

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Winch

OMM161331 F0

OPERATOR'S MANUAL



JOHN DEERE

Original Instruction
All information, illustrations and
specifications in this manual are based on the
latest information at the time of publication.
The right is reserved to make changes at any
time without notice.

COPYRIGHT© 2010
Deere & Co.

John Deere Worldwide Commercial and
Consumer Equipment Division

All rights reserved
Previous Editions
COPYRIGHT© 2010

Export Version
Litho in U.S.A.

INTRODUCTION

Table of Contents

Introduction.....	1
Product Identification.....	1
Safety Labels.....	3
Safety.....	3
Assembly.....	5
Preparing Vehicle.....	7
Installing.....	11
Operating.....	14
Service.....	19
Troubleshooting.....	20
Specifications.....	20
Getting Quality Service.....	20
Declaration of Conformity.....	22

Introduction

Using Your Operator's Manual

Read this entire operator's manual, especially the safety information, before operating.

This manual is an important part of your machine. Keep all manuals in a convenient location so they can be accessed easily.

Use the safety and operating information in the attachment operator's manual, along with the machine operator's manual, to operate and service the attachment safely and correctly.

If your attachment manual has a section called Preparing the Machine, it means that you will have to do something to your tractor or vehicle before you can install the attachment. The Assembly and Installation sections of this manual provide information to assemble and install the attachment to your tractor or vehicle. Use the Service section to make any needed adjustments and routine service to your attachment.

If you have any questions or concerns with the assembly, installation, or operation of this attachment, see your local John Deere dealer or call the John Deere Customer Contact Center at 1-800-537-8233 for assistance.

Warranty information on this John Deere attachment can be found in the warranty that came with your John Deere tractor or vehicle.

Machine Use

In using a utility vehicle in true off-road conditions, a vehicle can get stuck in the ground it is driving on. This can be due to the fact the ground becomes too slippery for traction to build up, because wheels dig themselves into the ground due to low compaction of the soil/snow or because ground clearance has been jeopardized.

In general, vehicles driving in the before described conditions tend to travel in pairs so each vehicle can be used to retrieve the other when needed.

When GATOR™ utility vehicle operators find themselves in the before mentioned driving conditions, an optional winch is provided in order to give the vehicle a self-recovery mechanism. By the addition of a winch the GATOR utility vehicle will be better suited to be used as a vehicle in the described conditions without the direct need for a second vehicle.

The cable of the winch is to be attached to an obstacle/object which is known to be strong and stable and capable of taking the load of pulling the vehicle.

The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

This machine should be operated, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Any arbitrary modifications carried out on this machine will relieve the manufacturer of all liability for any resulting damage or injury.

Product Identification

Product Compatibility

The Winch is designed for use with XUV 625i, XUV 825i and XUV 855D Gator™ Utility Vehicles.

Record Purchase Information

PRODUCT IDENTIFICATION

Record your purchase information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

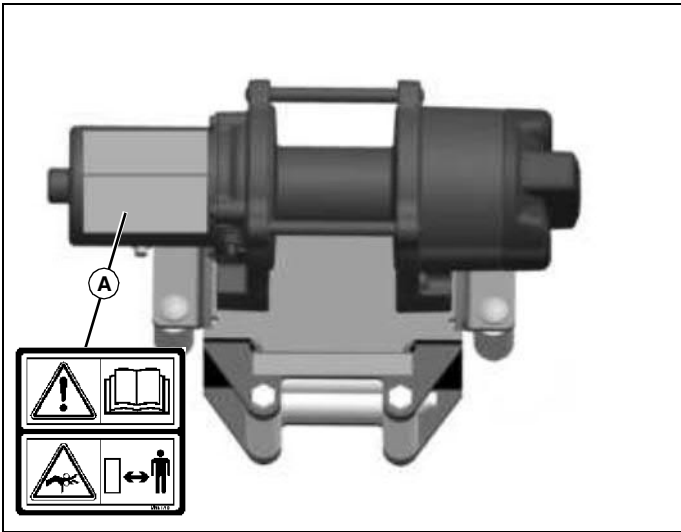
The full manual is available for immediate download.

