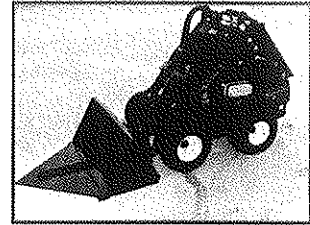
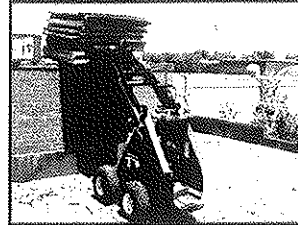
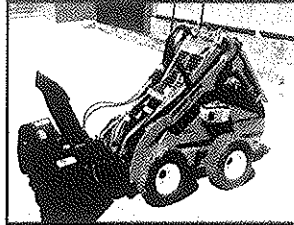
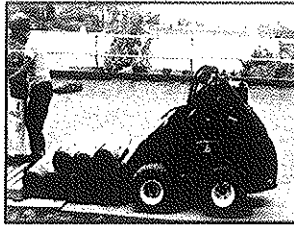


LABOUR \$AVER



OPERATOR'S MANUAL 550T & 750T



Ramrod Equipment
(A Division of Leon's Mfg. Company Inc.)
Box 5002 - 135 York Road East
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Visit www.ramrodequip.com

INTRODUCTION

TO OUR CUSTOMER:

RAMROD EQUIPMENT CORPORATION are pleased that you have chosen a **RAMROD MINI SKID**. This loader is a simple, compact power source designed and manufactured to give you years of dependable service.

Read this Manual carefully before operating the loader. It contains the necessary information for safe and proper operating, routine servicing and preventive maintenance.

We also recommend that you carefully read the Engine Manufacturer's Manual before operating the loader. Do not neglect the maintenance that is recommended.

The reference to right-hand and left-hand used throughout this Manual refers to the position when operating the machine, facing forward.

For any additional information required, please refer to your **RAMROD** Dealer.

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I. SAFETY

OPERATE LOADER SAFELY

IMPROPER OPERATION OF THIS LOADER MAY RESULT IN SERIOUS INJURY. BEFORE OPERATING THIS LOADER, OPERATORS MUST HAVE PROPER INSTRUCTIONS, BE FAMILIAR WITH THE SAFETY PRECAUTIONS, AND HAVE READ THIS AND THE ENGINE MANUFACTURER'S MANUAL THOROUGHLY.

THIS SAFETY ALERT SYMBOL
POINTS OUR IMPORTANT
SAFETY PRECAUTIONS.



OPERATORS MUST UNDERSTAND CAPABILITIES AND LIMITATIONS OF THE EQUIPMENT, WITH RESPECT TO SPEED, BRAKING, STEERING, STABILITY AND LOAD CHARACTERISTICS BEFORE STARTING TO OPERATE.

NEW OPERATORS MUST CHECK ALL CONTROLS IN A SAFE, OPEN AREA BEFORE STARTING WORK.



WARNING

*This Decal Advises Of Actions Or
Danger Which Can Cause Personal
Injury.*

IMPORTANT

*This Decal Identifies Procedures
Which Must Be Followed To Prevent
Damage To The Loader.*

SAFETY PRECAUTIONS



READ YOUR OWNER'S MANUAL AND ALL SUPPLEMENTS BEFORE OPERATING YOUR MINI LOADER.



WHEN LEARNING TO OPERATE, PROCEED SLOWLY AND CAREFULLY.



WEAR CLOSE FITTING PROTECTIVE CLOTHING AND SHOES.



DO NOT PLACE FEET UNDER THE PLATFORM.



























DO NOT OPERATE ANY OF THE CONTROL LEVERS INCLUDING AUXILIARY POWER TAKE-OFF UNLESS YOU ARE STANDING WITH BOTH FEET ON THE PLATFORM AND FIRMLY HOLDING THE GRIP HANDLES.



DO NOT JERK THE CONTROL LEVERS, USE A STEADY EVEN MOTION.

SAFETY

SAFETY PRECAUTIONS - CONTINUED

-  KEEP HANDS, FEET AND CLOTHING AWAY FROM ALL MOVING PARTS AND CYLINDERS.
-  DO NOT RIDE IN BUCKET.
-  DO NOT ALLOW MORE THAN ONE PERSON ON THE LOADER AT ANY TIME.
-  DO NOT ALLOW ANY OTHER PERSON OR ANIMAL CLOSE THE MINI LOADER WHILE IN OPERATION.
-  WATCH FOR OTHER PEOPLE AND EQUIPMENT.
-  KEEP THE BUCKET LOW WHEN TRAVELLING, TURNING OR CHANGING SPEED.
-  TRAVEL SLOWLY OVER ROUGH TERRAIN.
-  BEWARE OF TRENCHES, HOLES, AND SIDE SLOPES.
-  DO NOT DRIVE THE MINI LOADER ACROSS STEEP SLOPES.
-  LOAD, UNLOAD AND TURN AROUND ON FLAT, LEVEL GROUND ONLY.
-  ENSURE ADEQUATE VENTILATION WHEN USING THE MACHINE IN CONFINED SPACES.
-  DO NOT CARRY LOAD WITH ARMS IN A RAISED POSITION. ALWAYS CARRY LOADS CLOSE TO THE GROUND. DO NOT STEP OFF PLATFORM WITH THE LOAD RAISED.
-  TO AVOID FREE-FALL OF LOAD WHEN LOWERING LIFT ARMS, DO NOT PUSH LIFT ARM LEVER FULLY FORWARD.
-  DO NOT EXCEED RATED LOAD CAPACITY.
-  ALWAYS LOWER THE BUCKET AND SHUT OFF THE ENGINE BEFORE LEAVING THE MACHINE.
-  AVOID PARKING ON A SLOPE. IF IT IS NECESSARY, PARK ACROSS THE GRADE, GROUND THE BUCKET AND BLOCK THE WHEELS.
-  WHEN HOOKING UP ATTACHMENTS TO THE MACHINE, CHECK TO BE SURE LOCK PINS ARE FULLY ENGAGED.
-  DO NOT PLACE ANY PART OF THE OPERATOR'S BODY OR ALLOW ANYONE UNDER LOADER ARMS OR ATTACHMENTS.
-  DO NOT REMOVE PROTECTIVE GUARDS ON MACHINE EXCEPT IN THE CASE OF MAINTENANCE.
-  DO NOT LUBRICATE, ADJUST OR REPAIR THE MACHINE WITH THE ENGINE RUNNING.
-  NEVER FUEL A HOT MACHINE.
-  DO NOT SMOKE WHEN FUELING OR OPERATING THE MACHINE.
-  ALWAYS READ THE OWNER'S MANUAL FOR PROCEDURES FOR SERVICING AND MAINTENANCE OF THE MINI LOADER.
-  REMEMBER, **SAFETY FIRST.**

II. CONTROLS

It is necessary to become familiar with the location and purpose of each control before operating the loader.

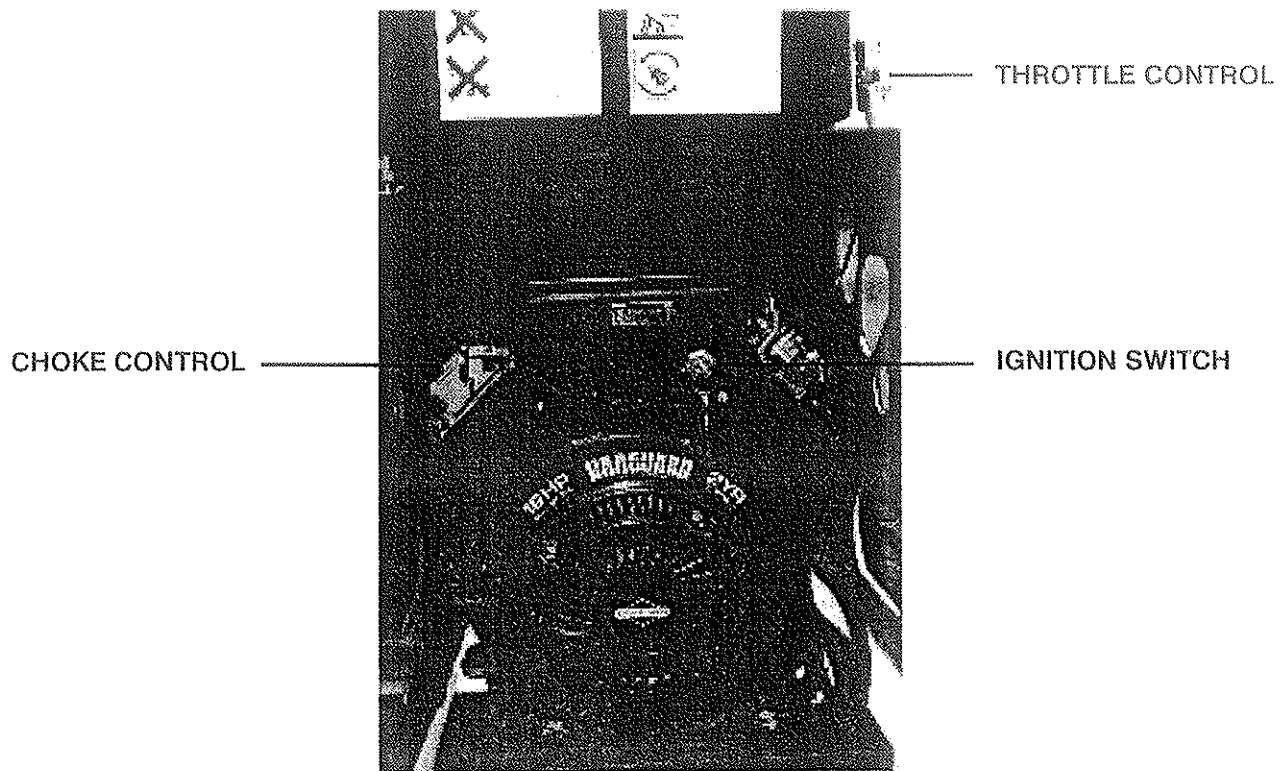


FIGURE 1 - GAS ENGINE CONTROLS

ENGINE CONTROLS - GASOLINE

IGNITION SWITCH - FIGURE 1

The ignition switch is a three position switch. Clockwise from the OFF position are the ON and START position.

THROTTLE CONTROL - FIGURE 1

When the throttle control is set fully up the engine is at idle speed. Pushing the control downward increases the engine speed.

CHOKE CONTROL - FIGURE 1

Pull choke control out to start a cold engine. As the engine warms up push choke control in gradually.

IMPORTANT

*Be Sure Ignition Key Is In Off Position,
Or Even Removed, When The Engine
Is Not Running.*

IMPORTANT

*For Maximum Power While Working
The Engine Should Be Running At Full
Throttle.*

II. CONTROLS

It is necessary to become familiar with the location and purpose of each control before operating the loader.

