

TORO

## ROPS CERTIFIED DELUXE HARD CAB

## Model 07328

### Operators Manual

### Installation Instructions

This cab is intended to be used on the following **TORO** product:

## WORKMAN®

### MD, MDX, and MDE



XX+01  
XXX+000  
XXXX+0015  
AVG-F-10

- ⚠ CAUTION:** Read and follow all safety statements and assembly instruction, before attempting to mount or operate vehicle with sunshade installed.
- ⚠ CAUTION:** The resulting noise levels when using this product will exceed OSHA standards for an 8 hour work day and hearing protection with a Noise Reduction Rating (NRR) of 22 or higher is required
- ⚠ CAUTION:** This unit is heavy, and should be mounted with a minimum of two personnel and a hoist.
- ⚠ INSTALLER:** Leave these instructions with end user. If Manual is lost or damaged, please contact your Toro dealer/distributor for replacement.
- ⚠ END USER:** Keep this manual for future reference.

This cab is manufactured for **TORO** by **Jodale Perry Corporation**

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# SAFETY INSTRUCTIONS

## BEFORE OPERATING

- Read and understand the contents of this material before operating the vehicle. Become thoroughly familiar with the controls, capabilities and proper use of equipment.
- This cab fits all Workman® MD Series with serial numbers with 28xxxxxxx or higher in gas and electric.
- **DO NOT** weld, cut, drill, or modify cab structure in any matter.
- **DO NOT** allow children to operate vehicle. Do not allow adults to operate with out proper training.
- Keep all shields and safety devices in place. If a safety device, shield, or decal malfunctions, becomes damaged or illegible replace it before operating is recommended. To assure vehicle is in safe operating condition, tighten any loose nuts, bolts, and screws.
- A cab with doors reduces the payload capacity of the vehicle by 330 lbs.[150 Kg]. A cab without doors reduces the payload capacity by 246 lbs. [112 Kg].

# SAFETY INSTRUCTIONS

## While operating

- Verify capacity rating for the vehicle. Make sure that the GVW capacities are not exceeded.
- Avoid sudden stops or sharp turns.
- Always use safety belts.
- Never allow riders on top of cab or in bed while operating vehicle.
- Stay alert for hidden hazards and traffic.
- Avoid sudden starts and excessive speeds.
- Use extreme care when working around fences, ditches or on hillsides.
- Check clearances carefully before driving under any objects.
- Avoid operating sideways on a steep slope whenever possible.
- Wait for vehicle to come to a full stop and engage parking brake before leaving vehicle.

## Maintenance

- To insure cab is in safe operating condition, keep all fasteners tight.
- Replace a damaged cab. Do not repair or revise. Any alterations to a cab must be approved by manufacturer.
- To be sure of optimum performance and safety, always purchase genuine TORO replacement parts and accessories. Replacement parts and accessories not made by a TORO approved manufacturer could be dangerous. Such use could void warranty of The TORO COMPANY.
- Thoroughly inspect cab and cab mounting periodically.

# **ROPS Certified Cab, Roll Over Protection Structure Inspection Guide**

## **Cab has been certified to ISO 21299**

ROPS certified cab like any other safety devices needs to be periodically inspected to verify that the integrity of the device has not been compromised though normal machine use, misuse, age degrading, modifications, or rollovers.

Some mechanical discretion is essential, therefore personnel who inspect the cab need to comprehend and understand the significance of issues like structural corrosion, cracks, and deformation. Conservatism is the essential rule. If in doubt, remove the machine from service and contact cab manufacturer for assistance. Examples are:

- Permanent deformation or twisting.
- Missing, damaged, or loose mounting hardware.
- Mounting hardware that is of a grade lesser than specified.
- Any cracks in structure (structural members and/or welds).
- Significant corrosion.
- Modifications, i.e. unauthorized welds or holes.
- Missing or unreadable labels.
- Machine GVW (including attachments, restrained payload, fuel and operator) in excess of the maximum weight specified on the machine label.
- Missing or unusable operator restraint devices. (i.e. seat belts)
- Any unauthorized repair.
- Incomplete/improper installation.

Other conditions may require imminent service but may not render the unit immediately unusable. Examples are:

