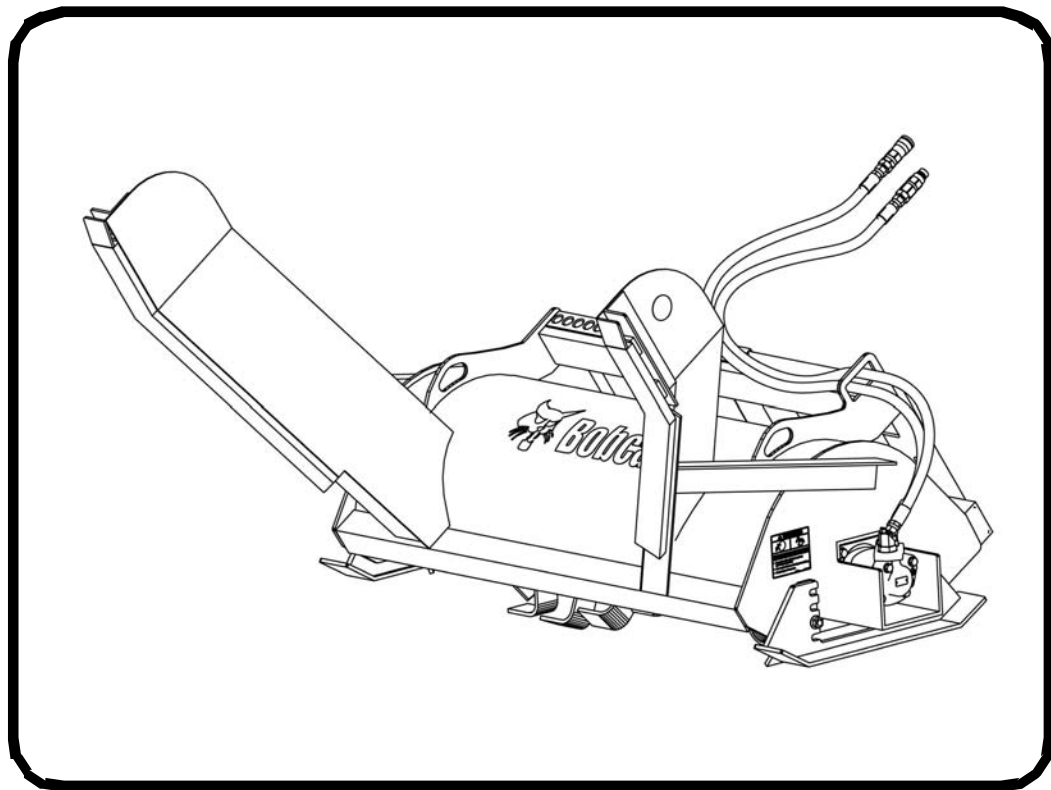




Bobcat®

Service Manual Asphalt Processor

(Asphalt Processor) S/N AYY500101 & Above



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FEATURES AND ACCESSORIES

Standard Items

The asphalt processor is equipped with the following standard items:

- Direct Drive Hydraulic Motor
- Bi-Directional Rotation
- Offset Mounting
- Hardened, Double-Edge, Replaceable Tines
- Adjustable Skid Shoes
- Adjustable Wing Skid Shoes

ATTACHMENT STORAGE AND RETURN TO SERVICE

Storage

Sometimes it may be necessary to store your Bobcat attachment for an extended period of time. Below is a list of items to perform before storage.

- Thoroughly clean the attachment.
- Lubricate the attachment.
- Inspect the Bob-Tach wedge mounts, mounting flange and all welds on the attachment for wear and damage.
- Check for loose hardware, missing guards, or damaged parts.
- Replace worn or damaged parts.
- Check for damaged or missing decals. Replace if necessary.
- Place the attachment in a dry protected shelter.
- Place the attachment flat on the ground.
- Put all controls in neutral position.

NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the machine.

Return To Service

After the Bobcat attachment has been in storage, it is necessary to follow a list of items to return the attachment to service.

- Be sure all shields and guards are in place.
- Lubricate the attachment.
- Install and operate attachment, check for correct function.
- Check for leaks. Repair as needed.

HYDRAULIC MOTOR (CONT'D)

Disassembly

IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

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IMPORTANT

Contain and dispose of any oil leakage in an environmentally safe manner.

