



# Bobcat®

## Operation & Maintenance Manual

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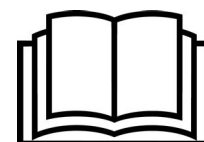
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**CT2025 CT2035 CT2040**  
**CT2535 CT2540**

### Compact Tractor

(CT2025 HST) S/N B4VH11001 & Above  
(CT2025 MANUAL) S/N B4VJ11001 & Above  
(CT2035 HST) S/N B4VK11001 & Above  
(CT2035 MANUAL) S/N B4VL11001 & Above

(CT2040 HST) S/N B4VM11001 & Above  
(CT2040 MANUAL) S/N B4VN11001 & Above  
(CT2535 HST) S/N B4VP11001 & Above  
(CT2540 HST) S/N B4VR11001 & Above



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## REFERENCE INFORMATION

Write the correct information for YOUR Bobcat compact tractor in the spaces below. Always use these numbers when referring to your Bobcat compact tractor.

Compact Tractor Serial Number \_\_\_\_\_  
Engine Serial Number \_\_\_\_\_  
Loader Serial Number (If Equipped) \_\_\_\_\_

NOTES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

YOUR BOBCAT DEALER:

ADDRESS:

PHONE:

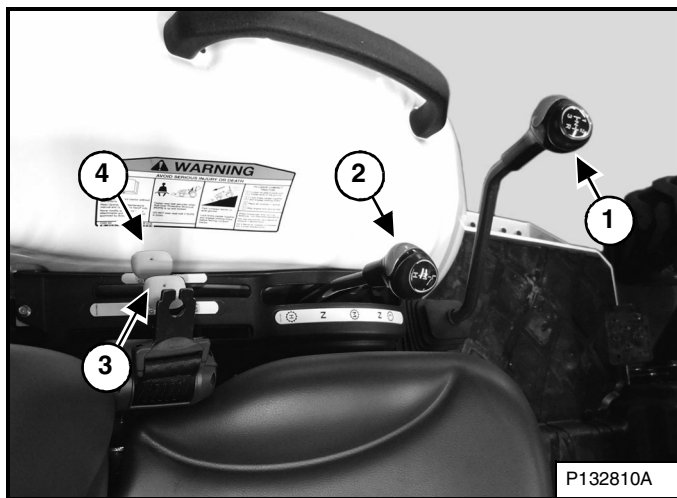
Bobcat Company  
P.O. Box 128  
Gwinner, ND 58040-0128  
UNITED STATES OF AMERICA

Doosan Bobcat EMEA s.r.o.  
U Kodetky 1810  
263 12 Dobris  
CZECH REPUBLIC

## OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

### Left Console (Manual)

Figure 15

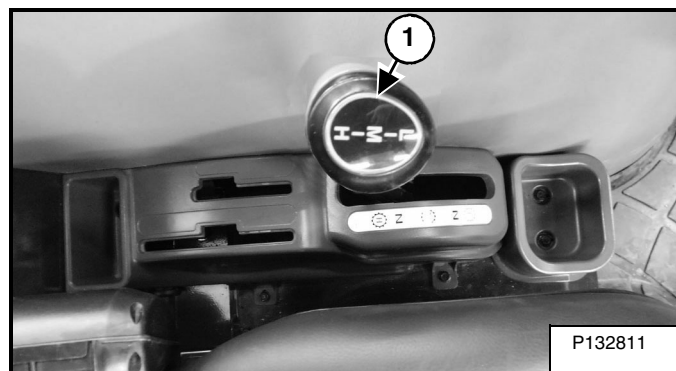


REF	DESCRIPTION	FUNCTION / OPERATION
1	Three Speed Gear Shift Lever (1-2-3-R)	Press the clutch pedal, then move the lever to the desired gear, (1, 2, 3, or R). (See GEAR SHIFT LEVER (MANUAL TRANSMISSION ONLY) on Page 47.)
2	Speed Range Lever (L-N-M-N-H)	Press the brake pedals, then move the lever forward for High (H) speed range, Neutral (N) position, Medium (M) speed, Neutral (N) position, and back for Low (L) speed range. (See SPEED RANGE LEVER on Page 46.)
3	PTO Lever (Rear)	Move the PTO lever forward to engage the rear PTO. (See Engaging Rear-PTO (ROPS Models) on Page 62.)
4	PTO Lever (Mid) (If Equipped)	Move the PTO lever forward to engage the mid PTO. (See Engaging Mid-PTO (If Equipped) on Page 64.)

