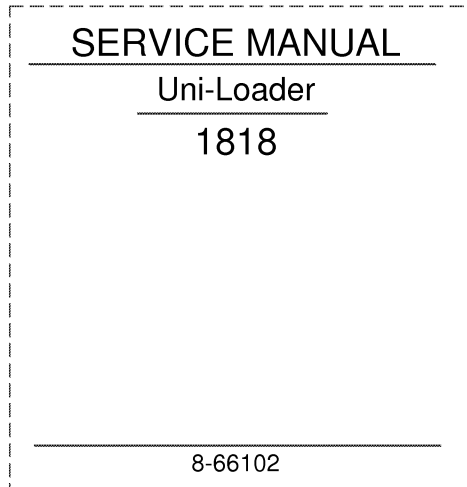


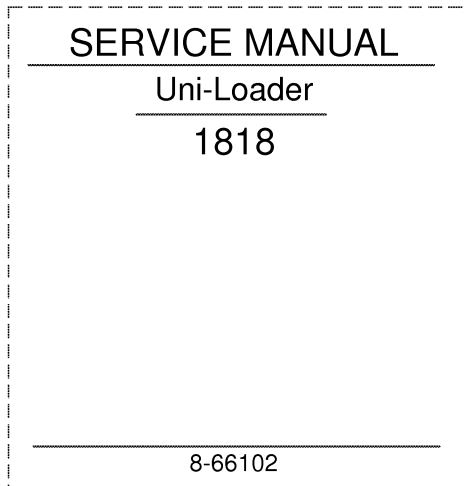
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



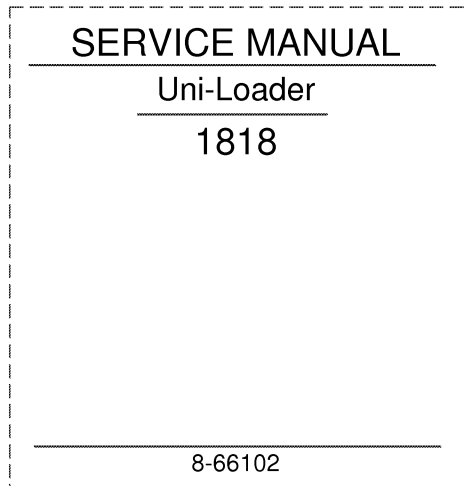
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

1818 Uni-Loader Service Manual

8-66102

Table of Contents

Description	Section No.	Form No.
General		
	Tab 1	
Safety Rules, Service Manual Introduction, and Torque Specifications	1001	8-68110
Fluids and Lubricants	1002	8-17800
Engine Specifications for Onan P218 2 Cylinder Gasoline Engine	1010	8-58750
Engine Specifications for Kubota D850 3 Cylinder Diesel Engine	1024	8-58740
General Machine Specifications	1210	8-68120
Engines		
	Tab 2	
Engine Removal and Installation and Radiator Removal and Installation	2000	8-68160
Engine Accessories (Air Cleaner and Muffler)	2001	8-68170
Cylinder Head, Valves and Camshaft for Onan P218 2 Cylinder Gasoline Engine	2015	8-57810
Cylinder Head and Valve Train for Kubota D850 3 Cylinder Diesel Engine	2015	8-57730
Engine Camshaft and Fuel Camshaft for Kubota D850 3 Cylinder Diesel Engine	2020	8-58610
Cylinder Block, Pistons and Connecting Rods for Onan P218 2 Cylinder Gasoline Engine	2025	8-57820
Cylinder Block, Pistons and Connecting Rods for Kubota D850 3 Cylinder Diesel Engine	2025	8-57740
Crankshaft, Main Bearings, Flywheel, and Oil Seals for Onan P218 2 Cylinder Gasoline Engine	2035	8-57830
Crankshaft, Main Bearings, Flywheel, and Oil Seals for Kubota D850 3 Cylinder Diesel Engine	2035	8-57750
Lubrication Components for Onan P218 2 Cylinder Gasoline Engine	2045	8-57840
Lubrication Components for Kubota D850 3 Cylinder Diesel Engine	2045	8-57760
Cooling System for Kubota D850 3 Cylinder Diesel Engine	2055	8-57770
Ignition System for Onan P218 2 Cylinder Gasoline Engine	2065	8-58690
Engine Lubrication for Kubota D850 3 Cylinder Diesel Engine	2555	8-57780
Fuel Systems		
	Tab 3	
Carburetor and Fuel Pump for Onan P218 2 Cylinder Gasoline Engine	3002	8-58680
Fuel Pump and Injection Pump for Kubota D850 3 Cylinder Diesel Engine	3312	8-58540
Fuel Injectors and Glow Plugs for Kubota D850 3 Cylinder Diesel Engine	3313	8-58530
Electrical		
	Tab 4	
Removal and Installation for Electrical Components	4000	8-68190
Electrical Specifications and Troubleshooting	4002	8-68201
Electrical Schematics	4003	8-68211
Instruments and Gauges	4004	8-68220

CASE CORPORATION
700 State Street
Racine, WI 53404 U.S.A.

CASE CANADA CORPORATION
450 Sherman Avenue
Hamilton, ON L8N 4C4 CANADA

Bur 8-69352

© 2001 Case Corporation
Printed in U.S.A.
May, 1991 (Revised January, 2001)

1818 Uni-Loader Service Manual

8-66102

Table of Contents

Description	Section No.	Form No.
Battery	4005	8-44360
Starter and Solenoid for Onan P218 2 Cylinder Gasoline Engine	4006	8-57860
Starter Motor for Kubota D850 3 Cylinder Diesel Engine	4006	8-57790
Alternator and Rectifier / Regulator Unit for Onan P218 2 Cylinder Gasoline Engine	4007	8-57870
Alternator and Regulator for Kubota D850 3 Cylinder Diesel Engine	4007	8-57800
Power Train Tab 6		
Removal and Installation of Power Train Components	6000	8-68230
Maintenance	6001	8-68240
Hydrostatic System Troubleshooting	6002	8-17820
Piston Pump	6004	8-68260
Motor	6005	8-68270
Sprocket, Chains, and Axles	6007	8-68290
Drive Belts	6010	8-68300
Wheels and Tires	6011	8-68310
Hydraulics Tab 8		
Removal and Installation of Hydraulic Components	8000	8-68330
Maintenance	8001	8-68340
Hydraulic Schematics, Specifications and Troubleshooting	8002	8-17830
Cleaning the Hydraulic System and Hydrostatic System	8003	8-68360
Hydraulic pump	8004	8-68370
Loader Control Valve	8005	8-68380
Auxiliary Control Valve	8006	8-68390
Cylinders	8090	8-68400
Mounted Equipment Tab 9		
Pedals and Levers	9000	8-17840
Loader	9001	8-68410
ROPS Canopy, Seat, Seat Belts, and Operators Compartment	9003	8-68420
Auxiliary Hydraulic Installation	9004	8-68430
Rear Pocket In Rear Pocket		
Electrical Schematic, Gasoline Engine		B87793
Electrical Schematic, Diesel Engine		B87794
Hydraulic Schematic		B87969
Electrical Schematic Foldout Gasoline and Diesel Engines		6-41550

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

1001

SAFETY RULES SERVICE MANUAL INTRODUCTION AND TORQUE SPECIFICATIONS

TABLE OF CONTENTS

Safety Rules	1001-2	Grade 8.8 Bolts, Nuts, and Studs	1001-7
Service Manual Introduction	1001-5	Grade 10.9 Bolts, Nuts, and Studs	1001-7
Torque Specifications	1001-6	Grade 12.9 Bolts, Nuts, and Studs	1001-7
Grade 5 Bolts, Nuts, and Studs	1001-6	Steel Hydraulic Fittings	1001-8
Grade 8 Bolts, Nuts, and Studs	1001-6	Split Flange Mounting Bolts	1001-8



SAFETY RULES



Most accidents involving machine operation and maintenance can be avoided by following basic safety rules and precautions. Read and understand all the safety messages in this manual, the safety manual, and the safety signs on the machine before you operate or service the machine.

Read the operators manual and make sure you understand the operation of the machine.

The safety information given in this manual does not replace safety codes, insurance needs, federal, state, and local laws.

IMPORTANT: *Safety messages in this section point out situations which can be encountered during the normal operation and maintenance of your machine. These safety messages also give possible ways of dealing with these conditions.*

Additional safety messages are used in the text of the manual to show specific safety hazards.



Operators Manual Storage

876245



BEFORE OPERATION



Do not wear loose clothing or jewelry that can catch on controls, etc. Safety shoes, heavy gloves, ear protection, etc., can also be required for your protection.

Foreign material or grease on the steps and hand rails can cause an accident. Keep the steps and hand rails clean.

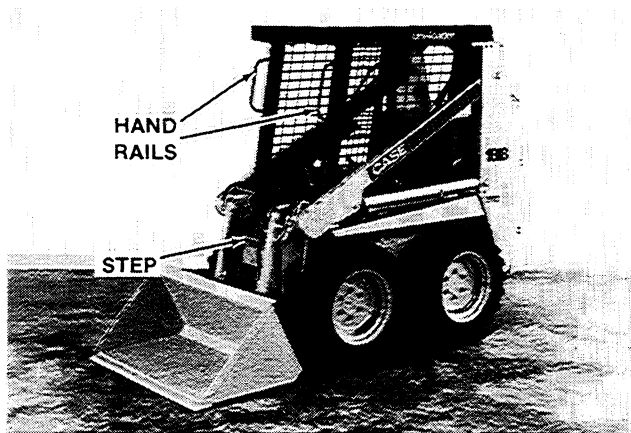
Remove all loose objects from the operators area and from the machine. Loose objects can jam controls and cause accidents.

Engine exhaust fumes can cause death. If you operate this machine in an enclosed area, use good ventilation to replace the exhaust fumes with fresh air.

Make sure all persons are away from the machine before you start the engine.

Before you start the engine, always fasten the seat belt and pull down the operators protection bars.

Use hand rails and step provided. Do not rush.





MACHINE OPERATION



Check all controls in a clear area and make sure the machine is operating correctly.

Do not allow another person to ride on the machine. This other person can fall or can cause an accident.

Be alert, always know the location of all workers in your area. Keep all other persons completely away from your machine. Injury or death can result if you do not follow these instructions.



PARKING THE MACHINE



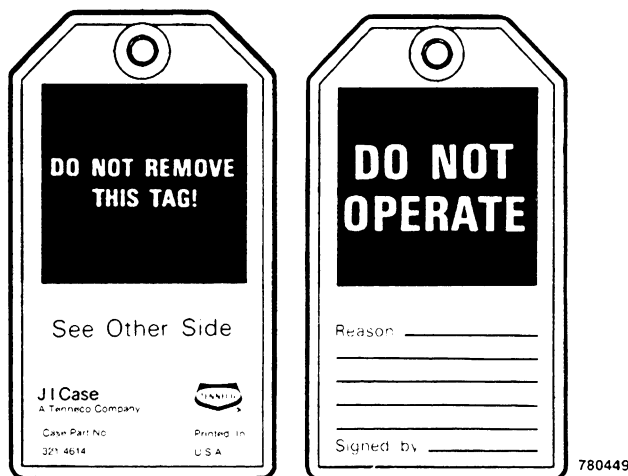
When you park the machine and before you leave the operators area, lower the loader bucket to the ground or support the loader lift arms with the support strut and stop the engine.



MAINTENANCE



When you service the machine, put a Do Not Operate tag on the instrument panel. A Do Not Operate tag (Case part number 321-4614) is included with each new machine. Extra tags are available from your Case dealer.



780449

Improper service or repair can cause injury or death. If you do not understand a service or adjustment procedure, see the correct section in this manual.

Unauthorized modifications to this machine can cause injury or death. Do not make unauthorized modifications to this machine.

If you must service this machine with the engine running, have another person help you. Follow the instructions in this manual. Do not leave the operators seat with the engine running.

Metal chips or debris can cause eye injury. Always wear eye or face protection when you use a hammer on this machine. Use a hammer with a soft face, such as brass, to drive hardened pins.