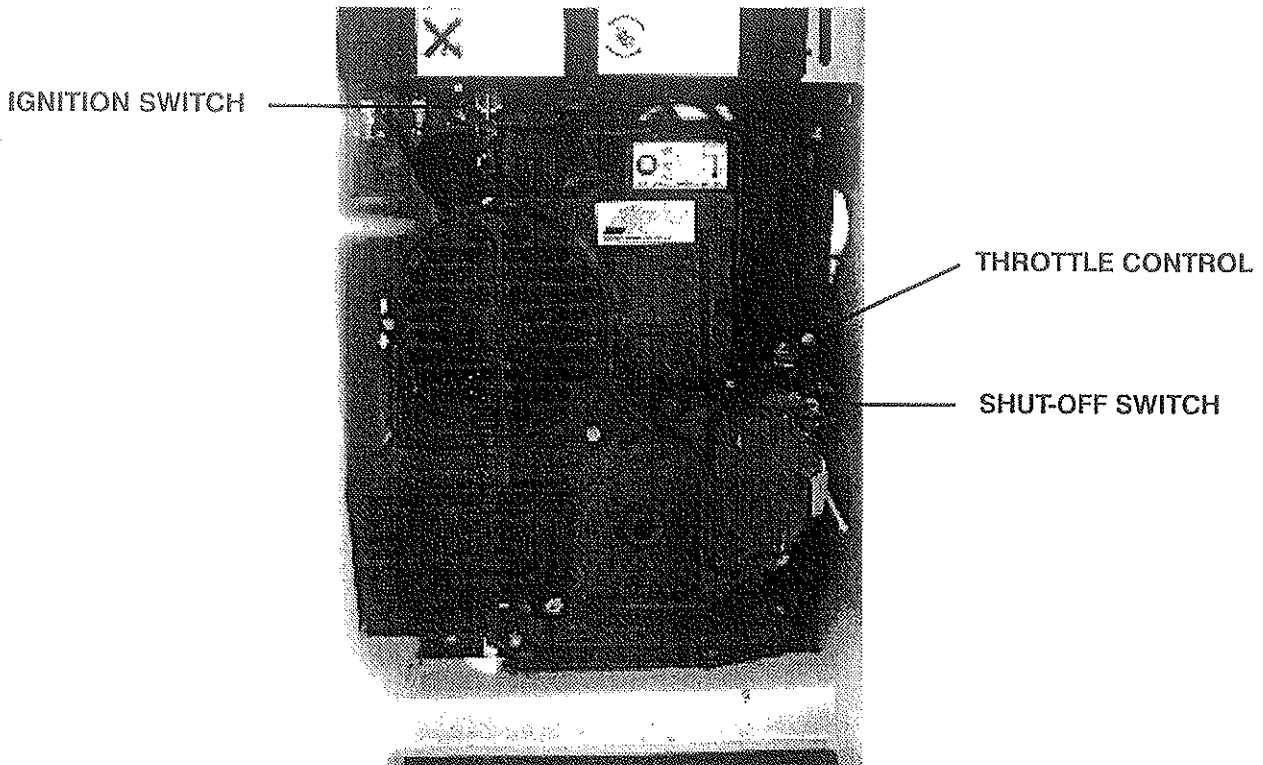


FIGURE 2 - DIESEL ENGINE CONTROLS

ENGINE CONTROLS - DIESEL

IGNITION SWITCH - FIGURE 2

The ignition switch is a three position switch. Clockwise from the OFF position are the ON and START position.

THROTTLE CONTROL - FIGURE 2

When the throttle control is set fully up the engine is at idle speed. Pushing the control sideways increases the engine speed.

FUEL SHUT-OFF - FIGURE 2

Shuts off fuel, pull back to stop and push forward to run.

IMPORTANT

*Be Sure Ignition Key Is In Off Position,
Or Even Removed, When The Engine
Is Not Running.*

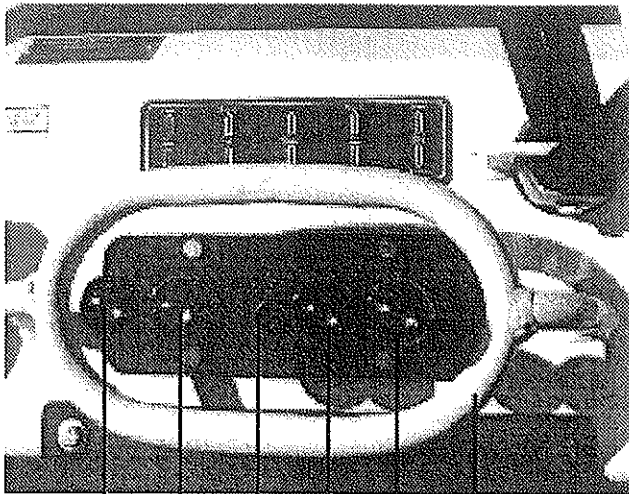
IMPORTANT

*For Maximum Power While Working
The Engine Should Be Running At Full
Throttle.*

CONTROLS

On the top face of the mini loader are four spring centered levers which control the basic mini loader functions. The auxiliary power level (in the center) is for use with powered accessories.

FIGURE 3 - CONTROL PANEL



- 1
- 2
- 3
- 4
- 5
- 6

1. Lift Arm Lever
2. Tilt Lever
3. Auxiliary Lever
4. Left Hand Drive Lever
5. Right Hand Lever
6. Grip Handle

The left hand drive lever controls the wheels on the left hand side and the right hand drive lever controls the wheels on the right hand side.

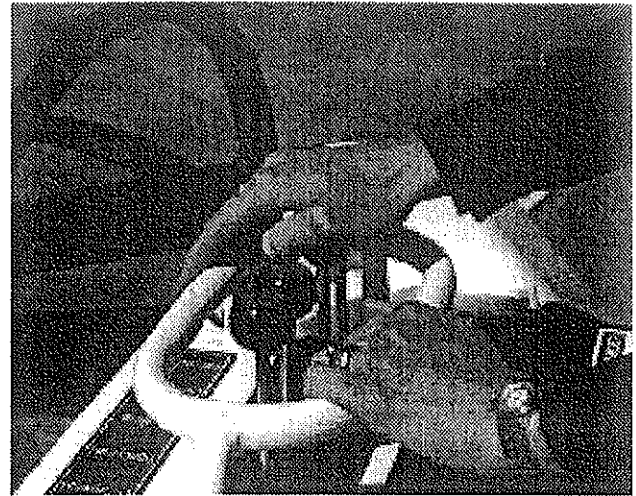
Engage the drive levers slowly because even a small movement of the levers will cause motion. All lever movements should be smooth and gradual. To drive the loader straight forward, move both control levers forward the same amount. To drive the loader straight backward, move control levers back the same amount. The loader is steered by moving one lever further forward than the other. To turn left, move the right lever further ahead than the left lever; to turn right, move the left lever further ahead than the right lever. For the loader to for into a spin-turn, or "Skid Steer", move one lever forward and the other backward the same amount.



WARNING

Do Not Move Any Of The Control Levers Unless Standing With Both Feet On The Platform And Holding The Grip Handles.

FIGURE 4



The "taskmaster" features single-handed steering. For normal operation, the most comfortable hand positions is to operate the two steering levers with the **palm** of the right hand, with the fingers gripping the grip handle. Flexing the fingers will allow forward travel, and simply rotating the palm will allow normal steering. To reverse, slip the palm back to the rear of the grip handle, and use the tips of the fingers to pull the steering levers backwards.

This position will allow for more precise control of the unit. At the same time, the left hand should grip the grip handle for operator stability, but can also be used to operate the tilt and dump functions as required.



WARNING

*Keep **BOTH HANDS** on the grip handle at all times when operating the machine.*



WARNING

Use Extreme Caution When Stopping. If The Bucket Or Attachments Is Raised, The Machine Can Tip. Keep All Movements Smooth. All New Operators Must Work The Machine In A Safe Open Area To Become Familiar With Its Operating Characteristics.

CONTROLS

LIFT CONTROL LEVER - FIGURE 3

The outside control lever located on the left hand side controls the lift. Pushing the lever forward lowers the lift arm and pulling the lever back raised the lift arm. In these two positions, the lever is spring centered to neutral upon release of the lever.

AUXILIARY CONTROL LEVER - FIGURE 3

The auxiliary control lever is located on the top and between the main levers and can be used to control accessory attachments such as; post hole augers, trenchers, rock hammers, etc. Accessory hydraulic hoses are connected to the quick couplers at the front of the machine. Pushing the auxiliary lever ahead puts the attachment in forward motion and pulling it back reverses the motion. The lever is not spring centered and must be returned to neutral manually.

TILT CONTROL LEVER - FIGURE 3

The inside control lever located on the left hand side controls the tilting action of attachments such as buckets, forks, etc. Pulling the lever back tilts the attachment back. The lever is spring centered to neutral upon release.

IMPORTANT

Ensure That The Auxiliary Lever Is Kept In Neutral When Not Being Used To Avoid Wasting Power. Engine Is Difficult To Start If Lever Is Engaged. Hydraulic Oil May Also Overheat.

ATTACHMENT LOCK PINS

ATTACHMENT LOCK PINS

The "Taskmaster" tool bar design allows changing from one attachment to another quickly and easily, without having to remove pins.

Attachments are secured on the unit with two cam-operated, spring loaded pins. Rotating the handles on the pins one-half of a turn moves the pins from the locked to the unlocked position.

To **unlock** attachments, rotate both pins so that their handles are both pointing to the **outside** of the tool bar, as shown in **Figure 5**.

To **lock** attachments, rotate both pins inwards so that both handles are pointing towards the **center** of the machine as shown in **Figure 6**. This will allow the springs to push the pins downwards through the mounting holes in the attachment and secure it to the unit.

LOCK PINS DISENGAGED

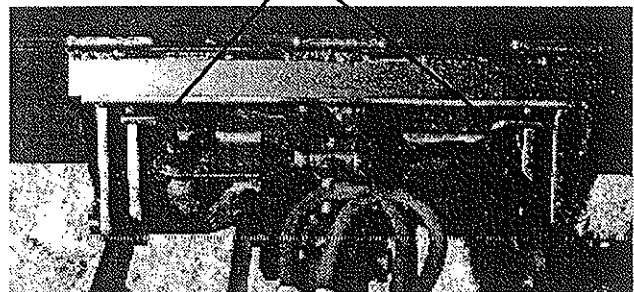


FIGURE 5

LOCK PINS ENGAGED

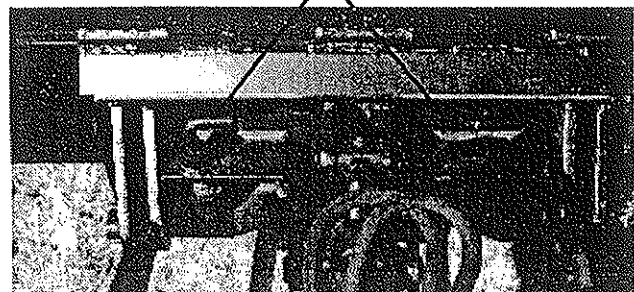


FIGURE 6



WARNING

The design of the quick attach system is such that attachments can be lifted and carried without the lock pins being engaged. Before using any attachment, check to be sure that the lock pins are fully engaged and properly in place. The attachment will fall off when dumped in the lock pins are not engaged, resulting in possible damage or injury.



WARNING

After Hook-Up To Attachment, Check To Be Sure Lock Pins Are Fully Engaged, And Locked Into Position.

III. OPERATION

You can take full advantage of all the features of your **RAMROD Mini Loader** by following the operating information presented here. The loader has been designed to do a lot of work with a minimum of operating fatigue.

PRE-STARTING INSPECTION AND PREPARATION

Before you start the loader for the first time each day, perform the following checks and service:

1. Check engine crankcase oil level.
2. Check engine fuel and open fuel shut-off valve if closed.
3. Check hydraulic fluid level in tank.
4. Check for fuel, engine oil or hydraulic leaks.
-WARNING- Never check for hydraulic leaks with your bare hand. High pressure fluid could penetrate your skin and cause injury.
5. Visually inspect all hoses, lines, fittings, tires, pivot points, mounting pins, nuts and bolts, safety shields and decals for possible failure or looseness.
6. Check that all controls are in the neutral position.



WARNING

Do Not Move Any Of The Control Levers Unless Standing With Both Feet On The Platform And Holding The Grip Handles.

STARTING PROCEDURE - GASOLINE ENGINE

1. Push the throttle lever down slightly.
2. Pull choke control completely out.
3. Turn the ignition switch to "ON" and then through to the "START" position. (If the engine fails to start by cranking for 10 seconds, wait 5 seconds before trying again).
4. As the engine warms up, push back the choke control gradually.
5. Set the throttle lever for idling speed. Avoid excessive engine speed during warmup.
6. To restart a warm engine - move throttle control slightly and turn ignition key to "START".