### Left Console (HST)

(CAB models)

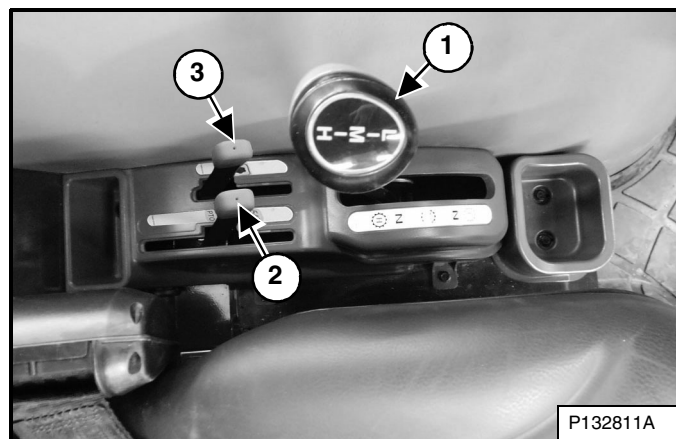
Figure 16



REF	DESCRIPTION	FUNCTION / OPERATION
1	Speed Range Lever (L-N-M-N-H)	Press the brake pedal, move the lever for Low (L), Neutral (N), Medium (M), Neutral (N), and for High (H) range. (See SPEED RANGE LEVER on Page 46.)

(ROPS Models)

Figure 17



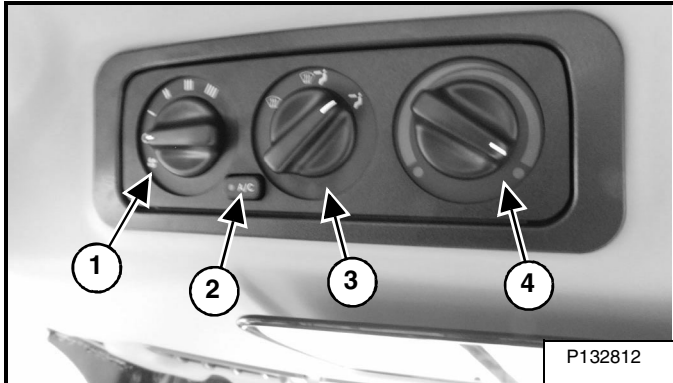
REF	DESCRIPTION	FUNCTION / OPERATION
1	Speed Range Lever (L-N-M-N-H)	Press the brake pedal, move the lever for Low (L), Neutral (N), Medium (M), Neutral (N), and for High (H) range. (See SPEED RANGE LEVER on Page 46.)
2	PTO Lever (Rear)	Move the PTO lever forward to engage the rear PTO. (See Engaging Rear-PTO (ROPS Models) on Page 62.)
3	PTO Lever (Mid) (If Equipped)	Move the PTO lever forward to engage the mid PTO. (See Engaging Mid-PTO (If Equipped) on Page 64.)

## OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

### Cab (If Equipped)

If the compact tractor is equipped with the cab, it will have the following;

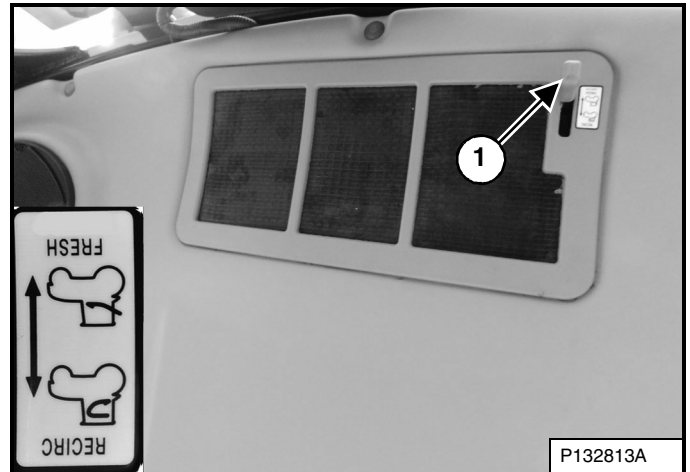
**Figure 18**



The cab overhead console will be equipped with the following;