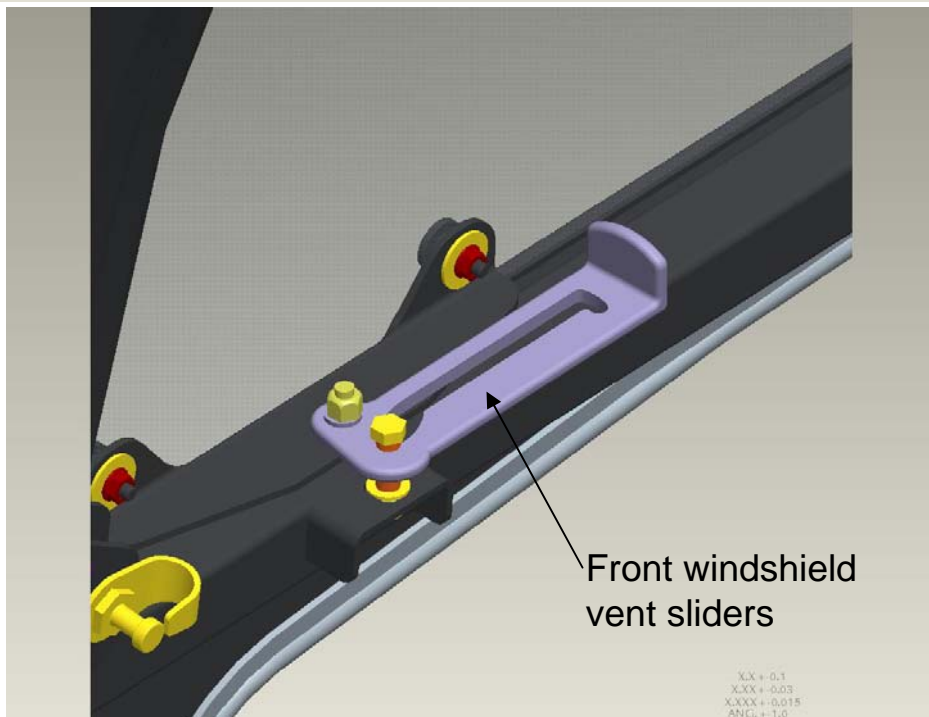
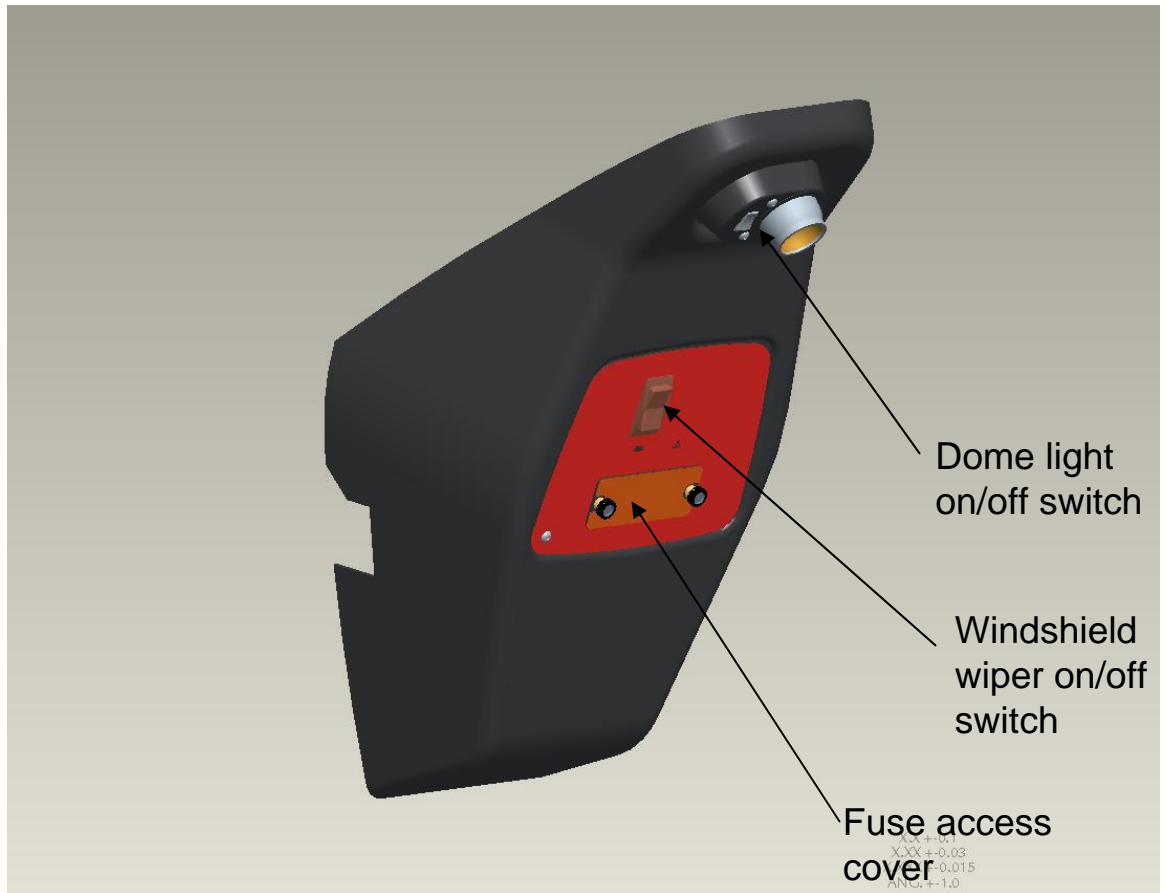
- Faded paint.
- Faded hard to read labels.
- Heavily soiled operator restraints. (seat belts)
- Slightly corroded mounting hardware.
- Cab must be inspected immediately after any type of collision, rollover, or impact. If any damage is evident, the cab must be removed from service, repaired and/or replaced.
- When cab is removed or reinstalled, mounting hardware must be examined for signs of over stressing. Damaged mounting hardware must be replaced before placing the cab back in service.
- Operators are to be instructed to properly adjust and use restraints, seatbelts, at all times.

Replace decals immediately if damaged or missing.



Part No: 117-4955 Located  
on right and left rear door  
post

# OPERATING FEATURES



# VEHICLE PREPARATION

**Step 1.** Position the machine on a level surface. Set the parking brake, turn the ignition off, and remove the key. If you are installing cab onto a Workman MDE, a 12V Power Plug Adapter Kit, model number 07289 is needed to power cab.

