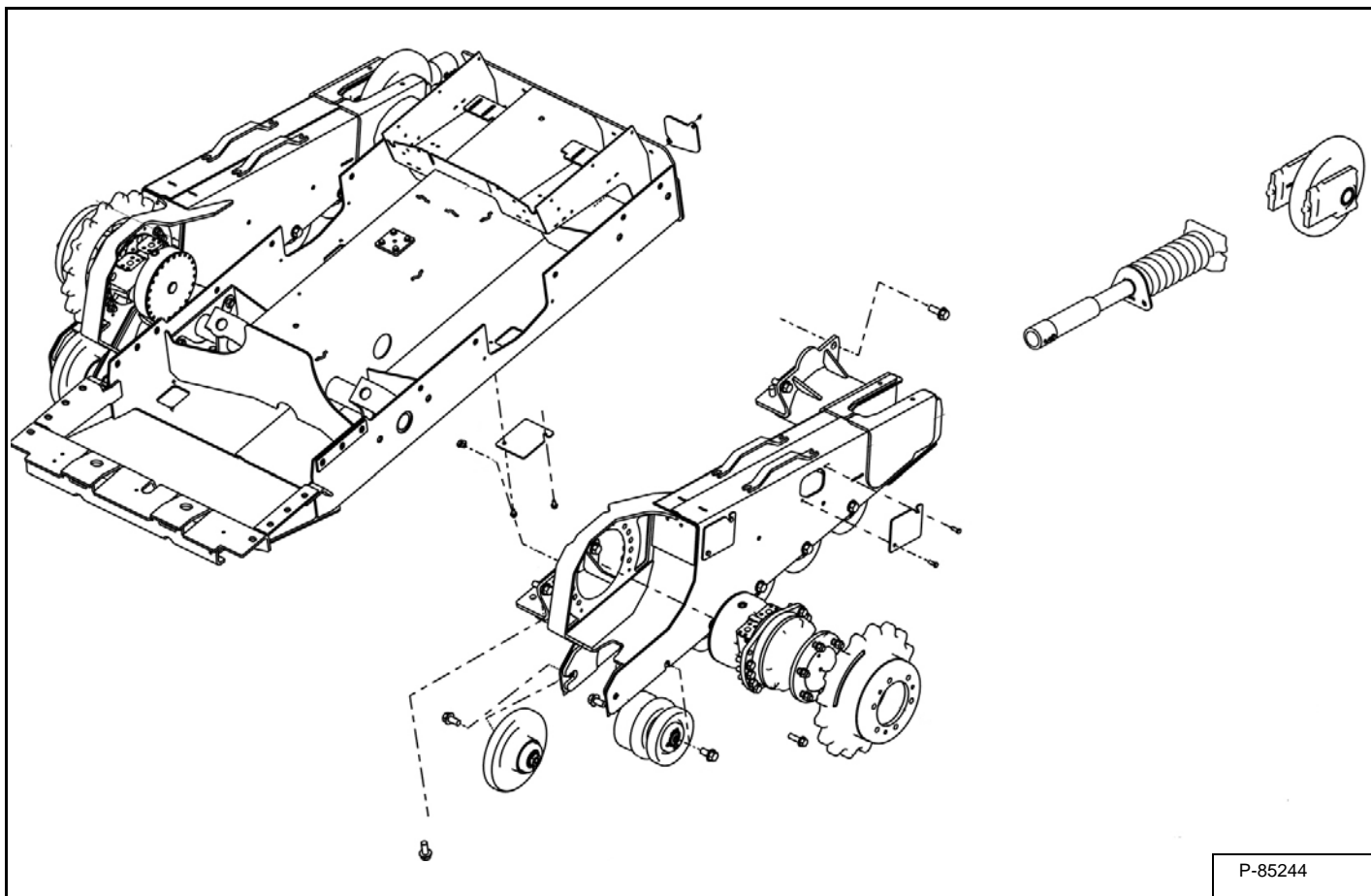


**TRACK UNDERCARRIAGE (SOLID-MOUNTED)
(RUBBER TRACK) (S/N A5GS20261 & BELOW AND
A5GT20079 & BELOW)**

Description

Figure 40-20-1



P-85244

The track carriage components consist of front and rear idlers, rollers, the track, track tensioner, the drive sprocket and the track housing [Figure 40-20-1].