<https://www.ebooklibonline.com>

SAFETY LABELS

Safety Labels

Safety Label Location



MX44103

Picture Note: Use label number listed in table below to locate complete text of safety label message following this illustration.

A- M156762 Caution/Warning



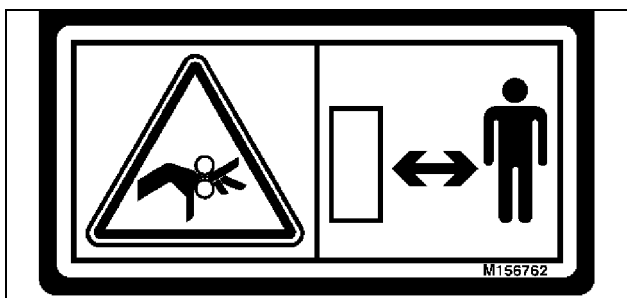
Pictorial Safety Signs

At several important places on this machine safety signs are affixed intended to signify potential danger. The hazard is identified by a pictorial in a warning triangle. An adjacent pictorial provides information how to avoid personal injury.

These safety signs, their placement on the machine and a brief explanatory text are shown in this Safety section.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

WARNING M156762

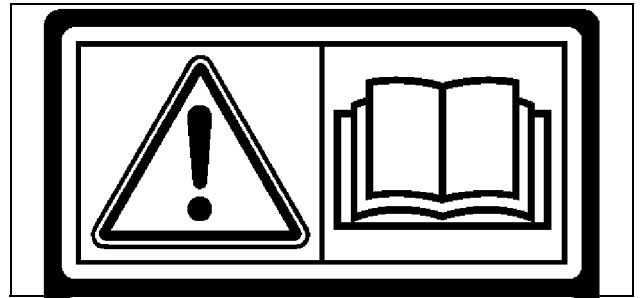


M156762

TO AVOID ENTANGLEMENT

- Keep hands, feet and clothing clear of cable, hook loop, hook and fairlead opening
- Wear heavy gloves when handling hook and cable
- Use supplied hook strap when spooling cable in and out

CAUTION M156762



M156762

TO AVOID INJURY

- Read Operator's Manual
- Keep bystanders away when operating
- Never use as an overhead hoist to suspend a load, or to lift or move people.

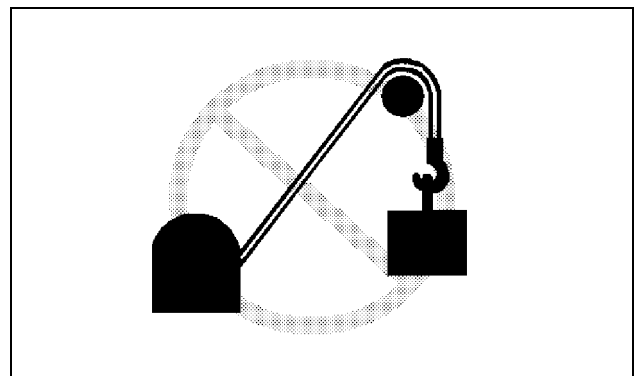
Safety

Read Safety in Machine Operator's Manual

Read the general safety operating precautions in your machine operator's manual for additional safety information.

Operating Safely

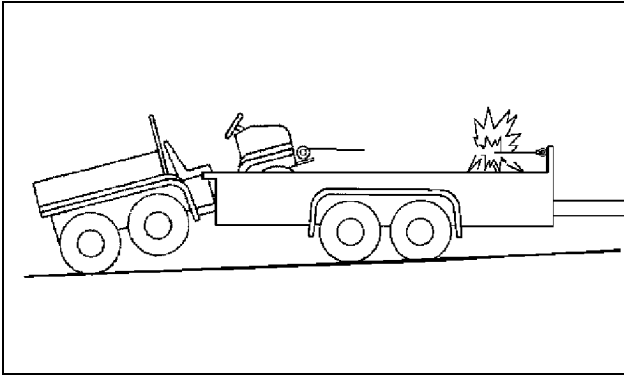
- Read, understand and follow all instructions and safety information in the manuals and on the winch before operating.
- Inspect equipment before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts.
- Use and become familiar with the winch before you actually need it in an emergency situation.