**Step 2.** Remove knob from the gear shift lever. (Figure 1.) (For Workman MDE skip to step 4)

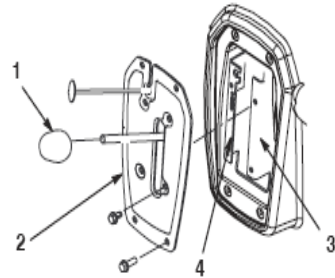


Figure 1

- |                    |                            |
|--------------------|----------------------------|
| 1. Gear shift knob | 3. Shifter bracket         |
| 2. Shifter plate   | 4. Reverse switch location |

**Step 3.** Remove 4 screws that secure shifter plate to shifter bracket. (Figure 1.)

**Step 4.** Remove 4 screws securing the shifter plate to seat base. Remove the shifter plate. (Figure 1.) On MDE, remove 4 screws securing receptacle face plate that will allow seat base to tip forward.

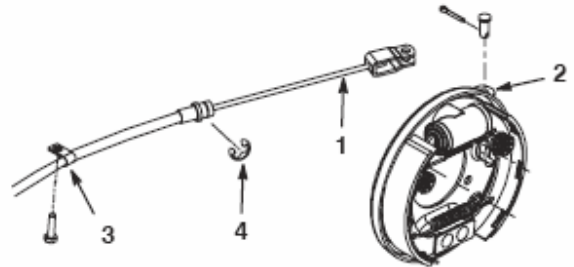


Figure 1b

- |                        |             |
|------------------------|-------------|
| 1. Parking brake cable | 3. R-clamps |
| 2. Brake lever         | 4. C-clips  |

**Step 5.** Remove the cotter pins and clevis pins securing the parking cables to the rear wheel brake levers. (Figure 1b) Remove R-clamps and C-clips securing the brake cable to the frame. MD & MDX only. On MDE, the parking brake cables need to be disconnected from the parking brake lever located on the plastic seat base.

**Step 6.** Remove the seats from the seat base. Remove the 8 flange screws securing the seat base to the floor plate and front frame. Remove the seat base. (Figure 2.) Note: If the vehicle is equipped with a Roll Over Protection System it will need to be removed as this cab is ROPS certified. For Workman MDE only: Removal of seat base to gain access to fuel tank is not needed. But needs to be loose for seat belt mounting.

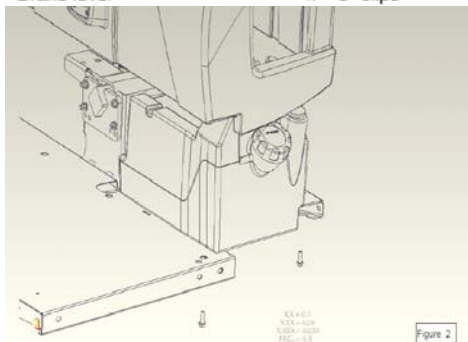


Figure 2

**Step 7.** Install the fuel tank vent extension fitting and hose as shown in Figure 3. (For Workman MDE skip this step unless a ESPAR heater is being used)

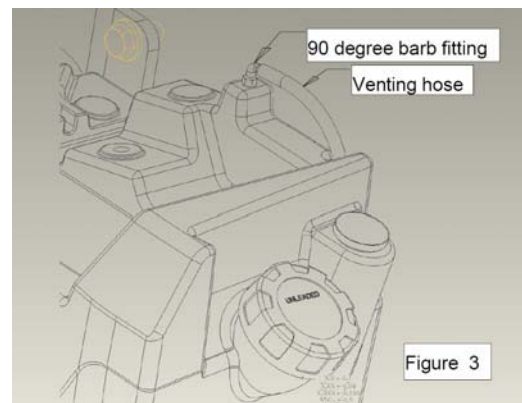


Figure 3

# VEHICLE PREPARATION

**STEP 8.** Mount the left and right seat belt brackets to the frame as shown in Figure 4. with 3/8 X .75 hex flange head bolts and flange locking nuts.

