explosion hazard**

Gasoline is highly flammable and explosive. Heat, sparks and flames can ignite gasoline vapors, which can become widespread during fueling. A flash fire ignition and/or explosion could result and cause serious injury or death. The following conditions could result in gasoline ignition/explosion:

Gas vapor collection inside enclosures.

Static electric sparks.

Sparks from electric wiring or running engines.

Sources of heat (such as a hot engine or exhaust).

### INSPECT FUEL SYSTEM/CHECK FOR LEAKS

Inspect fuel system & check for leaks BEFORE starting dumper.



**WARNING: Fuel leak hazard**

A leaking fuel line no matter how small can be the source of a fire or explosion when starting or operating the engine.

Inspect the entire fuel system. Look for: Signs of leaks or deterioration, chafed or spongy fuel hose, loose connections, loose or missing fuel hose clamps, damaged gasoline tank, or defective gasoline shut-off valve

If dumper is in an enclosed area and you smell gas, DO NOT start engine! DO NOT light a match. DO NOT flip on an electrical switch.

Exit area immediately leaving doors open and call fire department.

## PERSONAL PROTECTION

Use approved protective clothing and approved protective equipment when using the machine.

Always wear safety shoes and a full-face shield.

The use of ear plugs or other hearing protection device is also recommended for persons working longer than a few minutes. Hearing can be damaged from prolonged, close-range exposure to the type of noise produced by this dumper

Remarks: Ear noise and vibration values

Wear long pants to protect legs from sparks and hot engine.

Never wear jewelry or loose-fitting clothing when starting or operating the dumper or any mechanical device. Loose or dangling apparel, jewelry or hair can become entangled in moving parts.

Neither the machine as a whole nor its internal components are intended for use in potential explosive atmospheres.

## CLEAR AREA

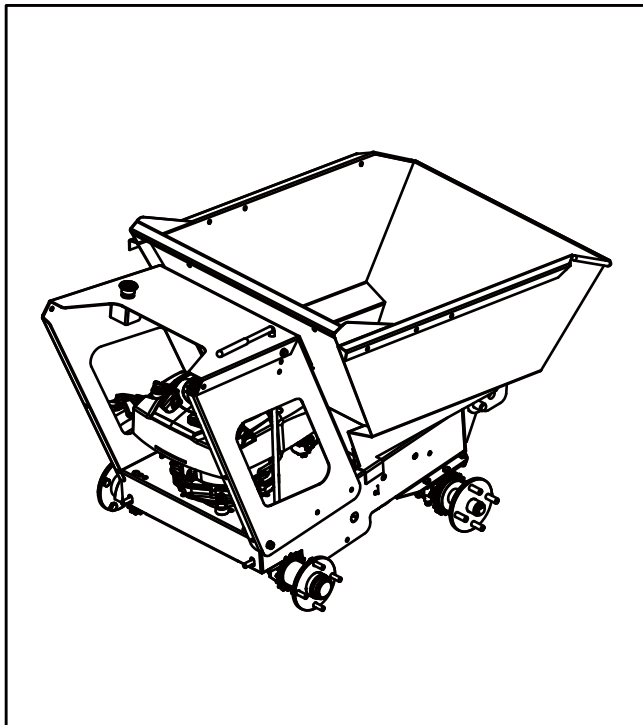
Move away barrier that may interfere with your work.

## WORKING DURING DAYLIGHT HOURS

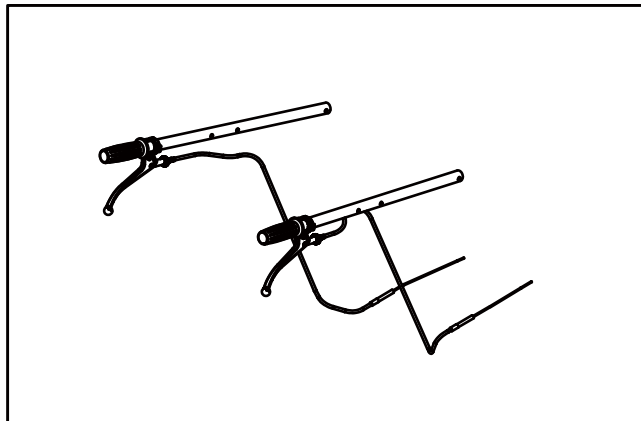
Only use the machine in daylight or illuminance above 500lux. Never operate the dumper after dark.