IMPORTANT

Do Not Crank Engine With Starter For More Than 10 Seconds At A Time, As This Will Overheat The Starter.

IMPORTANT

Ensure That The Auxiliary Lever Is Kept Neutral When Not Being Used To Avoid Wasting Power. Engine Is Difficult To Start If Lever Is Engaged. Hydraulic Oil May Also Overheat.

IMPORTANT

Do Not Put Loader Under Full Load Condition Until It Has Had An Adequate Warm-Up Period.

NOTE: For more information regarding engine starting and operation, refer to your Briggs and Stratton "Owner's Manual".

SHUT-OFF PROCEDURE - GASOLINE ENGINE

1. Park the loader on level ground. If it is necessary to park on a slope, park across the grade and block the wheels.
2. Lower the lift arms and ground the bucket.
3. Return throttle control to "idle" position, and allow engine to idle for a short while.
4. Turn ignition key off.
5. Place control levers in neutral position, and remove the key.

IMPORTANT

Be Sure Ignition Key Is In OFF Position, Or Even Removed, When The Engine Is Not Running.

STARTING PROCEDURE - DIESEL ENGINE

1. Move fuel shut-off forward to the "On" position.
2. Open throttle lever slightly.
3. Turn key clockwise to the first, "Preheat" position and hold for a few seconds.
4. Turn key further clockwise to the "Start" position to crank engine.
5. Once engine starts, release key.
6. Set throttle lever to idling speed to allow engine to warm up.
7. If engine fails to start after cranking 10 seconds, repeat steps 3 and 4, allowing a longer "Preheat" period.
8. To restart a warm engine, move fuel shut-off to the "On" position and turn key to start.

SHUT-OFF PROCEDURE - DIESEL ENGINE

1. Park the loader on level ground. If it is necessary to park on a slope, park across the grade and block the wheels.
2. Lower the lift arms and ground the bucket.
3. Move throttle to a slow idling position and allow the engine to run for a few minutes to cool down.
4. Pull fuel shut-off knob back to the "Off" position to stop engine.
5. Turn key counter - clockwise to the off position.

MOUNTING ATTACHMENTS

INSTALLATION OF ATTACHMENT

1. Rotate lock pins to the unlocked position (handle pointing outwards).
2. Tilt the attachment frame forward as shown in **Figure 7**, so that the top round edge of the attachment frame will fit under the lip on the attachment.
3. Drive into the attachment, raising the arms so that the top of the attachment frame slips under the lip on the attachment, and attachment lifts slightly.
4. Using the tilt cylinder, roll back the attachment so it drops into place, as shown in **Figure 8**.
5. Rotate the lock pins to the locked position (handles facing inwards, and check that the lock pins are fully inserted through the lock holes in the attachment).
6. Connect attachment hydraulic hoses (if required) to the quick couplers as shown in **Figure 9**.



WARNING



After Hook-Up To Attachment, Check To Be Sure Lock Pins Are Fully Engaged, And Locked Into Position.

REMOVAL OF ATTACHMENT

1. Lower lift arms and tilt forward on the attachment so that the attachment is resting on the ground.
2. If attachment is hydraulically equipped, stop the engine, relieve hydraulic pressure in the attachment lines by shifting the auxiliary lever back and forth, and disconnect the attachment hydraulic hoses.
3. Rotate the lock pins to the unlocked (handles pointing outwards) position.
4. Start engine, tilt the attachment forwards (dump) until the top edge of the attachment mount frame clears the lip on the attachment, and back the loader away from the attachment.

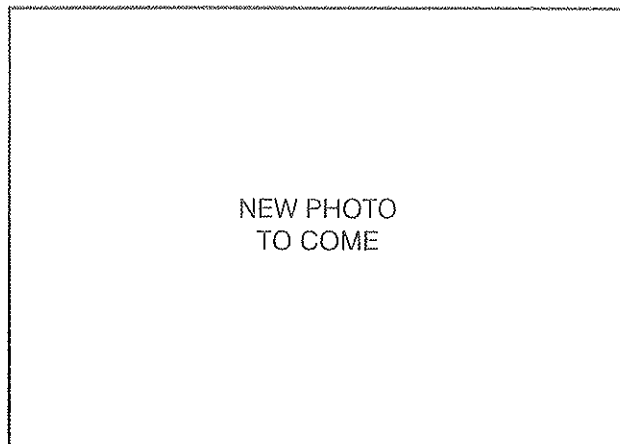


FIGURE 7



FIGURE 8

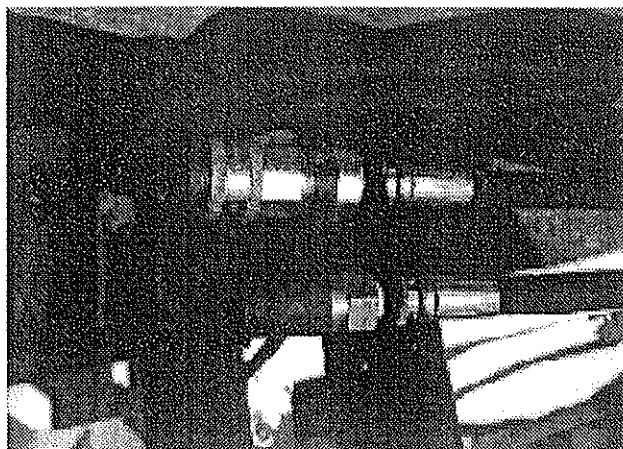


FIGURE 9

OPERATION

OPERATIONAL PROCEDURE

Loader operational procedure and suggestions in this manual are based on the use of a bucket. Operating procedure and suggestions for such other attachments as dozer blade, post hole auger, trencher, rock hammer, etc., are included in the respective attachment bundle.

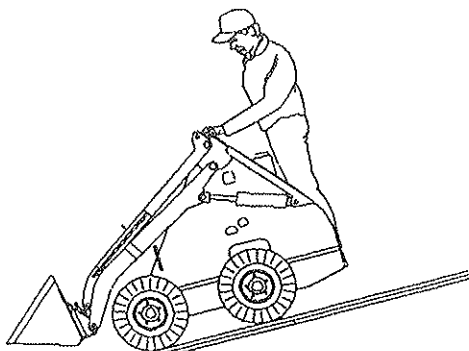


FIGURE 10 - EMPTY BUCKET

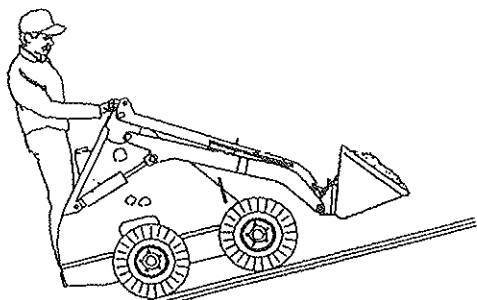


FIGURE 11 - FULL BUCKET

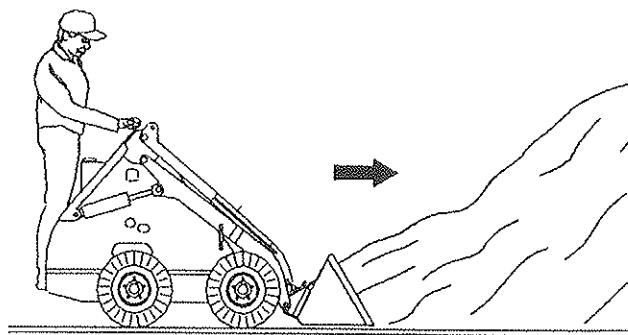


FIGURE 12

OPERATING SUGGESTIONS

1. Install an attachment (bucket). Drive carefully to a clean and level area and practice operating the loader at a slow rate until familiar with the operation of all controls.
2. Hydraulic power transmission is instantaneous. When using the drive levers, sudden movement will result in acceleration to full speed and a very jerky ride. Use smooth and gradual movements when using the drive levers.
3. For efficient operation of the loader, keep the work area small, and as level as possible.
4. Decrease cycle time by "SKID" turning rather than backing up, using a slow turn, then going forward.
5. When driving on slopes keep the heaviest end of the loader upward. When driving on a slope with an empty bucket, back up the slope in reverse, and drive down a slope forward as in **Figure 10**. When driving on a slope with a load, drive up the slope forward and back down the slope in reverse as in **Figure 11**.
6. Fill the bucket to rated capacity. Turning is easier with a full load than with a partial load.
7. To increase machine life, let the engine warm completely before starting operations each day. Avoid "over-loading" or "lugging" the loader.

⚠ WARNING ⚠

Always Carry The Bucket Low While Moving. Drive Directly Up And Down Instead Of Across A Slope.

⚠ WARNING ⚠

If Operating Loader Indoors, Make Sure Building Is Well Ventilated.

FILLING AND DUMPING A BUCKET

1. Approach the pile with the lift arms fully down and bucket cutting edge just skimming the top of the ground as in **Figure 12**.

OPERATION

2. As soon as the bucket is full, tilt bucket back and back away from the pile, as shown in Figure 13 and 14.
3. When dumping, raise bucket high enough to clear stock pile or sides of container being loaded.
4. Drive slowly forward until bucket is over dumping area and tilt bucket forward until it completely empties.
5. Tilt bucket, back up if necessary to clear container side and back away.

WARNING

Use Extreme Caution When Stopping. If The Bucket Or Attachment Is Raised, The Machine Can Tip. Keep All Movements Smooth And Gradual When Manoeuvring With Lift Arms Raised. All New Operators Must Work The Machine In A Safe Open Area To Become Familiar With Its Operating Characteristics.

WARNING

Never Step Off The Operator Platform With The Load Raised.

DIGGING WITH A BUCKET

1. Lower lift arms fully and tilt bucket forward until cutting edge is on the ground.
2. Drive machine forward slowly and continue to tilt bucket forward until it enters the ground to desired depth and then tilt it back a small amount to keep an even depth, as shown in Figure 15.
3. Continue driving forward until bucket is full and then tilt bucket fully back while driving slowly forward or stopping the machine.

LEVELLING

1. To spread material on uneven ground, raise lift arms and tilt bucket forward while driving slowly forward, as in Figure 16.