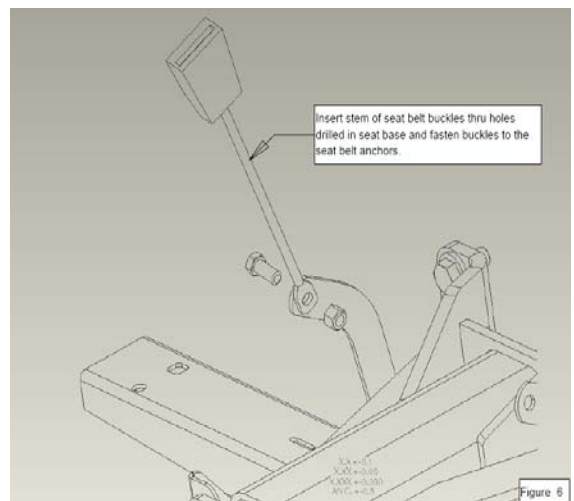
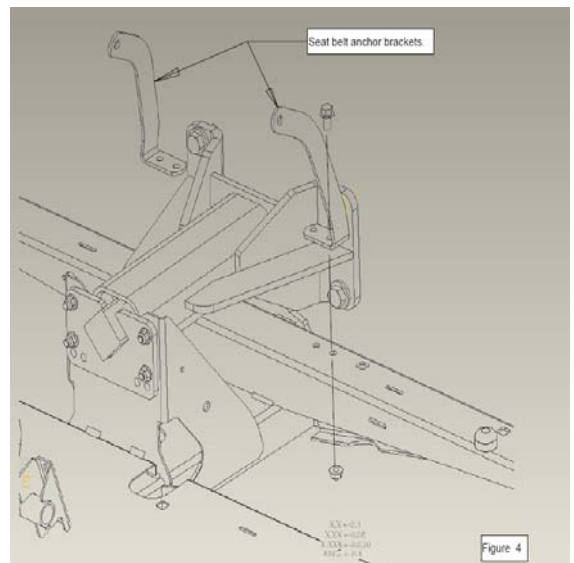
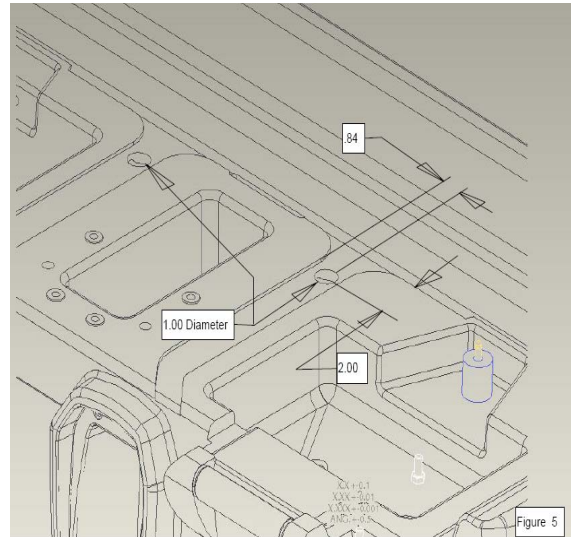
**STEP 9.** Using the dimensions shown in figure 5, locate, mark and drill (2)1.00 Diameter holes in the top of seat base. Locate one hole on each side of the centre compartment. Note; Locating depression marks may already be in the seat base.

**Step 10.** Set seat back into mounting position on vehicle

**Step 11.** Insert the seat belt buckle stems of each seat belt assembly into the holes drilled into the seat base.

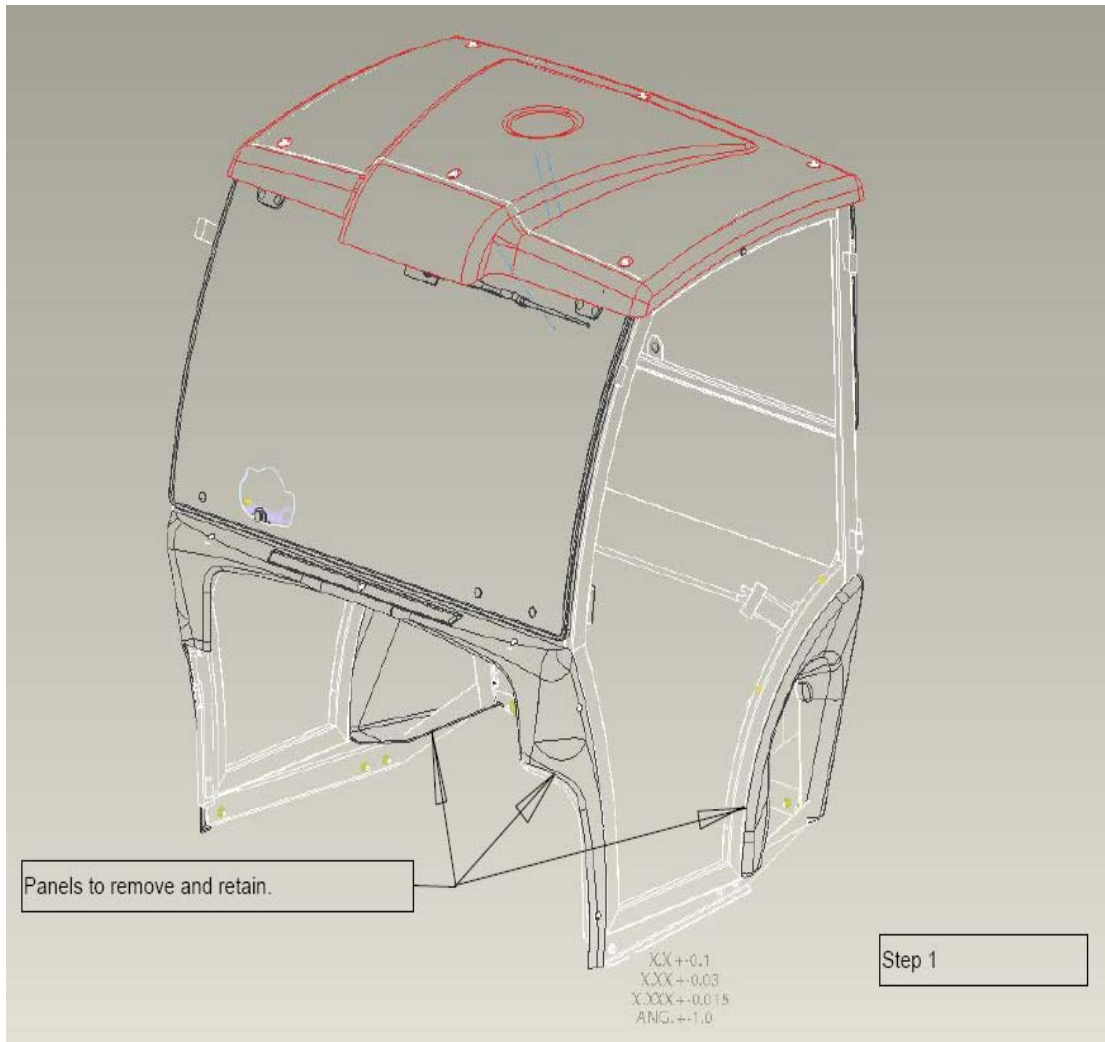
**Step 12.** While lifting the rear seat base to gain access under it , mount the seat belt buckle to the seat belt anchor bracket. See figure 6. use 7/16-14 UNC x 1.00 hex head bolts and lock nuts. Secure seat base to front frame.