MX8316

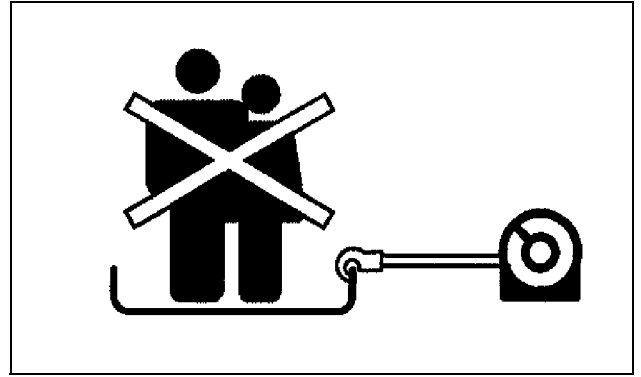
- Never use winch for towing or hoisting. A winch is not designed for such service. A sudden shock load can cause the cable or drum to break.
- Never exceed the rated winch capacity. Do not drive the vehicle to assist with pulling a load attached to the winch. This could overload the drum or cable.
- Make sure tackle such as hooks, pulley blocks, and straps are sized appropriately for the job. Use only factory approved remote controls and accessories.

SAFETY



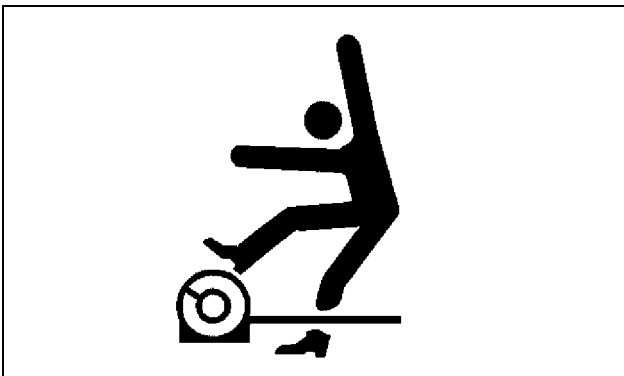
MX8317

- Do not use winch to secure a load during transport.
- Only allow responsible adults, who are familiar with the instructions to operate the winch.
- Always stand clear of the cable and load and keep others away when winching. If cable breaks or pulls loose under load, it can backlash with great force.
- Lay a heavy blanket or jacket over the winch line near the hook end when pulling heavy loads. This will act as a damper to help prevent cable backlash in the event of an equipment failure.



MX8314

- Do not use winch to move persons.
- Never hold the winch cable hook with your hand when rewinding the cable. Hand or fingers can become crushed. Use the hook strap provided.
- Disconnect the winch power cord before leaving machine unattended.
- Only operate during daylight or with good artificial light.
- Never operate winch while under the influence of drugs or alcohol.
- Do not wear radio or music headphones while winching. Safe operation requires your full attention.



MX8315

- Never step over the cable, even if it is not under tension.
- Only use a 12 volt DC power source to operate your winch. Other power sources can result in fatal shock or damage to the winch.
- Never allow the winch to become submerged in water.
- Always operate winch with an unobstructed view of the winching operation.
- Stop the winching operation if anyone enters the area.

Parking Safely

1. Stop vehicle on a level surface, not on a slope.
2. Lock park brake.
3. Stop engine.
4. Remove key.
5. Before you leave the operator's seat, wait for engine and all moving parts to stop.
6. Disconnect the negative battery cable or remove the spark plug wire (for gasoline engines) before servicing the machine.