When adding air to a tire, always stand behind the tread of the tire and use a self-adjusting chuck. Explosive separation of the tire can result if you overinflate. When tire service is necessary, have a qualified tire mechanic service the tire.

Hydraulic fluid or grease injected into your skin can cause severe injury or death. Keep your hands and body away from any pressurized leak. If fluid is injected into your skin, see a doctor immediately and have the fluid removed.



FIRE OR EXPLOSION PREVENTION



Engine fuel can cause an explosion or fire. Do not fill the fuel tank with the engine running, if you are near an open fire, or if you are welding, smoking, etc.

Use nonflammable cleaning solvent to clean parts.

Sparks or flame can cause the hydrogen gas in a battery to explode. To prevent an explosion, do the following:

1. When disconnecting the battery cables, disconnect the negative (-) cable first; when connecting the battery cables, connect the negative (-) cable last.
2. When connecting jumper cables to start the engine, use the procedure shown in this manual.
3. Do not short circuit the battery posts with metal items.

4. Do not weld, grind, or smoke near a battery.

Sparks from the electrical system or engine exhaust can cause a fire or an explosion. Before you operate this machine in an area with flammable dust or vapors, use good ventilation to remove all flammable dust or vapors.

A fire can cause injury or death. Always have a fire extinguisher near the machine. Make sure the fire extinguisher is serviced according to the manufacturer's instructions.

Remove all trash or debris from the machine. Make sure that oily rags or other flammable materials are not stored on the machine.

Check for fuel, oil, and hydraulic fluid leaks. Replace worn or damaged hoses/lines. After repairs are made, clean the machine before you operate.



BURN PREVENTION



Battery acid causes severe burns. Batteries contain sulfuric acid. Avoid contact with skin, eyes, or clothing. Antidote - EXTERNAL: flush with water. INTERNAL: drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Call a doctor immediately. EYES: flush with water for 15 minutes and get prompt medical attention.

When the battery electrolyte is frozen, the battery can explode if, (1) you try to charge the bat-

tery, (2) you try to jump start and run the engine. To prevent the battery electrolyte from freezing, try to keep the battery at full charge. If you do not follow these instructions, you or others in the area can be injured.

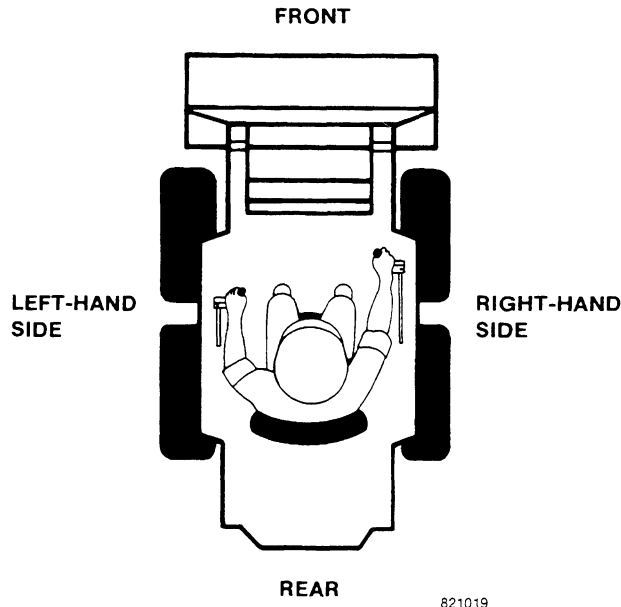
Hot coolant can spray out if the radiator cap is removed. To remove the radiator cap, let the cooling system cool, turn to the first notch, then wait until the pressure is released.

SERVICE MANUAL INTRODUCTION

This service manual has been prepared with the latest service information available. Troubleshooting, removal, disassembly, inspection and installation procedures, and complete specifications and tightening references can be found in most sections. Some sections have drawings but no written procedure because the job is so easily done. This service manual is one of the most important tools available to the service technician.

Right, Left, Front, and Rear

The terms right-hand and left-hand and front and rear as used in this manual indicate the right and left sides, and front and rear of the machine as seen from the operator's seat for correct operation of the machine or attachment.



Text

If the service manual is for more than one machine or different models of components (planetary axles, gear boxes, control valves, etc.) the procedures have the steps necessary to service each model.

Table of Contents

A Table of Contents is in the front of this manual. The Table of Contents shows the main divisions and the sections that are in each division. The individual sections, where necessary, have a Table of Contents on the cover or second page of that section.

Page Numbers

All page numbers are made of two numbers the separated by a dash, such as 4002-9. The number dash before the dash is the section number. The number following is the page number in that section. Page numbers will be found at the upper right or left of each page.

Illustrations

Illustrations are put as near as possible to the text and are to be used as part of the text.

Special Tools

Special tools are needed to remove and install, disassemble and assemble, check, and adjust some components parts of this machine. Some special tools can be easily made locally and the necessary information to make the tool is in this service manual. Other special tools are more difficult to make locally and are available from Service Tools in the U.S. and from Jobborn Manufacturing in Canada. Use these tools according to the instructions in this service manual for your personal safety and to do the job correctly.

Order special tools from either of the following companies:

Service Tools
P.O. Box 314
Owatonna, Minnesota 55060

Jobborn Manufacturing Co.
97 Frid Street
Hamilton, Ontario L8P 4M3
Canada

2000

ENGINE REMOVAL AND INSTALLATION AND RADIATOR REMOVAL AND INSTALLATION

TABLE OF CONTENTS

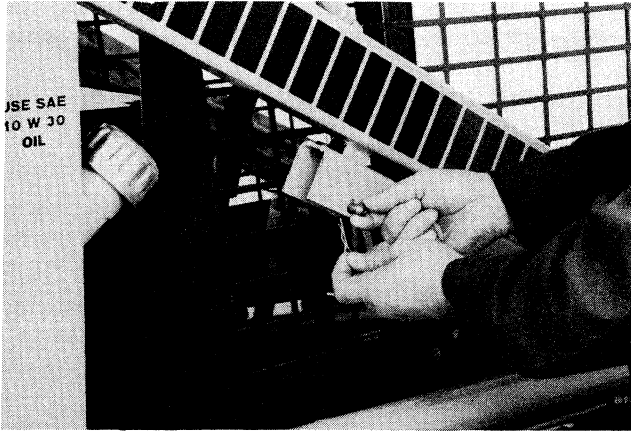
Gasoline Engine	2000-2	Radiator	2000-24
Removal	2000-3	Removal	2000-25
Installation	2000-8	Installation	2000-26
Diesel Engine	2000-12	Engine Pulley	2000-28
Removal	2000-13	Removal	2000-28
Installation	2000-18	Installation	2000-28

Removal

STEP 1

Park the machine on a level surface.

STEP 2



876250

Remove the pins that hold the strut in position and lower the strut onto the lift cylinder.

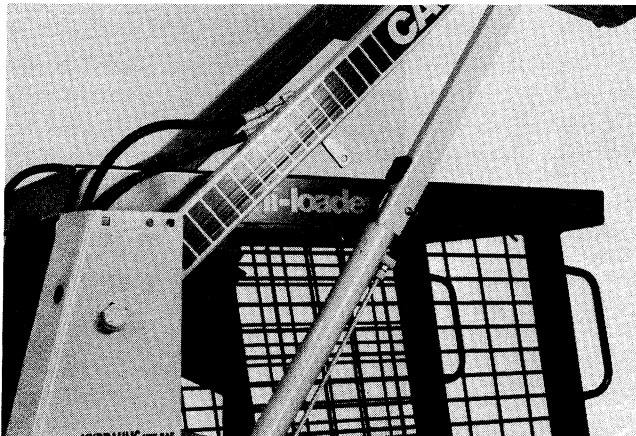
STEP 3

Start the engine and run the engine at low idle.

STEP 4

Move the machine forward and backward as required to make sure that the pin in each parking latch engages the cluster sprocket.

STEP 5



876252

Raise the loader frame until the strut falls onto the piston rod. Then lower the loader frame until the strut is against the end of the lift cylinder. Stop the engine. Put the clutch control lever in the OFF position.

STEP 6



876251

Install the pins that hold the strut.

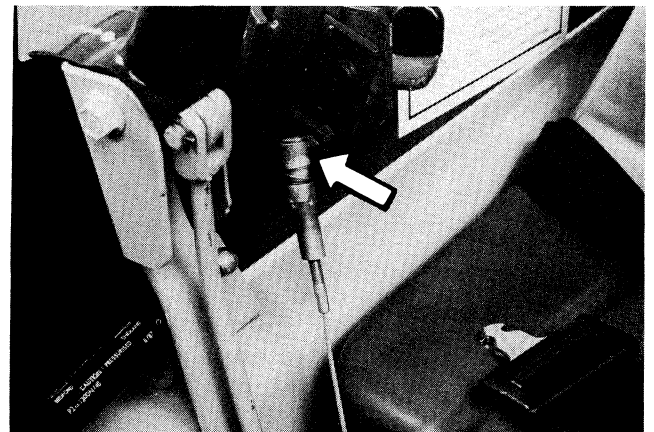
STEP 7



876214

Loosen and remove the cap screws, lock washers, and flat washers that fasten the ROPS canopy to the posts on the rear of the machine.

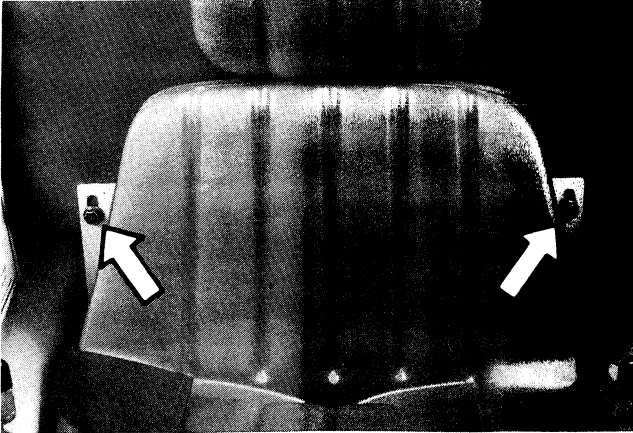
STEP 8



876240

Disconnect the cables from the protection bars. Push down the sleeve on the socket and remove the socket from the pin.

STEP 9



876238

Loosen and remove the cap screws that fasten the seat to the ROPS canopy.

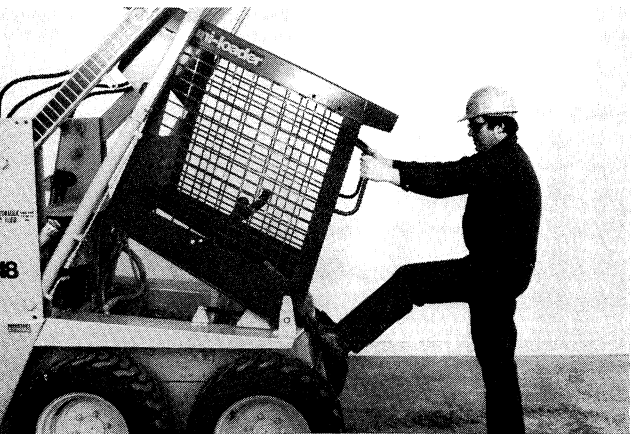
STEP 10



876237

Remove the seat and seat mounting plate from the machine.

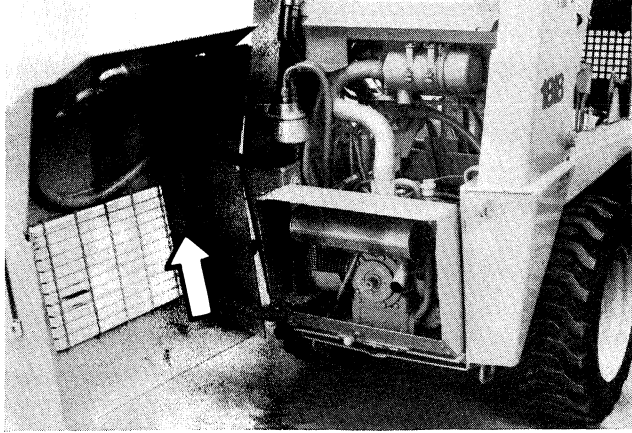
STEP 11



876235

Use the grab handles and tilt the ROPS canopy up and all the way forward.