**Step 13.** Reinstall the shifter bracket, shifter plate, and gear shift knob previously removed. Make sure that the choke knob assembly is positioned in the shifter plate.



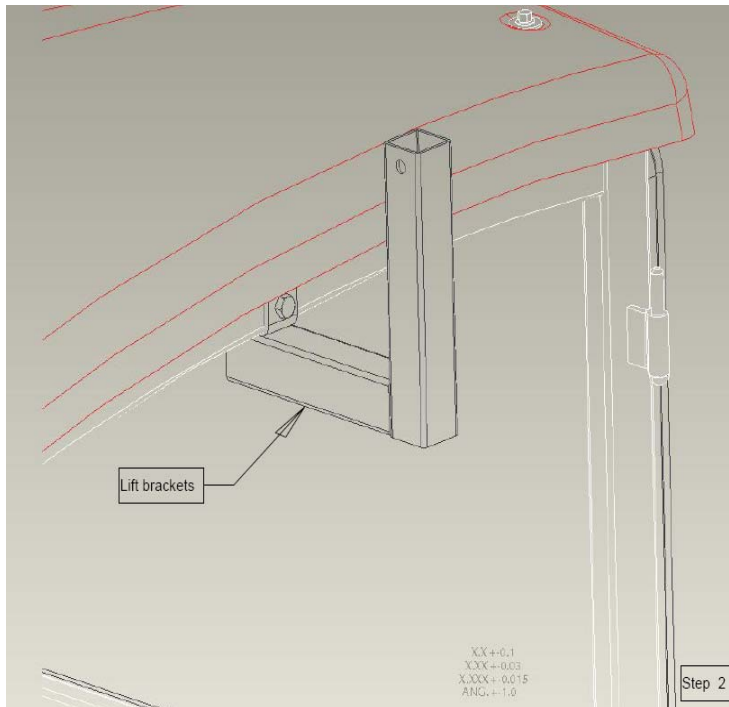
# INSTALLATION INSTRUCTIONS

**Step 1.** Remove side and front composite panels. Retain panels and fasteners for later reinstall.

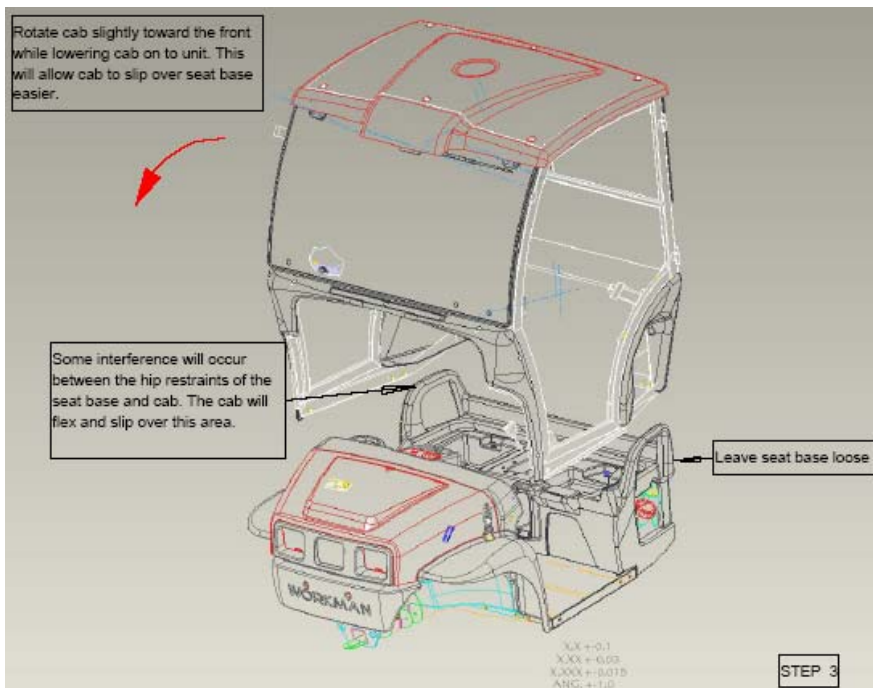


# INSTALLATION INSTRUCTIONS

**Step 2** Install lift brackets to upper door cross tube using 3/8 X 2.5 bolt and nut into .375 diameter hole provided as shown.