Practice Safe Maintenance



MIF

- Disengage all power and stop vehicle engine before servicing. Lock park brake and remove the key. Let machine cool.
- Disconnect the winch power leads from battery before servicing to prevent accidental start-up of the winch.
- Understand service procedure before doing work. Keep area clean and dry.
- Use only factory approved parts for repairs.

ASSEMBLY

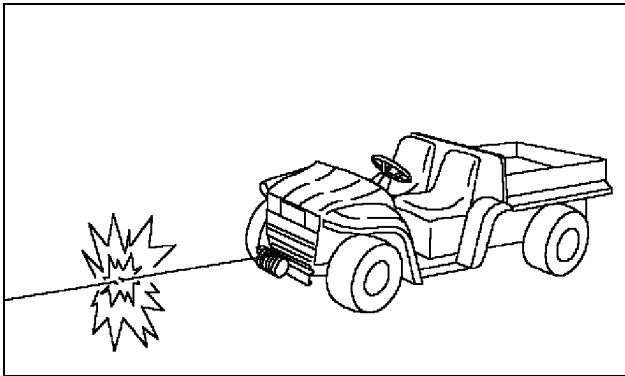
- Never work on or around the winch when drum is under load. Keep safety devices in place and in working condition. Keep hardware tight.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving parts, to prevent them from getting caught.
- Inspect winching tackle regularly for damage.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of debris.
- Never attempt repairs while under the influence of drugs or alcohol.
- Do not wear radio or music headphones while servicing the machine. Safe service requires your full attention.



Wear Appropriate Clothing

- Wear close fitting clothing and safety equipment appropriate for the job.
- Always wear heavy gloves when handling the winch cable.

Do Not Modify Machine



MX8306

- Never machine, weld, or make any unauthorized modifications to any part of the winch, carrier plate, cable, or receiver.
- Never alter or remove the safety decals.
- Modifications can result in making the winch unsafe, increasing the possibility of severe bodily injury or death.