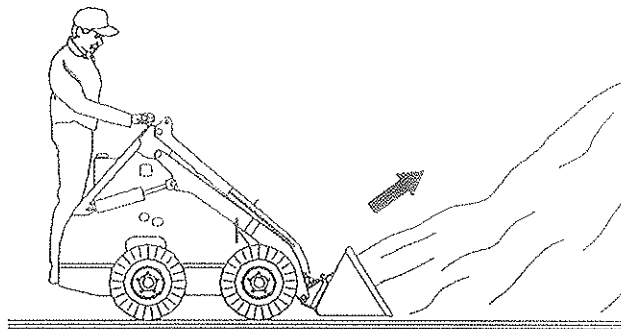


FIGURE 13

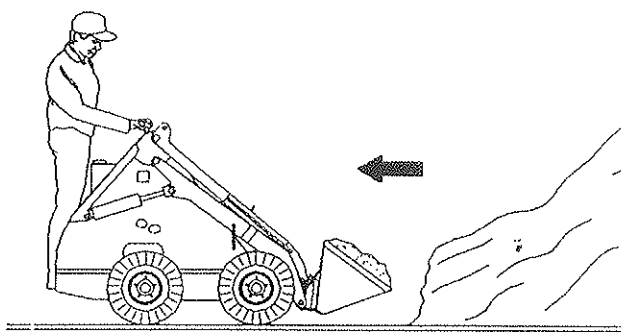


FIGURE 14

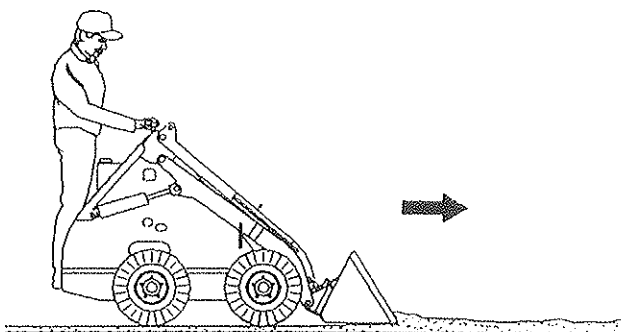


FIGURE 15

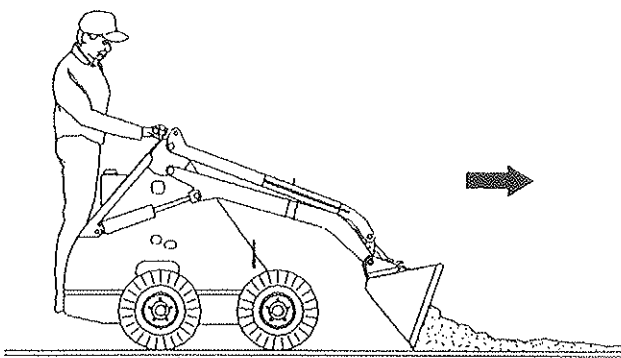


FIGURE 16

OPERATION

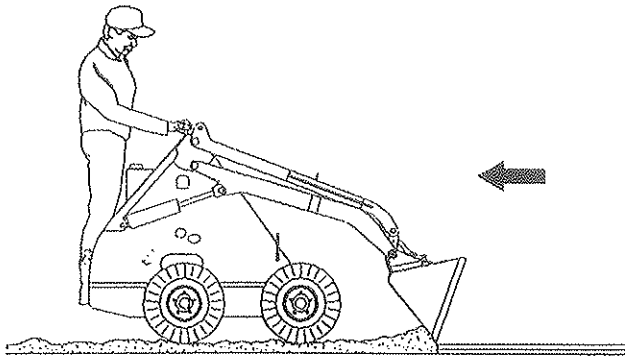


FIGURE 17

2. To level a filled area, tilt bucket forward and drive machine backwards to drag bucket and spread material, as in Figure 17.
3. Another method of levelling is to travel forward with bucket down and level, full of material and pushing excess into low areas. Depth is controlled by tilting the bucket slightly up or down, as in Figure 18.

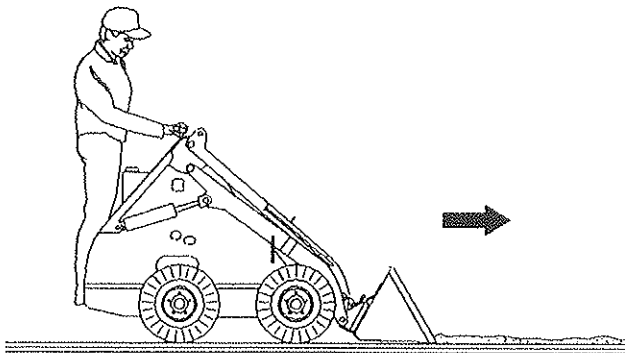


FIGURE 18

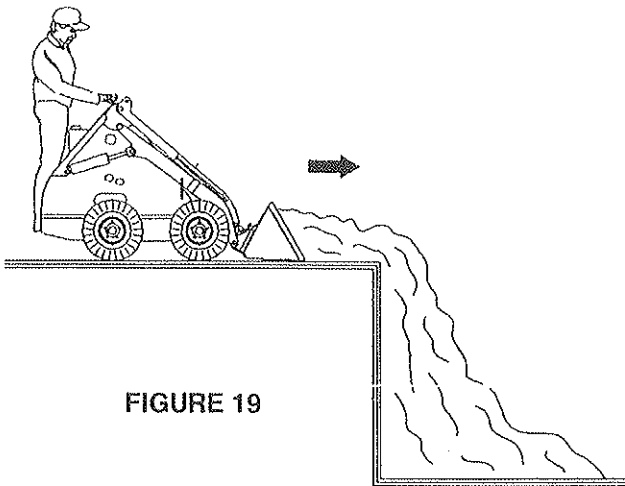


FIGURE 19

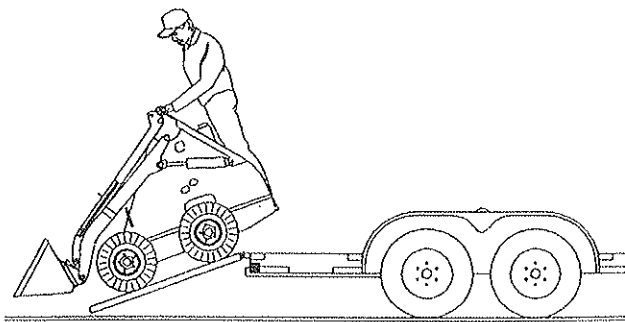


FIGURE 20

BACKFILLING

1. When filling a trench or a hole, drive up the hole with bucket low or push material up to edge, as in Figure 19.
2. Tilt bucket forward as soon as it reaches the edge of the hole and when necessary raise the arms to empty the bucket.

TRANSPORTING THE LOADER

IMPORTANT

*Never Tow The Loader.
Damage May Result.*

When the machine is transported on a truck or trailer, proper ramps must be used for loading.

A loader with an empty bucket, or no attachment should be driven backwards up a ramp onto the trailer or forward down a ramp, as shown in Figure 20.

After the loader is driven onto the transporting vehicle, lower any attachments, and install chains to hold loader from moving during sudden stops or when travelling up and down grades.

Close the fuel valve when the mini loader is to be transported. Vibration during transport could cause the carburetor to flood.

⚠ WARNING ⚠

When Transporting On A Road Or Highway During The Day Or At Night, Be Sure That The Trailer Is Equipped With Lights And Signs As Required By Law.

IV. MAINTENANCE

Maintenance and service of the mini loader is made simple by the use of hydraulics for power transmission and the accessibility to the components.

Maintenance and service intervals recommended in this manual are based on operation under average conditions. When operating the loader in severe conditions of heat, cold, dust, high humidity or other extremes, service the loader at more frequent intervals.

Failure to perform regular maintenance will result in damage to the loader. Periodic maintenance and service is the key to trouble free operation.

When replacement parts are needed for mini loader components, **Figure 21** on Page 14 shows a complete breakdown of the loader. Page 15 & 16 shows the corresponding parts list containing item number, part number, description and quantity.

USING THE PARTS LIST

ITEM:

- The item number is the identifying number from the illustration.

PART NUMBER:

- The part numbers that appear in the part number column, are 7 digit numbers by which the components may be identified and ordered from us.

DESCRIPTION:

- This column contains the name and description of the part.

QUANTITY:

- This column shows the quantity of each part used on that loader component.

ORDERING PARTS

When ordering parts from us, be sure to state:

- 1) Part Number
- 2) Full Description
- 3) Quantity Required

4) Loader Model and Serial Number

NOTE: The reference to right and left used throughout this manual, refers to the position when operating the machine, facing forward.

APPLIED WARRANTIES

Below are listed the warranties for the major components of the mini loader as set by their respective manufacturers at the publication date of this manual. For the complete **RAMROD** warranty, refer to Page 33 of this manual.

For information on the engine warranty, refer to the Briggs and Stratton or Duetz Ruggerini booklet.

HYDRAULIC PUMP

- 6 months from the time of 1st delivery to purchaser.

OVER CENTRE VALVE-FLUID CONTROL

- 6 months from the time of 1st delivery to purchaser.

WHEEL MOTOR

- 18 months from date shipped and/or 12 months from date installed.

BATTERY

- 9 months from time installed.

TIRES

- 12 months or 25% No Charge replacement on Factory defects. 4 year weather check.

CYLINDERS - RAM INDUSTRIES

- 6 months from date installed.