**Step 3** Lower cab onto vehicle using lift brackets. Note: leaving seat base loose is recommended. Slightly tilting the front of the cab down will aid installation. Some interference will occur with hip restraints on the seat and the cab, but the cab will flex over these.

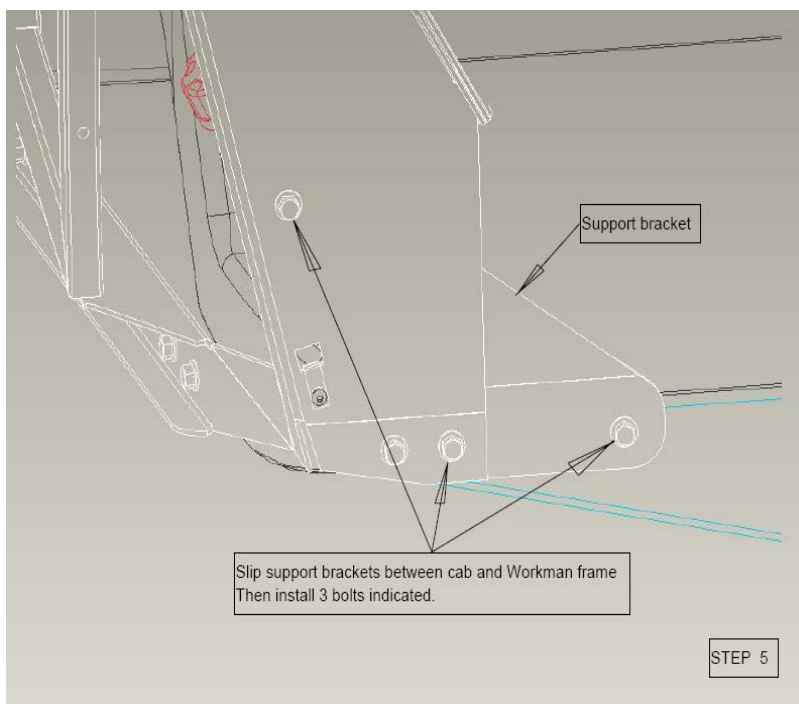


# INSTALLATION INSTRUCTIONS

**Step 4** install (8) 3/8 x 1.00 long hex flange bolts and flange nuts loosely. 4 per side as indicated in illustration.

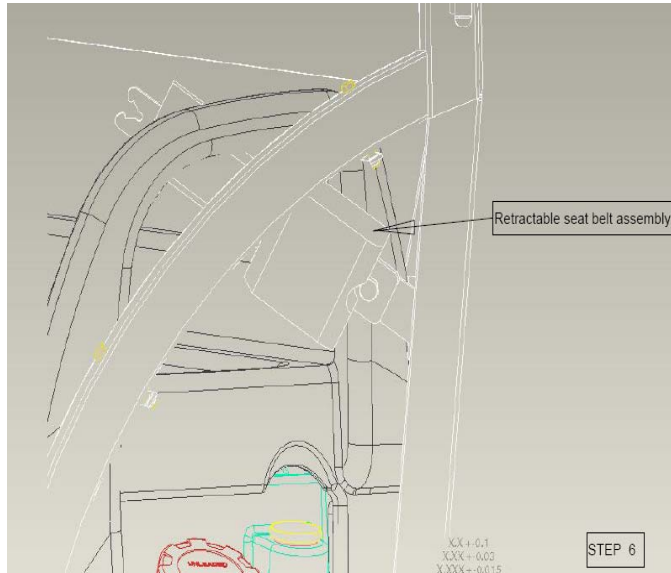


**Step 5** Install rear support brackets by slipping them between the cab and the Workman frame. Then install (3) 3/8 x 1.00 hex flange bolts and flange nuts on both sides. Then tighten all (14) bolts, 7 per side to 33 +/- 5 ft. lbs. Remove lift brackets and install (2) plastic hole plugs.



