

CAB (Cont'd)

Right Hand Side Window Removal and Installation (Cont'd)

THREE PIECE SIDE WINDOW.

Lift the glass up into the window channel and tilt the bottom edge out. Lower the glass from the cab [A].

NOTE: The outer glass must be removed before inner glass can be removed.

Use the same procedure to remove the inner glass.

Installation: Tilt the top of the glass inward and up into the window channel. Lower the glass onto the window track.

With the window in the open position, slide the window felt channel into the window frame and onto the window. Slide the window back and forth while working the window felt into the window frame [B].

Use a blunt tool to fully seat the window channel felt.

Install the rubber bumper strip at the front of the window frame.

Right Hand Window Assembly Removal and Installation

To remove the right hand window assembly, remove the two pieces of window (See Below). Carefully pry out the window frame from the cab assembly.

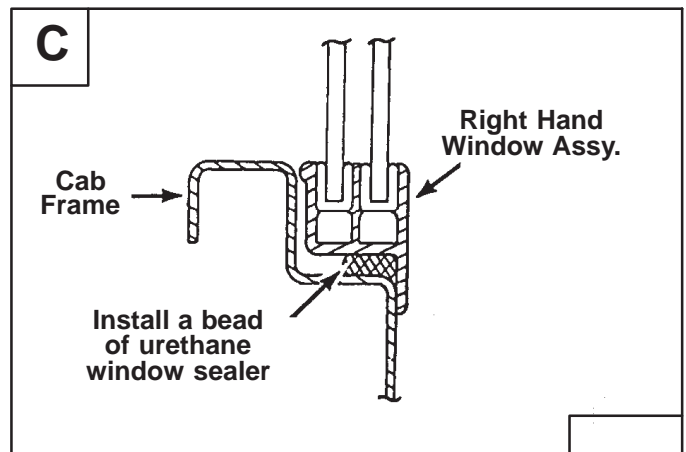
NOTE: If the window frame is to be used, use care to remove the frame. The window frame is aluminum and can easily be damaged.

To install the window frame, clean the cab frame opening of any dust, dirt, grease or existing urethane window sealant.

Put a bead of urethane window sealant (P/N 6654148) on the window frame assembly as shown [C].

Install the window assembly into the opening and press into position.

Let the sealant set-up (per the recommendation on the sealant instructions on the tube) before moving the excavator.

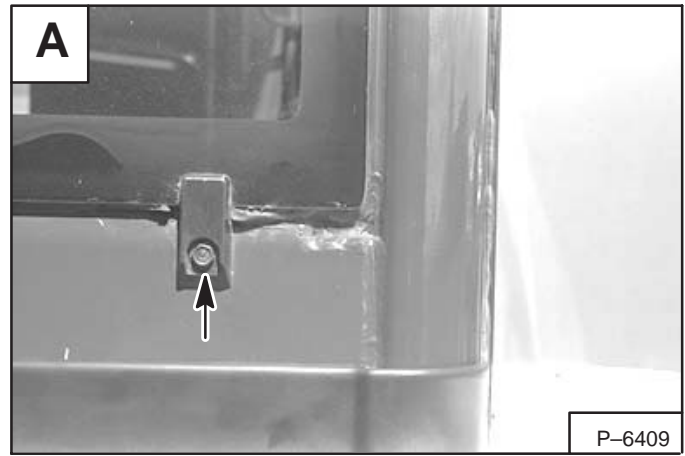


CAB (Cont'd)

Rear Window Removal and Installation

Remove the four (4) clamps [A].

Hold the window in position while cutting the abrasive.



Insert the cut wire through the adhesive at the corner of the window. Pull the wire around the window perimeter to cut the adhesive [B].

Installation: Install the adhesive tape to the outer perimeter of the window. Put the window into the window opening and press the window into position.

Install the four window retaining clamps.



CAB/CANOPY REAR COVER

Removal

The plastic cover is attached to the cab and canopy with an adhesive.

