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SAFETY PRECAUTIONS

SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.

DANGER : Indicates an immediately hazardous situation which, if not avoided, will result in death or serious injury.

WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION : Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT : Indicates that equipment or property damage could result if instructions are not followed.

NOTE : Gives helpful information.

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. **Read and understand this manual before operation**. It is the owner's responsibility to be certain anyone operating this product reads this manual, and all other applicable manuals, to become familiar with this equipment and all safety precautions. Failure to do so could result in serious personal injury or equipment damage. If you have any questions, consult your dealer.

BEFORE OPERATION

Children

WARNING: In order to avoid serious injury and death:

Tragic accidents can occur if the operator is not alert to the presence of children. Children are generally attracted to machines and the work being done. Never assume children will remain where you last saw them.

1. Keep children out of the operating area and under the watchful eye of another responsible adult.
2. Be alert and turn machine off if children enter the work area.
3. Before and when backing, look behind for small children.
4. Never carry children while operating the machine. They may fall off and be seriously injured or interfere with the safe operation of the machine.
5. Never allow children to play on the machine or attachment even when they are turned off.
6. Never allow children to operate the machine even under adult supervision.
7. Use extra care when approaching blind corners, shrubs, trees, or other obstructions that might hide children from sight.

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ASSEMBLING THE FUN/SURE CONNECT HITCH

WARNING: In order to avoid serious injury and death

Remove the front cover of the tractor housing before starting the installation and remove the lawnmower by following the instruction in the tractor manual.

NOTE 1: For the GR2020 Gasoline Tractors, the installation of the heat shield GR2720 is necessary before proceeding with the installation of the Hitch.

NOTE 2: For the GR2120-2 Diesel Tractors, the installation of the heat shield GR2730 is necessary before proceeding with the installation of the Hitch.

IMPORTANT: DO NOT discard the original heat shield which is supplied with the tractor. If you decide to permanently remove the subframe GR2700B, re-install the original heat shield on the exhaust of the tractor if you have no intent of re-installing the subframe GR2700B ever.

Attaching the Hitch to the Subframe
(Figures 1-1A)

1. **Figure 1:** Apply grease to the outside of the pivot bushings (item 5) and in the holes of the hitch's rear arms (item1).
2. **Figure 1:** Attach the front hitch (item 1) to the subframe (item 2) with two 5/8"NC x 2" lg. Bolts (item 3), four 5/8" flat washers (item 4), two pivot bushings (item 5), two lock washers (item 6) and two 5/8"NC nylon insert nuts (item 7).
3. **Figure 1A:** Apply grease to the subframe pin (item 2) and the hitch pin (item 3).
4. **Figure 1A:** Attach the cylinder (item 1) to the subframe pin (item 2) and the hitch pin (item 3) with two 1/2" flat washers (item 4), and two 1/8" x 1" cotter pins (item 5).
5. **Figure 1A:** Attach the two lift levers (item 6) as shown with four 1/2" flat washers (item 4), and four 1/8" x 1" cotter pins (item 5).