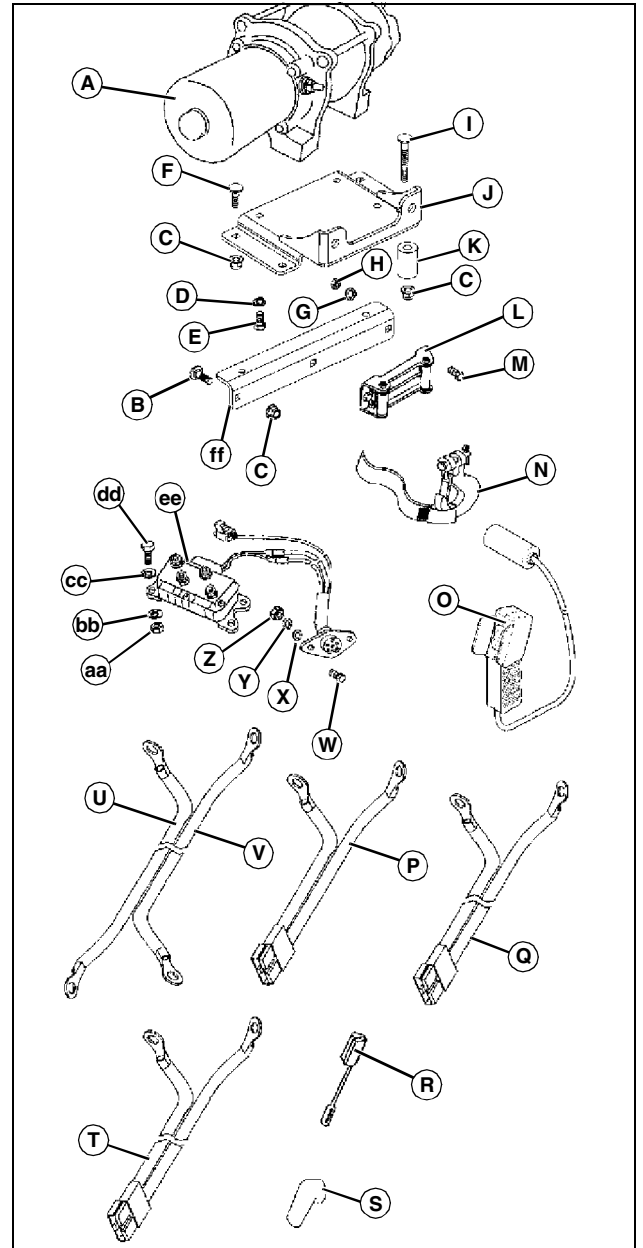
Handling Waste Product and Chemicals

Waste products, such as, used oil, fuel, coolant, brake fluid, and batteries, can harm the environment and people:

- Do not use beverage containers for waste fluids - someone may drink from them.
- See your local Recycling Center or authorized dealer to learn how to recycle or get rid of waste products.
- See your local Recycling Center or authorized dealer to learn how to put your machine out of service at the end of the machine's service life.

Assembly

Identify Parts



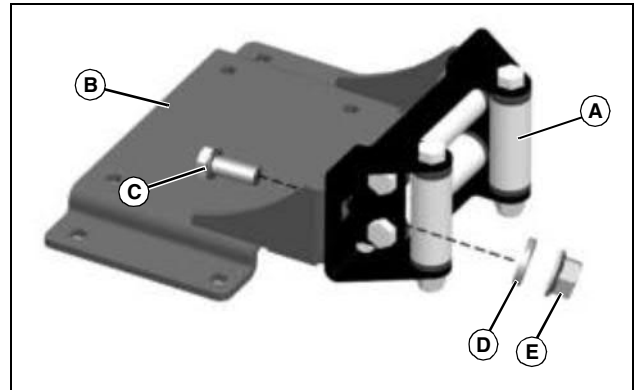
MX43954

Qty.	Description
1	Winch (A)
3	Bolt, Hex Flanged, M8x20 (B)
7	Locknut, M8 (C)
4	Lockwasher, M8 (D)
4	Bolt, Hex Head, M8x25 (E)
2	Carriage Bolt, M8x25 (F)

ASSEMBLY

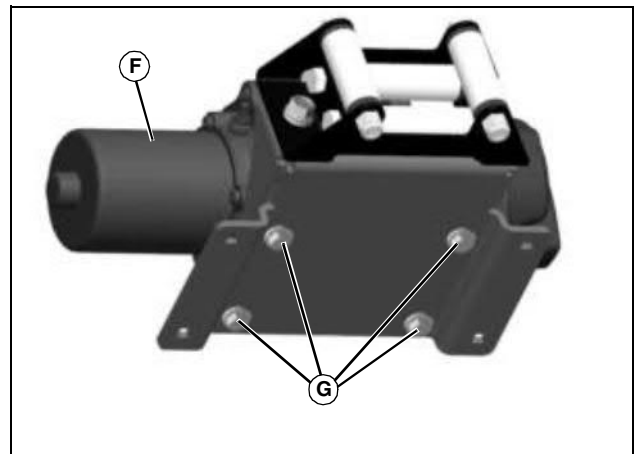
Qty.	Description
2	Lockwasher, M10 (G)
2	Hex Nut, M10 (H)
2	Carriage Bolt, M8x60 (I)
1	Mount Bracket, Winch (J)
2	Spacer (K)
1	Fairlead (L)
2	Bolt, Hex Head, M10x20 (M)
1	Clevis Hook with Strap (N)
1	Remote Control (O)
1	Wiring Harness, Quick Disconnect, 50 cm (20 in.) (P)
1	Cable Wiring Harness, Front Mount, 1.5 m (60 in.) (Q)
2	Dust Cover (R)
6	Terminal Cover (S)
1	Cable Wiring Harness, Rear Mount, 3.7 m (144 in.) (T) (Optional)
1	Cable, 6 Ga. Black Battery, 1.6 m (64 in.) (U)
1	Cable, 6 Ga. Red Battery, 1.6 m (64 in.) (V)
2	Bolt, Hex Head, M5x20 (W)
2	Flat Washer, #10 (X)
2	Lockwasher, #10 (Y)
2	Hex Nut, M5 (Z)
3	Hex Nut, M6 (aa)
3	Lockwasher, M6 (bb)
3	Flat Washer, M6 (cc)
3	Bolt, Hex Head, M6x25 (dd)
1	Solenoid with Socket (ee)
1	L-Bracket (ff)
24	Tie Strap (not shown)