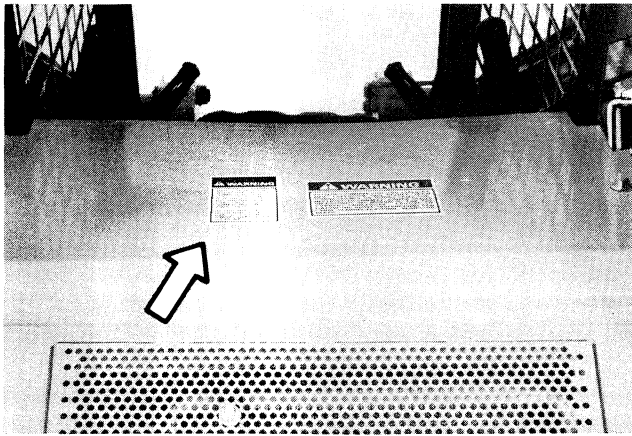
STEP 12



876347

Open the access door on the rear of the machine.

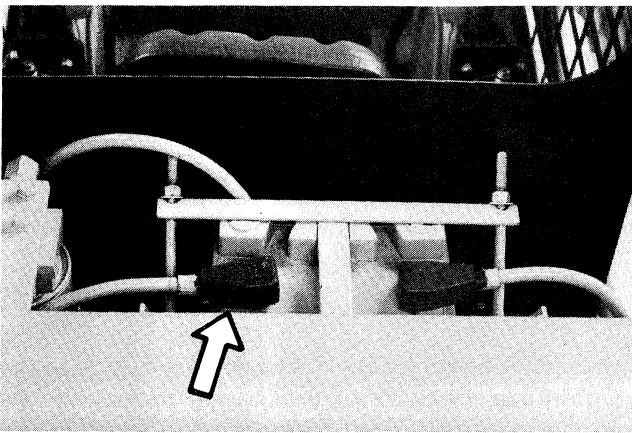
STEP 13



876277

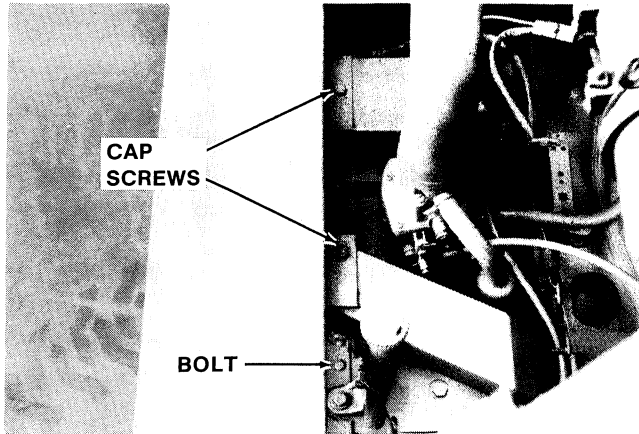
Remove the battery cover from the machine.

STEP 14



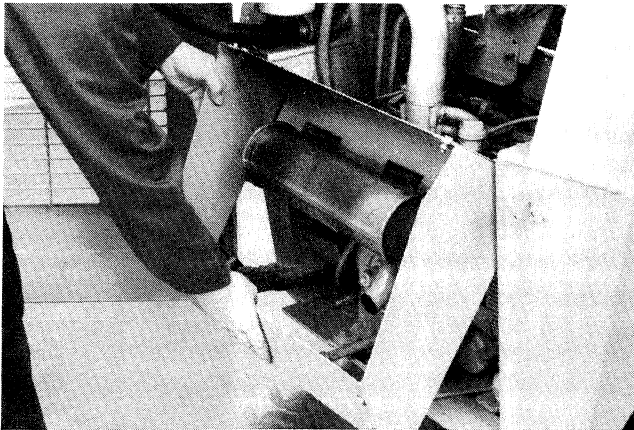
876223

Disconnect the ground cable from the negative terminal on the battery.

STEP 15

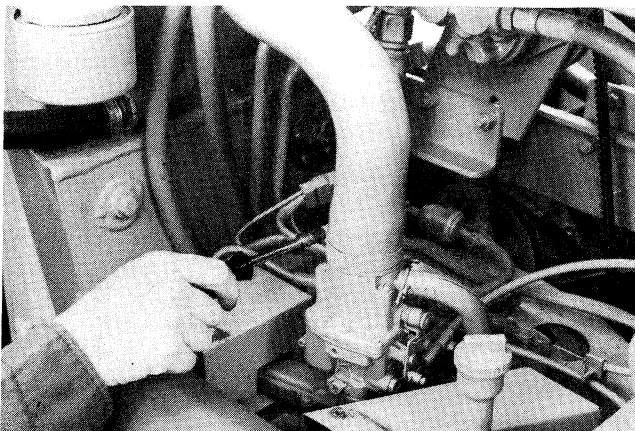
876346

Loosen and remove the bolts, lock washers, and nuts that fasten the bottom of the engine shroud to the frame. Loosen and remove the cap screws and lock washers that fasten the top of the engine shroud to the exhaust manifold cover.

STEP 16

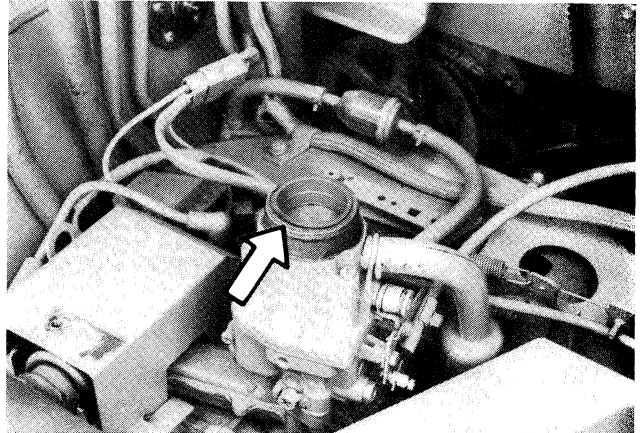
876345

Pull the bottom of the engine shroud out and remove the engine shroud from the machine.

STEP 17

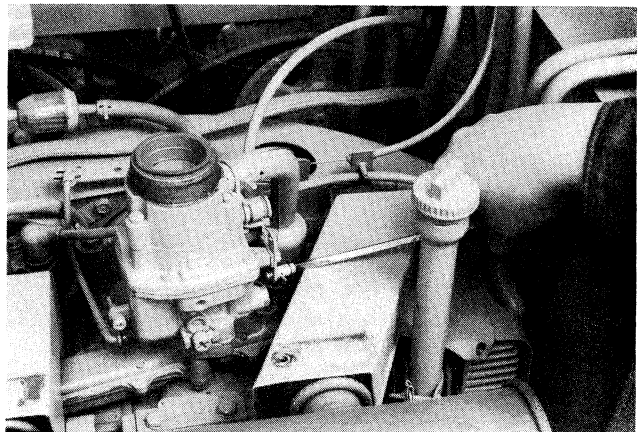
876344

Loosen the clamps that fasten the hose to the carburetor and the air cleaner. Remove the hose from the carburetor and the air cleaner.

STEP 18

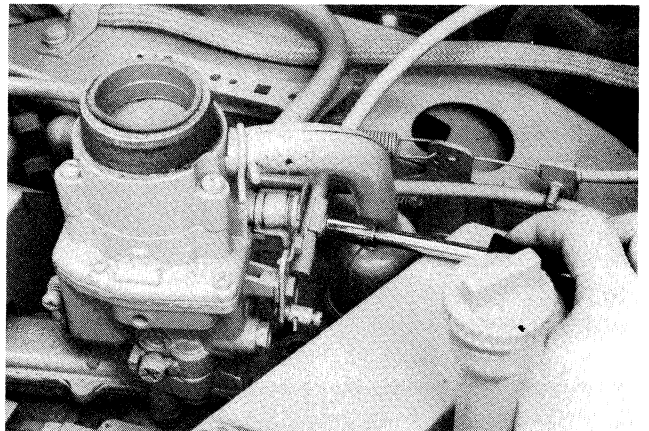
876343

Cover the opening in the carburetor.

STEP 19

876342

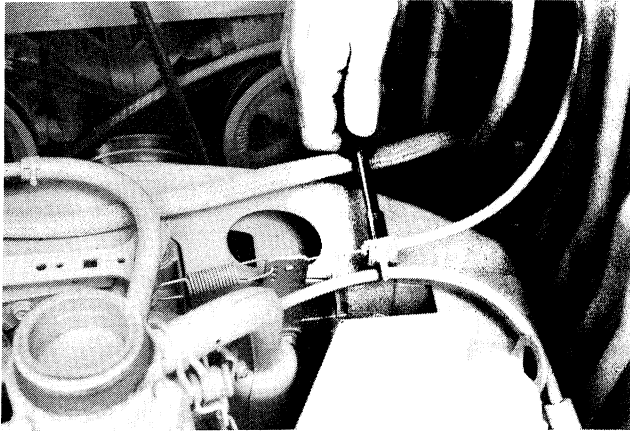
Loosen the screw that fastens the choke cable to the choke linkage.

STEP 20

876341

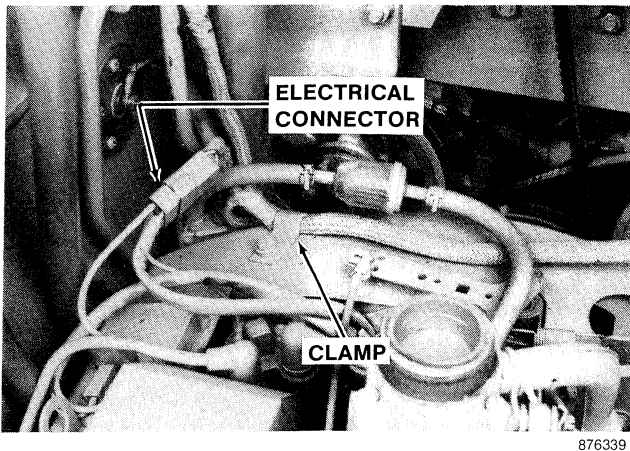
Loosen the screw that holds the choke cable to the carburetor. Remove the cable from the carburetor. Move the choke cable out of the way.

STEP 21



Loosen the screw that fastens the throttle cable to the throttle cable mounting bracket. Remove the throttle cable from the throttle cable mounting bracket. Move the throttle cable out of the way.

STEP 22

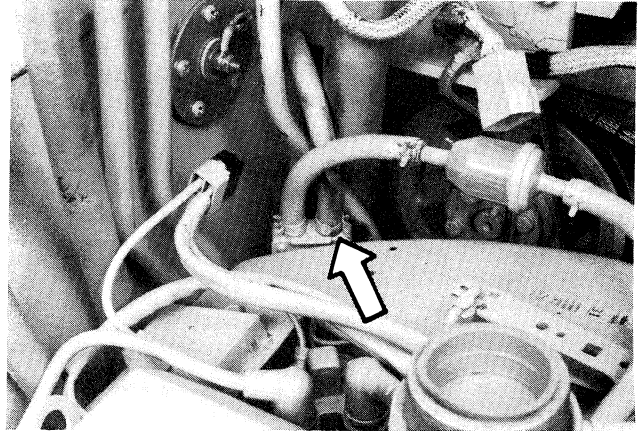


Disconnect the electrical connector from the engine harness.

STEP 23

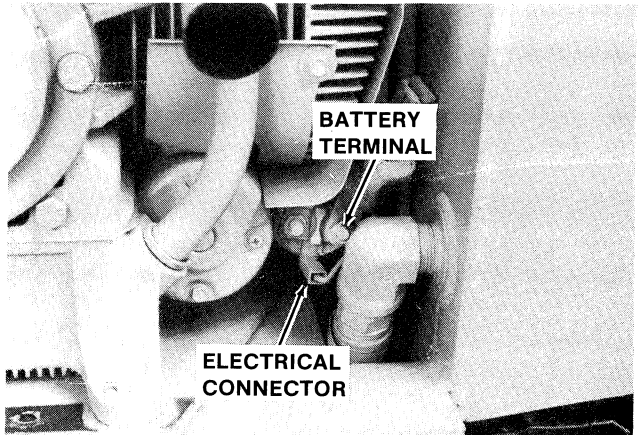
Loosen and remove the cap screw, lock washer, and clamp that fastens the wiring harness to the engine (see photo for step 22). Move the wiring harness out of the way.