I-2066-0395

WARNING

AVOID INJURY OR DEATH

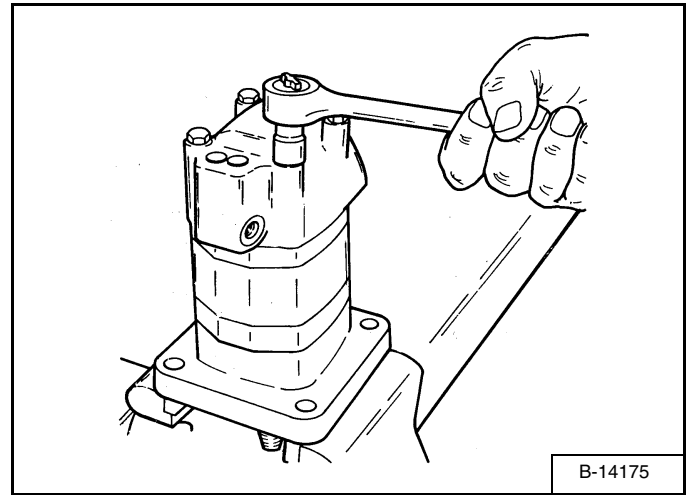
Wear safety glasses to prevent eye injury when any of the following conditions exist:

- When fluids are under pressure.
- Flying debris or loose material is present.
- Engine is running.
- Tools are being used.

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NOTE: The illustrations may not be exactly the same as the hydraulic motor you are working on, but the procedure is the same.

Figure 20-10-3



Put a mark across the sections of the motor for correct installation.

Place the motor in a vise with the output shaft down.

NOTE: Excessive clamping pressure on the housing will cause distortion. When clamping, use some protective device on the vise, such as soft jaws, pieces of hard rubber or wood.

Remove the four bolts [Figure 20-10-2].

NOTE: Although not all drawings are shown in a vise, we recommend that the motor be kept in a vise during disassembly.

NOTE: DO NOT scratch or damage the surfaces of the motor sections. Always place the sections on clean soft cloth.

SHAFT BEARING

Removal And Installation

! WARNING

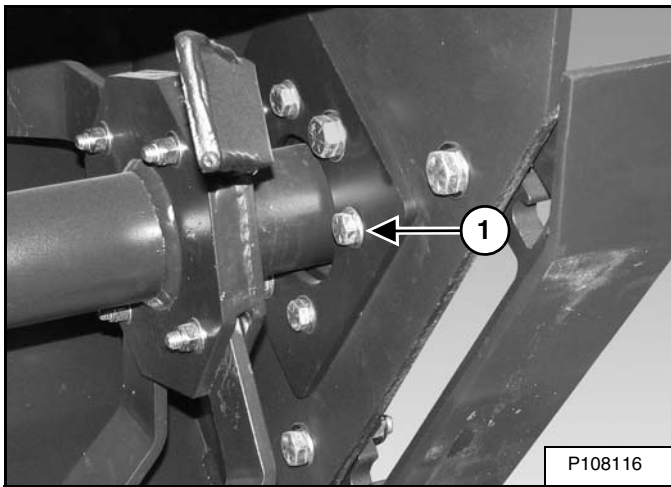
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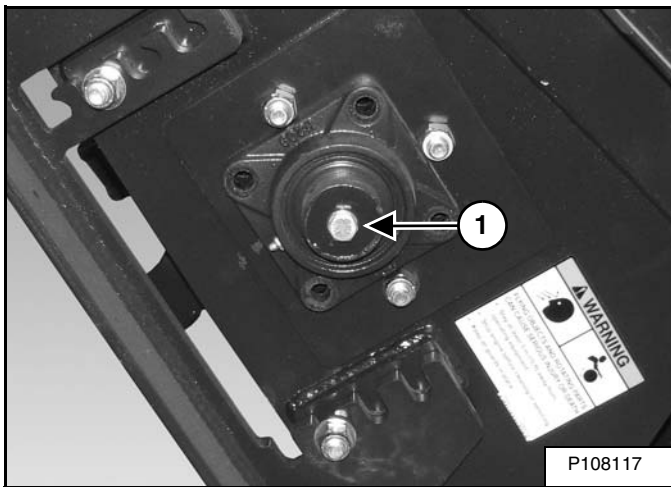
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Figure 30-10-1



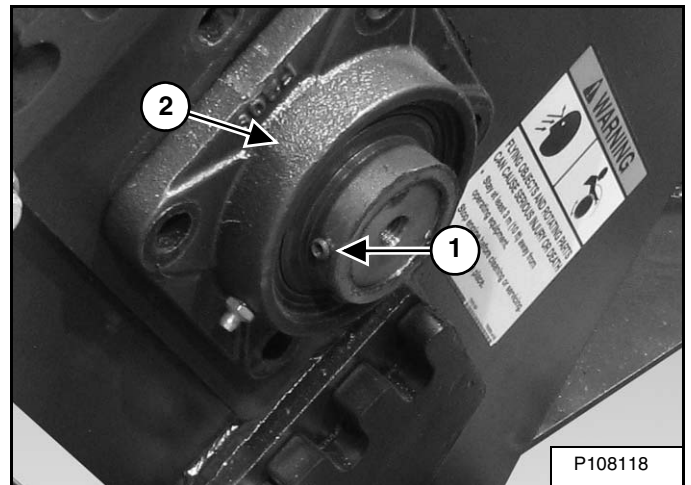
Remove the four bolts (Item 1) [Figure 30-10-1] washers and nuts.