## CONTENTS SUPPLIED

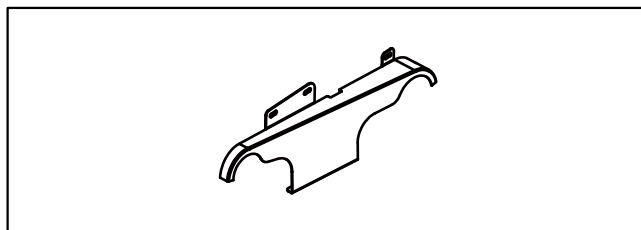
Your Mini Dumper comes partially assembled and contains the following:



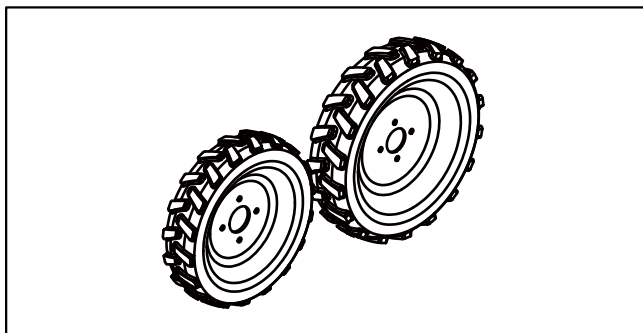
**1x**      **Main Frame**



**1x**      **Handle Bar**



**2x**      **Chain Guard**



**2x**      **Wheels**

Verify all component and hardware quantities are correct prior to assembling the Mini Dumper.

## ASSEMBLY

### Chain Guard

Remove the three bolts, install the chain guard, and tighten the bolts. (See Figure 1)

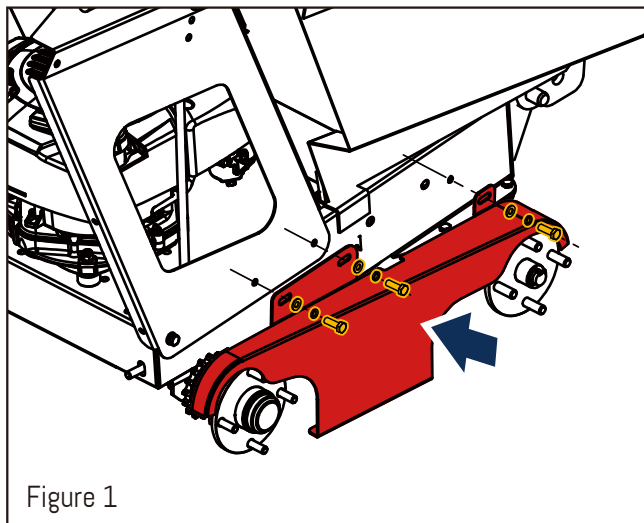


Figure 1

6X Spring washer 8

6X Hex bolt M8 X 25mm

6X Flat washer 8



8X Hex lock nut M12

8X Spring washer 12

8X Flat washer 12



### Handle Bar

Position the handle bars as shown in the picture, and tighten the bolts securely. (See Figure 3)

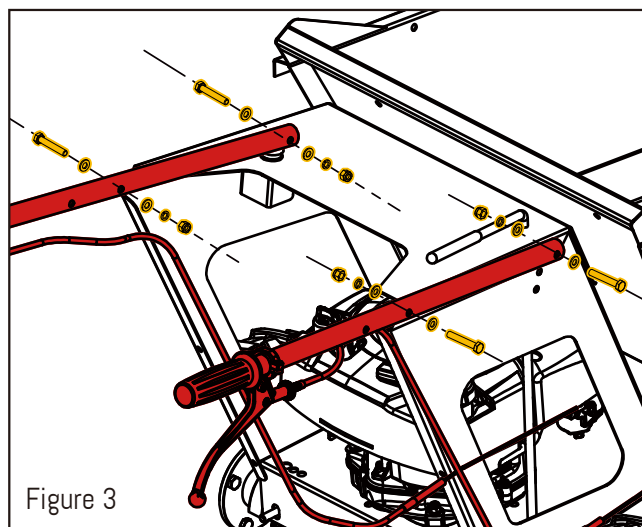


Figure 3

4X Hex bolt M8 X 50mm

8X Flat washer 8

4X Spring washer 8



### Wheels

Mount the 4.00-8 tires on the rear wheels and the 4.00-10 tires on the front wheels. Tighten all bolts securely. (See Figure 2)