STEP 24



Disconnect the hose for the fuel tank from the fitting on the fuel pump. Fasten the hose out of the way.

STEP 25

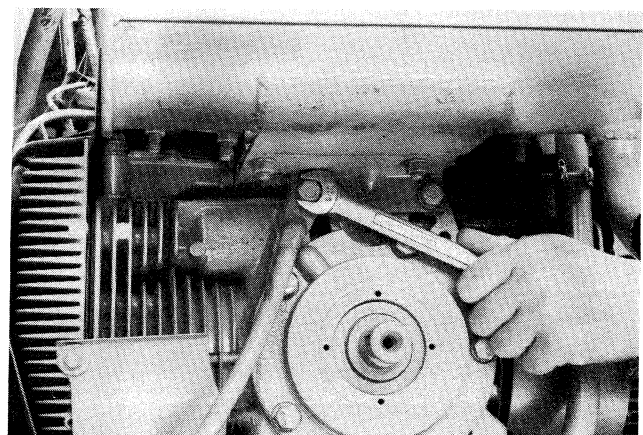


Disconnect the electrical connector from the terminal on the starter solenoid.

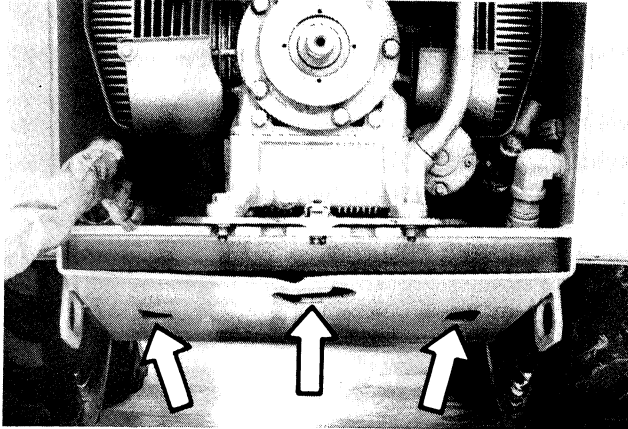
STEP 26

Disconnect the wires from the battery terminal on the starter solenoid (see photo for step 25).

STEP 27

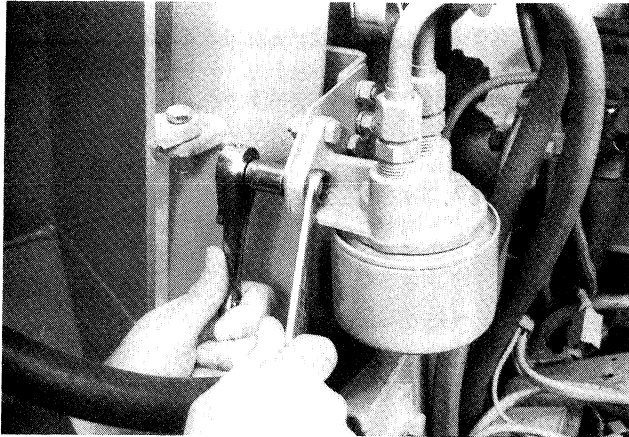


Loosen and remove the cap screw and lock washer that fasten the ground cable to the engine.

STEP 28

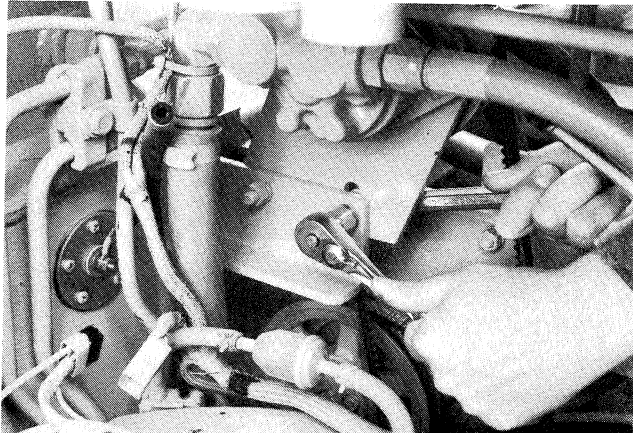
876348

Loosen and remove the cap screws and lock washers that fasten the engine mounting plate to the frame.

STEP 29

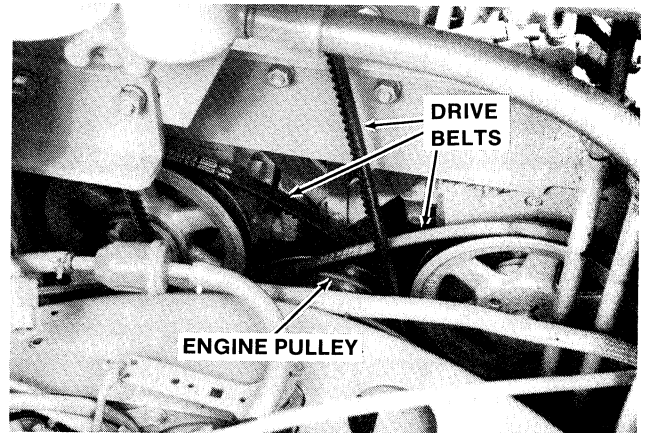
876333

Loosen and remove the bolts, lock washers, and nuts that fasten the engine oil filter to the filter mounting bracket. Fasten the hoses and engine oil filter to the engine.

STEP 30

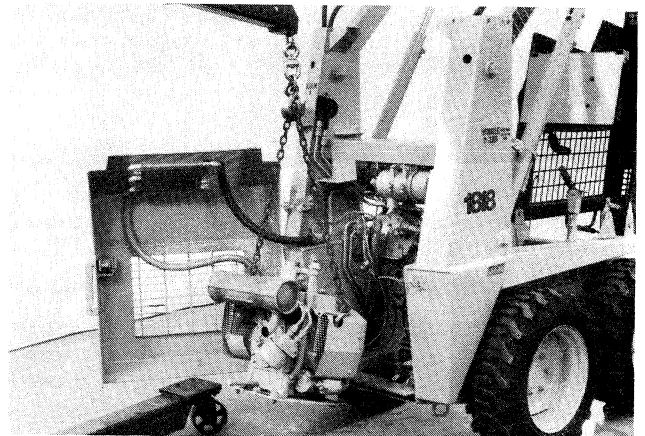
876334

Loosen the nuts on the bolts that fasten the equipment pump to the mounting bracket. Move the equipment pump down, and remove the drive belt from the pulley on the equipment pump.

STEP 31

876332

Move the engine toward the rear of the machine until the belts can be removed from the pulley on the engine. Remove the belts from the pulley on the engine.

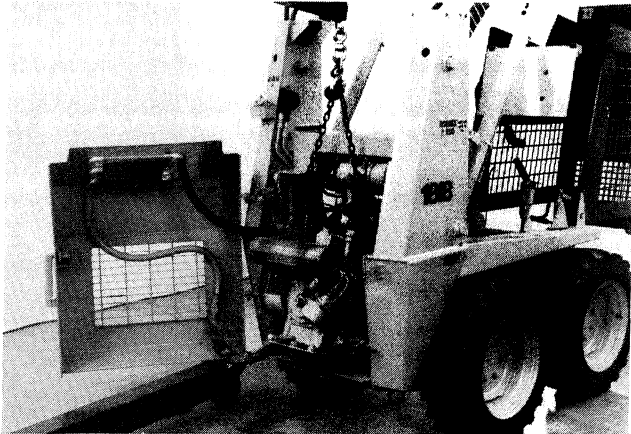
STEP 32

876330

Connect acceptable lifting equipment to the lifting eyes on the engine. Lift the engine until the starter solenoid is clear of the fitting on the hydraulic tank. Move the engine toward the rear of the machine and remove the engine from the machine.

Installation

STEP 1



876329

Put the engine in position at the rear of the machine.

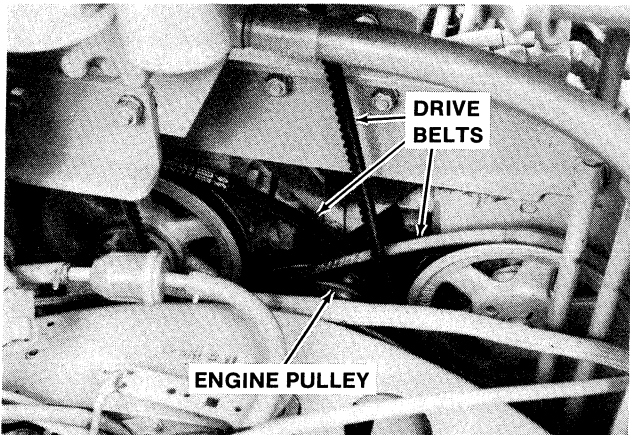
STEP 2

Move the engine toward the front of the machine until the starter solenoid is clear of the fitting on the hydraulic tank.

STEP 3

Remove the lifting equipment from the engine.

STEP 4



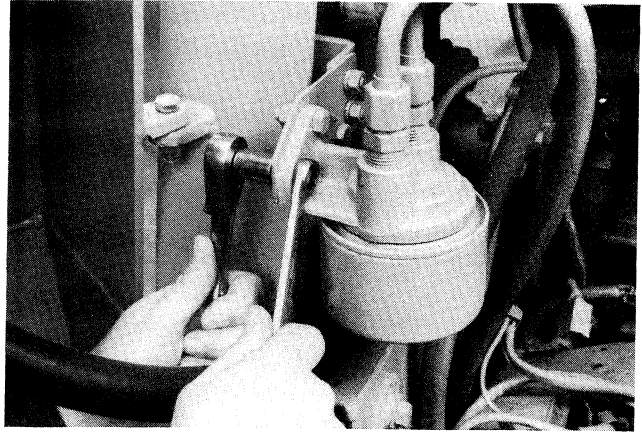
876332

Move the engine as required to install the pump drive belts on the engine pulley. Install the pump drive belts on the engine pulley.

STEP 5

Install the drive belt on the equipment pump pulley.

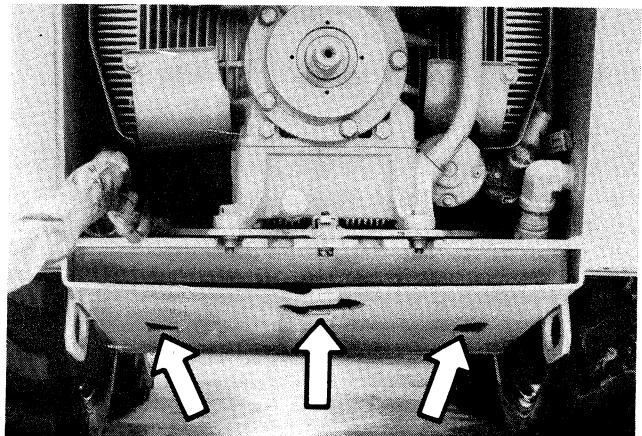
STEP 6



876333

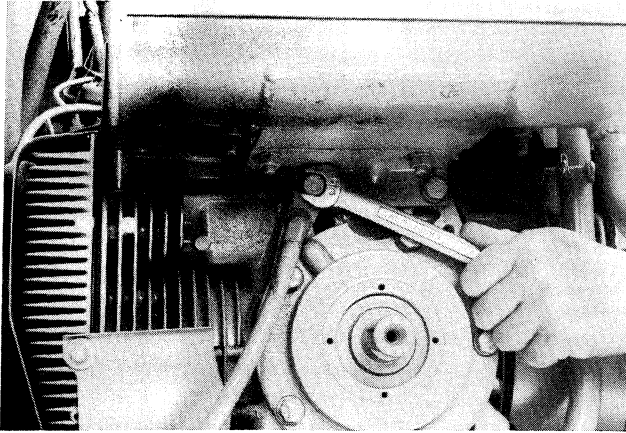
Put the engine oil filter in position on the mounting bracket. Install the bolts, lock washers, and nuts that fasten the engine oil filter to the mounting bracket.