REF	DESCRIPTION	FUNCTION / OPERATION
1	Fan Motor	Turn clockwise to increase fan speed; counterclockwise to decrease. There are four fan speeds; OFF-1-2-3-4.
2	Air Conditioning Switch	Press switch to turn ON air conditioning, press a second time to turn OFF. Fan Motor (Item 1) must be on for A/C to operate.
3	Air Vent / Air Flow Location	Rotate the switch to control air flow to various areas in the cab. The icons on the switch indicate the air flow location.
4	Temperature Control	Turn counterclockwise to increase temperature; clockwise to decrease.

**Figure 19**



The cab air circulation can be changed from fresh air to recirculation air.

Move the lever (Item 1) [Figure 19] backward for fresh air; forward for recirculation.

## SAFETY INTERLOCK SYSTEM (NEUTRAL START)

### Safety Interlock System (Neutral Start) (HST)

# ! WARNING

### AVOID INJURY OR DEATH

The Safety Interlock System must not allow the compact tractor's engine to be started unless: the operator is in the operator's seat, one brake pedal is depressed, the PTO switch is off, and the speed range lever is in neutral. Contact your dealer for service if the Safety Interlock System does not function properly. **DO NOT MODIFY THE SYSTEM.**

W-2802-0709

# ! WARNING

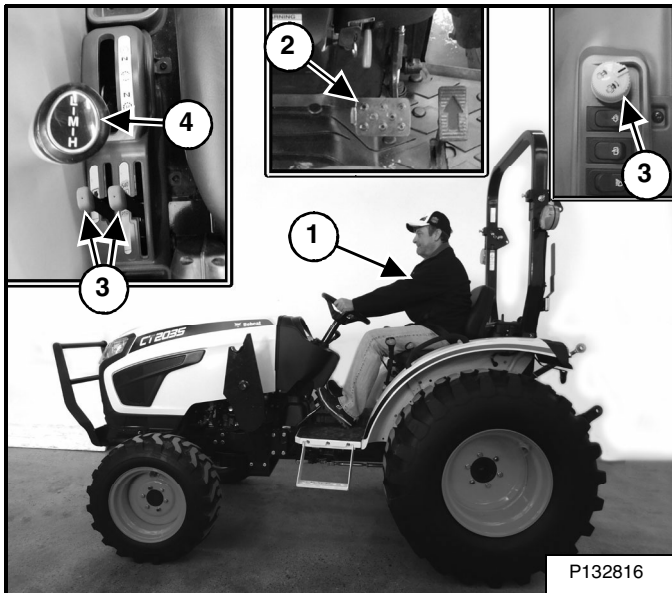
### AVOID INJURY OR DEATH

When operating the machine:

- Use the ROPS and fasten the seat belt.
- Keep PTO shield and all guards in place.
- Do not wear seat belt if ROPS is down.
- Never carry riders.

W-2654-0907

Figure 20



The engine will not start unless all the following conditions are present:

1. The operator (Item 1) [Figure 20] is seated in the operator's seat.
2. The brake pedal (Item 2) [Figure 20] is depressed.
3. The PTO switch (Item 3) (Cab models) or the PTO lever(s) (ROPS models) [Figure 20] are in the disengaged (OFF) position.
4. The speed range lever (Item 4) [Figure 20] is in the neutral position.

If the engine starts without all of the above conditions present, the compact tractor must be serviced by your Bobcat dealer.

