

Inspection And Maintenance

When the brakes are used to slow the compact tractor, there should be no noticeable pulling to the left or the right. If brakes need adjusting, use the following procedure.

The brakes are inspected by measuring pedal free travel.

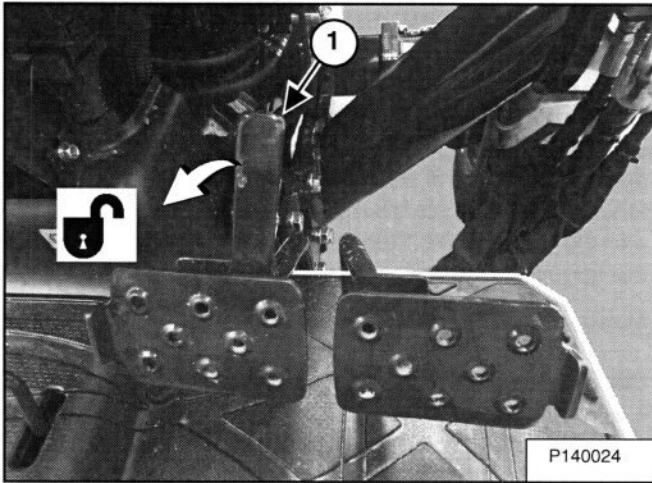
WARNING

AVOID INJURY OR DEATH

Stop engine and chock both rear tires before inspecting or adjusting brakes.

W-2590-0607

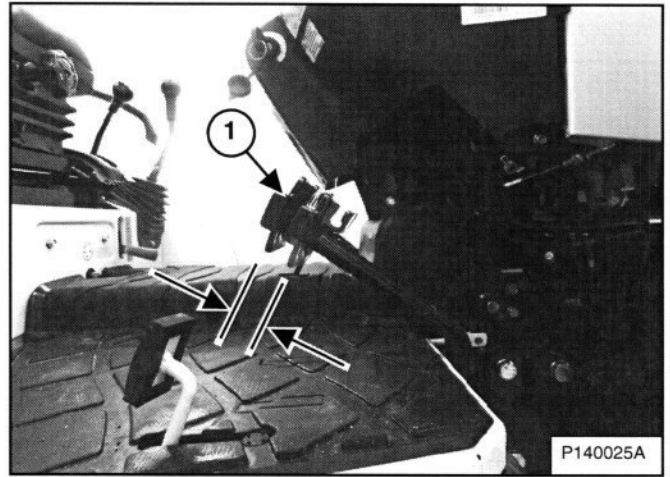
Figure 198



For Manual Transmission models only: The brake pedals must be unlocked for brake inspection and maintenance.

Rotate the lock lever (Item 1) [Figure 197] to the unlocked position.

Figure 199

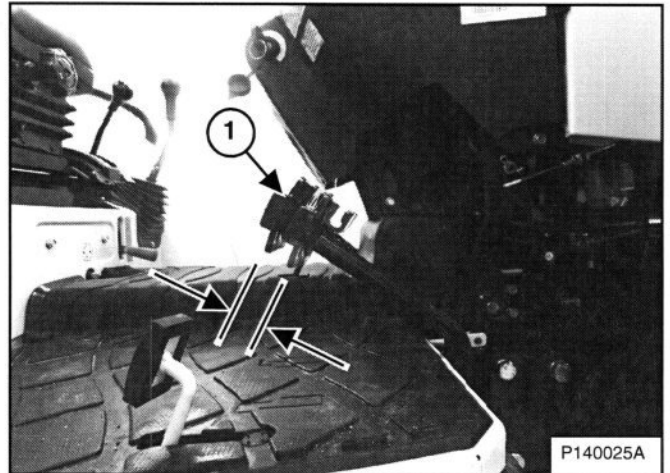


For Manual Transmission models only: Press down lightly on the right brake pedal (Item 1) [Figure 199] until resistance is felt.