Assemble Winch



MX44039

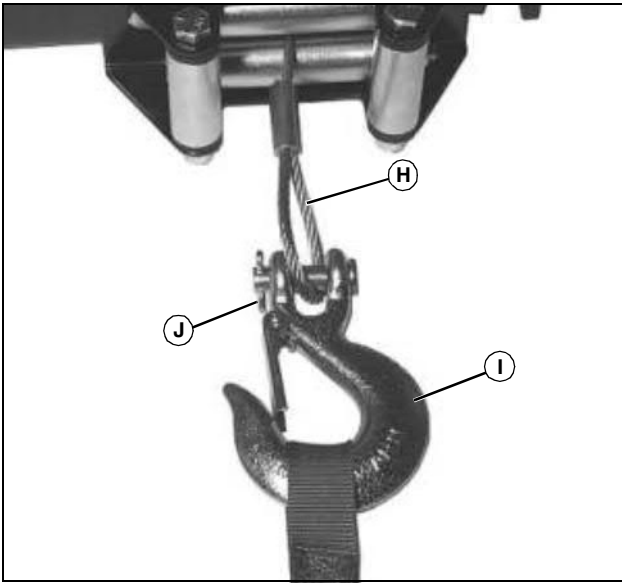
1. Install fairlead (A) to winch mount bracket (B). Secure with two M10x20 hex head bolts (C), M10 lockwashers (D) and M10 hex nuts (E). Tighten nuts completely.



MX44094

2. Mount winch (F) to winch mount bracket with four M8 lockwashers and M8x25 hex head bolts (G). Tighten bolts completely.

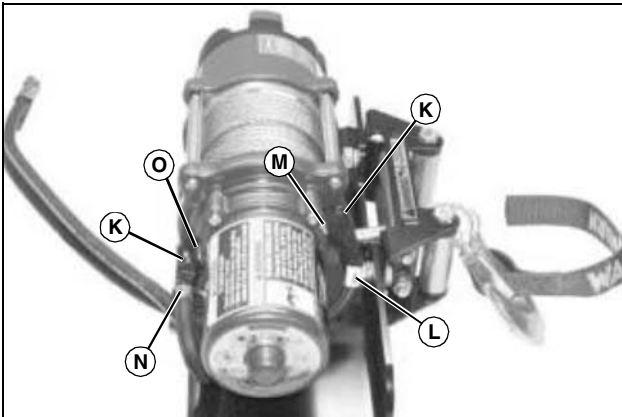
PREPARING VEHICLE



MX31642

3. Pull end of winch cable (H) through fairlead opening. Attach hook (I) to loop with drilled pin and cotter pin (J). Bend ends of cotter pin to secure.

4. Route quick-disconnect harness lead with #1 terminal (yellow label) under motor cover, behind winch toward the right side (end with engagement selector).



MX44095

5. Install two terminal covers (K) on ends of quick disconnect harness, then connect harness to winch motor terminals:

- Connect #1 terminal (L) to #1 (YELLOW) motor terminal (M).
- Connect #2 terminal (N) to #2 (BLUE) motor terminal (O).