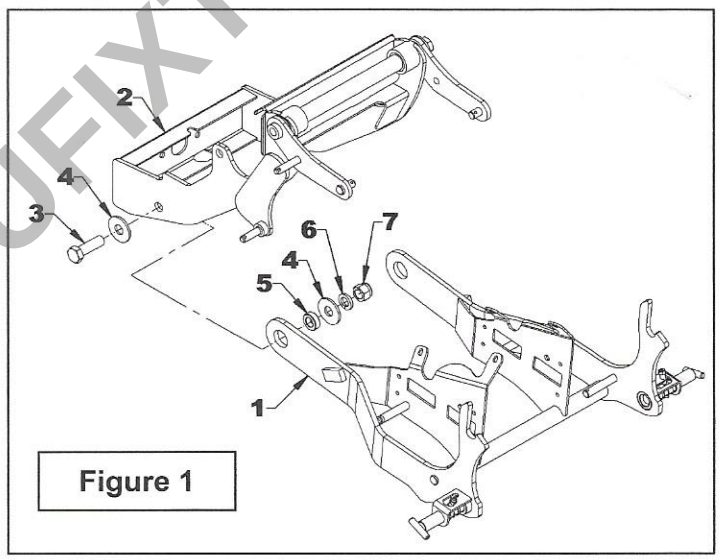


Figure 1

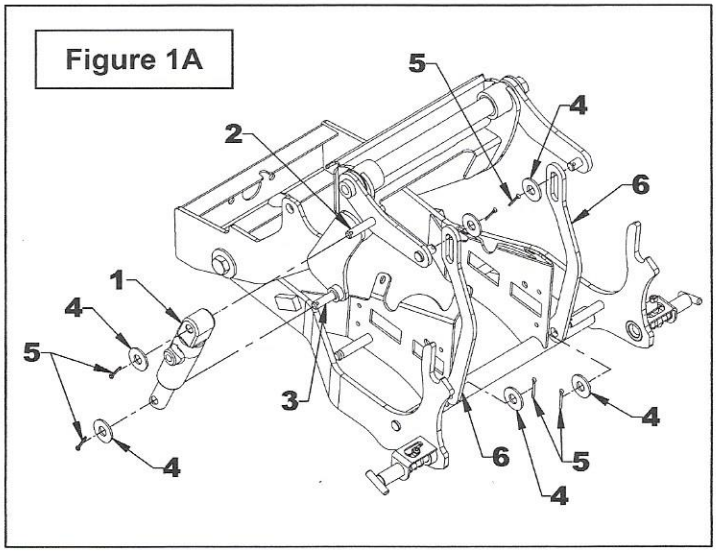


Figure 1A

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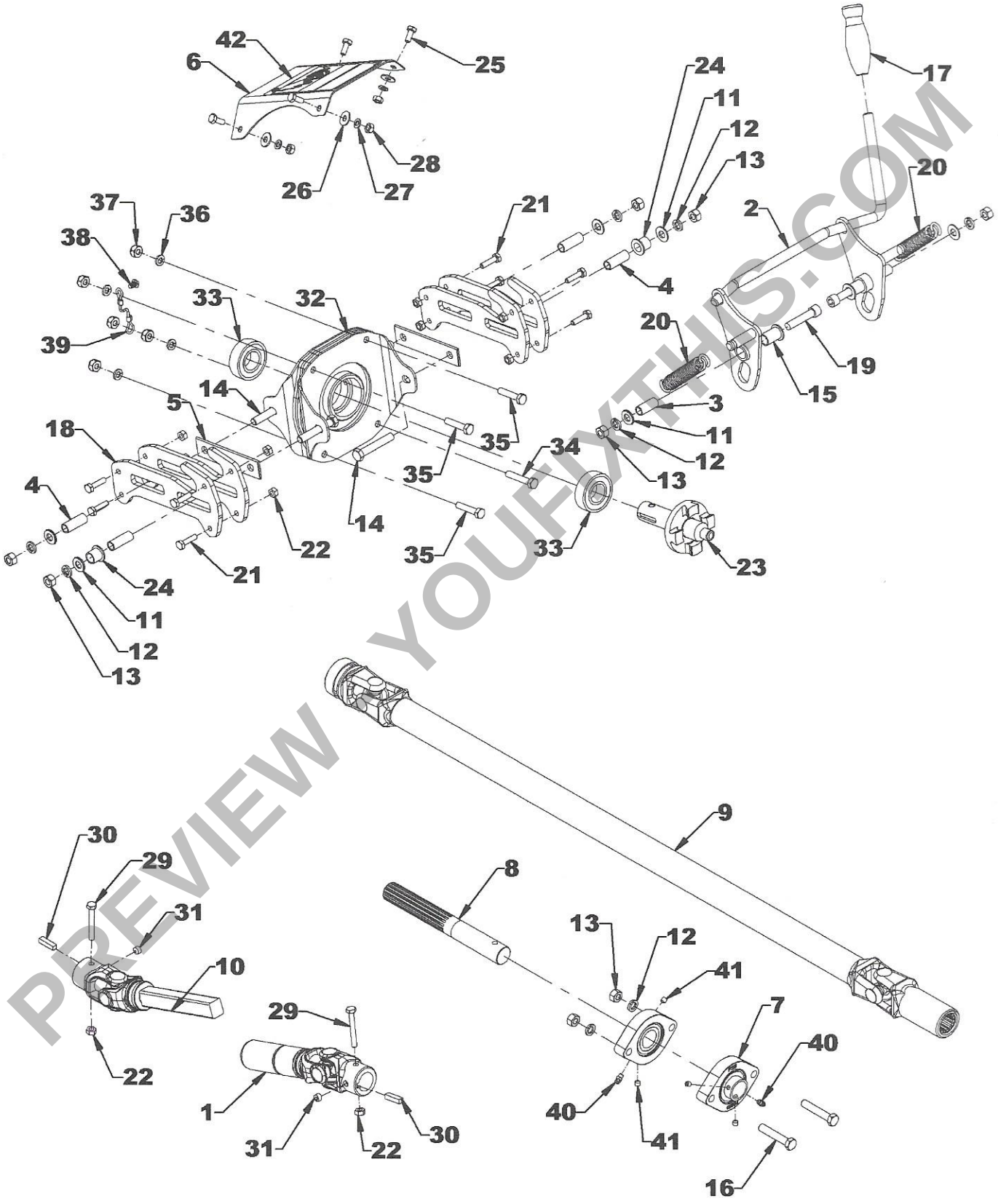
HITCH