**TRACK UNDERCARRIAGE (SOLID-MOUNTED)
(RUBBER TRACK) (S/N A5GS20261 & BELOW AND
A5GT20079 & BELOW) (CONT'D)**

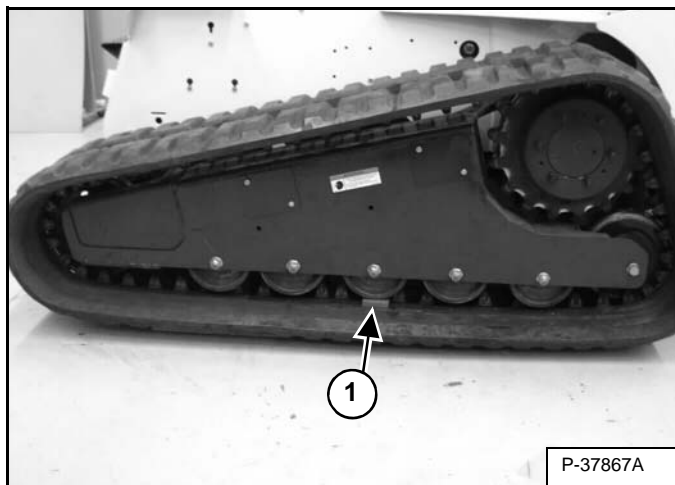
Checking Tension

Figure 40-20-2



The MEL1560 - Bleed Tool [Figure 40-20-2] is required to decrease track tension and to remove the track.

Figure 40-20-3

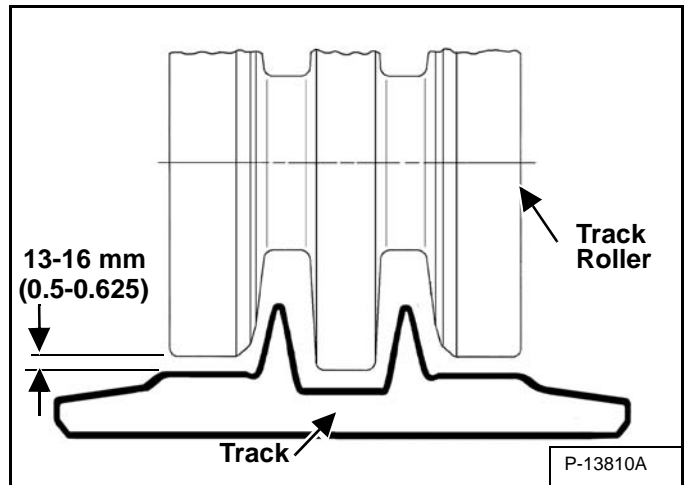


Correct track tension is important for good performance and to prevent the tracks from derailing or wearing prematurely.

NOTE: The wear of the track rollers will vary with the working conditions and different types of soil conditions.

Park the loader on a level surface.

Figure 40-20-4



Raise one side of the loader and put jackstands at the front and rear of the loader frame so that the track is about 76 mm (3 in) off the ground [Figure 40-20-3]. Lower the loader to the jackstands. Be sure the jackstands do not touch the tracks.

Measure the track sag at the middle track roller (Item 1) [Figure 40-20-3]. The correct gap is 13 - 16 mm (0.5 - 0.625 in).

DO NOT put your fingers into the pinch points between the track and the roller. Use a 13 - 16 mm (0.5 - 0.625 in) bolt, dowel or block to check the gap [Figure 40-20-4].

! WARNING

AVOID INJURY

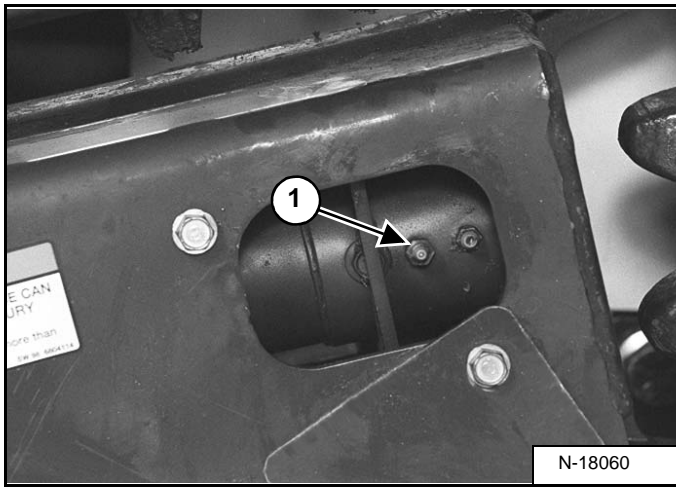
Keep fingers and hands out of pinch points when checking the track tension.