STEP 7



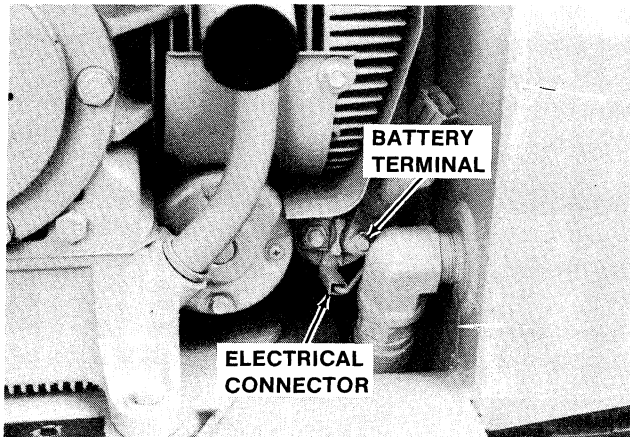
876348

Align the holes in the engine mounting plate with the holes in the frame. Install the cap screws and lock washers that fasten the engine and mounting plate to the frame. Tighten the cap screws to 80 to 96 pound-feet (108 to 130 Nm).

STEP 8

876336

Put the ground cable in position on the engine. Install the cap screw and lock washer that fasten the ground cable to the engine.

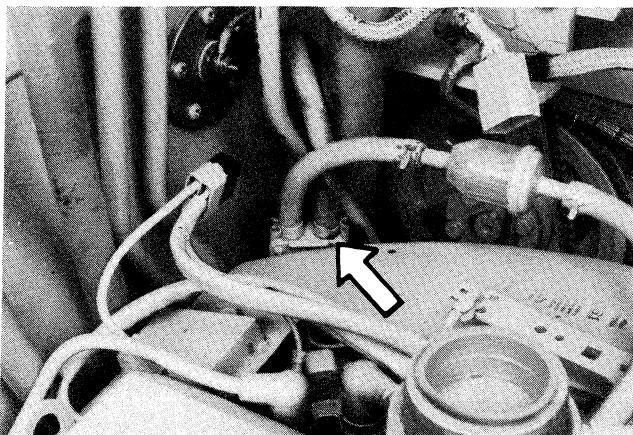
STEP 9

876337

Connect the electrical connector to the terminal on the starter solenoid.

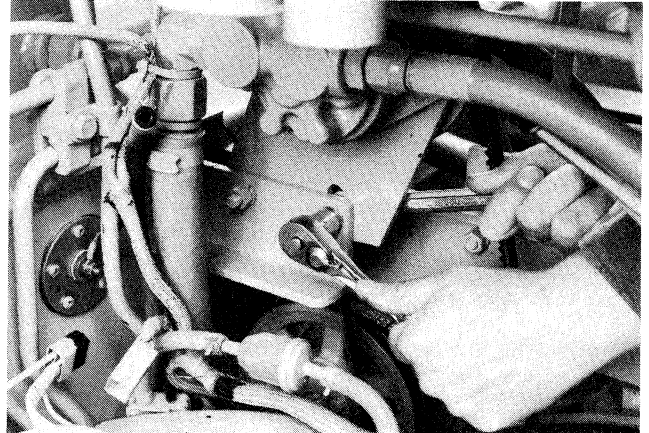
STEP 10

Connect the wire to the battery terminal on the starter solenoid (see photo for step 9).

STEP 11

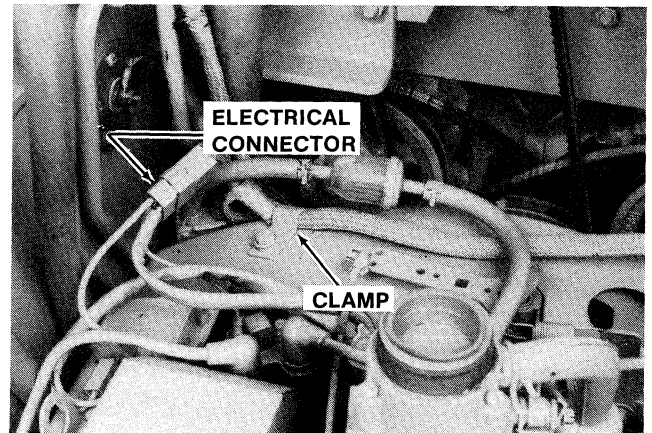
876335

Connect the hose to the fuel pump on the engine.

STEP 12

876334

Adjust the pump drive belt for the equipment pump until there is about 1/8 inch (3 mm) deflection. If you use a tension gauge, adjust the belt to 80 pounds (36.3 kg) tension. Tighten the nuts on the bolts that fasten the equipment pump to the mounting brackets.

STEP 13

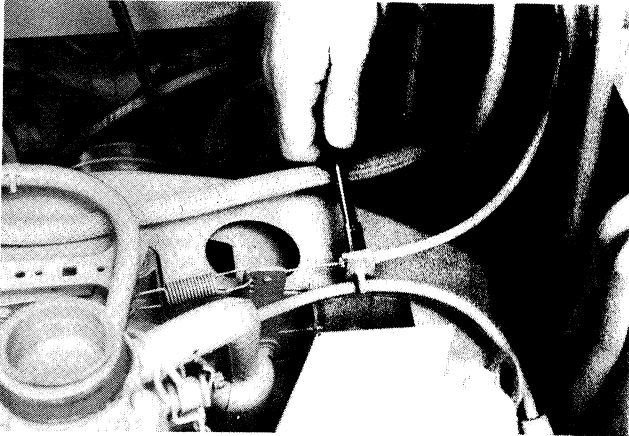
876339

Put the wiring harness in position on the engine. Install the cap screw, lock washer, and clamp that fasten the wiring harness to the engine.

STEP 14

Connect the electrical connector for the wiring harness (see photo for step 13).

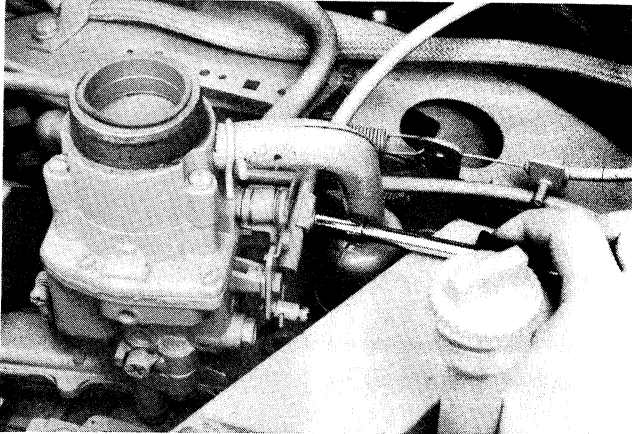
STEP 15



876340

Put the throttle cable in position on the throttle cable mounting bracket. Tighten the screw that fastens the throttle cable to the mounting bracket.

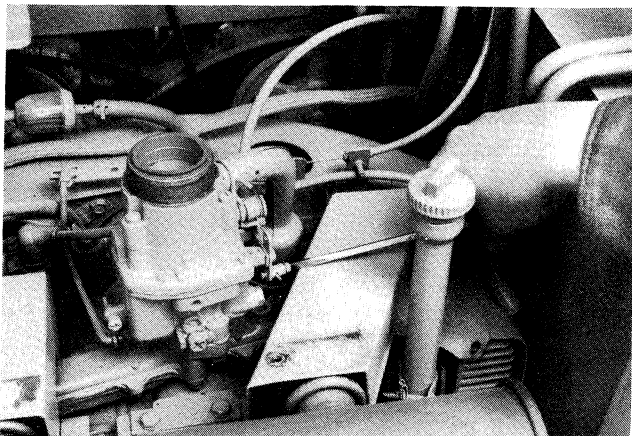
STEP 16



876341

Put the choke cable in position on the carburetor and the choke linkage. Tighten the screw that fastens the choke cable to the carburetor.

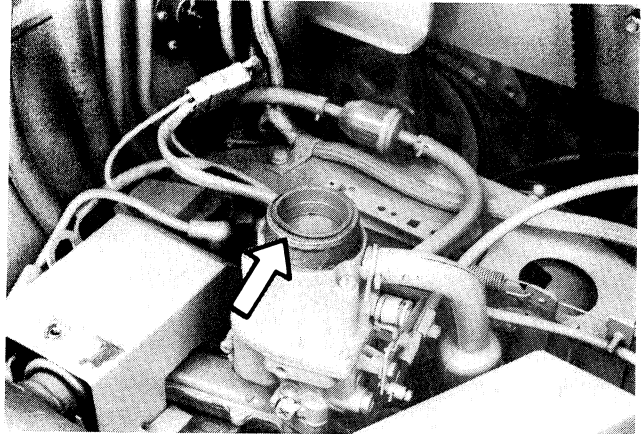
STEP 17



876343

Tighten the screw that fastens the choke cable to the choke linkage.

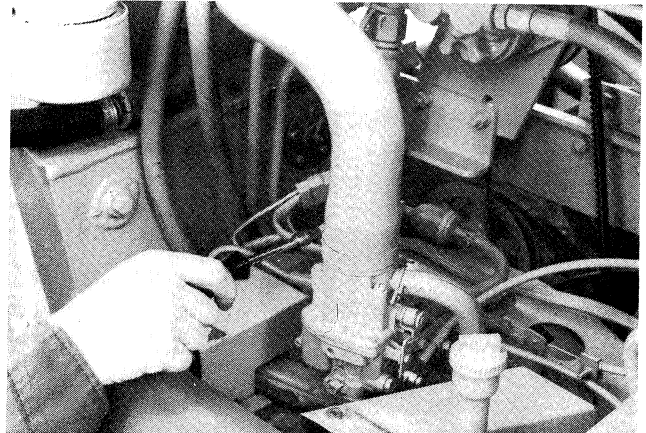
STEP 18



876342

Remove the cover from the carburetor.

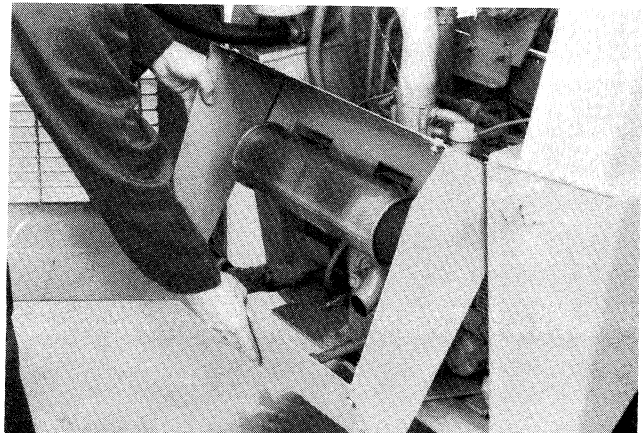
STEP 19



876344

Put the air cleaner hose in position on the air cleaner and the carburetor. Tighten the clamps that fasten the air cleaner hose to the air cleaner and the carburetor.

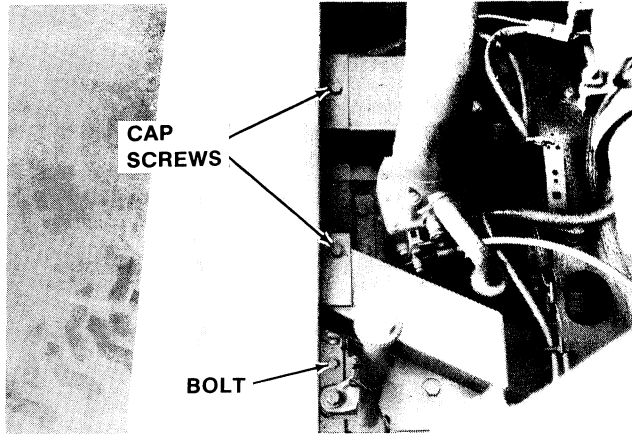
STEP 20



876345

Put the engine shroud in position on the engine.