REF.	DESCRIPTION	QTY	PART #	CODE
1	Subframe	1	77700-04097	670103
2	Front hitch	1	77700-04098	670104
3	Bushing 1 1/8" x 3/8" thick PTD	2	77700-04107	670110
4	Hex bolt 5/8"nc x 2", gr. 5, PTD	2	75599-01740	0100095
5	Flat washer 5/8" (11/16" int.) PTD	5	75599-32017	1400008
6	Nylon insert lock nut 5/8" NC PTD	2	77700-01199	1000012
7	"T" bolt 3/4"	2	77700-04105	670108
8	Compression spring	2	77700-04110	2200028
9	Lockwasher 5/8" PTD	3	70001-00804	1200007
10	Flat washer1/2" (9/16" int.) PTD	6	75599-32016	1400006
11	Cylinder simple action	1	70060-02473	3900295
12	Cotter pin1/8" x 1"	6	75599-53173	1500016
13	Allen socket head cap screw 10-24 x 1 3/4" gr.5	2	77700-01167	0800018
14	Lock dowel	2	77700-04108	670111
15	Nylon insert lock nut 0-24 NC PTD	2	77700-00991	1000002
16	Shoulder bushing 1 1/4" x 1 1/2"lg	2	77700-04111	4300100
17	Lifting arm	2	77700-04104	670107
18	Upper lever	1	77700-04102	670105
19	Left lever	1	77700-04103	670106
20	Hex bolt 5/8"nc x 1 1/4" gr.5 PTD	1	75599-01725	0100092
21	"T" pin 12 1/2" lg	1	77700-04106	670109
22	Hairpin 3mm x 65mm (1/8" x 2 9/16" lg)	1	70060-00000	1800004
23	Hex. bolt 1/4" NC x 3/4" gr.5 PTD	4	75599-01115	0100003
24	Flat washer 1/4" (5/16" int.) PTD	4	75599-32011	1400002
25	Lockwasher 1/4" PTD	4	75599-33011	1200002
26	Hex. nut 1/4"NC PTD	4	75599-31011	0900001
27	Rear Driveshaft guard	1	77700-05012	670699

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DRIVE KIT – GR2704A



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OPERATION

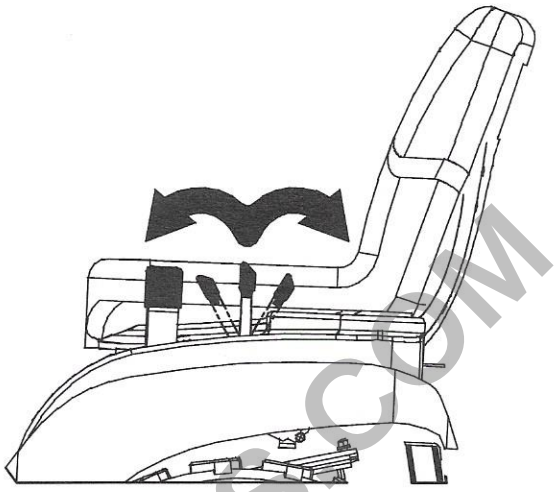
Up and Down Control

The hydraulic system of the hitch is the same as the one for the tractor mower.