W-2142-0903

**TRACK UNDERCARRIAGE (SOLID-MOUNTED)
(RUBBER TRACK) (S/N A5GS20261 & BELOW AND
A5GT20079 & BELOW) (CONT'D)**

Adjusting Tension

Figure 40-20-5



Loosen the access cover bolts and turn the access cover down [Figure 40-20-5].

Increase Track Tension

Add grease to the grease fitting (Item 1) [Figure 40-20-5] until the track adjustment is correct [Figure 40-20-3] and [Figure 40-20-4].

NOTE: Do not remove grease fitting unless pressure is released using the bleed fitting. (See [Figure 40-20-6] on Page PM-3)

NOTE: If replacement is necessary, always replace grease fitting (Item 1) [Figure 40-20-5] with genuine Bobcat Parts. The grease fitting is a special fitting designed for high pressure.

Decrease Track Tension

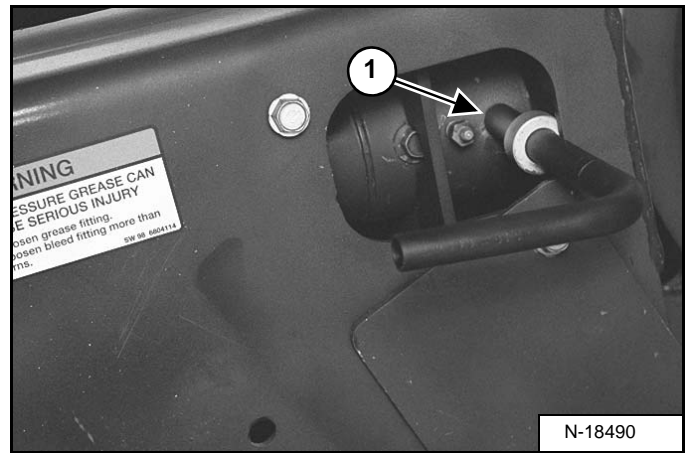


**HIGH PRESSURE GREASE CAN
CAUSE SERIOUS INJURY**

- Do not loosen grease fitting.
- Do not loosen bleed fitting more than 1 - 1/2 turns.

W-2781-0109

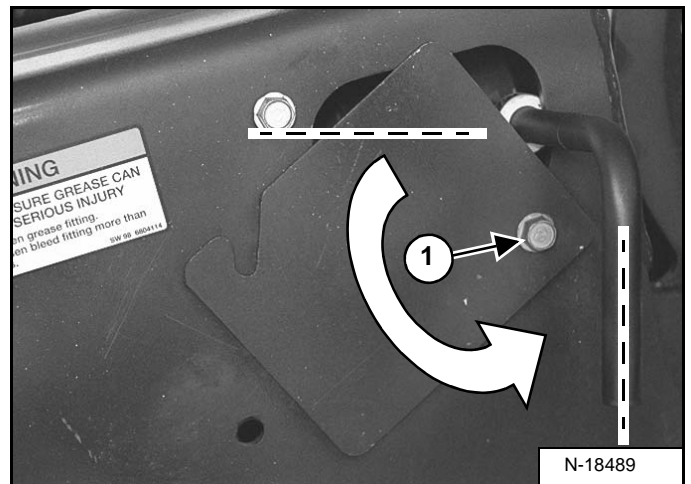
Figure 40-20-6



Pressure must be released from the spring and adjustment cylinder to decrease track tension.

Install the bleed tool (MEL-1560) on the bleed fitting (Item 1) [Figure 40-20-6], adjust and tighten the collar to fit behind the edge of the access hole and the access cover.

Figure 40-20-7



Tighten the access cover bolt (Item 1) [Figure 40-20-7] to secure the tool.

Turn the tool 90° counterclockwise and let the grease flow into a container. Release pressure [Figure 40-20-7] until the track adjustment is correct [Figure 40-20-3] and [Figure 40-20-4].

Tighten the bleed fitting. Turn the access cover up and tighten the access cover bolts.

Raise the loader. Remove the jackstands.

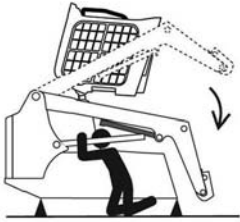
Repeat the procedure for the other track.

Dispose of grease in an environmentally safe manner.