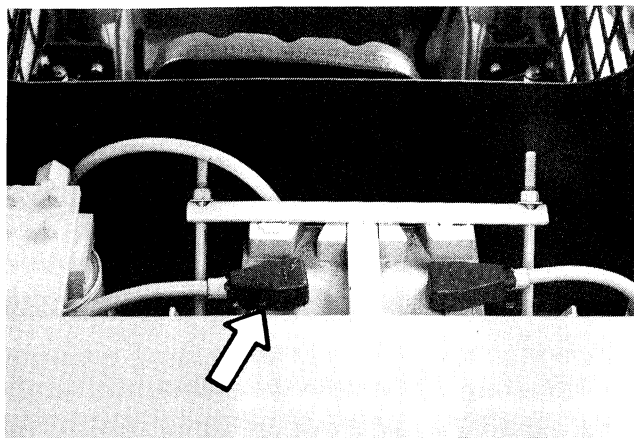
STEP 21



876346

Install the cap screws and lock washers that fasten the top of the engine shroud to the exhaust manifold cover. Install the bolts, lock washers, and nuts that fasten the bottom of the engine shroud to the frame.

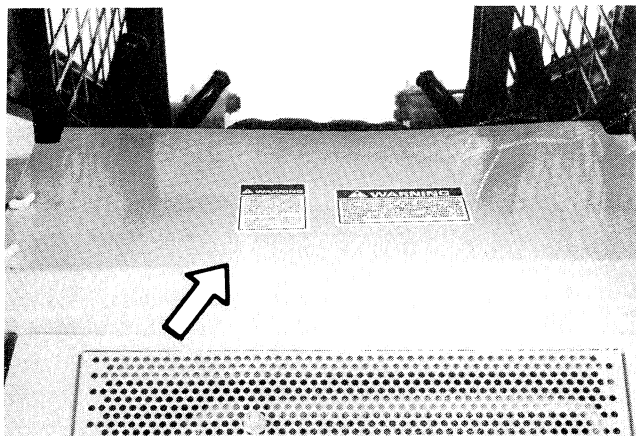
STEP 22



876223

Install the ground cable on the negative terminal on the battery.

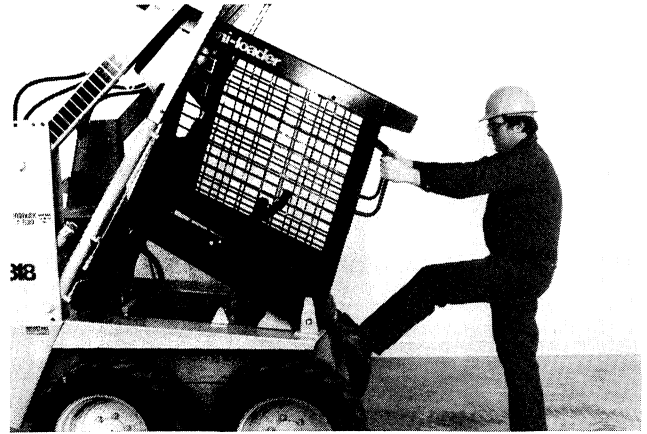
STEP 23



876277

Install the battery cover on the machine.

STEP 24



876235

Use the grab handles and tilt the ROPS canopy toward the rear of the machine. Carefully lower the ROPS canopy into position.

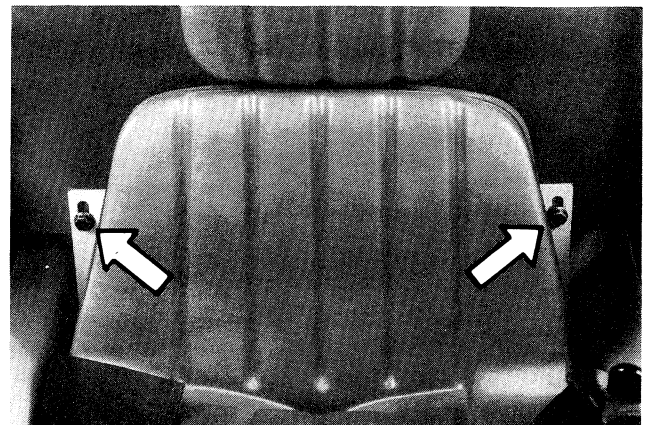
STEP 25



876237

Install the seat and seat mounting plate in the machine.

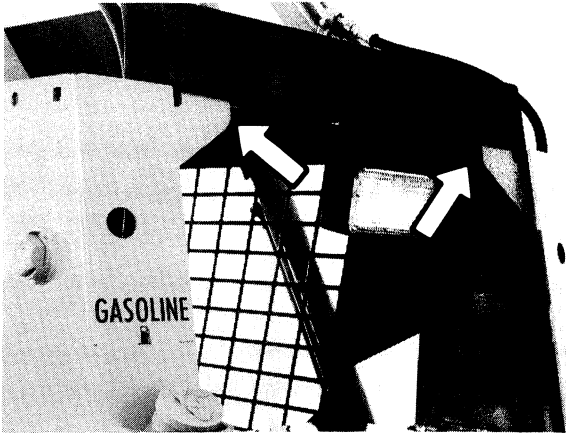
STEP 26



876238

Install the cap screws that fasten the seat and seat mounting plate to the ROPS canopy.

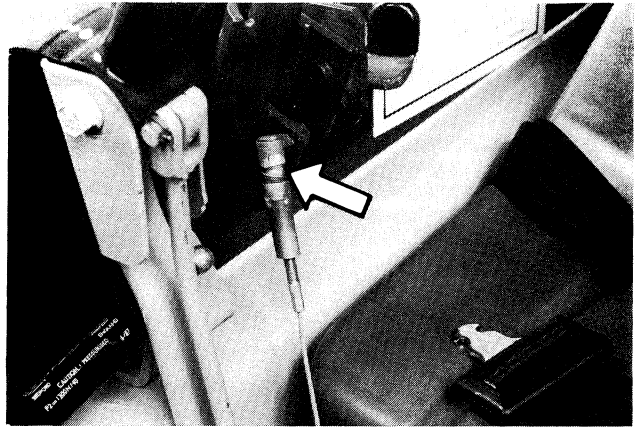
STEP 27



876214

Install the cap screws, lock washers, and flat washers that fasten the ROPS canopy to the posts on the rear of the machine.

STEP 29



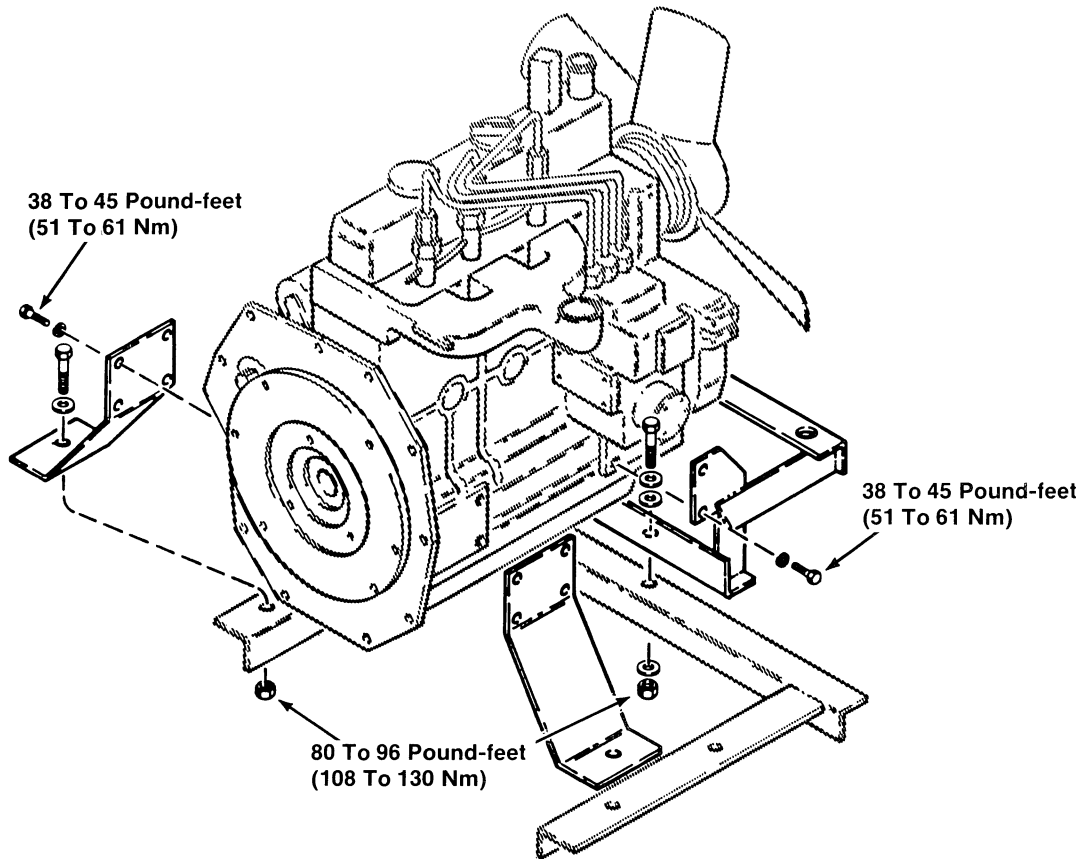
876240

Connect the sockets on the cables to the pins on the protection bars.

STEP 28

Tighten the cap screws to 40 to 50 pound-feet (54 to 68 Nm).

DIESEL ENGINE



B87924

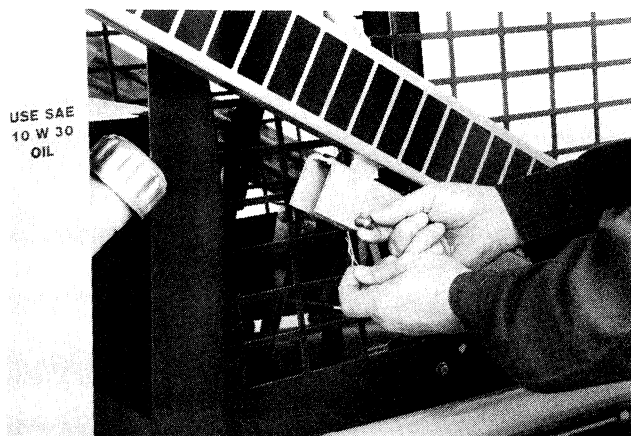
Removal

In this procedure, the engine and radiator will be removed as a unit.

STEP 1

Park the machine on a level surface.

STEP 2



876250

Remove the pins that hold the strut in position and lower the strut onto the lift cylinder.

STEP 3

Start the engine and run the engine at low idle.

STEP 4

Move the machine forward or backward as required to make sure that the pin in each parking latch engages the cluster sprockets.

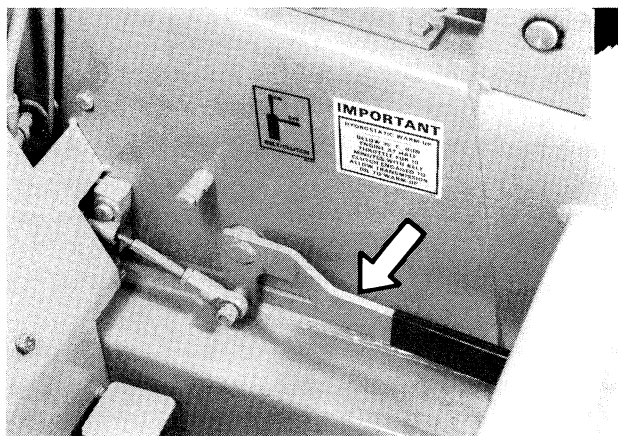
STEP 5



876252

Raise the loader frame until the strut falls onto the piston rod. Then lower the loader frame until the strut is against the end of the lift cylinder. Stop the engine.

STEP 6



876259

Put the clutch control lever in the OFF position.