ASSEMBLY DIAGRAM

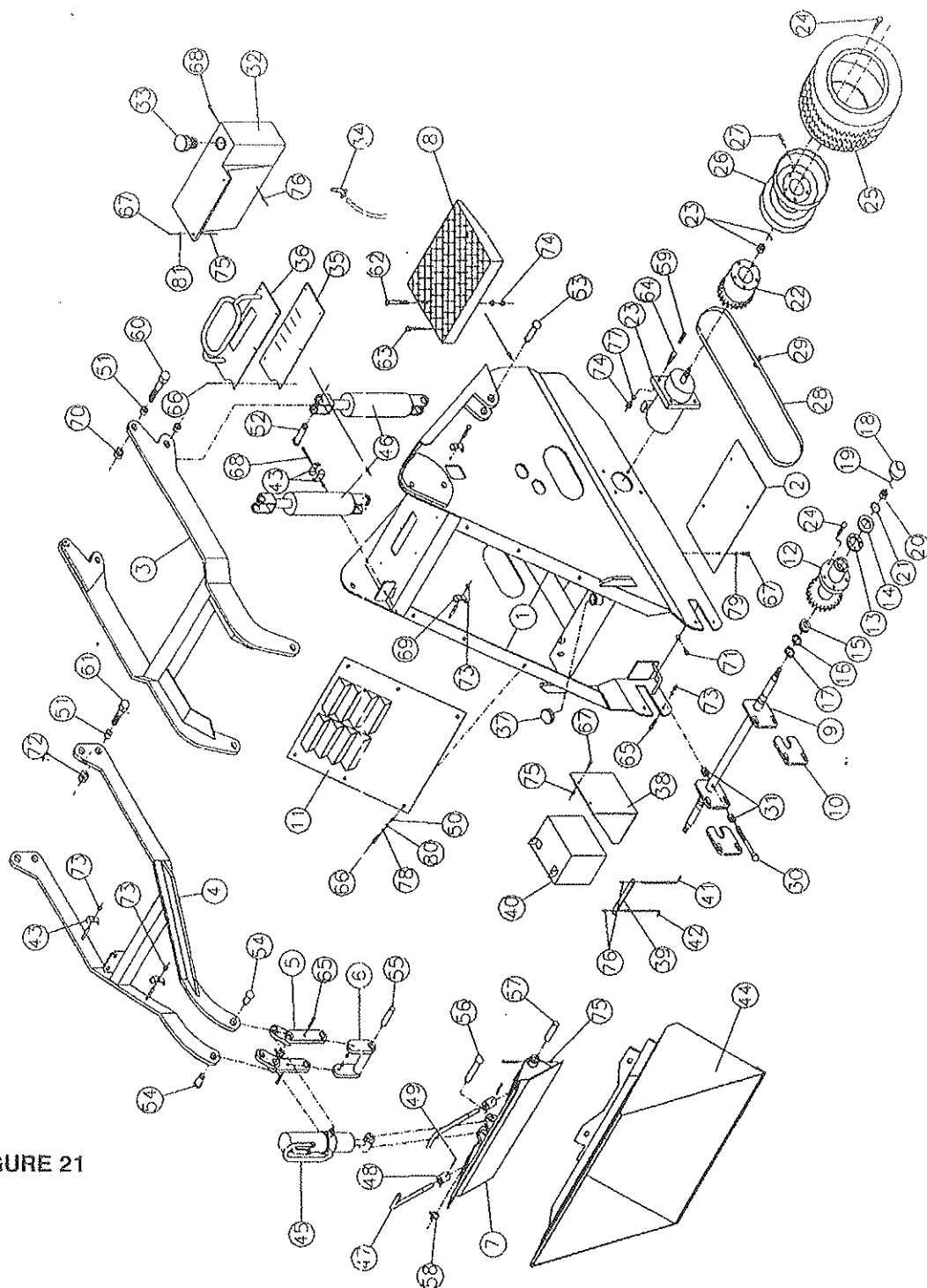


FIGURE 21

MAINTENANCE

RAMROD 550T - 750T PARTS LIST

Item	Part No.	Description	No. Used
1	1231000	Body Weldment	1
2	1231018	Bottom Plate	1
3	1231103	Lift Arms	1
4	1231109	Self Levelling Arms	1
5	1231111	Self Levelling Link (Left)	1
5	1231112	Self Levelling Link (Right)	1
6	1231123	Cylinder Spacer	1
7	1231122	Front Mount Frame	1
8	1144241	Counterweight	1
9	1231070	Front Axle	1
10	1231071	Axle Spacer (Not on all Models)	2
11	1117146	Front Cover (Plastic)	1
12	1230624	Front Hub/Sprocket Weldment (4" Tires)	2
12	1230619	Front Hub/Sprocket Weldment (6" & 8" Tires)	2
13	1135343	Cup, Bearing Race, Outer	2
14	1135344	Bearing, Roller cone, Outer	2
15	1135251	Cup, Bearing Race, Inner	2
16	1135250	Bearing, Roller Cone, Inner	2
17	1135252	Seal, Inner	2
18	1135345	Dust Cap	2
19	1102768	Cotter Pin	2
20	1105400	Slotted Nut	2
21	1102637	Machine Bushing	2
22	1230110	Rear Hub (6" Tires)	2
22	1230626	Rear Hub (6" & 8" Tires)	2
23	1127099	Hydraulic Motor c/w Nut & Cotter Pin	2
24	1135341	Wheel Bolt	20
25	1135070	Tire, 4.00 x 8 - 4 Ply	4
25	1135071	Tire, 16 x 6.5 - 8, 4 Ply	4
25	1135072	Tire, 18 x 8.5 - 8, 4 Ply	4
25	1135088	Tire, 16 x 6.5 - 8, Chevron Type	4
26	1135034	Rim, 8 x 4, 5 Bolt	4
26	1135035	Rim, 8 x 5.25, 5 Bolt	4
26	1135036	Rim, 8 x 7, 5 Bolt	4
27	1135154	Valve Stem	4
28	1230115	Drive Chain (550T)	2
28	1113366	Drive Chain (750T)	2
29	1113349	Connector Link	2
30	1231023	Chain Tensioner Bolt	2
31	1102540	Hex Nut, 5/8" UNC	4
32	1117147	Fuel Tank	1
33	1179230	Fuel Filler Cap	1
34	1123206	Fuel Shut-Off Valve	1
35	1231061	Valve Grommet	1
36	1231059	Valve Cover Plate	1
37	1179194	Oil Filler Spout Cap	1
38	1230542	Battery Mount Bracket	1
39	1230534	Battery Cross Bar	1
40	1179130	Battery, 12 Volt	1
41	1230532	Long Battery Tie Bolt	1
42	1230533	Short Battery Tie Bolt	1
43	1707130	Line Clamp, 2 Pipe	6
44	1231024	Bucket, 31" Wide	1
44	1231027	Bucket, 36" Wide	1
44	1231030	Bucket, 42" Wide	1
45	1127336	Hydraulic Cylinder (Tilt)	1
46	1126288	Hydraulic Cylinder (Lift)	2
47	1231118	Quick Attach Pin	2
48	1231120	Pin Pivot	2
49	1102798	Roll Pin	2
50	1230684	Front Cover Spacer	6
51	1115510	"Connex" Spring Bushing	20
52	1230284	Top Lift Cylinder Pin	2
53	1231040	Bottom Cylinder Pin	2
54	1231042	Pin, 1" x 2 1/8"	3

MAINTENANCE

RAMROD 550T - 750T PARTS LIST continued

Item	Part No.	Description	No. Used
55	1231046	Drilled Pin, 1" x 8 3/8"	1
56	1231044	Pin, 1" x 3 1/2"	1
57	1231047	Drilled Pin, 1" x 2 5/8"	2
58	1500115	Pin Retainer	7
59	1127208	Key, Wheel Motor	2
60	1102255	Hex Bolt, 1" UNC x 4"	2
61	1102253	Hex Bolt, 1" UNC x 3"	2
62	1102567	Hex Bolt, 1/2" x 3 1/2"	2
63	1102055	Hex Bolt, 1/2" x 2 1/2"	2
64	1102051	Hex Bolt, 1/2" x 1 1/2"	8
65	1102002	Hex Bolt, 3/8" x 1 1/2"	6
66	1101990	Hex Bolt, 3/8" x 1"	16
67	1101950	Hex Bolt, 5/16" x 1"	4
68	1101929	Hex Bolt, 1/4" x 2 1/2"	2
69	1707125	Line Clamp, 4 Pipe	1
70	1102555	1" Hex Nut	2
71	1122919	Drain Plug	1
72	1102567	1" Jam Nut	2
73	1102526	3/8" Locknut	20
74	1102535	1/2" Hex Nut	12
75	1102520	Hex Nut	13
76	1102515	1/4" Hex Nut	3
77	1102592	1/2" Lockwasher	12
78	1102590	3/8" Lockwasher	12
79	1102589	5/16" Lockwasher	13
80	1102641	3/8" Flatwasher	12
81	1102607	5/16" Flatwasher	6
82	1102525	3/8" Nut	2
83	1102611	1/2" Flatwasher	4

GASOLINE/DIESEL ENGINE LAYOUT

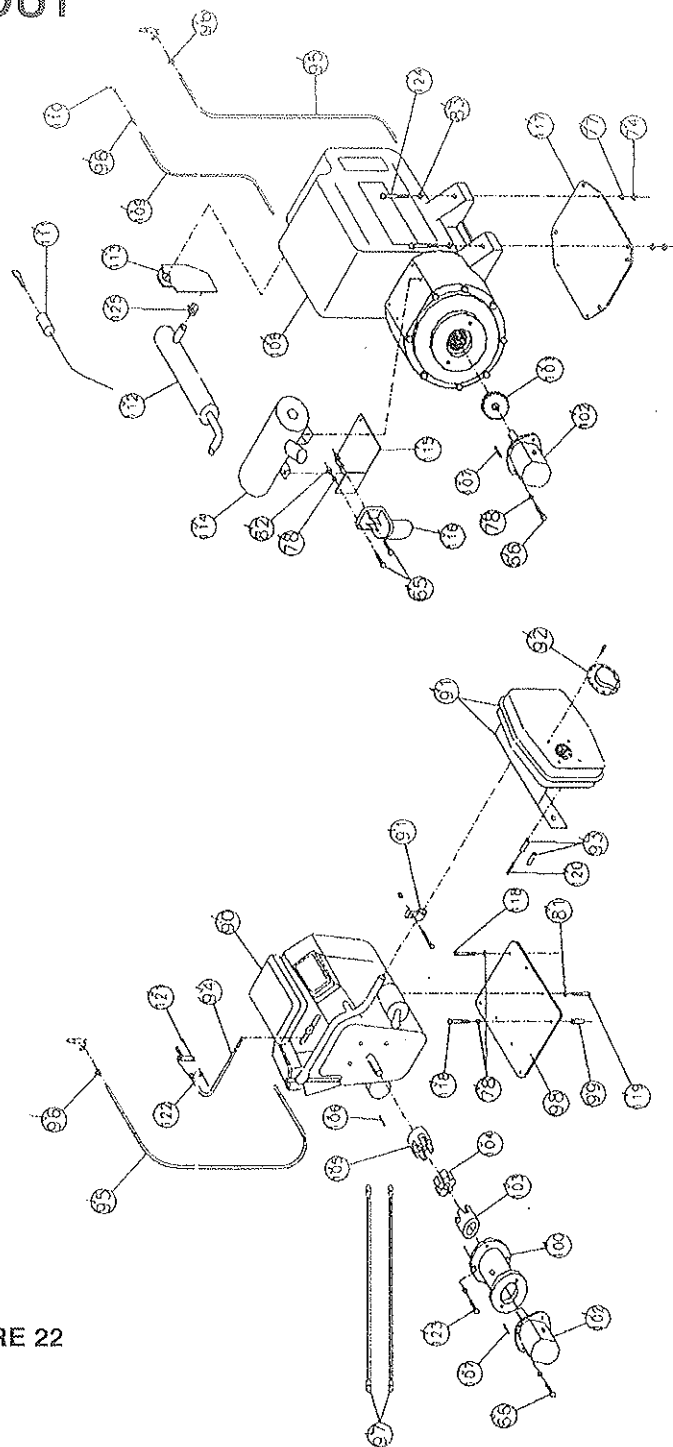
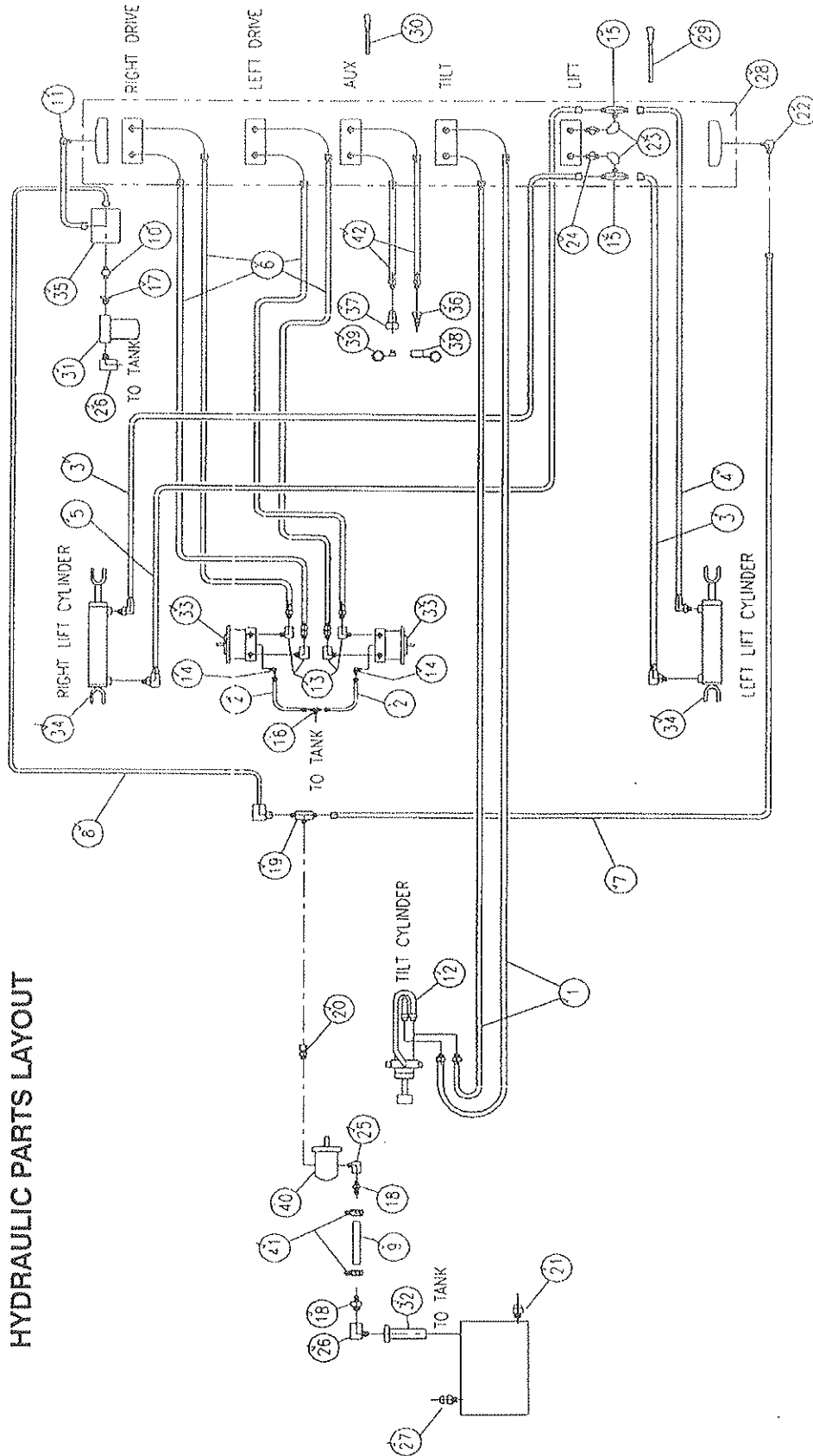