To remove the cover, start at one end of the cover and use two putty knives and slowly pry out on the cover to separate the adhesive from the cover and the cab.

Remove the three bolts that hold the support to the cab/canopy [A].

Installation: Tighten the bolts to 14–18 ft.-lbs. (20–25 Nm) torque.

Installation

Clean the back surface of the plastic cover.

Install the adhesive tape (P/N 6665212) on the back, top surface of the cover [B].

Leave approximately a 1/8" (3 mm) gap between the adhesive tape and the outer edges of the cover.

NOTE: Leave the protective film on the one side of the adhesive tape at this time.

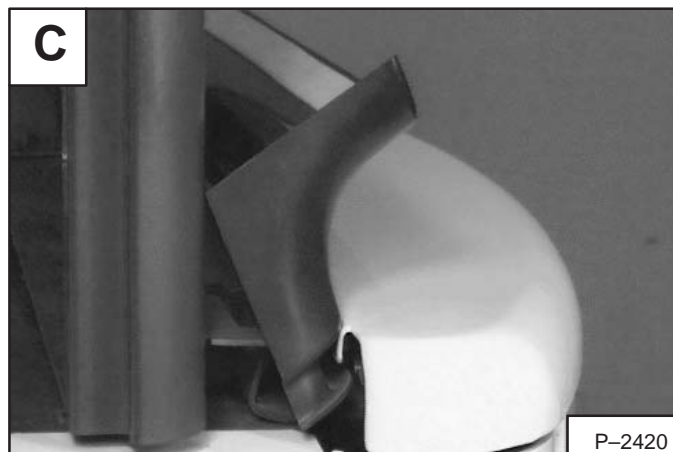
With the engine cover closed, tip the plastic cover so that the drip rail will slide under the top lip of the engine cover.

Roll the cover towards the cab/canopy until the drip rail is fully engaged [C].

Test fit the cover to the cab and determine the best fit.

Tip the cover back and remove the protective film from the tape and install the cover on the cab/canopy [D].

Firmly press the top edge of the cover into the cab/canopy so that the adhesive has a complete bond [D].





MAIN FRAME AND TRACKS

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MAIN FRAME
& TRACKS



BLADE

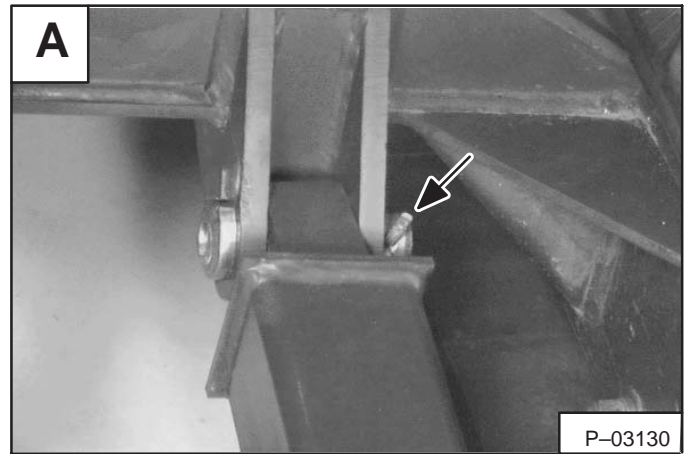
Removal and Installation

Lower the blade to the ground.

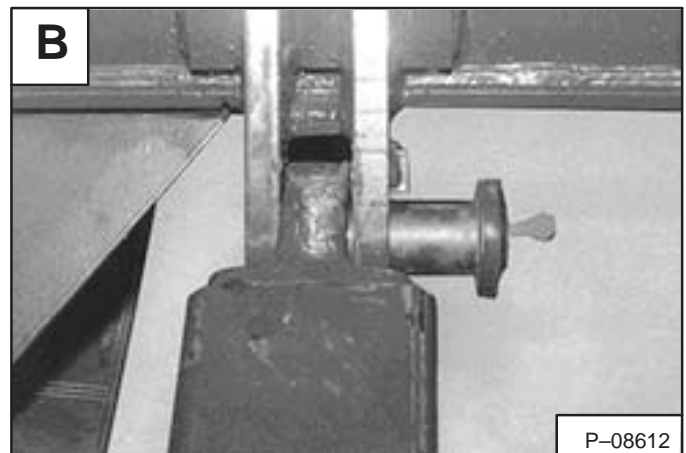
Disconnect the blade cylinder hoses. (See Page 2-1.)