Measure the distance that the pedal traveled.

Repeat the procedure for the left brake pedal.

Figure 200



For HST models only: Press down lightly on the brake pedal (Item 1) [Figure 199] until resistance is felt.

For ALL models: The correct brake pedal free travel for the brake pedal(s) is:

Brake pedal free travel	20 - 30 mm (0.80 - 1.20 in)
For Manual Transmission models, adjust until the free travel is equal for both the left and right brake pedals.	

After brake pedal adjustment is completed, check the free play again. Adjust as needed until within the correct freeplay specifications

BRAKE SYSTEM (CONT'D)

Adjusting

! WARNING

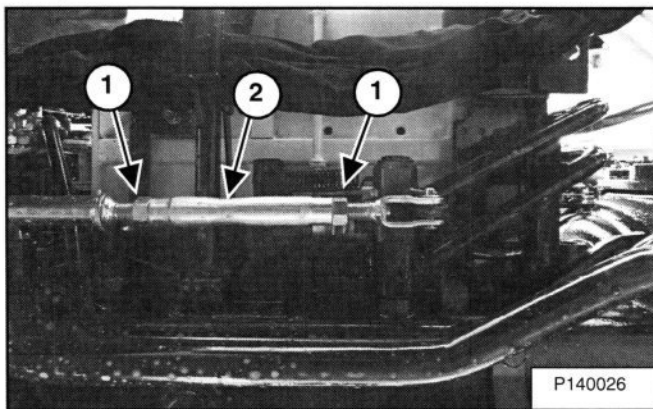
AVOID INJURY OR DEATH

Brake pedals must be locked together (if equipped) before activating the parking brake or for road travel. Only unlock the brake pedals (if equipped) when brake adjustment is needed or when using the brake pedals for slow speed turning in work applications. Using unlocked brake pedals (if equipped) to stop the machine at high speeds may cause accidental turning or tipping. Slow down before making a turn. Inspect and adjust the brakes as needed.

W-2750-0919

Manual Transmission Brake Adjustment:

Figure 201



NOTE: The right brake pedal adjustment is shown. The procedure is the same for the left brake pedal adjustment.

The adjustment linkage for the right brake pedal is located below the right side of the floorboard.

To adjust the right brake pedal free travel, loosen the two lock nuts (Item 1) [Figure 201].

Turn the turnbuckle (Item 2) [Figure 201] to adjust pedal freeplay.

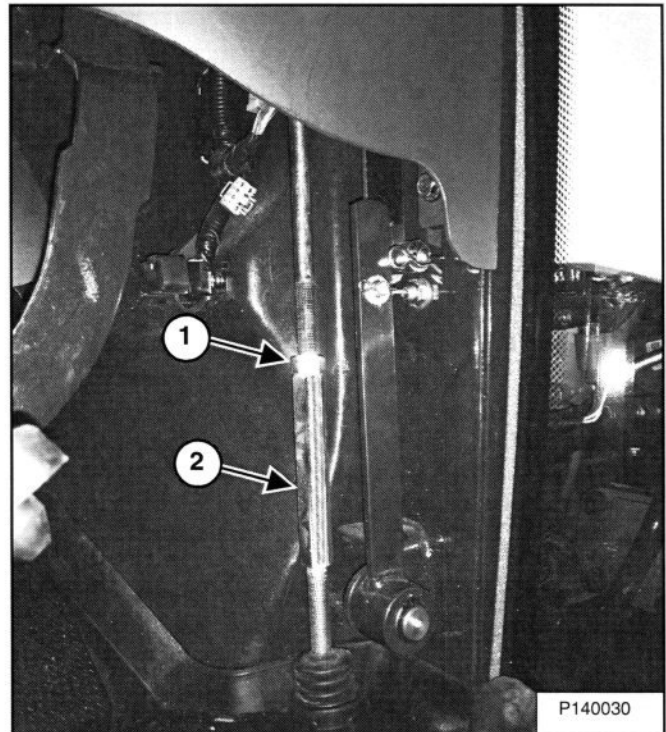
When both the left and right brakes have been adjusted, tighten the two lock nuts (Item 1) [Figure 201] (both sides).