Push the lawnmower latch located on the left side of the driver seat:

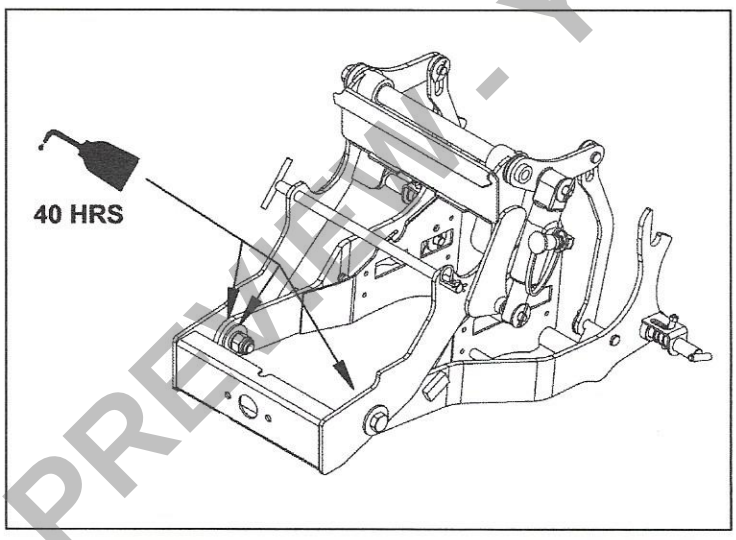
- **Backward:** to raise the equipment.
- **Forward:** to lower the equipment.

When the lifting lever is released, it goes back to its initial position at the center.



MAINTENANCE

1. Check the torque of the bolts holding the hitch together after the first 8 hours of use and after every 80 hours afterwards.
2. Lubricate the pivot points with chainsaw oil every 40 hours and before the annual storage.



STORAGE

Before storing the subframe or implement, certain precautions should be taken to protect it from deterioration.

1. Clean the subframe and implement thoroughly.
2. Make all the necessary repairs.
3. Replace all safety signs that are damaged, lost, or otherwise become illegible. If a part to be replaced has a sign on it, obtain a new safety sign from your dealer and install it in the same place as on the removed part.
4. Repaint all parts from which paint has worn or peeled.
5. Lubricate the subframe and implement as instructed under **"Lubrication"** section.
6. When the subframe and implement are dry, oil all moving parts. Apply oil liberally to all surfaces to protect against rust.
7. Store in a dry place.

1. If equipment has hydraulic components, install protective plugs and caps on the quick couplers

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INTRODUCTION

TO THE PURCHASER

All products are designed to give safe, dependable service if they are operated and maintained according to instructions. **Read and understand this manual before operation.**

This manual has been prepared to assist the owner and operators in the safe operation and suitable maintenance of the implements. The information was applicable to products at the time of manufacture and does not include modifications made afterwards.

Read and understand this operator's manual before attempting to put an implement into service. Familiarize yourself with the operating instructions and all the safety recommendations contained in this manual and those labelled on the implements and on the tractor. Follow the safety recommendations and make sure that those with whom you work follow them.

Illustrations

The illustrations may not necessarily reproduce the full detail and the exact shape of the parts or depict the actual models, but are intended for reference only.

Direction Reference

All reference to right and left, forward or rearward, are from the operator's seat, facing the steering wheel.

To assist your dealer in handling your needs, please record hereafter the model number and serial number of your implement and tractor. It is also advisable to supply them to your insurance company. It will be helpful in the event that an implement or tractor is lost or stolen.

	TRACTOR	IMPLEMENT
MODEL:		
SERIAL NUMBER:		
DATE OF PURCHASE:		
DEALER NAME:		

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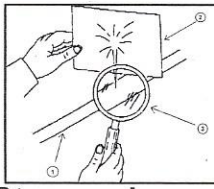
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FOR THE GR2120 TRACTOR (diesel)
(Figures 11, A, B, below)

WARNING: To avoid serious personal injury. Escaping hydraulic/ diesel fluid under pressure can penetrate the skin causing serious injury.