# INSTALLATION INSTRUCTIONS

**Step 6** Assemble retractable seat belt as shown to tabs welded to cab frame with 7/16 X 1.00 hex bolts and nuts.



**Step 7** Reassemble all composite panels that were previously removed with hardware previously used.

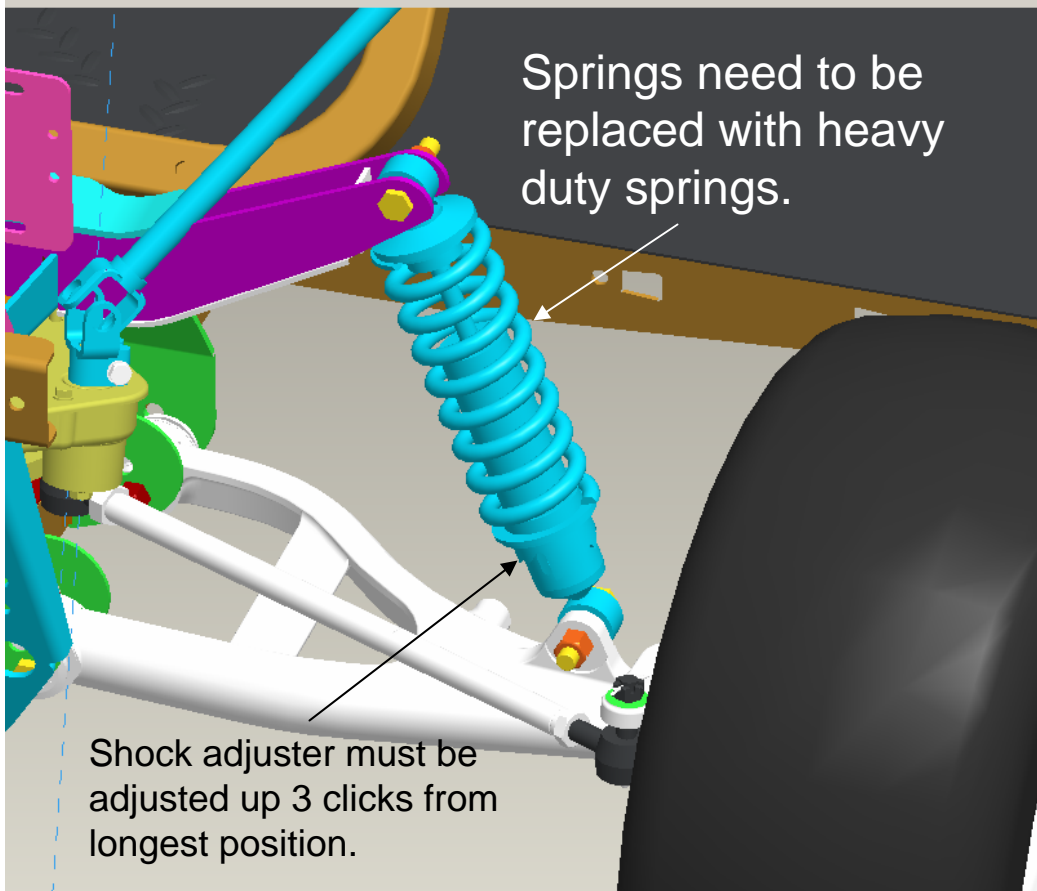
**Step 8 (For Workman MD, MDX only)** loosen bolt located on left side of dash and install wire harness in R-clamp with harness attached in it, back to dash using hardware. In loose parts locate (1) panduit female connector and swage to the red wire and (1) panduit ring connector and swage it to the black wire. Connect the red wire to an open slot in the fuse block, and connect the black wire to the units ground block. Insert a 30 amp fuse in slot on the cab is drawing power from. If there are other attachments taking up the open slot in the fuse block, it will be necessary to acquire an auxiliary fuse block from Toro. Part no. 92-2641.

**(For Workman MDE only)** Loosen bolt and nut located on the left side of dash and install wire harness in R-clamp and assemble R-clamp with harness attached in it back to dash reusing hardware. In loose parts locate (2) panduit male connectors and swage them onto the ends of the red and black wires of the cab wiring harness. Then locate on the 12 Volt Power Plug Adapter kit, the harness with a pink and black wire labeled 12 volt out and connect from the cab to the Workman red to pink, and black to black.



# INSTALLATION INSTRUCTIONS

**Step 9** Before operation of the unit, the front springs need to be replaced with the heavy duty springs provided. Raise front of vehicle off the ground and securely place on jack stands. Remove shock assemblies. Use a spring compressor tool to remove old springs and install new springs. Re-install shock assemblies. Turn shock adjuster three clicks up from the longest position. Refer to service manual for further instructions on spring replacement.



## STANDARD PARTS LIST

QTY	Description
2	Seat belt brackets (See parts photo)
1	R-Clamp
2	Rear Bracket (See parts photo)
14	Bolt, Flange, 3/8" x 1" YD
18	Nut, Flange, 3/8", YD
2	Lift brackets
2	3/8" plugs
2	Seat Belt sets
4	Bolt 7/16"-14 UNC x 1",YD
4	Nut, whiz 7/16"
2	Bolt, 3/8" x 3"
2	Nut, 3/8"
1	Fuel hose, 1/4" Id x 21"
2	Lifting Brackets (See parts photo)
1	Fitting, - 1/8" npt – 1/4" hose barb 90 degree
2	Spring, Heavy Duty

## ELECTRICAL CONNECTOR LIST

QTY	Description
1	Ring terminal
1	female connector

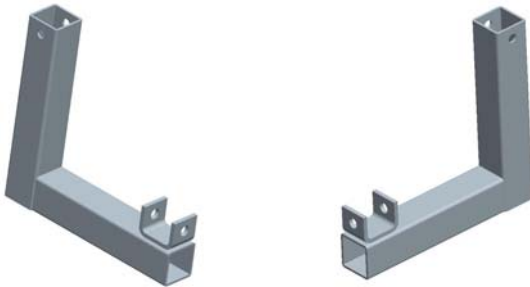
# PARTS PHOTOS



Rear brackets



Seat belt brackets, LH & RH



Lifting brackets

## Optional equipment for Workman<sup>®</sup> MD Series Cab

Option	Part No.
Sliding door kit	07352
Solid door kit	07353
Cooling fan - Available thru Jodale Perry	
Rotating beacon - Available thru Jodale Perry	

Jodale Perry Corporation  
 204-822-9100  
[www.jodaleperry.com](http://www.jodaleperry.com)

## 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 installation or operation.

This manual has been prepared to assist the owner and operators in the safe installation, and suitable maintenance of this cab. The information is applicable to products at the time of manufacture and does not include modifications made afterwards.