FIGURE 22

MAINTENANCE

ENGINE OPTIONS (Note - Parts Not Shown Twice Are Common To Both Gas And Diesel Models)

Item	Part No.	Description	No. Used
90	1117120	Gas Engine - Briggs & Stratton 16 hp	1
91	1123204	Muffler c/w Heat Shield and Clamp	1
92	1123205	Muffler Deflector	1
93	1230683	Muffler Spacer	2
94	1117125	Throttle Assembly	1
95	1123188	Gas Line	1
96	1123184	1/4" Gas Line Hose Clamps	2
97	1230541	Battery Cable	2
98	1231050	Motor Base Plate - Gas Engine	1
99	1230528	Motor Base Plate Spacer	4
100	1230351	Pump Mount Bracket - Gas Engine	1
101	1230365	Pump Coupler - Diesel Engine	1
102	1179238	Hydraulic Pump, B & P	1
103	1117074	Half Coupling	1
104	1117076	Spider	1
105	1117083	Half Coupling - Gas Engine	1
106	1105190	Key - Engine	1
107	1127207	Key - Pump	1
108	1179255	Diesel Engine - Lister Petter #LPA-2	1
109	1117260	Fuel / Return Line	2
110	1179261	Barbed Connector - Return Line	1
111	1179256	Diesel Keyswitch Box	1
112	1179257	Muffler - Diesel Engine	1
113	1231065	Muffler Extension	1
114	1179258	Air Cleaner Assembly	1
115	1231021	Fuel Filter Mount Plate	1
116	1179259	Fuel Filter Assembly	1
117	1231020	Motor Mount Plate - Diesel Engine	1
118	1102004	3/8" x 2 1/2" Bolt	4
119	1101954	5/16" x 2" Bolt	7
120	1101927	1/4" x 1 3/4" Bolt	2
121	1101942	#10 Hex Head Screw	2
122	1102578	#10 Hex Nut	2
123	1101975	5/16" x 1" U.N.F. Hex Bolt	4
124	1102053	1/2" x 2" Bolt	4
125	1179262	Muffler Clamp	1



MAINTENANCE

HYDRAULIC PARTS

Item	Part No.	Description	No. Used
1	1123207	3/8" x 87" 100R2 Hose	2
2	1123270	14" 100R1 Hose X 13" Long	2
3	1123208	3/8" 100R2 Hose x 32" Long	2
4	1123217	3/8" 100R2 Hose x 25" Long	1
5	1123209	3/8" 100R2 Hose x 36" Long	1
6	1123420	3/8" 100R2 Hose x 60" Long	4
7	1123200	1/2" 100R2 Hose x 30" Long	1
8	1128039	3/8" 100R1 Hose x 21" Long	1
9	1123219	3/4" Suction Hose	1
10	1124717	Adaptor, 1/2" NPTM x 3/4" ORBM	1
11	1128039	1/2" SWB Hose x 21"	1
12	1127336	Tilt Cylinder	1
13	1124735	7/8" ORBM x 1/2" Elbow	4
14	1124467	1/4" ORBM x 1/4" JICM Elbow	2
15	1124400	1/2" JICM Tee	2
16	1124466	1/4" JICM (2) x 1/4" NPTM Tee	1
17	1122898	3/4" NPTM x 1/2" NPTF Reducer Bushing	1
18	1124589	3/4" NPTM x 3/4" Barbed Union	2
19	1124739	3/4" ORBM x 1/2" JIC (2) Tee	1
20	1124738	Reducer, 7/8" ORBM x 3/4" ORBF	1
21	1122920	3/8" NPT Plug	1
22	1123210	3/4" ORBM x 1/2" JICM Elbow	2
23	1122791	1/2" JICF x 1/2" JICM Elbow	1
24	1123212	9/16" ORBM x 1/2" JICM Adaptor	2
25	1122941	1 1/16" ORBM x 3/4" NPTF Elbow	1
26	1124468	3/4" NPT Street Elbow	2
27	1124461	Breather Plug	1
28	1128335	Valve Assembly - Walvoil	1
29	1128336	Long Valve Handle	4
30	1128320	Short Valve Handle	1
31	1127100	Filter Assembly	1
32	1127202	Strainer Assembly	1
33	1127099	Hydraulic Motor	2
34	1126288	Hydraulic Cylinder	3
35	1127330	Overcenter Valve	1
36	1127184	Nipple	1
37	1127183	Coupler	1
38	1127185	Dust Cap	1
39	1127186	Dust Plug	1
40	1179252	Gear Pump, B & P	1
41	1123290	Hose Clamps	2
42	1123218	3/8" 100R2 Hose x 50"	2
-	1107358	Bolt, 8mm x 1.25 x 2.5cm (valve mount)	4

MAINTENANCE

FUELS, LUBRICANTS AND CAPACITIES

The service obtained from your loader is greatly affected by the quality of the petroleum products used in it. It requires only common products which are commercially available through the outlets of major refineries. The following chart shows which lubricant to use in the various components of the loader.

COMPONENT	TEMPERATURES	TYPE OF LUBRICANT/FLUID	CAPACITY Litres (Imp. Gals.)
Engine Oil - must see Briggs & Stratton or Lister Peter Motor Specifications	Above 25°C (77°F) 0° to 25°C (32° - 77°F) -15°C to 0°C (5° - 32°F) Below -15°C (5°F)	SAE 30 SAE 10W SAE 10W SAE 5W30	1.6 Litres (1.4 Imp. Gal.)
Fuel Tank	All Temperatures	91 Octave, Regular	8.5 L. (1.8 Imp. Gal.)
Hydraulic Oil Reservoir	Above 10° C (50° F) Below 10° C (50° F) Below -29°C (-20°F)	SAE 30 Hyd Oil Dextron II or III Preheat Oil	44 Litres (39 Quarts)

NOTE: For warm climates a 20 or 30 weight hydraulic oil can be used in place of Dextron II



WARNING

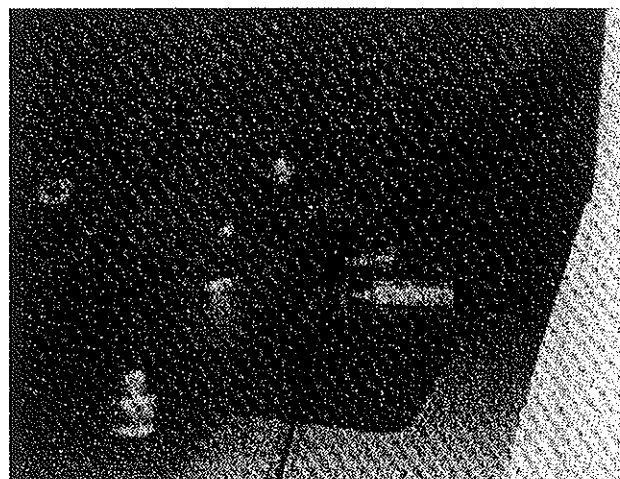
*Never Add Fuel To A Loader When
The Engine Is Running Or Is Hot.*



WARNING

*Do Not Service Loader While Engine
Is Running*

FIGURE 24



ENGINE OIL DRAIN LOCATION

FUEL FILTER SPOUT



FIGURE 23

FIGURE 25



DIESEL OIL DRAIN LOCATION

MAINTENANCE

FUELS, LUBRICANTS AND CAPACITIES

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Fuel Tank	All Temperatures	91 Octave, Regular	8.5 L. (1.8 Imp. Gal.)
Hydraulic Oil Reservoir	Above 10° C (50° F) Below 10° C (50° F) Below -29°C (-20°F)	SAE 30 Hyd Oil Dextron II or III Preheat Oil	44 Litres (39 Quarts)

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WARNING

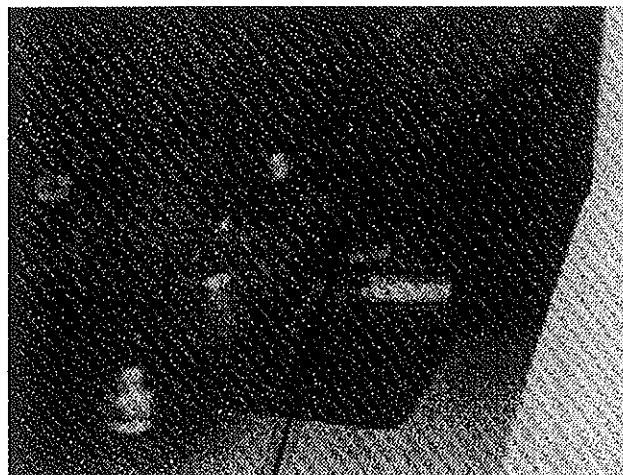
*Never Add Fuel To A Loader When
The Engine Is Running Or Is Hot.*



WARNING

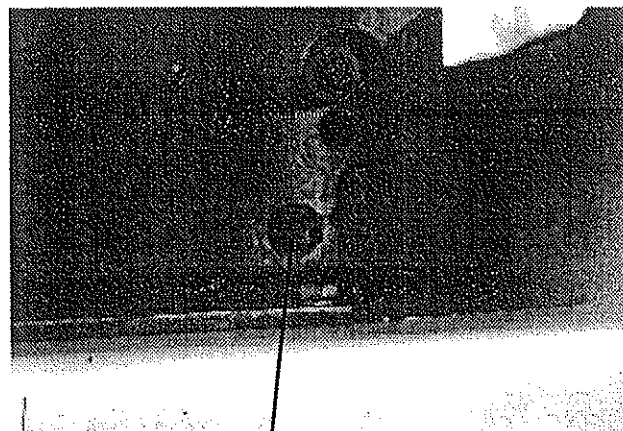
*Do Not Service Loader While Engine
Is Running*

FIGURE 24



ENGINE OIL DRAIN LOCATION

FIGURE 25



DIESEL OIL DRAIN LOCATION

FUEL FILTER SPOUT

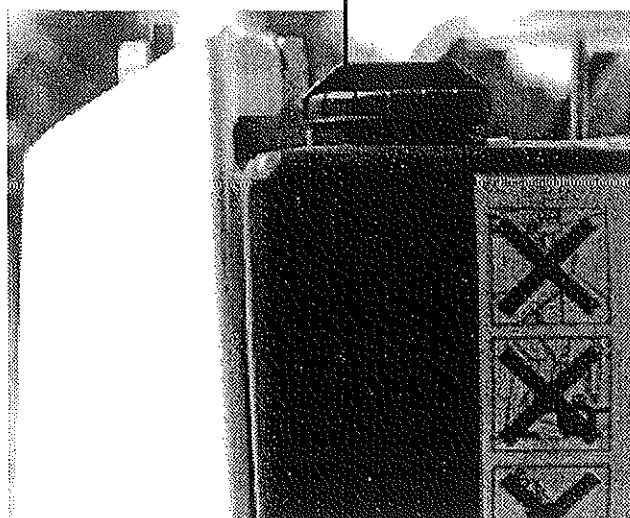


FIGURE 23

MAINTENANCE

ENGINE MAINTENANCE

OIL LEVEL CHECK

1. Ensure that the loader is standing level.
2. Remove dipstick on the right hand side of the engine, Figure 26, visibly check the level. Top up with recommended oil; see the chart on Page 21 if required.

For proper engine maintenance, refer to your Briggs and Stratton Owner's Manual. This pertains to all applicable maintenance on your Briggs and Stratton engine. Maintenance with respect to fluids and lubricants are included in the "Periodic Maintenance and Service Schedule"; on Page 24.

NOTE: Spark Plug Removal

The spark plug is removed by removing spark plug wire and inserting a 5/8" socket wrench through the access holes on either side of Mini Loader.