## SAFETY INTERLOCK SYSTEM (NEUTRAL START) (CONT'D)

### Safety Interlock System (Neutral Start) (Manual)

# ! WARNING

### AVOID INJURY OR DEATH

The Safety Interlock System must not allow the compact tractor's engine to be started unless: the operator is in the operator's seat, the brake pedals are depressed, the PTO is disengaged, and the speed range lever is in neutral. Contact your dealer for service if the Safety Interlock System does not function properly. **DO NOT MODIFY THE SYSTEM.**

W-3062-0919

# ! WARNING

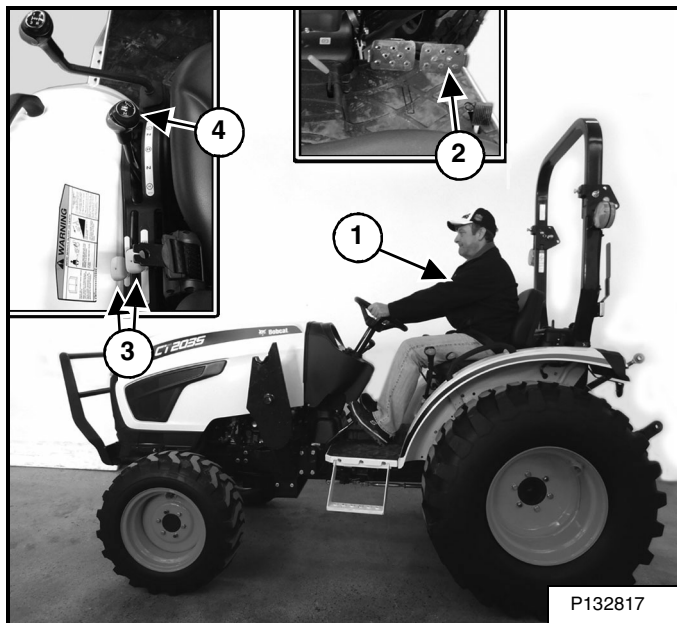
### AVOID INJURY OR DEATH

When operating the machine:

- Use the ROPS and fasten the seat belt.
- Keep PTO shield and all guards in place.
- Do not wear seat belt if ROPS is down.
- Never carry riders.

W-2654-0907

Figure 21



The engine will not start unless all the following conditions are present:

1. The operator (Item 1) [Figure 21] is seated in the operator's seat.
2. The left brake pedal (Item 2) [Figure 21] is depressed.
3. The PTO lever(s) (Item 3) [Figure 21] is in the disengaged (OFF) position.
4. The speed range lever (Item 4) [Figure 21] is in the neutral position.

If the engine starts without all of the above conditions present, the compact tractor must be serviced by your Bobcat dealer.