After the brakes have been adjusted, the compact tractor should stop in a straight line when using the brake pedal(s). If the compact tractor pulls to one side, readjust the brakes as needed.

Check the parking brake operation. (See PARKING BRAKE SYSTEM on Page 138.)

HST Brake Adjustment:

Figure 202



NOTE: The right brake adjustment is shown. The procedure is the same for the left brake adjustment.

The adjustment linkage for the right brake is located on the right side of the front console.

To adjust the right brake, loosen the lock nut (Item 1) [Figure 201].

Turn the turnbuckle (Item 2) [Figure 201] to adjust the brake.

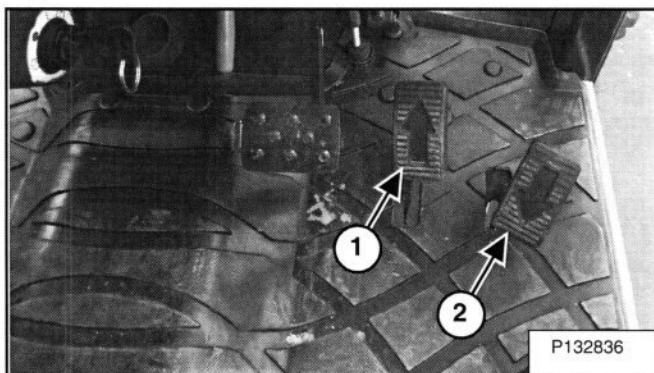
When both the left and right brakes have been adjusted, tighten the lock nut (Item 1) [Figure 201] (both sides).

After the brakes have been adjusted, the compact tractor should stop in a straight line when using the brake pedal. If the compact tractor pulls to one side, readjust the brakes as needed until the machine stops in a straight line.

Check the parking brake operation. (See PARKING BRAKE SYSTEM on Page 138.)

Inspection And Maintenance

Figure 203



When on flat level ground, if any movement of the compact tractor is detected when the travel control pedals (Item 1 and 2) **[Figure 203]** are in neutral and the speed range lever is in gear, contact your Bobcat dealer for service.

! WARNING

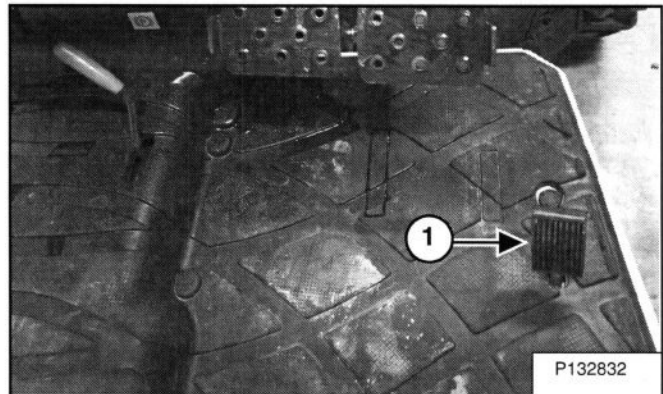
AVOID INJURY OR DEATH

When on flat level ground, the compact tractor must not move with the travel control pedal(s) in the neutral position and the speed range lever in gear. If any movement is detected, discontinue operation and contact your Bobcat dealer for service.

W-2591-0907

Inspection And Maintenance

Figure 204



When press, the engine speed control pedal (Item 1) **[Figure 204]** increases the engine rpm.

Engage the parking brake.

Move the engine speed control lever to low idle. Press the engine speed control pedal (Item 1) **[Figure 204]** to increase engine rpm. Release the pedal and the engine rpm must return to low idle.

If the engine rpm does not return to low idle, contact your Bobcat dealer for service.