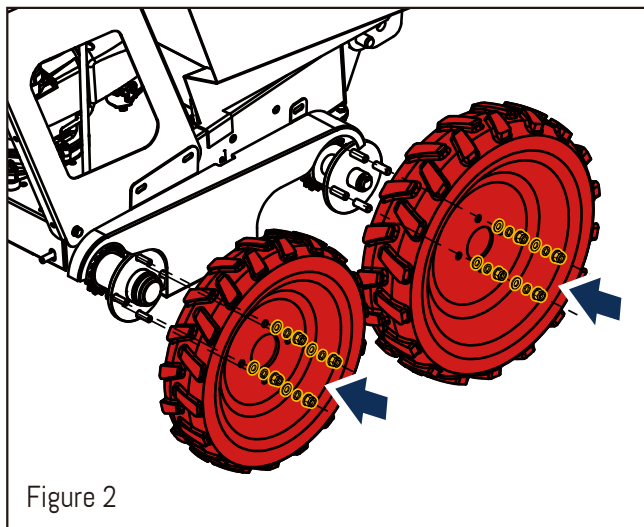


Figure 2

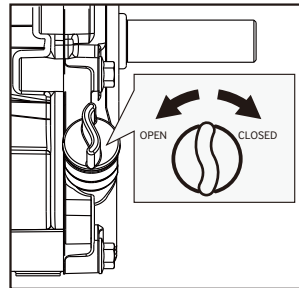
## OPERATING



**The engine is shipped without oil. Do not start the engine before adding oil.**

### ADD OIL TO ENGINE

1. Make sure the chipper shredder is on a flat, level surface.
2. Remove the oil fill cap/dipstick to add oil.



3. Using a funnel, add oil up to the FULL mark on the dipstick. (See engine manual for oil capacity, oil recommendation, and location of fill cap.).



**DO NOT OVERFILL. Check engine oil level daily and add as needed.**

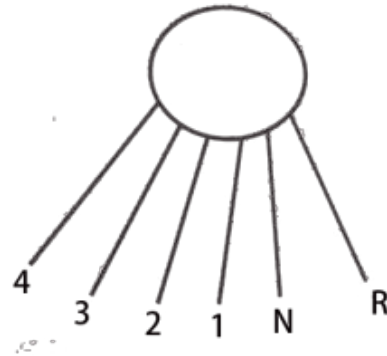
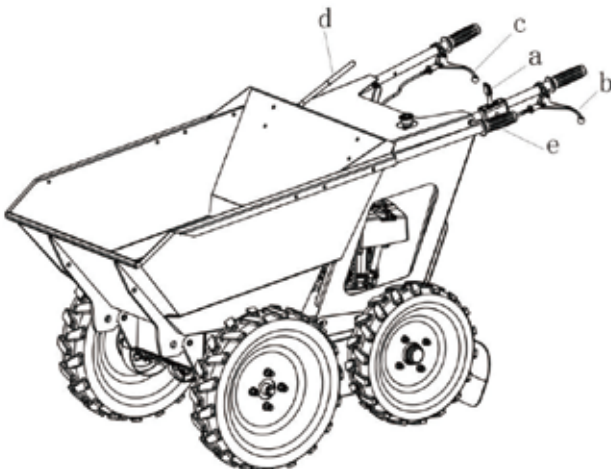
### TO START

Fill tank with unleaded gasoline.

Set machine on firm ground and check oil levels.

To Start the engine, push the throttle lever(a) fully backward to engage the choke. Check if the emergency button is released.

Move throttle lever(a) forwards slightly to disengage the choke and set the engine speed to fast. Allow the engine to warm up.



### NOTE:

For additional engine starting instructions see your gasoline engine manual.

### TO EMPTY SKIP

Disengage the skip release lever(c) with right hand.

Lift up the tipping bucket handle(e) with left hand to dump the load.

### TO RESET SKIP

Manually pull the skip back into the machine.

The locking catch will automatically engage.

### TO STOP

Release the clutch lever(b).

Push the throttle lever(a) fully backward to power off the engine.

Emergency Stop: press the Emergency Button(Red Button) to stop engine when emergency.