- **Do not use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.**





1. Hydraulic hose
2. Cardboard
3. Magnifying glass

- **Stop engine and relieve pressure before connecting or disconnecting lines.**
- **Tighten all connections before starting engine or pressurizing lines.**
- **If any fluid is injected into the skin, obtain medical attention immediately or gangrene may result.**

7. Pass the two hoses along the frame on the left side, with one tractor hose (item 10). Attach without tightening with a tie wrap at the place indicated by the letter **A** on **figure 11A.**

8. Look for the steel tubes of the tractor hydraulic system (item 11) and pass the two hoses close. Attach without tightening with a tie wrap the two hoses (item 1 & 2) to the steel tubes of the tractor hydraulic system (item 11) at the place indicated by the letter **B** on **figure 11B**.

9. Then pass the hoses on the right side of the tractor following the electric system loom (item 12). Attach without tightening with a tie wrap the two hoses (item 1 & 2) to the electric system loom (item 12) at the place indicated by the letter **C** on **figure 11B**.

10. Bring out the hoses (item 1 & 2) from the free space behind the motor support (item 13).

11. Get out from under the tractor and go to the right front side of the tractor. Pull out a 30" average length of the 60" hose (item 1) and a 12" average length of the 75" hose (item 2). Attach the hoses individually with a tie wrap to the frame plate of the tractor indicated by the letter **D** on **figure 11A**.

12. Install the 23" lg protective nylon sheath (item 14) over the 60" hose (item 1).

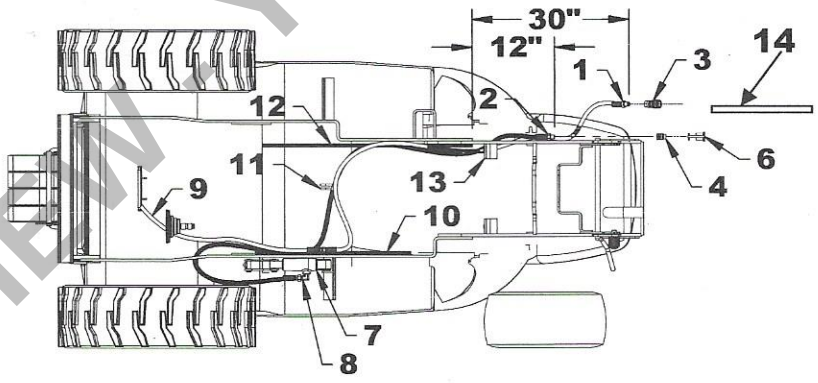


Figure 11 - GR2120 - diesel

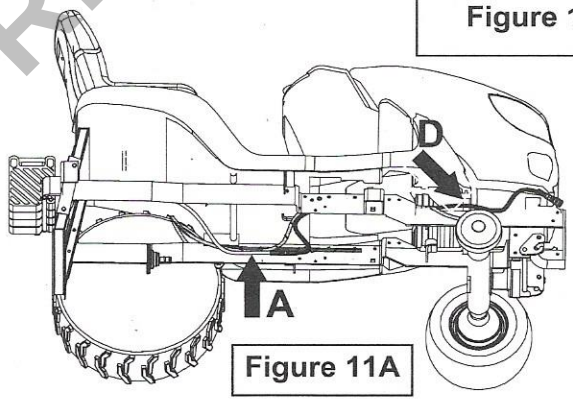


Figure 11A

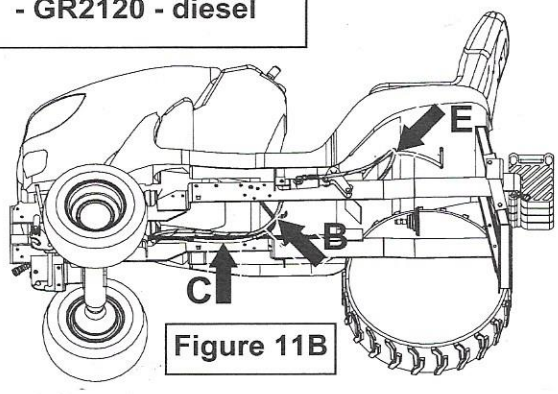


Figure 11B

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