6. Tighten nuts and install covers over terminals.

Preparing Vehicle

Prepare Vehicle

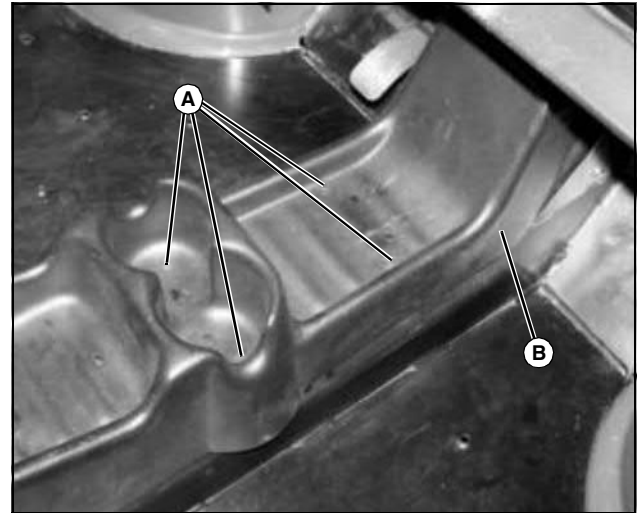
1. Park vehicle safely. (See Parking Safely in the SAFETY section.)
2. Raise passenger seat forward.



CAUTION: Avoid injury! The battery produces a flammable and explosive gas. The battery may explode:

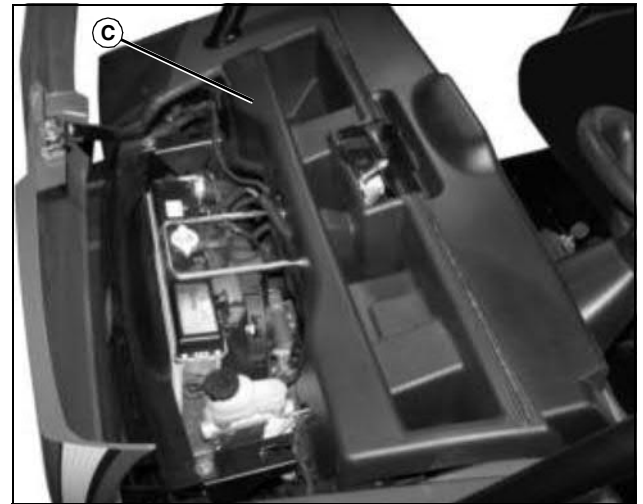
- Do not smoke or have open flame near battery.
- Wear eye protection and gloves.
- Do not allow direct metal contact across battery posts.
- Remove negative cable first when disconnecting.
- Install negative cable last when connecting.

3. Disconnect negative (-) and positive (+) battery cables.



MX44107

4. Using a small screwdriver, pry up the four expansion rivets (A) from center console, and remove cup holder (B).



MX44108

5. Raise hood. Remove utility box (C) by lifting up and out toward front of machine.



Suggest:

If the above button click is invalid.

Please download this document

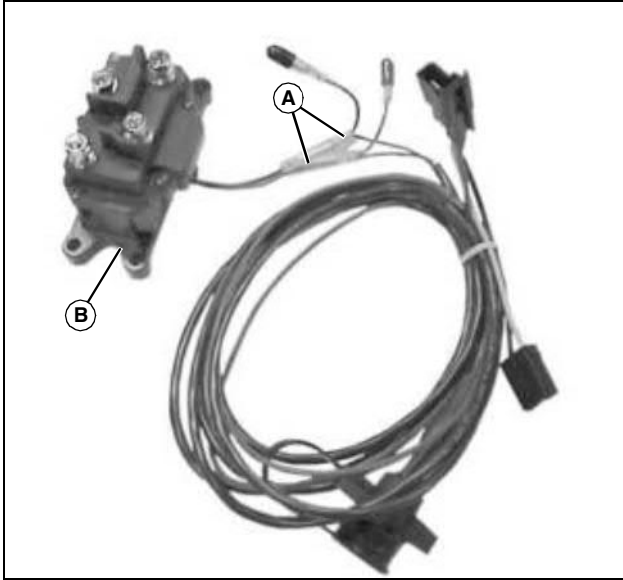
first, and then click the above link

to download the complete manual.