### NOTE:

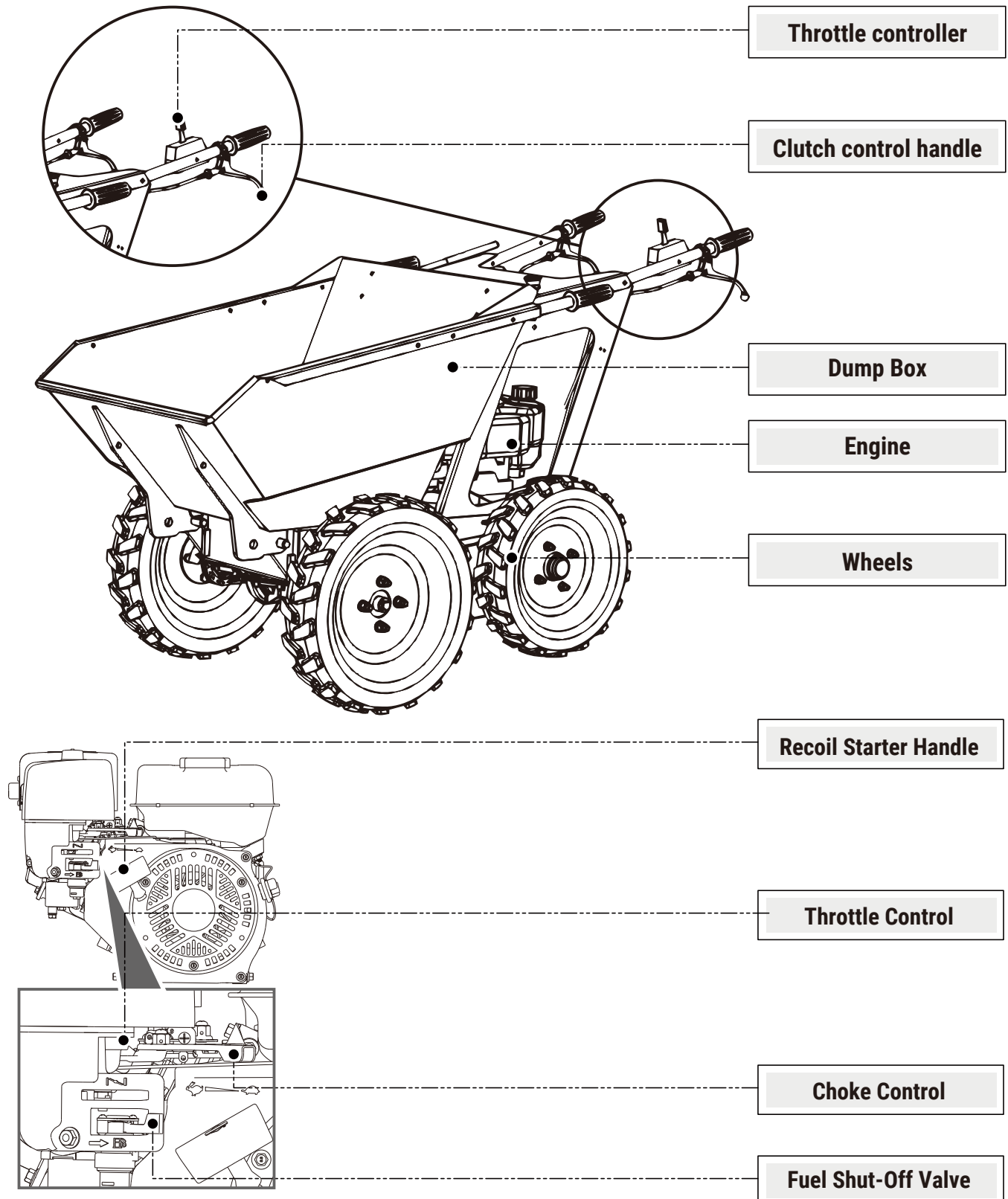
After engine power off, please release the emergency button(Turn it as the direction show on the button).



**The engine is shipped without oil. Do not start the engine before adding oil.**

## KNOW YOUR MACHINE

### FEATURES AND CONTROLS

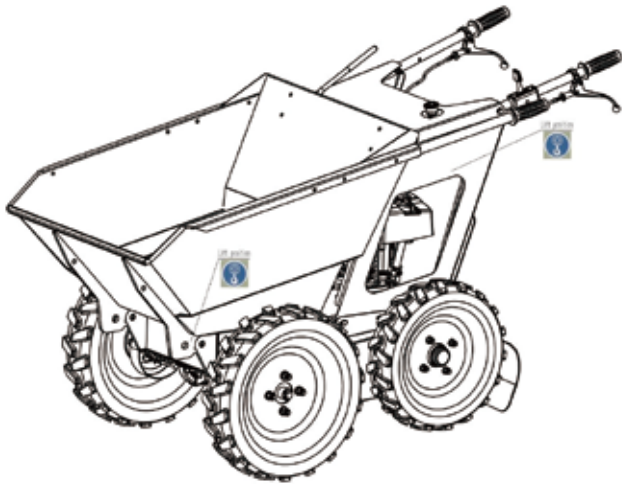


## TRANSPORTING & STORING

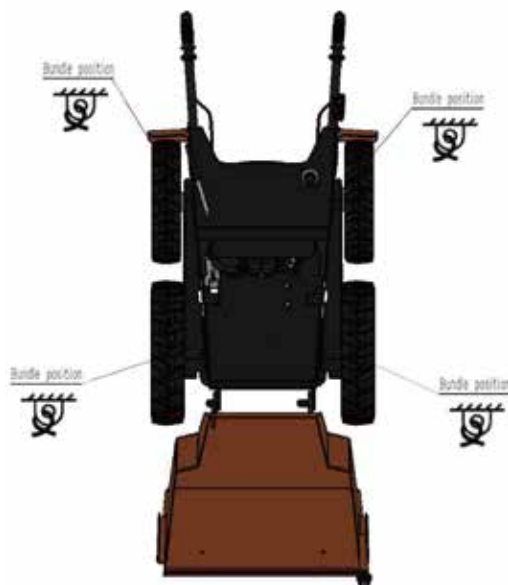
### TRANSPORTING

The mini dumper is designed to be transported via a van or small trailer. The machine is equipped with grab bars that are to be used for both lifting the machine, and strapping it down. This machine weighs approximately 291 lb and should only be lifted using correct apparatus.

1. When the mini dumper is packaged in the plywood case, we can carry machine by forklift.
2. Without package, we can lift the machine at the point of lift label shown.
3. Tie the machine at the point of tying label when transport for long distance to keep the machine stable.