Figure 30-10-2



Remove bolt (Item 1) [Figure 30-10-2].

Figure 30-10-3



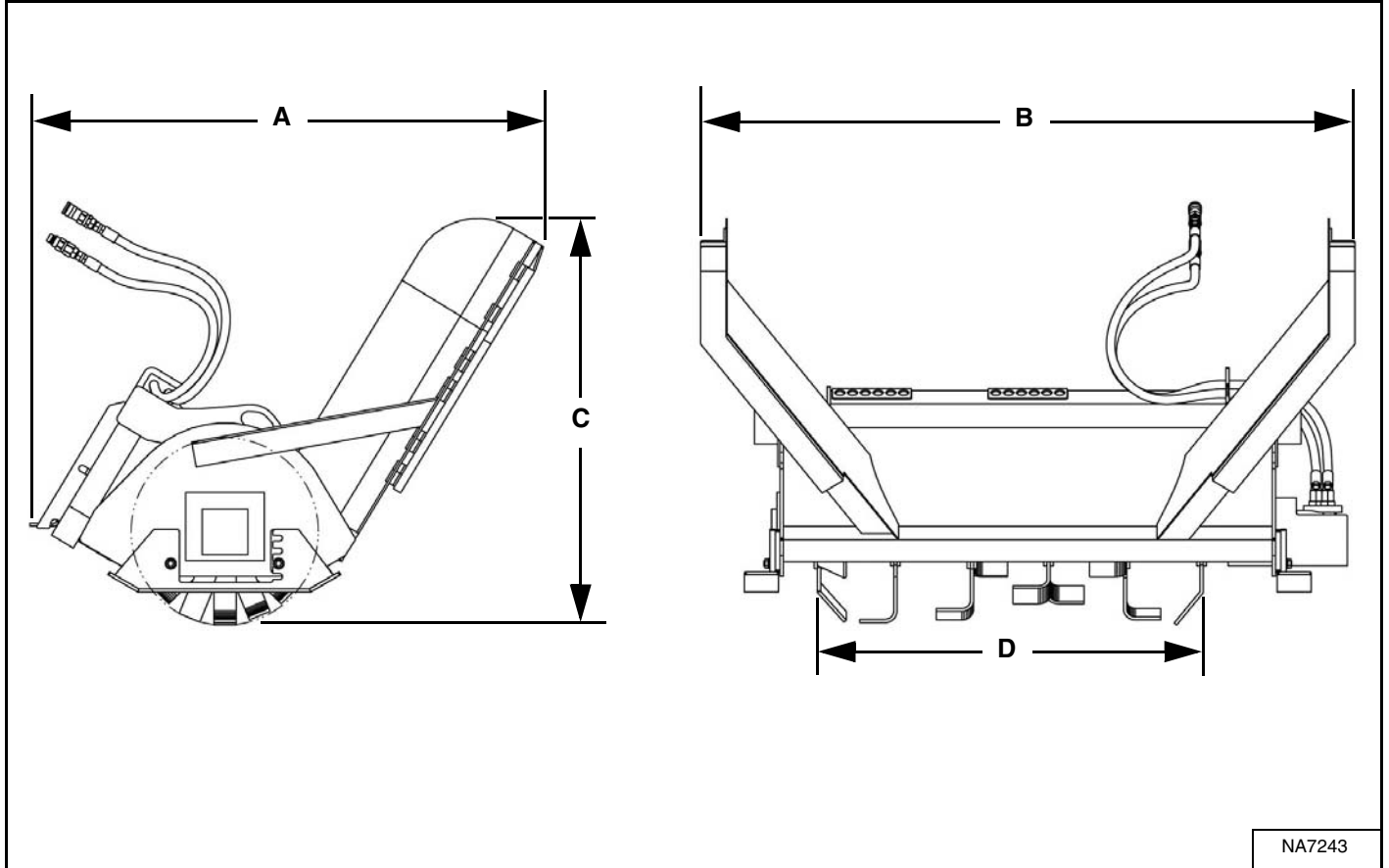
Loosen set screw(s) (Item 1) [Figure 30-10-3].

Remove shaft bearing (Item 2) [Figure 30-10-3].

(ASPHALT PROCESSOR) SPECIFICATIONS

Dimensions

- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	ASPHALT PROCESSOR
Length (A)	1534 mm (60.4 in)
Width (B)	1954 mm (76.9 in)
Height (C)	1211 mm (47.7 in)
Cutting Width (D)	1152 mm (45.4 in)

Performance

DESCRIPTION	ASPHALT PROCESSOR
Maximum Cutting Depth	114 mm (4.5 in)
Weight (Operating)	451 kg (995 lb)
Weight (Shipping)	485 kg (1070 lb)
Tine Shaft Speed @ 87 L/min (23 U.S. gpm)	130 rpm

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