ENGINE OIL DIPSTICK

FUEL FILTER

SPARK PLUG

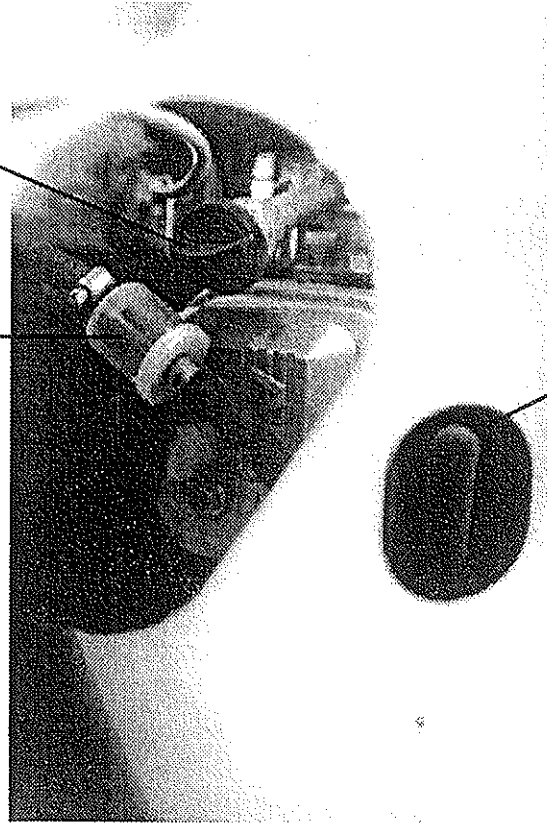


FIGURE 26

BATTERY MAINTENANCE

Note: Remove the Plastic front cover. Check the battery hold down bracket for tightness. Do not overtighten.

Remove any acid corrosion from the battery terminals and cables with baking soda and water solution. Coat the terminals with a high temperature grease.

MAINTENANCE

HYDRAULIC/HYDROSTATIC SYSTEM MAINTENANCE

NOTE: Remove the plastic front cover for access.

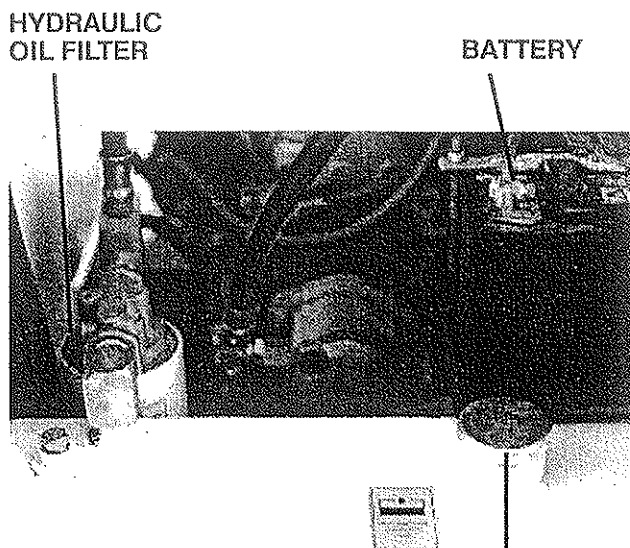


FIGURE 27

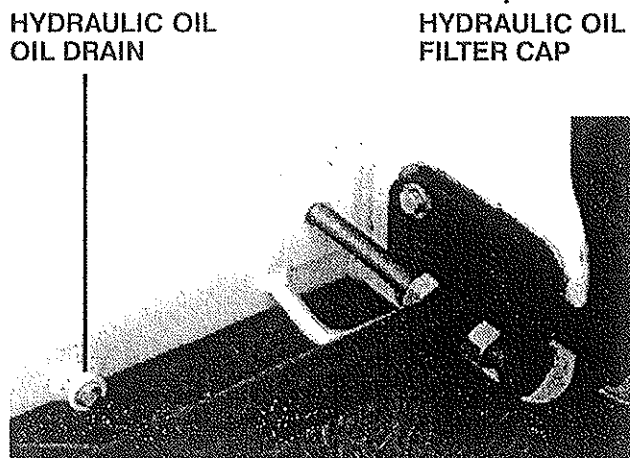


FIGURE 28

HYDRAULIC OIL LEVEL CHECK

1. Ensure that the loader is standing level, the lift arms are down and the tilt cylinder is closed.
2. Remove the oil cap, see **Figure 27**, and check the level. If oil is apparent, the level is satisfactory.
3. If necessary, add the proper type and grade of oil, until it appears at the check point.

CHANGING HYDRAULIC OIL

The hydraulic oil normally needs to be changed after 1,000 operating hours or annually. However, if the oil becomes contaminated, or a major repair has been done to the hydrostatic transmission, it should be changed at once.

1. Remove the oil drain plug. See **Figure 28**, and drain the oil. Remove the oil cap to ensure a better flow.
2. Replace the oil drain plug, and refill reservoir with clean oil of proper grade and type.
3. Start engine, and check for leaks. Stop engine and re-check the oil level.

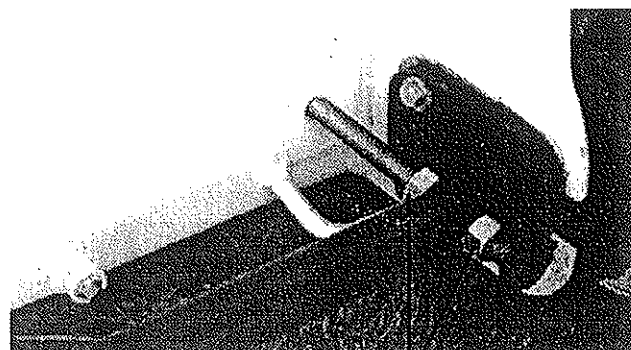
CHANGING HYDRAULIC OIL FILTER

1. With the engine stopped, unscrew and remove the old oil filter, see **Figure 28**.
2. Clean the oil filter mounting flange.
3. Apply a thin film of oil to the sealing ring and screw the new filter into place. Hand-tighten the filter.
4. Start the engine and check for leaks. Stop the engine, and check the hydraulic oil level.

IMPORTANT

*Do Not Allow Dirt To Enter Into
The Hydraulic/Hydrostatic System*

FINAL DRIVE MAINTENANCE



ADJUSTING NUTS

DRIVE CHAIN

To obtain proper chain tension, adjust the 4 tensioning nuts, (2 each side) to move the front axle forward or backwards. See **Figure 28**.

MAINTENANCE

PERIODIC MAINTENANCE AND SERVICE SCHEDULE

ITEM	MANUAL	SERVICE REQUIRED	HOURS OF OPERATION				
			8 OR DAILY	25 OR WEEKLY	50 OR BI-WEEKLY	100 OR MONTHLY	1000 OR ANNUALLY
Engine Oil	Ramrod Manual	Check level of engine oil and top up if necessary.	X				
Engine Fuel	Ramrod Manual	Check level, and if necessary, top up.	X				
Hydraulic Oil	Ramrod Manual	Check level, and if necessary, top up.	X				
Tires and Wheel Nuts	Ramrod Manual	Check tire pressure and wheel nuts.	X				
Decals	Ramrod Manual	Check if damaged safety or instruction decals Replace if necessary.	X				
Engine Oil	Engine Manual	Change oil after first 20 hours of operation.			X		
Wheel Drive Chain	Ramrod Manual	Check and adjust tension if necessary.		X			
Air Cleaner	Engine Manual	Service element.		X			
Battery	Ramrod & Engine Manuals	Clean and protect battery terminals.			X		
Engine Oil	Engine Manual	Replace engine oil.				X	
Fuel Filter	Engine Manual	Clean and dry thoroughly.				X	
Spark Plug	Engine Manual	Clean and check gap.				X	
Hydraulic System	Ramrod Manual	Check all hoses, tires, fittings, etc. thoroughly. Replace if needed.				X	
Hydraulic Oil Filter	Ramrod Manual	Replace oil filter.				X	
Hydraulic Oil	Ramrod Manual	Change hydraulic oil.					X
Engine Oil Filter	Engine Manual					X	

TROUBLE SHOOTING

The following chart is intended to help isolate troubles and possible remedies.

SYMPTOM	POSSIBLE CAUSES	POSSIBLE REMEDIES
Starter does not crank engine	Low battery output Loose or disconnected battery cable	Recharge or replace battery Check and tighten all connections
Engine turns over but does not start	No fuel in tank. Fuel shut-off valve closed Improper starting procedure Auxiliary control lever engaged Spark plug fouled	Fill tank with clean fuel Open fuel shut-off valve Refer to starting procedure Set auxiliary lever to neutral Check spark plug gap and clean or replace spark plug
Noisy hydrostatic system	Air in system Loose suction line and/or fittings Clogged oil filter Hydraulic oil too heavy Internal pump or motor damage	Check oil level, add if necessary Bleed system Tighten all fittings and connections Replace oil filter Warm up hydraulic oil when too cold See your RAMROD Dealer
Erratic or no output on transmission	Hydraulic oil too heavy Hydraulic oil level too low Drive coupling between engine and pump broken	Use proper viscosity oil. Refer to Page 19. Check oil level. Add if necessary Check couplings, replace if necessary
Loss of hydraulic oil flow from gear pump	Reservoir low on oil Drive couplings between engine and pump broken Hydraulic gear pump not functioning	Check oil level. Add if necessary Check couplings, replace if necessary Inspect and repair if necessary
Hydraulic cylinders do not function properly	Loss hydraulic flow from gear pump Air in system	See above Bleed system
Oil overheating	Reservoir low on oil Auxiliary control lever engaged Setting of relief valve too high or too low	Check oil level. Add if necessary Return auxiliary level to neutral Set to correct pressure
No drive of either wheel on one side	Key sheared on motor shaft	Inspect shaft and hub for damage or wear. Replace key and tighten on slotted nut.
No drive of front wheel on one side	Chain failure	Inspect and replace
Noisy operation	Chains too loose Chains dry	Tighten chain Lubricate chain

LOADER SPECIFICATIONS

750T MINI LOADER

	550T	750T
Rated Operating Capacity	550 lbs (250 Kg)	750 lbs (340 Kg)
1400 (636 mm)		
Shipping Weight: (Crated)		
with 6" wheels, gasoline engine	1250 lbs (568 Kg)	1400 lbs (636 Kg)
with 8" wheels, gasoline engine	1260 lbs (572 Kg)	1410 lbs (641 Kg)
with 6" wheels, diesel engine	N/A	1500 lbs (681 Kg)
with 8" wheels, diesel engine	N/A	1510 lbs (686 Kg)
Travel Speed	3.5 mph (5.6 kph)	

DIMENSIONS: (4" (10.2 cm) Wide x 8" (20 cm) Rim)

A. Overall Operating Height	81 3/4" (2076 mm)
B. Height to Hinge Pin	65.00" (1651 mm)
C. Overall Height of Loader	50 1/8" (1276 mm)
D. Overall Length with 31" Bucket	80 3/8" (2041 mm)
E. Dump Angle	74 deg (1879 mm)
F. Dump Height @ 45 deg Dump Angle	45 1/4" (1149 mm)
G. Reach, Fully Raised @ 45 deg Dump Angle	16.00" (406 mm)
H. Height to Bottom of 31" Bucket	59.00" (1498 mm)
I. Maximum Roll Back at Ground	35 deg
J. Maximum Roll Back Fully Raised	35 deg
K. Wheel Base	
750T	27 1/2" (698 mm)
550T	25 1/4" (641 mm)
L. Overall Length Less Bucket	61.00" (1549 mm)
M. Ground Clearance	5 1/2" (139 mm)
N. Angle of Departure	26 deg
O. Clearance Circle Without Bucket	28.00" (712 mm)
P. Clearance Circle With 31" Bucket	48.50" (1232 mm)
Q. Clearance Circle Rear	34.50" (876 mm)
R. Overall Width Without Bucket	35.00" (889 mm)
S. Tread Width	29.00" (737 mm)

NOTE: 8" (20 cm) Wide x 8" (20 cm) Rim will increase machine dimensions as follows: All vertical dimensions will decrease by 0.50" (13 mm).