Remark: Please note there are two more lifting labels at the same position on the other side.



Note: There are legal road requirements for transiting mini machines. It is the owner's responsibility to be aware of these laws and to adhere to them.

### STORING

- 1) Cool engine before storage.
- 2) Clean the dumper.
- 3) Inspect for worn or damaged parts.
- 4) Choose covered storage location.
- 5) Prevent accidental starting.
- 6) Plan on exercising the engine at least monthly unless the dumper is prepared for long term storage

### COOL ENGINE

Let engine cool for at least 30 minutes before storing. A hot engine can be a fire hazard.

### CLEAN DUMPER

Clean all grease, dirt, mud and other foreign matter from the machine. Touch up paint damage to prevent rust.

### INSPECT DUMPER

Inspect the machine for worn or damaged parts and Pay particular attention to the tipping bucket. Tighten any nuts or screws that may have become loose.

### CHOOSE A STORAGE LOCATION

Store the dumper in a location that is:

Clean and dry.

Away from sources of heat, open flames, sparks, or pilot lights, even if the dumper's gas tank is empty. Residual gasoline could ignite.

Away from extreme high or low temperatures.

Cover it for extra protection.

### REMOVE SPARK PLUG

Remove spark plug, in order to ensure the dumper cannot be started in a storage location or untrained persons or children.

### START THE DUMPER EVERY 4 WEEKS.

The dumper should be started regularly. At least every 4 weeks, start the engine and let it run for 10 to 15 minutes.

Monthly exercising of the dumper will dry out any moisture that has accumulated, lubricate cylinders, and clean out old gas in the carburetor. Moisture, old gas, and dry mechanical parts cause deterioration in stored engines.

## PREPARE ENGINE FOR LONG-TERM (SEASONAL) STORAGE IF NEEDED

### Prepare Engine for Long-Term Storage

If the dumper cannot be started regularly, the engine must be prepared for long-term storage to prevent gum deposits and engine malfunction.

#### To prepare the engine for long-term storage:

- Option 1: Remove all gasoline from the tank and carburetor.
- Option 2: Add a fuel stabilizer to the gasoline, following the manufacturer's instructions.

#### Fuel Stabilizer Procedure:

- 1.Fill the gas tank completely.
- 2.Add the recommended amount of fuel stabilizer.
- 3.Run the engine for at least 10 minutes to allow the stabilizer to circulate through the fuel system.
- 4.Shut off the engine.
- 5.Disconnect the spark plug wire and remove the spark plug.
- 6.Add one teaspoon of oil through the spark plug hole.
- 7.Place a rag over the spark plug hole and turn the starter (or pull the recoil) a few times to lubricate the combustion chamber.
- 8.Reinstall the spark plug, but do not reconnect the spark plug wire.



**WARNING: Gasoline fire / explosion hazard**

#### Warning: Gasoline is highly flammable and explosive.

- Drain the fuel into an approved container outdoors, far away from open flames.
- Never store an engine with fuel in the tank indoors or in poorly ventilated areas where fuel vapor could contact:
  - Static electricity sparks
  - Sparks from electric wiring, batteries, or running engines
  - Sources of heat, such as a hot engine or exhaust
  - Open flames, including pilot lights



**ALWAYS shut off the engine, make sure the engine is cool, and disconnect the spark plug before cleaning, adjusting, or servicing the dumper. Make sure all guards and shields are replaced before using.**

## MAINTENANCE

### REGULAR MAINTENANCE

Maintenance of gasoline engine see gasoline engine manual.

Inspecting mini dumper routinely will ensure unnecessary trouble, reduce damnification and save working time. The following is periodic table for part needing inspection and maintenance after use.

| Name             | Daily | Weekly |
|------------------|-------|--------|
| Extension Spring | ✓     |        |
| Belt Tension     | ✓     |        |
| Brake Adjustment | ✓     |        |
| Control Rope     | ✓     |        |
| Air Filters      | ✓     |        |
| Tyre Pressure    |       | ✓      |
| All Bolt&Nut     |       | ✓      |
| Chain            |       | ✓      |
| Clean            | ✓     |        |

During inspection and maintenance, replace any parts that meet the following conditions:

|                    |                           |
|--------------------|---------------------------|
| Extension Spring   | Spring relaxant           |
| Belt               | Worn badly, relaxant      |
| Tire               | Stripe worn badly, deform |
| Control Rope       | Partly rupture            |
| Accelerator Switch | Malfunction, damage       |

#### NOTE:

If a part requires replacement, use only parts that meet the manufacturer's specifications. Parts that do not meet these specifications may create safety hazards or impair the proper operation of the dumper.