Remove the cylinder. (See Page 2-1.)

Remove the cotter pin from the blade arm pivot pins (both sides) **[A]**.



Remove the blade arm pivot pins **[B]**.



TRACK

Track Lug Height

Rubber Track

The lug height of a new rubber track (Bridgestone or Spencer) is .9843" (25 mm).

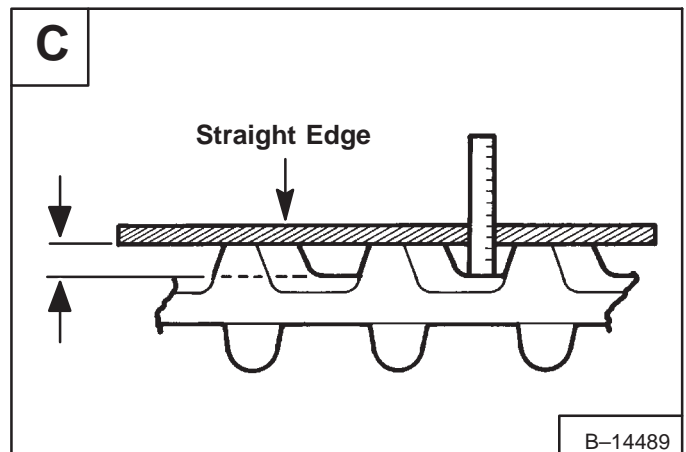
To find the percentage of wear on a excavator track, measure the height of the lug by placing a straight edge across the top of three (3) lugs and measure the distance from the base of the track to the bottom of the straight edge **[C]**.

Divide this measurement by the new track height and multiply by 100. This will give the percentage of track lug left.

Example: lug height .7874" (20 mm)

$$\frac{.7874}{.9843} \times 100 = 80$$

80% of the track lug is remaining with 20% wear on the track lugs.



TRACK (Cont'd)

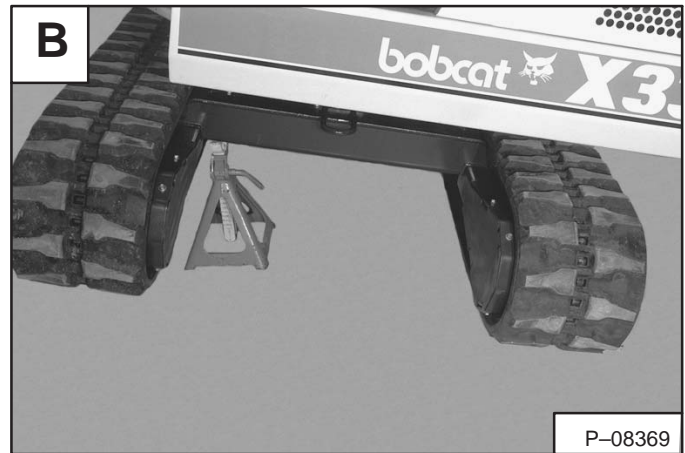
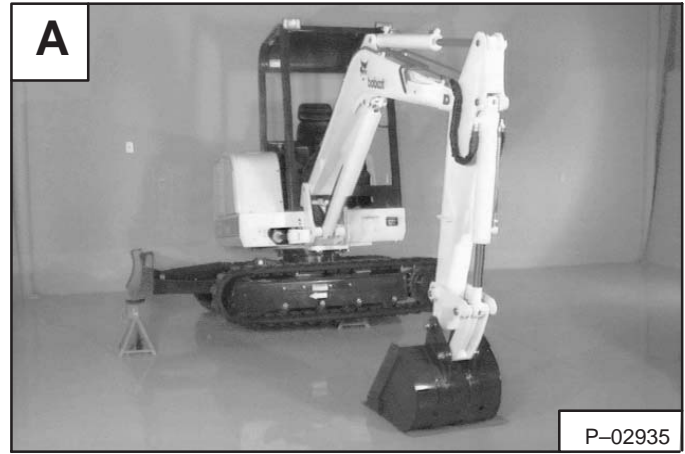
Track Tension Adjustment