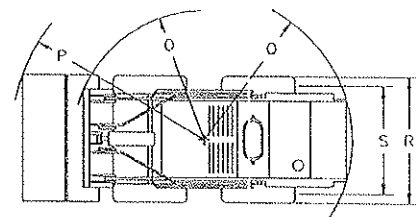
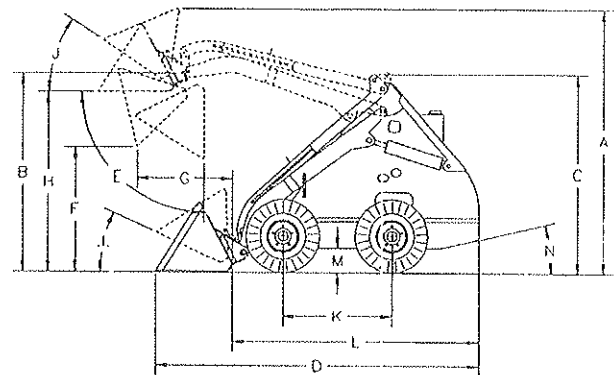


FIGURE 29

G. Reach, Fully Raised @ 45 deg Dump Angle	15.00" (552 mm)
R. Overall Width Without Bucket	39.00" (991 mm)
S. Tread Width	31.00" (787 mm)

— LOADER SPECIFICATIONS —

550T - 750T MINI LOADER

ENGINE - GASOLINE

Make and Model Briggs & Stratton 16 hp Vanguard
Cycle, Valve Arrangement 4 cycle, Overhead Valve
Displacement 40.00 cu in (656 cc)
Maximum Output (Horsepower) 16 hp (12 KW) @ 3600 RPM
Dry Weight (Mass) 82 lbs (35 Kg)

ENGINE - DIESEL

Make and Model Lister Petter LPA-2
Cylinders 2 cycle, Air Cooled Direct Injection
Displacement 44.00 cu in (726 cc)
Maximum Out put (hp) 16.0 @ 3600 RPM
Dry Weight (Mass) 110 lbs (50 Kg)

HYDROSTATIC/HYDRAULIC SYSTEM & FINAL DRIVE

Pump Gear Type, Fixed Displacement, 0.58 cu in/rev (9.6 cc/rev)
Pump Capacity 8.5 USGPM (13 l/min) @ 3600 RPM
Motor Fixed Displacement, 18.7 cu in/rev (305 cc/rev)
Control Valve 5 Spool, Series Parallel, Spring Return and Detent on Auxiliary
System Relief Pressure (Max) 3000 PSI (200 Bar)
Filtration Return Line: 10 Micron
Cylinders (3) Double Acting 2.50 Bore, 8.00 Stroke, 1.25 Rod
Final Drive Primary Chain Number ASA 60

ELECTRICAL

Battery 12 Volt, Negative Ground, 220 Amp

FLUID CAPACITIES

Fuel Tank 2.2 US gal (8.3 litres)
Engine Oil with Filter change 3.5 US pints (1.6 litres)
Engine Oil 3.0 US pints (1.4 litres)
Hydraulic Oil Reservoir 11.6 US gal (44 litres)

TIRES AND BUCKETS

TIRE

6" (15.2 cm) Wide x 8" (20 cm) Rim 30 psi (207 KPa)
8" (20 cm) Wide x 8" (20 cm) Rim 20 psi (138 KPa)

PRESSURE

BUCKET

36" (914 mm) 3.30 cu ft (0.09 cu M)
42" (1067 mm) 3.85 cu ft (0.11 cu M)

CAPACITY

LOADER SPECIFICATIONS

DECALS

Operating Instructions
Part No. 179150
Location: Far L/H side on rear face

Operating Instructions
Part No. 179150
Location: Far L/H side on rear face

OPERATING INSTRUCTIONS

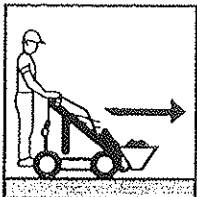
Hydraulic power transmission is instantaneous. When using the drive levers, sudden movement will result in acceleration to full speed and very jerky ride. Ease the levers either forward or reverse.

If the bucket is pivoted down while the arms are down, the front of the mini loader will lift off the ground. This is a standard operation when scraping and leveling. The standing platform will prevent the mini loader from overturning backwards.

HINTS FOR USE

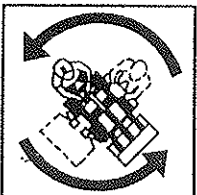


1. When attacking the heap or pile, always have the bucket level. To achieve this, lower the loader arm and activate bucket tilt cylinder to bring the bucket level with the ground.



2. Towards the end of the run when the bucket is nearly full, gently roll the bucket backwards. This decreases the lifting resistance when the arms are raised and promotes an efficient tear out.

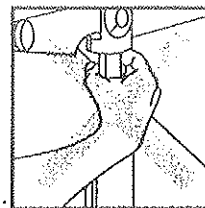
3. When transporting material in the bucket on hill-sides or rough ground, keep the bucket close to ground level. This lowers the centre of gravity of the loader and maximizes stability.



4. When scraping, leveling and surface stripping, lower the bucket to ground level, tilt it down and so raise the front wheels slightly off the ground. Drive forward using the back wheels, the bucket will bite into the soil as you move forward.

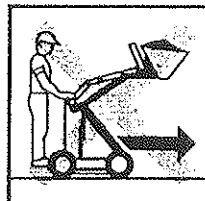
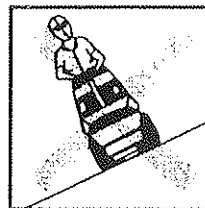
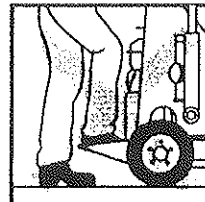
5. The material may then be dumped into a trailer or utility truck for removal or repositioning on the site. Do not step off the operator platform with the load raised.

Manoeuvring is made possible by individual controls for the hydraulic motor on each side of the mini loader. A turn may be achieved by varying the amount and/or direction of power supplied to each side of the machine. The machine is capable of turning in its own length by applying equal forward and reverse power to opposite sides of the machine.



1 Safety First

2. Wear close fitting protective clothing and shoes.
3. Keep hands, feet and clothing away from all moving parts and rams.
4. Do not allow more than one person on the loader at any time.
5. Do not smoke while fuelling or operating the mini loader.
6. Do not operate any of the control levers including auxiliary power take-off unless you are standing with both feet on the platform and firmly holding the grip handles.
7. Do not place feet under the platform.
8. Do not ride in the bucket.
9. Do not allow any other person or animal close to the mini loader while in operation.
10. Ensure adequate ventilation when using the machine in confined spaces.
11. Do not drive the mini loader across steep slopes.
12. Always place bucket on ground when parking or leaving the loader unattended.
13. Do not carry load with the arms in a raised position. Always carry loads close to the ground. Do not step off platform with load raised.
14. Caution - Never jerk the control levers, use a steady even motion.



Lower



LIFT
Arm



Raise

Forward



TILT



Back

AUXILIARY
POWER



Forward



LEFT
DRIVE



Reverse

Forward



RIGHT
DRIVE



Reverse

Operating Levers Decal
Part No. 1179159

LOADER SPECIFICATIONS

**RATED OPERATING
CAPACITY**
550 lbs. (250 kg)

Decal: 550 Rated Oper. Cap.
Black on Yellow Back
Part No. 1179161



Decal: 9" Taskmaster 750T
Black c/w Blue Stripe
Part No. 1179242

Decal: 11" Taskmaster 750T
White c/w Blue Stripe
Part No. 1179243

Decal: 14" Taskmaster 750T
Black d/w Blue Stripe
Part No. 1179244



Decal: 7" Head + 750 T
Black
Part No. 1179245

**RATED OPERATING
CAPACITY**
750 lbs. (340 kg)

Decal: 750 Rated Oper. Cap.
Black on Yellow Back
Part No. 1179165



Decal: 9" Taskmaster 550T
Black c/w Green Stripe
Part No. 1179238

Decal: 11" Taskmaster 550T
White c/w Green Stripe
Part No. 1179239

Decal: 14" Taskmaster 550T
Black d/w Green Stripe
Part No. 1179240



Decal: 7" Head + 750 T
Black
Part No. 1179245

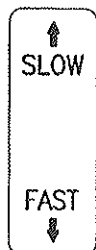
Ignition Switch Decal
Part No: 1179157



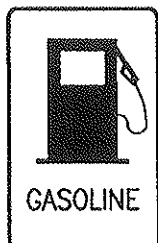
Patent
Part No: 179152
Location: Top centre of rear face

INT. REG. PAT. No. PCT-AU83-00165
INT. REG. DESIGN No. 1017838

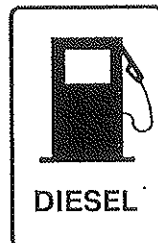
Throttle Control Decal
part No: 1179156



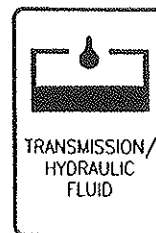
Decal: Gasoline
Black on Yellow Back
Part No: 1179162



Decal: Diesel
Black on Yellow Back
Part No: 1179073



Decal: Hydraulic Fluid
Black on Yellow Back
Part No: 1179163



———— LOADER IDENTIFICATION —————

The loader serial number plate is located on the front face of the control under the lift arm. The Briggs and Stratton engine serial number is located on the right side of the engine fan shroud. In order to qualify for warranty, the "New Loader Warranty Registration

Form" must be completed and one copy mailed to **RAMROD EQUIPMENT CORPORATION**. One copy should be retained by the Selling Dealer, and one by the Owner. For engine warranty, refer to the Briggs and Stratton Owners Manual.

RAMROD WARRANTY

The **RAMROD EQUIPMENT CORPORATION** warrants each new **RAMROD** Skid Steer Loader to be free from proven defects in material and workmanship under normal use and maintenance for a period of six (6) months, commencing with delivery to the original buyer. Under conditions of this warranty, the Skid Steer Loader must be operated according to manufacturer's instructions and by a competent and careful operator.

This warranty shall not apply to the Loader on any part thereof which has been subject to misuse, negligence, alteration, accident, or used in any way which, in the manufacturer's option, adversely affects its performance.

It is the responsibility of the Buyer, at his expense, to transport the Loader or any part thereof in fulfilling this warranty to a designated service shop.

In no event shall the Buyer be entitled to recover for incidental or consequential damages such as, but not limited to, rental of replacement equipment, loss of profits, and loss of Loader fluids and lubricants.

This warranty does not extend to Loader components such as, but not limited to, engine, tires, batteries, hydraulic/hydrostatic components which are manufactured by others, and which carry separate warranties of their respective manufacturer's

This warranty is in lieu of all other warranty expressed or implied, and there are no warranties of merchantability or fitness for a particular purpose.

No representative of the manufacturer, nor the selling dealer has authority to change this warranty in any manner whatsoever.

Printed in Canada



RAMROD EQUIPMENT CORPORATION

"Manufacturers of Quality Built Skid Steer Loaders"

NEW LOADER WARRANTY REGISTRATION FORM

Loader Serial Number

Model Number

Engine Serial Number

Name of Owner

Name of Dealer

Owner's Address

Dealer's Address

Date Loader Sold

Date Loader Delivered

OPTIONS & ACCESSORIES

SERIAL NUMBER (IF APPLICABLE)

TIRES:

- ☐ 4.00 X 8
- ☐ 16 X 6.50
- ☐ 18 X 8.50

BUCKETS:

- ☐ 31 inch (787 mm)
- ☐ 36 inch (914 mm)
- ☐ 42 inch (1067 mm)

RAMROD COPY

Please forward to:

135 YORK ROAD EAST,
YORKTON, SASKATCHEWAN, CANADA S3N 3Z4
PHONE (306) 786-2600
FAX (306) 782-1884

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CUSTOMER COPY