### PARTIAL ADJUSTMENT

Adjusting the Bucket Control Rope

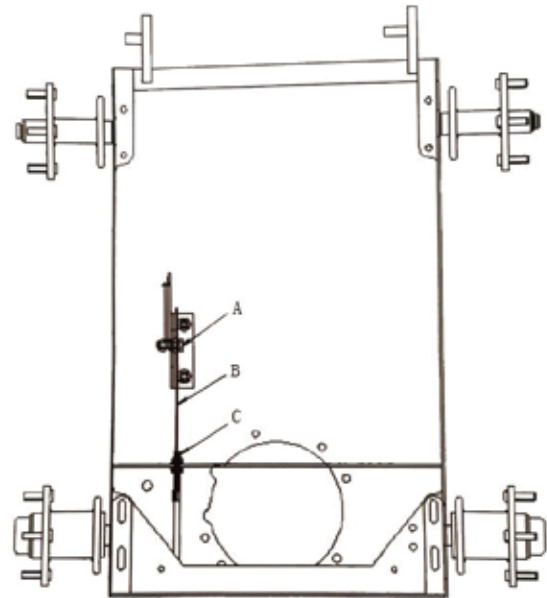
Loosen the bolt at A.

Pull up and tighten the control rope at B.

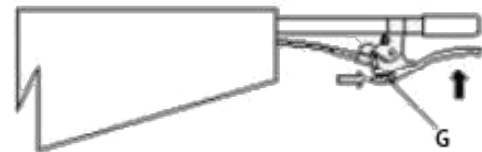
Tighten the bolt at A.

Loosen the nut at C counterclockwise by 0.12–0.2 in.

Re-tighten the nut at C.



Adjusting relaxation or drop of belt  
Hang brake handle to inverted tooth (G)



Adjusting / Installing the Belt

Loosen the nut and retaining ring from the belt (E).

Fully seat the belt onto the pulley (B).

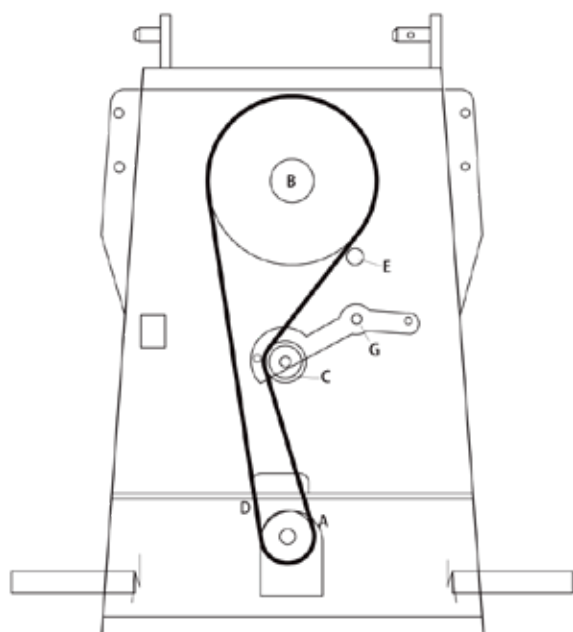
Pull the tension gear upward (C).

Route the belt through the middle baffle (D), ensuring it is positioned 0.2 in ( $\approx 5$  mm) forward from both left and right edges.

Pull the control rope upward (F) and tighten it.

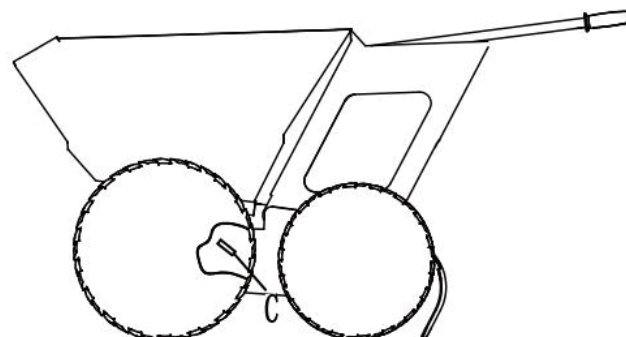
Finally, tighten the nut at (F).

Tighten retaining right of nut (E)

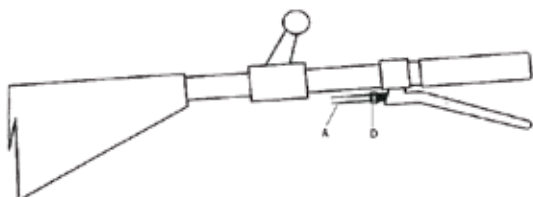


### Adjusting stop brake

Rotate nut C counterclockwise to tighten brake (once each month)



Belt outside adjustment: Loosen the nut B, rotate A counterclockwise to tighten control rope.

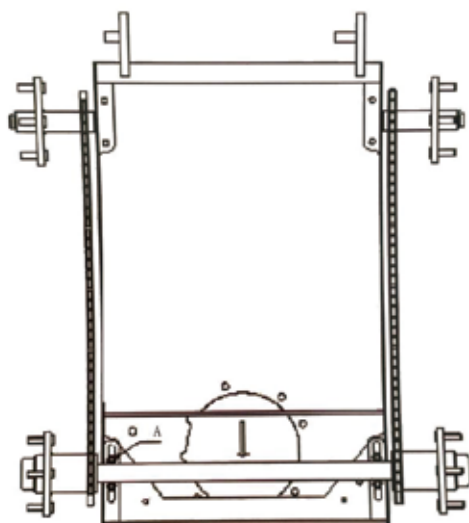


### Adjusting chain

Loosen nut (A).