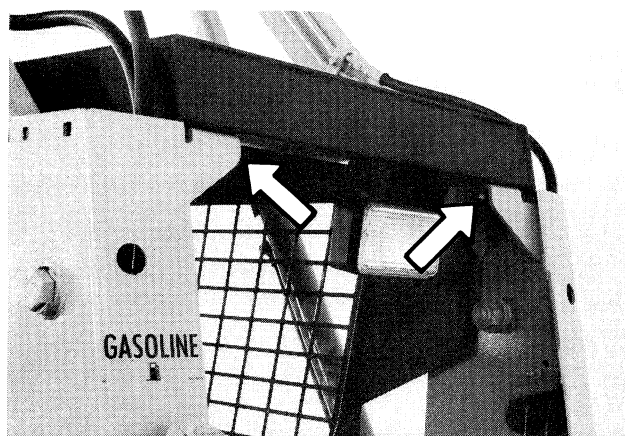
STEP 7



876251

Install the pins that hold the strut.

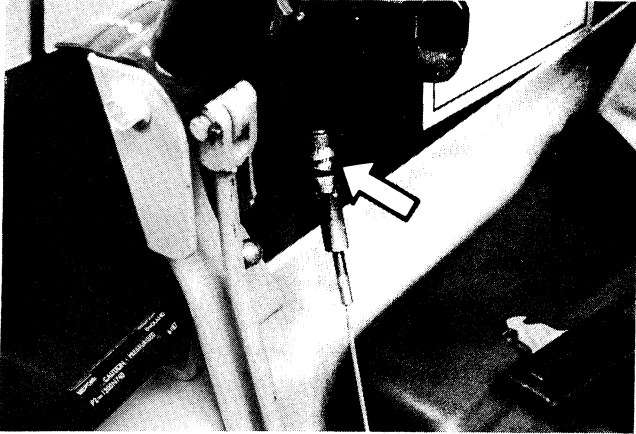
STEP 8



876214

Loosen and remove the cap screws, lock washers, and flat washers that fasten the ROPS canopy to the posts on the rear of the machine.

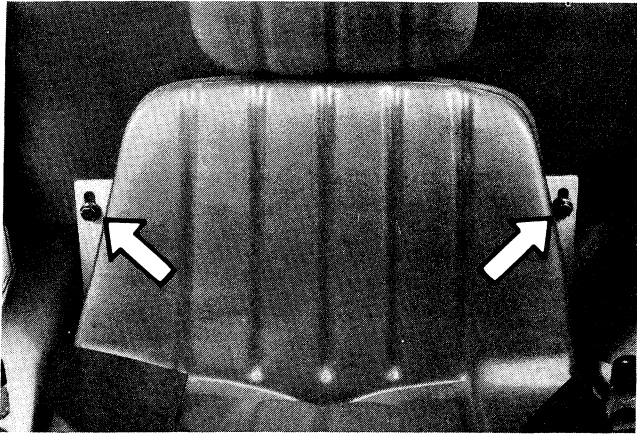
STEP 9



876240

Disconnect the cables from the protection bars. Push down the sleeve on the socket and remove the socket from the pin.

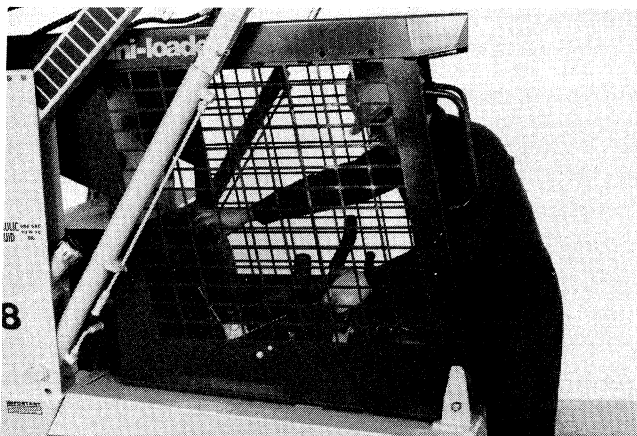
STEP 10



876238

Loosen and remove the cap screws that fasten the seat to the ROPS canopy.

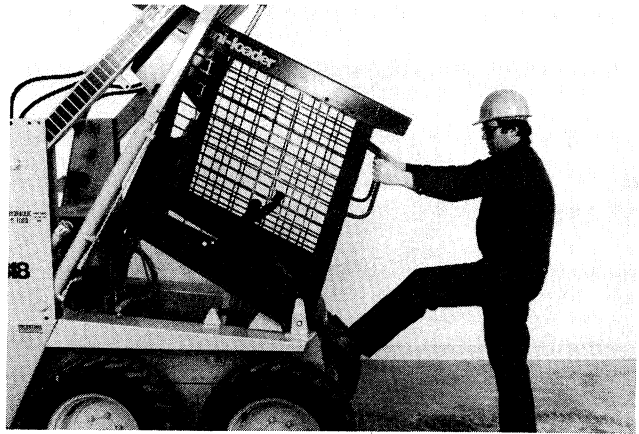
STEP 11



876237

Remove the seat and seat mounting plate from the machine.

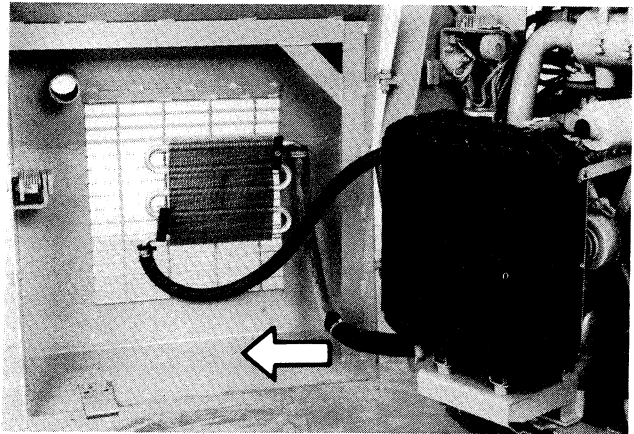
STEP 12



876235

Use the grab handles and tilt the ROPS canopy all the way forward.

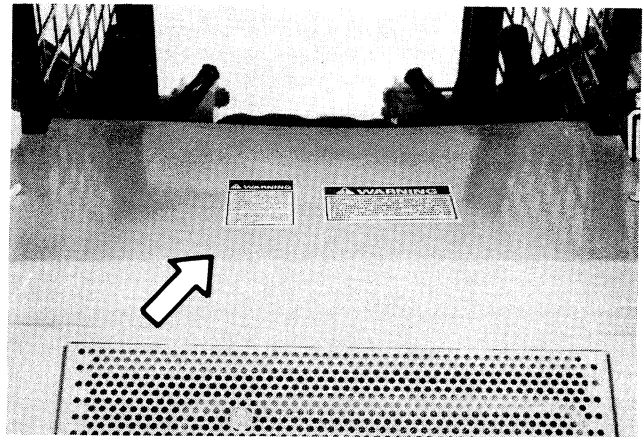
STEP 13



876473

Open the access door on the rear of the machine.

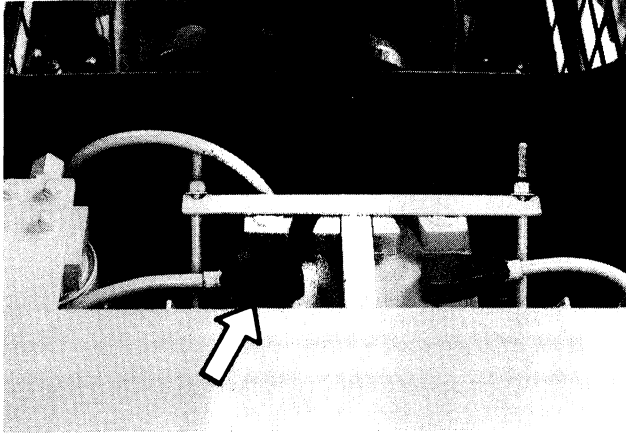
STEP 14



876277

Remove the battery cover from the machine.

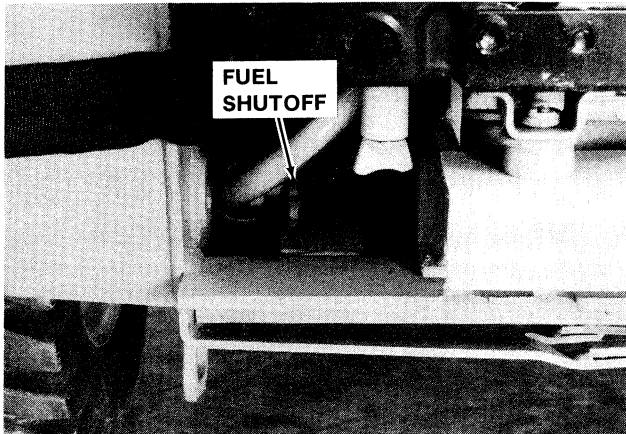
STEP 15



876223

Disconnect the ground cable from the negative terminal on the battery.

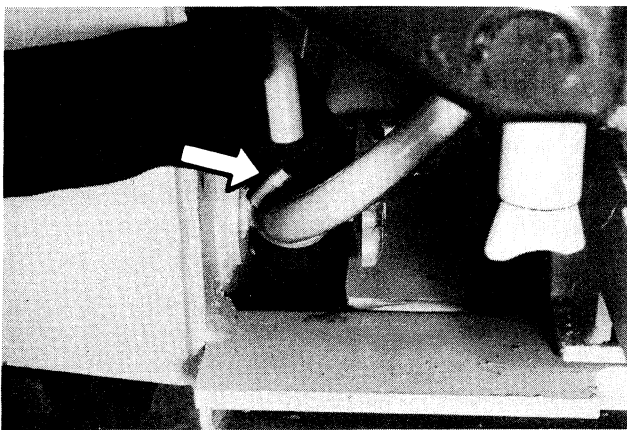
STEP 16



876466

Put the fuel shutoff in the OFF position.

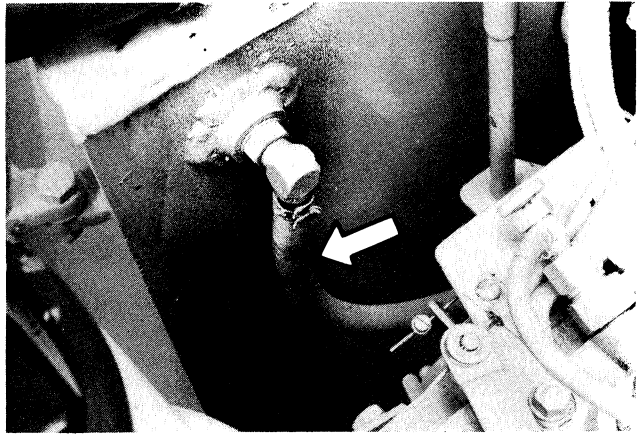
STEP 17



876468

Loosen the clamp that fastens the supply hose to the fitting on the diesel reservoir. Remove the hose from the fitting.

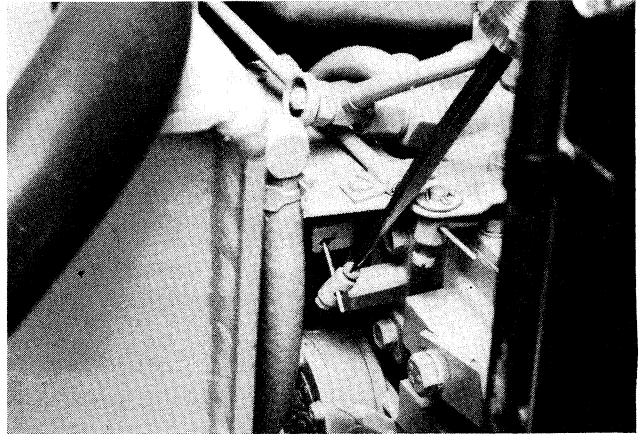
STEP 18



876479

Disconnect the return hose from the fitting on the diesel reservoir. Remove the hose from the fitting.