## SAFETY INTERLOCK SYSTEM (OPERATING)

### Safety Interlock System (Operating) (HST)

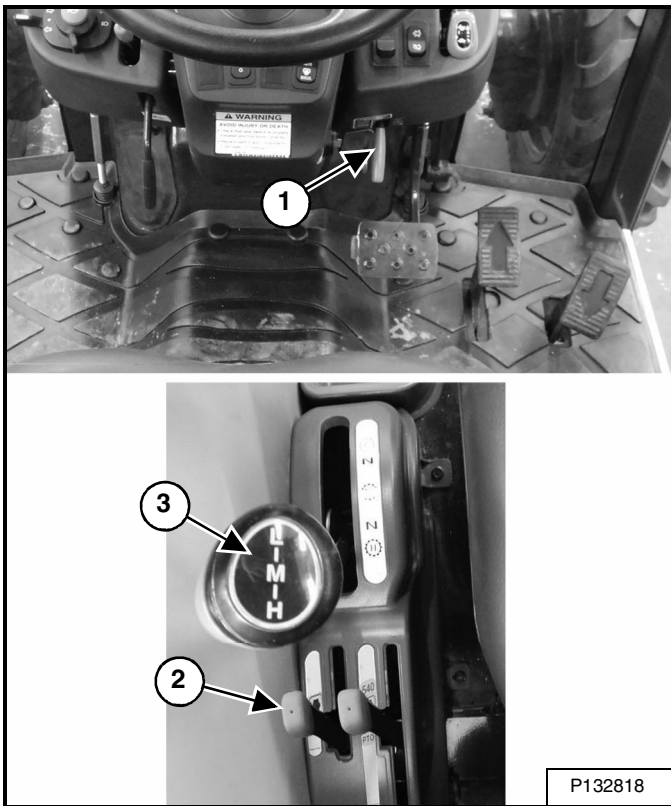
# ! WARNING

### AVOID INJURY OR DEATH

The Safety Interlock System must shut off the engine if the operator leaves the operator's seat unless: the parking brake is engaged, the mid-PTO lever is disengaged, and the speed range lever is in neutral. Contact your dealer for service if the Safety Interlock System does not function properly. **DO NOT MODIFY THE SYSTEM.**

W-2749-0708

Figure 22



The engine must shut off if the operator leaves the operator's seat, unless all the following conditions are present:

1. The parking brake (Item 1) [Figure 22] is engaged.
2. The mid-PTO lever (Item 2) [Figure 22] is in the disengaged (OFF) position.
3. The speed range lever (Item 3) [Figure 22] is in the neutral position.

If the engine does not shut off when the operator leaves the operator's seat without all of the above conditions present, the compact tractor must be serviced by your Bobcat dealer.

# ! WARNING

### AVOID INJURY OR DEATH

Before you leave the operator's seat:

- Fully lower the loader arms, put the attachment flat on the ground (if equipped).
- Fully lower the implement(s) to the ground (if equipped).
- Lock brake pedals together (if equipped) and engage the parking brake.
- Place F-N-R lever in neutral (SST models only).
- Place all controls in neutral.
- Stop the engine, unfasten the seat belt and remove the key.

W-2569-0819

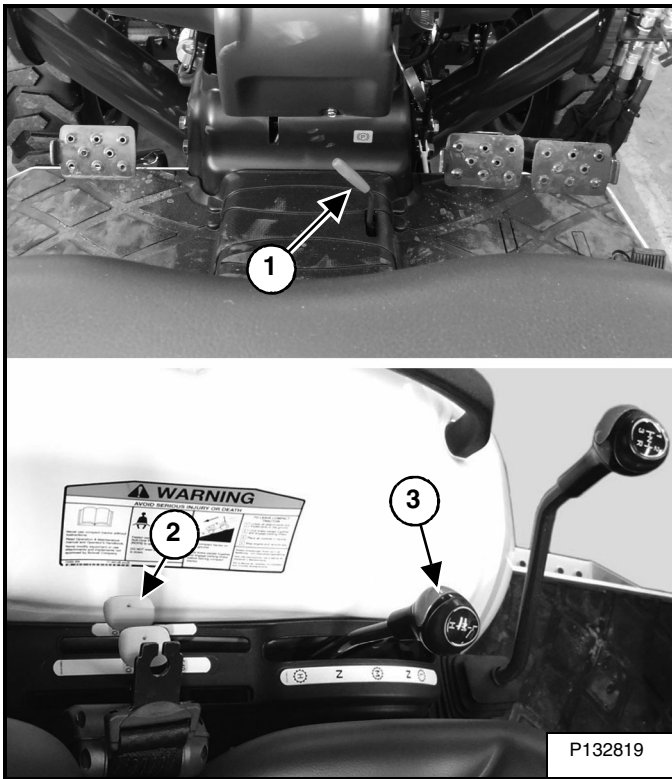
## ! WARNING

### AVOID INJURY OR DEATH

The Safety Interlock System must shut off the engine if the operator leaves the operator's seat unless: the parking brake is engaged, the mid-PTO lever is disengaged, and the speed range lever is in neutral. Contact your dealer for service if the Safety Interlock System does not function properly. **DO NOT MODIFY THE SYSTEM.**

W-3063-0919

Figure 23



The engine must shut off if the operator leaves the operator's seat, unless all the following conditions are present:

1. The brake pedals are locked together and the parking brake (Item 1) [Figure 23] is engaged.
2. The mid-PTO lever (Item 2) [Figure 23] (if equipped) is in the disengaged (OFF) position.
3. The speed range lever (Item 3) [Figure 23] is in the neutral position.