Thank you so much for reading

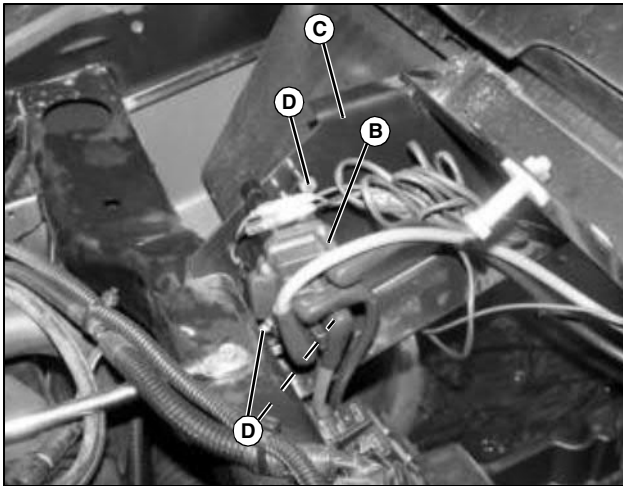
PREPARING VEHICLE

Install Solenoid



MX39051

1. Disconnect remote control socket bullet connectors (A) from solenoid (B).

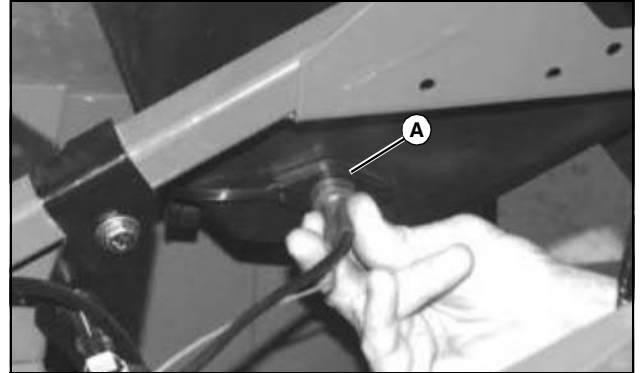


MX44105

Picture Note: Shown with wiring attached.

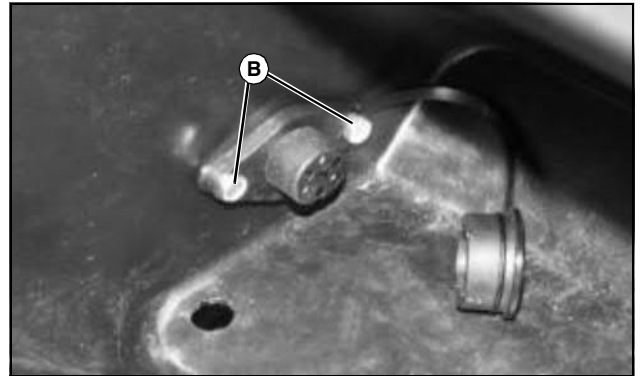
2. Locate frame gusset (C) on passenger side of vehicle. Place solenoid (B) as shown, and bolt solenoid on inside of frame gusset with three M6x25 hex head bolts (D) and M6 flat washers. Secure opposite side with M6 lockwashers and M6 hex nuts. Tighten nuts completely.

Install Remote Control



MX11452

1. Drill a 22 mm (7/8 in.) hole near lower left corner of glove box for mounting of remote control socket (A). Check for proper fit before drilling.
2. Insert socket into hole from outside of glove box. Make sure keyway in socket faces down. Mark the socket mounting holes with an awl.
3. Remove the socket. Drill the mounting holes with a 5 mm (3/16 in.) bit.



MX11453

4. Route the socket wiring through hole from inside of glove box. Position socket in hole so keyway faces down. Secure with two M5x20 hex head bolts (B) at inside and two #10 flat washers, #10 lockwashers and M5 hex nuts at outside. Do not overtighten.
5. Plug remote control into socket and store in glove box.

<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>