NOTE: The wear of the pins and bushings on the undercarriage vary with the working conditions and the different types of soil conditions. It is necessary to inspect track tension to maintain the correct tension. See Service Schedule (Page 1–3) for the correct service interval.

Raise the machine using the boom and arm [A].

Raise the blade and install jackstands under the blade and track frame [A] & [B]. Lower the boom until all machine weight is on the jackstands.

Stop the engine.

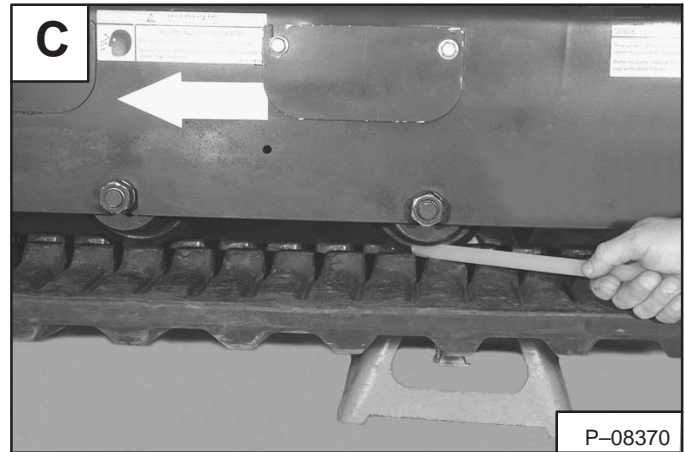


⚠ WARNING

AVOID INJURY OR DEATH

Keep fingers and hands out of pinch points when checking the track tension.

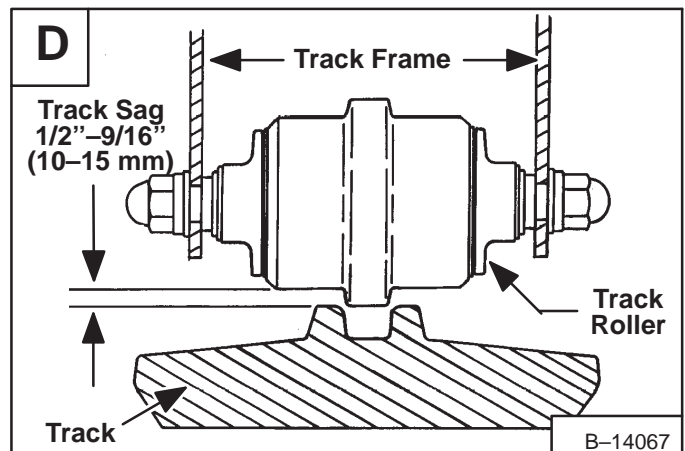
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Rubber Track Clearance

Measure the rubber track sag at either middle track roller [C]. Do Not get fingers into pinch points between the track and the track roller. Use a bolt or a dowel of the appropriate size to check the gap between the contact edge of the roller and top edge of the track guide lug [C] & [D].