If the engine does not shut off when the operator leaves the operator's seat without all of the above conditions present, the compact tractor must be serviced by your Bobcat dealer.

## ! WARNING

### AVOID INJURY OR DEATH

Before you leave the operator's seat:

- Fully lower the loader arms, put the attachment flat on the ground (if equipped).
- Fully lower the implement(s) to the ground (if equipped).
- Engage the parking brake.
- Place the speed range lever in neutral (N).
- Place all controls in neutral.
- Stop the engine, unfasten the seat belt and remove the key.

W-3064-0919

## ROLL-OVER PROTECTIVE STRUCTURE (ROPS)

### Foldable ROPS (If Equipped)



#### AVOID INJURY OR DEATH

The foldable ROPS (if equipped) must be in the raised position with the seat belt securely fastened. For height restricted applications that require the ROPS to be in the lowered position, **DO NOT** fasten the seat belt. There is no rollover protection when the ROPS is in the lowered position. Put the ROPS in the UP and LOCKED position when the height restricted use is not required.

W-2553-0708

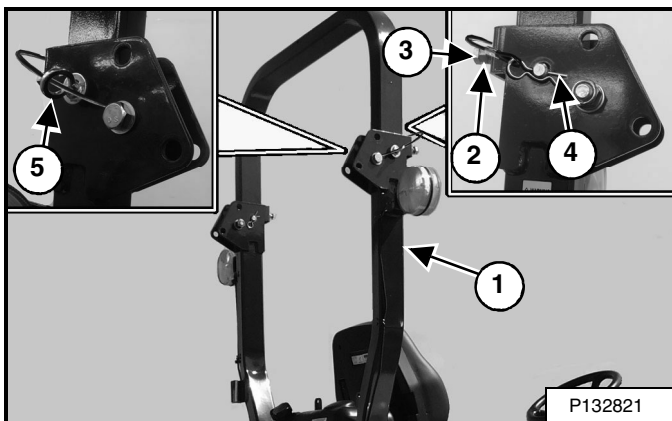
It is recommended to have the ROPS in the UP position, with the seat belt securely fastened. This will reduce the risk of serious injury in case of a rollover.

For applications that have a height restriction, the ROPS can be temporarily lowered. Do not fasten seat belt when the ROPS is in the down position.

Stop the engine, engage the parking brake, exit the machine and put the ROPS in the UP and LOCKED position when the height restricted use is not required.

### Raising And Lowering The ROPS

Figure 24



The compact tractor is equipped with a Roll-Over Protective Structure (ROPS) (Item 1) [Figure 24].

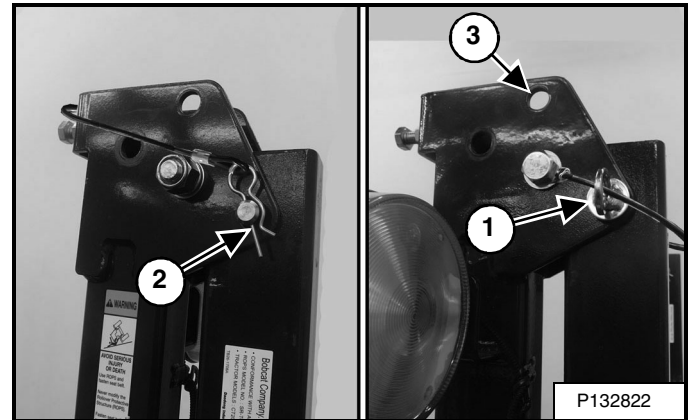
#### To Lower The ROPS:

Loosen the lock nut (Item 2) and loosen the bolt (Item 3) [Figure 24] (both sides).

Remove the retainer clip (Item 4) [Figure 24] (both sides).

Securely grasp the ROPS (Item 1) with one hand and remove the pin (Item 5) [Figure 24] (both sides) and lower the ROPS to the down position.