According to picture strain.

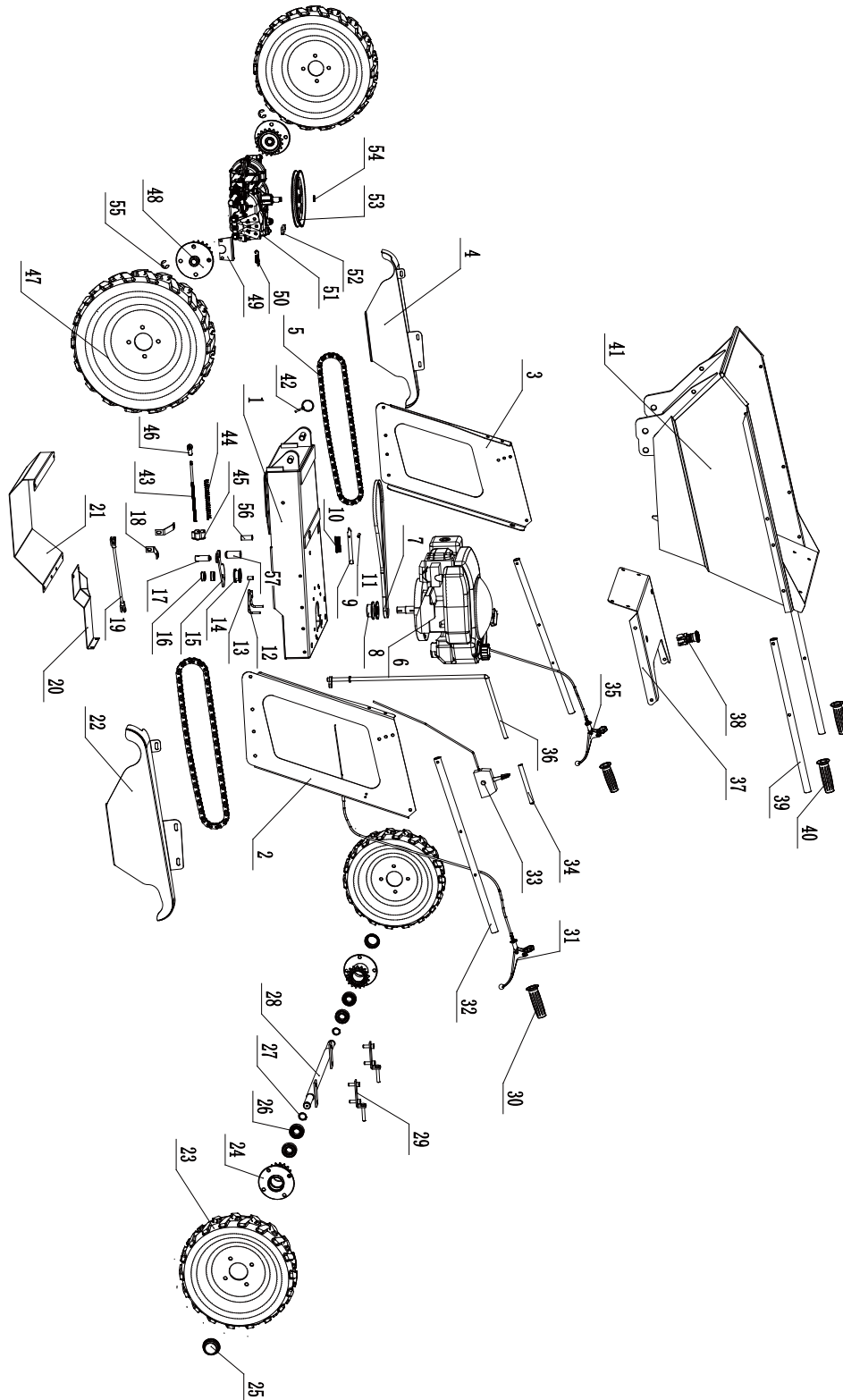
Tighten retaining ring of nut (A).