Rubber Track Clearance 1/2"–9/16" (10–15 mm)

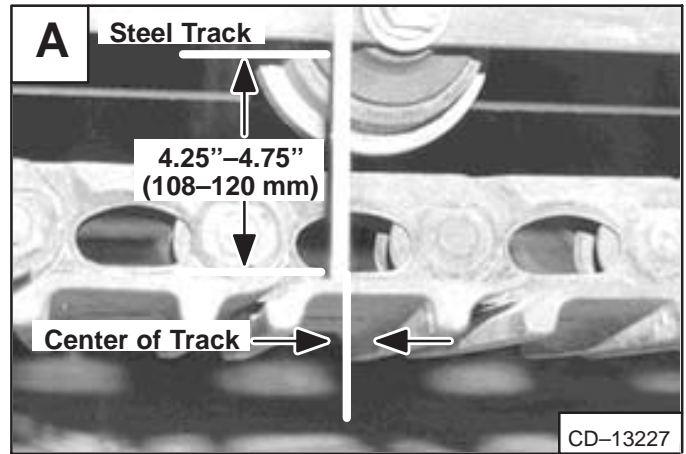


TRACK (Cont'd)

Steel Track Clearance

Measure the steel track sag at the center of the track, between the lower edge of the track frame and the top surface of the track [A].

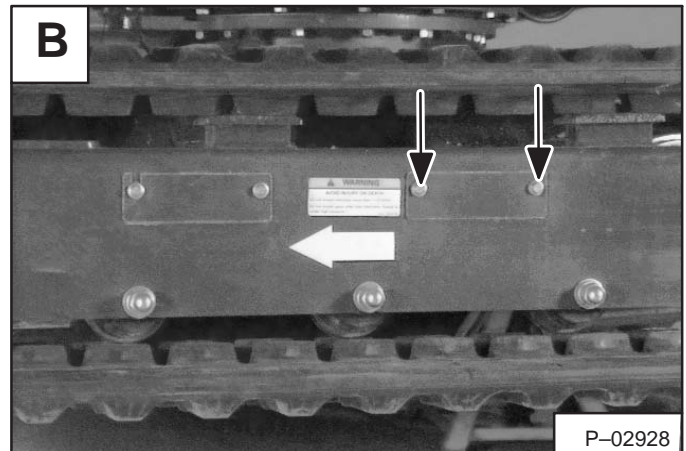
Steel Track Clearance . . . 4.25" – 4.75" (108–120 mm)



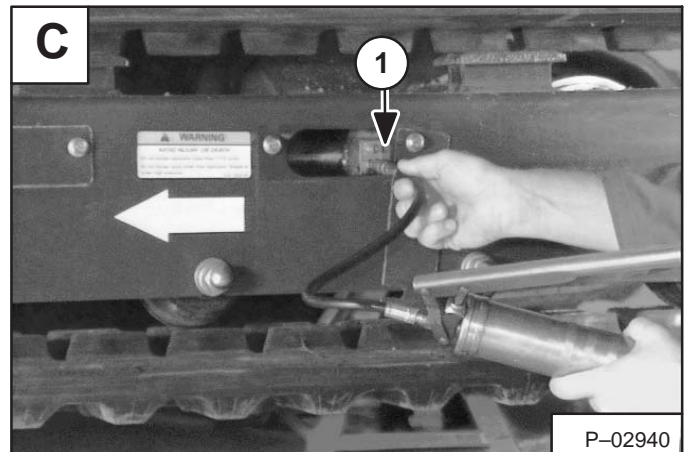
Adjustment (S/N 512912999 & Below)

To adjust the track tension do the following:

Loosen the two bolts from the cover [B]. Pivot the cover down.



Add grease to the fitting (Item 1) [C] until the track tension is correct.



Loosen the bleed fitting (Item 1) [D] to release tension from the track.

NOTE: Do not loosen the grease fitting (Item 2) [D].

Repeat the procedure for the other side.

NOTE: Left hand side track frame grease fitting and bleed fitting are shown in photo [D]. For right hand side track frame, the grease fitting (Item 2) [D] will be on the top and the bleed fitting (Item 1) [D] will be on the bottom.