Figure 25



Lower the ROPS until the pin (Item 1) and retainer pin (Item 2) [Figure 25] can be installed into the lower mounting hole (both sides).

The ROPS can also be lower partially and pinned into the middle hole (Item 3) [Figure 25].

#### To Raise The ROPS:

Remove the retainer pin (Item 2) [Figure 25] (both sides).

Securely grasp the ROPS and remove the pin (Item 1) [Figure 25] (both sides)

Raise the ROPS to the upright position and install the pin (Item 5) [Figure 24] (both sides).

Install the retainer pin (Item 4) [Figure 24] (both sides).

Tighten the bolt (Item 3) [Figure 24] firmly to the ROPS (both sides). This will reduce vibration of the ROPS structure.

Tighten the jam nut (Item 2) [Figure 24] (both sides).



#### AVOID INJURY OR DEATH

The ROPS must be properly secured in the raised position. Make sure that both pins are correctly installed through the mounting frame and the ROPS tube and secured with the retainer pins. Improperly installed fasteners will cause loss of ROPS protection.

W-2554-0807

## ROLL-OVER PROTECTIVE STRUCTURE (ROPS) (CONT'D)

### Cab (If Equipped)

The compact tractor may be equipped with an operator cab (ROPS) (Roll Over Protective Structure).

The cab will reduce the risk of serious injury in case of a rollover. The seat belt must be worn for ROPS protection.

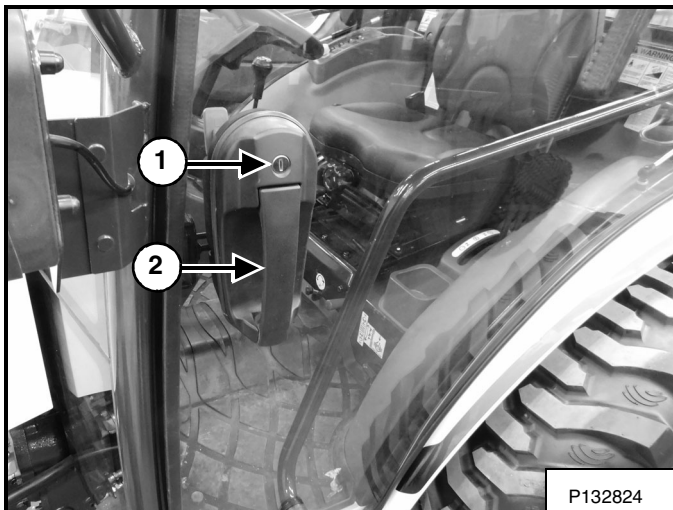
## **WARNING**

Never modify operator cab by welding, grinding, drilling holes or adding attachments unless instructed to do so by Bobcat Company. Changes to the cab can cause loss of operator protection from rollover and falling objects, and result in injury or death.

W-2069-0200

### Cab Door (If Equipped)

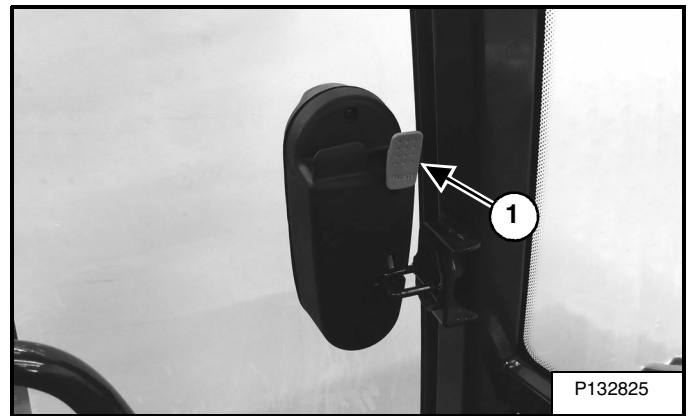
Figure 26



The cab door can be locked (Item 1) [Figure 26] with the same key as the starter switch.

Pull the door handle (Item 2) [Figure 26] to unlatch the door.

Figure 27



Push the inside door lever (Item 1) [Figure 27] to open the door.