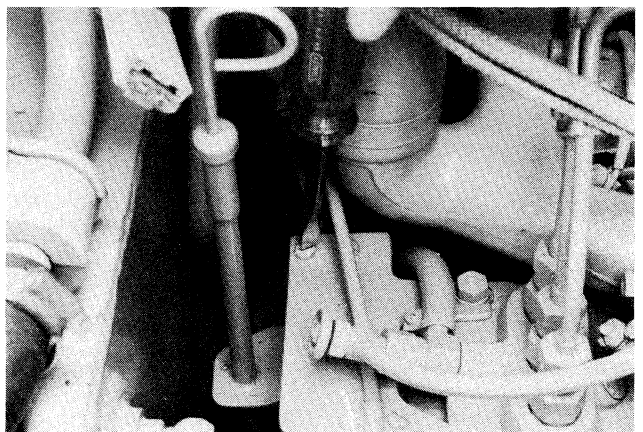
STEP 19



876483

Loosen the screw and remove the wire lock from the end of the stop cable.

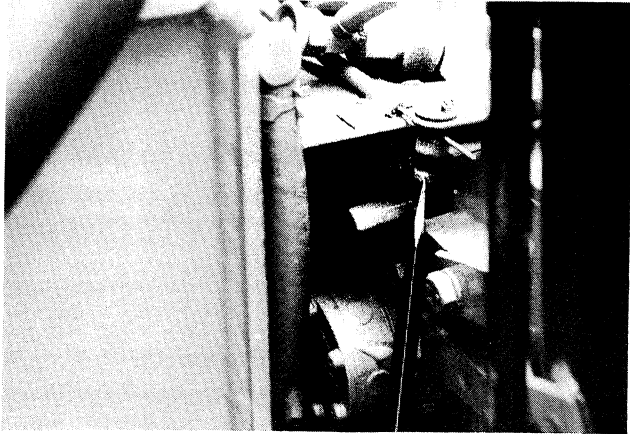
STEP 20



876481

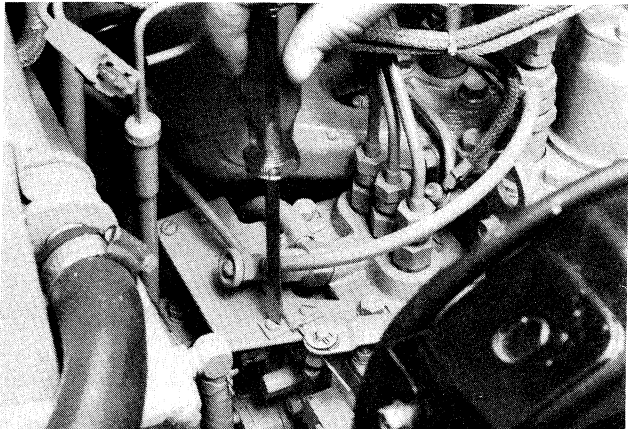
Loosen the screws that fasten the stop cable to the mounting bracket. Remove the stop cable from the mounting bracket. Move the stop cable out of the way.

STEP 21



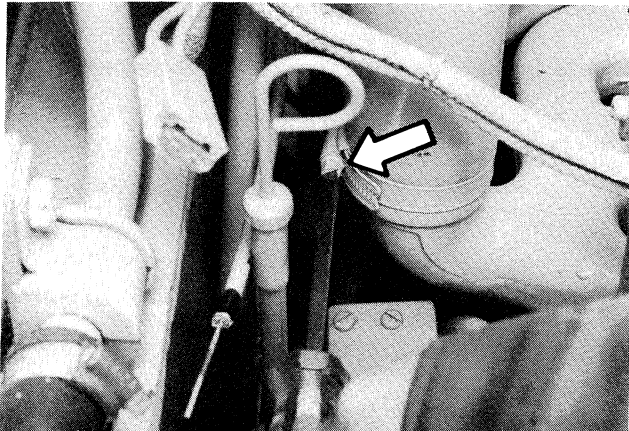
Loosen the screw on the wire lock for the throttle cable.

STEP 22



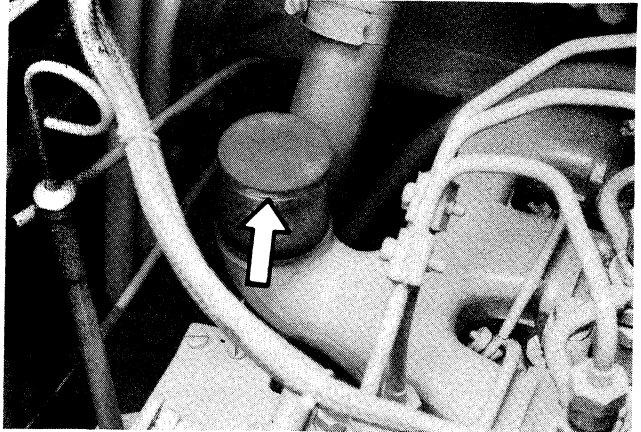
Loosen the screws that fasten the throttle cable to the mounting bracket. Remove the throttle cable from the mounting bracket. Move the throttle cable out of the way.

STEP 23



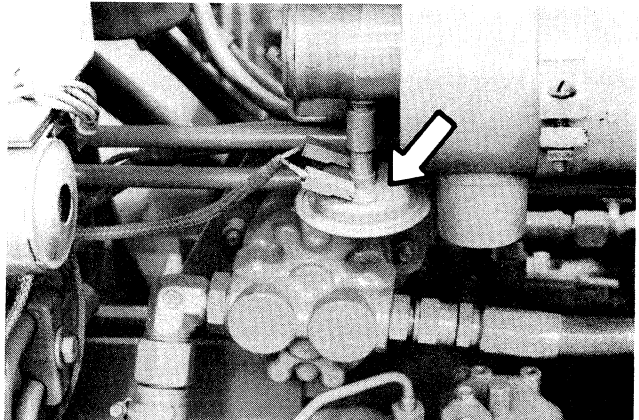
Loosen the clamps that fasten the air cleaner hose to the intake manifold and the air cleaner. Remove the air cleaner from the intake manifold and the air cleaner.

STEP 24



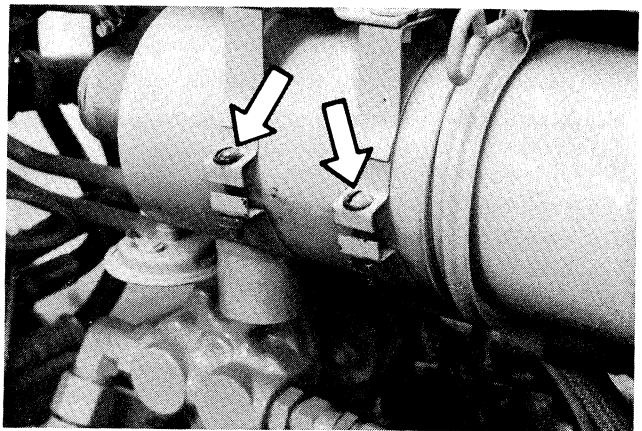
Install a cover over the opening in the intake manifold.

STEP 25



Disconnect the wires from the air restriction indicator.

STEP 26



Loosen and remove the screws and nuts that fasten the air cleaner in the air cleaner mounting bracket.



Suggest:

If the above button click is invalid.

Please download this document

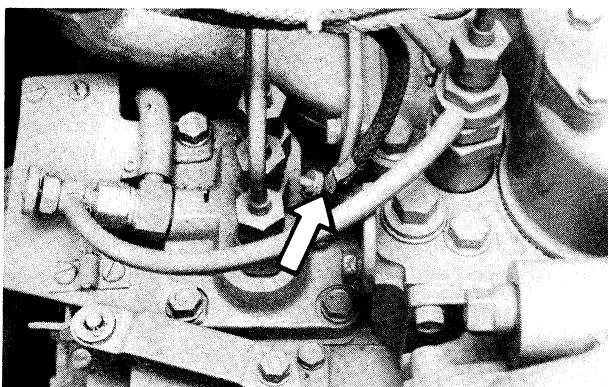
first, and then click the above link

to download the complete manual.

Thank you so much for reading

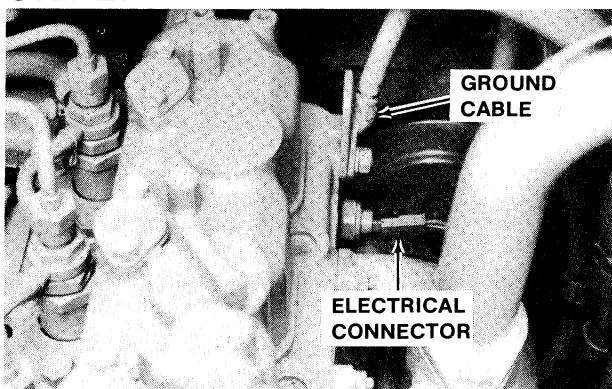
STEP 27

Remove the air cleaner from the air cleaner mounting bracket.

STEP 28

876487

Disconnect the wire from the glow plug.

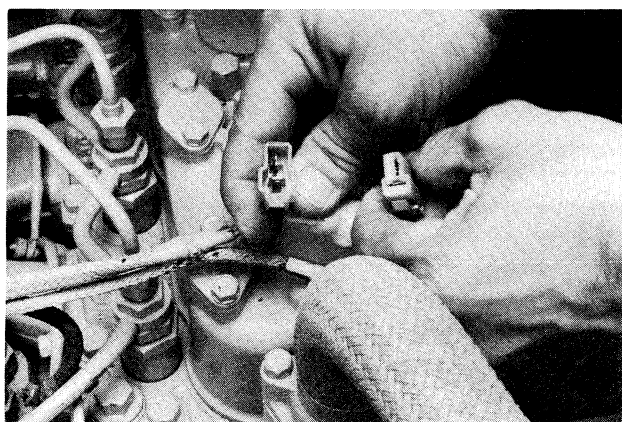
STEP 29

876486

Loosen and remove the cap screw that fastens the ground cable and the lifting eye to the engine. Remove the ground cable from the engine. Install the cap screw and lifting eye on the the engine.

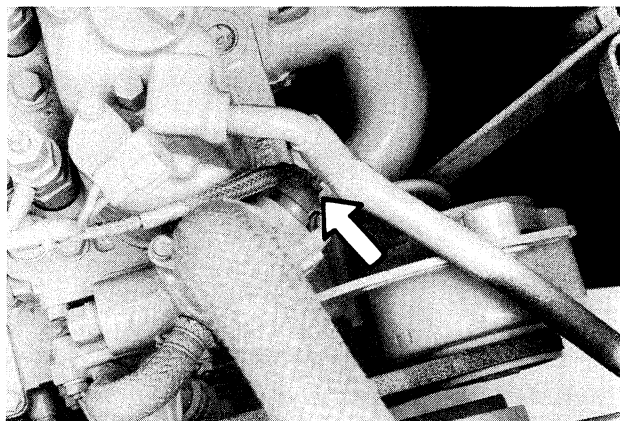
STEP 30

Disconnect the electrical connector from the engine temperature switch (see photo for step 29).

STEP 31

876485

Disconnect the electrical connector for the alternator from the wiring harness.

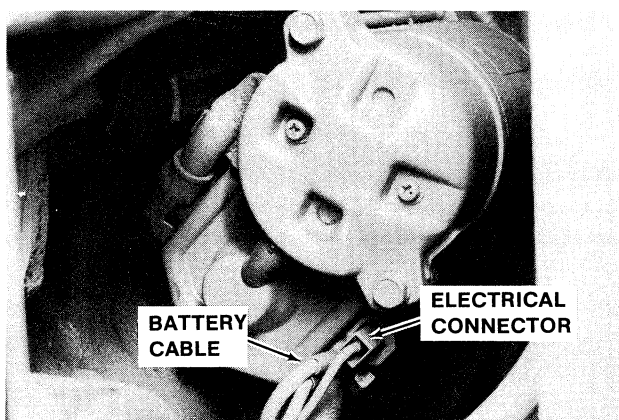
STEP 32

876472

Disconnect the wire from the water temperature switch on the engine.

STEP 33

Move the wiring harness out of the way.

STEP 34

876457

Disconnect the electrical connector from the starter.

STEP 35

Disconnect the battery cable from the terminal on the starter (see photo for step 34).

STEP 36

Connect acceptable lifting equipment to the lifting eyes on the engine.

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>