## TROUBLESHOOTING

| Problem                                        | Cause                                                                                                                                                                                                                                                                                              | Remedy                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engine fails to start                          | <ol style="list-style-type: none"><li>1. Spark plug wire disconnected.</li><li>2. Out of fuel or stale fuel.</li><li>3. Choke not in open position.</li><li>4. Blocked fuel line.</li><li>5. Fouled spark plug.</li><li>6. Engine flooding.</li></ol>                                              | <ol style="list-style-type: none"><li>1. Attach spark plug wire securely to spark plug.</li><li>2. Fill with clean, fresh gasoline.</li><li>3. Throttle must be positioned at choke for a cold start.</li><li>4. Clean the fuel line.</li><li>5. Clean, adjust gap, or replace.</li><li>6. Wait a few minutes to restart, but do not prime.</li></ol> |
| Engine runs erratically.                       | <ol style="list-style-type: none"><li>1. Spark plug wire loose.</li><li>2. Unit running on CHOKE.</li><li>3. Blocked fuel line or stale fuel.</li><li>4. Vent plugged.</li><li>5. Water or dirt in fuel system.</li><li>6. Dirty air cleaner.</li><li>7. Improper carburetor adjustment.</li></ol> | <ol style="list-style-type: none"><li>1. Connect and tighten spark plug wire.</li><li>2. Move choke lever to OFF.</li><li>3. Clean fuel line. Fill tank with clean, fresh gasoline.</li><li>4. Clear vent.</li><li>5. Drain fuel tank. Refill with fresh fuel.</li><li>6. Clean or replace air cleaner.</li><li>7. Refer to Engine Manual.</li></ol>  |
| Engine overheats                               | <ol style="list-style-type: none"><li>1. Engine oil level low.</li><li>2. Dirty air cleaner.</li><li>3. Air flow restricted.</li><li>4. Carburetor not adjusted properly.</li></ol>                                                                                                                | <ol style="list-style-type: none"><li>1. Fill crankcase with proper oil.</li><li>2. Clean air cleaner.</li><li>3. Remove housing and clean.</li><li>4. Refer to Engine Manual.</li></ol>                                                                                                                                                              |
| Machine does not move while engine is running. | <ol style="list-style-type: none"><li>1. Gear is not properly selected.</li><li>2. Drive belt not tight enough.</li></ol>                                                                                                                                                                          | <ol style="list-style-type: none"><li>1. Ensure gear lever is not in-between two different gears.</li><li>2. Tighten drive belt.</li></ol>                                                                                                                                                                                                            |

## PARTS DIAGRAM



## Parts List

| Item | Description             | Qty | Item | Description             | Qty |
|------|-------------------------|-----|------|-------------------------|-----|
| 1    | Chassis                 | 1   | 34   | Shift lever grip        | 1   |
| 2    | Left mounting plate     | 1   | 35   | Bucket control handle   | 1   |
| 3    | Right mounting plate    | 1   | 36   | Shift lever             | 1   |
| 4    | Right chain guard plate | 1   | 37   | Control console         | 1   |
| 5    | Chain                   | 2   | 38   | Emergency stop button   | 1   |
| 6    | DV 196 engine 5.5HP     | 1   | 39   | Bucket push rod         | 2   |
| 7    | Kevlar belt 13x1219LI   | 1   | 40   | Handlebar grip          | 2   |
| 8    | Engine pulley           | 1   | 41   | Bucket                  | 1   |
| 9    | Bucket pin              | 1   | 42   | Bayonet                 | 1   |
| 10   | Spring                  | 1   | 43   | Clutch control lever    | 1   |
| 11   | Elastic cylindrical pin | 1   | 44   | Spring                  | 1   |
| 12   | Belt position limiter   | 1   | 45   | M8 nut                  | 1   |
| 13   | Shaft sleeve            | 1   | 46   | M8 ball head joint      | 1   |
| 14   | Tension wheel           | 1   | 47   | 4.00-10 tire            | 2   |
| 15   | Belt mounting plate     | 1   | 48   | Front sprocket assembly | 2   |
| 16   | Bearing                 | 2   | 49   | Brake limit plate       | 1   |
| 17   | Belt adjustment         | 1   | 50   | Brake return spring     | 1   |
| 18   | Transaxle support plate | 2   | 51   | Transaxle               | 1   |
| 19   | Shift connection rod    | 1   | 52   | Paddle shift            | 1   |
| 20   | Rear backplate          | 1   | 53   | Drive pulley            | 1   |
| 21   | Front backplate         | 1   | 54   | Elastic collar          | 1   |
| 22   | Left chain guard plate  | 1   | 55   | Split washer            | 2   |
| 23   | 4.00-8 tire             | 2   | 56   | Belt limit sleeve       | 1   |
| 24   | Rear sprocket assembly  | 2   | 57   | Locating sleeve         | 1   |
| 25   | Wheel bearing cover     | 2   |      |                         |     |
| 26   | Bearing                 | 4   |      |                         |     |
| 27   | Elastic collar          | 2   |      |                         |     |
| 28   | Rear axle               | 1   |      |                         |     |
| 29   | Chain adjustment plate  | 2   |      |                         |     |
| 30   | Handlebar grip          | 2   |      |                         |     |
| 31   | Clutch control handle   | 1   |      |                         |     |
| 32   | Push rod                | 2   |      |                         |     |
| 33   | Throttle controller     | 1   |      |                         |     |

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