TRACK UNDERCARRIAGE (SOLID-MOUNTED)
(RUBBER TRACK) (S/N A5GS20261 & BELOW AND
A5GT20079 & BELOW) (CONT'D)

Track Removal And Installation

! DANGER



P-90328

AVOID DEATH

- **Disconnecting or loosening any hydraulic tubeline, hose, fitting, component or a part failure can cause lift arms to drop.**
- **Keep out of this area when lift arms are raised unless supported by an approved lift arm support. Replace if damaged.**

D-1009-0409

Raise the lift arms and install an approved lift arm support device. (See Installing on Page 10-20-1.)

! WARNING

Never work on a machine with the lift arms up unless the lift arms are secured by an approved lift arm support device. Failure to use an approved lift arm support device can allow the lift arms or attachment to fall and cause injury or death.

W-2059-0598

Lift and block the loader. (See Procedure on Page 10-10-1.)

Decrease the track tension. (See Adjusting Tension on Page 40-20-3.)

NOTE: When the loader is on jack stands be sure the bottom of the track clears the floor by at least 76 mm (3 in).

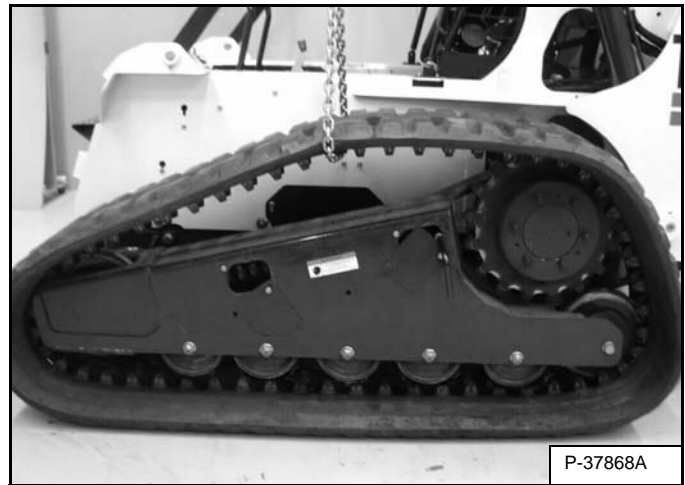
IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

Turn the MEL tool / bleed fitting one more complete turn counterclockwise.

Figure 40-20-8



P-37868A

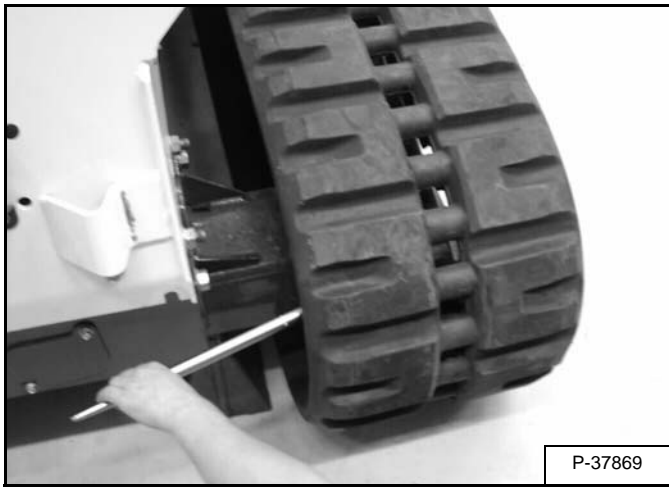
With a chain hoist, lift on the track moving the front idler assembly toward the rear of the track assembly until all track tension has been released [Figure 40-20-8].

Tighten the bleed fitting.

**TRACK UNDERCARRIAGE (SOLID-MOUNTED)
(RUBBER TRACK) (S/N A5GS20261 & BELOW AND
A5GT20079 & BELOW) (CONT'D)**

Track Removal And Installation (Cont'd)

Figure 40-20-9



With pry bars, pry the track up and over the front idler **[Figure 40-20-9]**.

Completely remove the track from the front track assembly.

Figure 40-20-10



With a chain hoist or arm hoist lift the track clear of the drive sprocket and remove the track from the loader **[Figure 40-20-10]**.

To install the rubber track:

Completely retract the front idler and track tensioner.

Put the track over the rear drive sprocket lugs.

Put the track over the rear idler.

Slide the track under the rollers.

Put the track on the front idler wheel.

Adjust the track to the proper tension. (See Checking Tension on Page 40-20-2.)

NOTE: The grease tube must be completely retracted against the coil spring assembly before adding grease, to prevent air from being trapped in the grease tube.

NOTE: Check the alignment of the grease tube (Item 1) [Figure 40-20-25] before adjusting the track.