Read and understand mounting instructions before attempting to mount cab. Familiarize yourself with the operating instructions and all safety recommendations contained in this manual, and on the tractor. Follow the safety recommendations and make sure that those with whom you work follow them.

### DIRECTION REFERENCE

All references to right and left, forward or rearward, are from the operators' seat, facing the steering wheel.

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

**TRACTOR CAB:** \_\_\_\_\_

**MODEL:** \_\_\_\_\_

**SERIAL NUMBER:** \_\_\_\_\_

**DATE OF PURCHASE:** \_\_\_\_\_

**DEALER NAME:** \_\_\_\_\_

**TORO**

## Toro General Commercial Products Warranty

### A Two-Year Limited Warranty

#### Conditions and Products Covered

The Toro Company and its affiliate, Toro Warranty Company, pursuant to an agreement between them, jointly warrant your Toro Commercial Product ("Product") to be free from defects in materials or workmanship for two years or 1500 operational hours\*, whichever occurs first. This warranty is applicable to all products with the exception of Aerators (refer to separate warranty statements for these products). Where a warrantable condition exists, we will repair the Product at no cost to you including diagnosis, labor, parts, and transportation. This warranty begins on the date the Product is delivered to the original retail purchaser.

\* Product equipped with hour meter

#### Instructions for Obtaining Warranty Service

You are responsible for notifying the Commercial Products Distributor or Authorized Commercial Products Dealer from whom you purchased the Product as soon as you believe a warrantable condition exists. If you need help locating a Commercial Products Distributor or Authorized Dealer, or if you have questions regarding your warranty rights or responsibilities, you may contact us at:

Toro Commercial Products Service Department  
Toro Warranty Company  
8111 Lyndale Avenue South  
Bloomington, MN 55420-1196  
952-888-8801  
E-mail: commercial.warranty@toro.com

#### Owner Responsibilities

As the Product owner, you are responsible for required maintenance and adjustments stated in your *Operator's Manual*. Failure to perform required maintenance and adjustments can be grounds for disallowing a warranty claim.

#### Items and Conditions Not Covered

Not all product failures or malfunctions that occur during the warranty period are defects in materials or workmanship. This warranty does not cover the following:

- Product failures which result from the use of non-Toro replacement parts, or from installation and use of add-on, or modified non-Toro branded accessories and products. A separate warranty may be provided by the manufacturer of these items.
- Product failures which result from failure to perform recommended maintenance and/or adjustments. Failure to properly maintain your Toro product per the Recommended Maintenance listed in the *Operator's Manual* can result in claims for warranty being denied.
- Product failures which result from operating the Product in an abusive, negligent or reckless manner.
- Parts subject to consumption through use unless found to be defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, brakes pads and linings, clutch linings, blades, reels, bed knives, tines, spark plugs, castor wheels, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, and check valves, etc.
- Failures caused by outside influence. Items considered to be outside influence include, but are not limited to, weather, storage practices, contamination, use of unapproved coolants,

lubricants, additives, fertilizers, water, or chemicals, etc.

- Normal noise, vibration, wear and tear, and deterioration.
- Normal "wear and tear" includes, but is not limited to, damage to seats due to wear or abrasion, worn painted surfaces, scratched decals or windows, etc.

#### Parts

Parts scheduled for replacement as required maintenance are warranted for the period of time up to the scheduled replacement time for that part. Parts replaced under this warranty are covered for the duration of the original product warranty and become the property of Toro. Toro will make the final decision whether to repair any existing part or assembly or replace it. Toro may use remanufactured parts for warranty repairs.

#### Note Regarding Deep Cycle Battery Warranty:

Deep cycle batteries have a specified total number of kilowatt-hours they can deliver during their lifetime. Operating, recharging, and maintenance techniques can extend or reduce total battery life. As the batteries in this product are consumed, the amount of useful work between charging intervals will slowly decrease until the battery is completely worn out. Replacement of worn out batteries, due to normal consumption, is the responsibility of the product owner. Battery replacement may be required during the normal product warranty period at owner's expense.

#### Maintenance Is at Owner's Expense

Engine tune-up, lubrication cleaning and polishing, replacement of filters, coolant, and completing Recommended Maintenance are some of the normal services Toro products require that are at the owner's expense.

#### General Conditions

Repair by an Authorized Toro Distributor or Dealer is your sole remedy under this warranty.

Neither The Toro Company nor Toro Warranty Company is liable for indirect, incidental or consequential damages in connection with the use of the Toro Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. Except for the Emissions warranty referenced below, if applicable, there is no other express warranty. All implied warranties of merchantability and fitness for use are limited to the duration of this express warranty.

Some states do not allow exclusions of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### Note regarding engine warranty:

The Emissions Control System on your Product may be covered by a separate warranty meeting requirements established by the U.S. Environmental Protection Agency (EPA) and/or the California Air Resources Board (CARB). The hour limitations set forth above do not apply to the Emissions Control System Warranty. Refer to the Engine Emission Control Warranty Statement printed in your *Operator's Manual* or contained in the engine manufacturer's documentation for details.

#### Countries Other than the United States or Canada

Customers who have purchased Toro products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the Toro Importer.

Part No. 374-0031 Rev. D