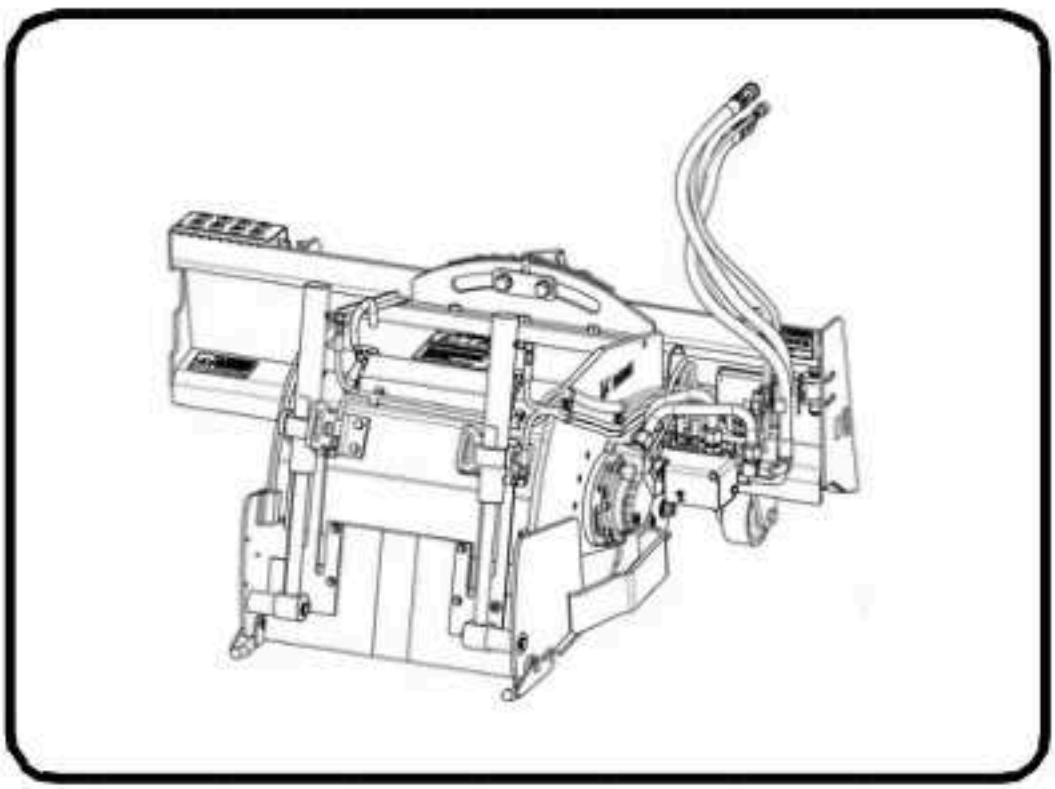
Bobcat®

Service Manual
Planer

(18PLA) S/N AKS200101 & Above
(24PLA) S/N AJN700101 & Above
(PNSFL) S/N AKS300101 & Above



6989705 (8-10)

Printed in U.S.A.

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Troubleshooting

The following troubleshooting chart is provided for assistance in locating and correcting problems which are most common. Many of the recommended procedures must be done by authorized Bobcat Service Personnel only.

⚠ WARNING

Check for correct function after adjustments, repairs or service. Failure to make correct repairs or adjustments can cause injury or death.

W-2004-1285

PROBLEM	CAUSE
External oil leaks.	1, 2, 3
Noisy motor (with load).	4
Planer will not side shift.	5
Drum motor does not rotate (with load).	5, 6
Loaded motor does not turn at normal speed.	5, 6
Drum motor does not rotate.	6, 7, 8, 9, 10, 11

KEY TO CORRECT CAUSE

1. Motor case pressure too high.
2. Case drain has blockage.
3. Damaged O-rings.
4. Bolts not torqued correctly.
5. Low hydraulic pressure.
6. Internal hydraulic leakage.
7. Front auxiliary hydraulics not engaged.
8. Large couplers are reversed.
9. Excessive hydraulic leakage.
10. No hydraulic flow.
11. No hydraulic pressure.

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HYDRAULIC CONTROL VALVE (18PLA & 24PLA)

Removal And Installation

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.

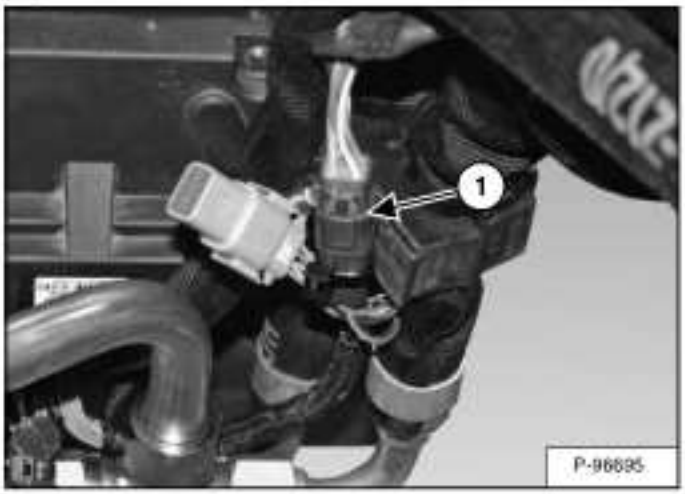
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IMPORTANT

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.

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Figure 20-31-1



Disconnect the attachment harness (Item 1) **[Figure 20-31-1]**.

WARNING

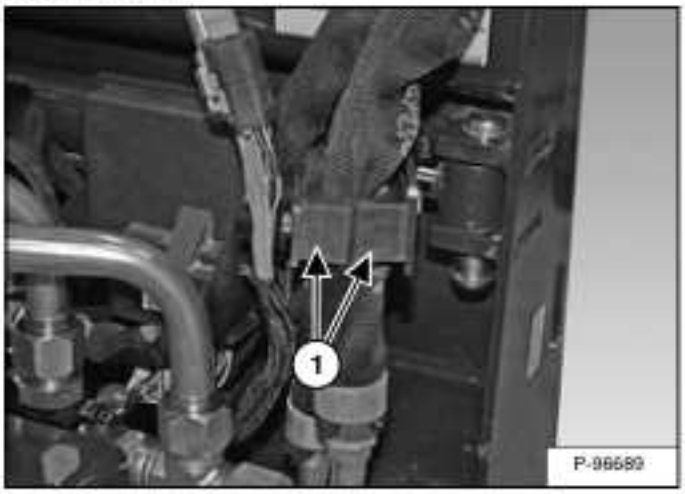
AVOID INJURY OR DEATH

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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Figure 20-31-2



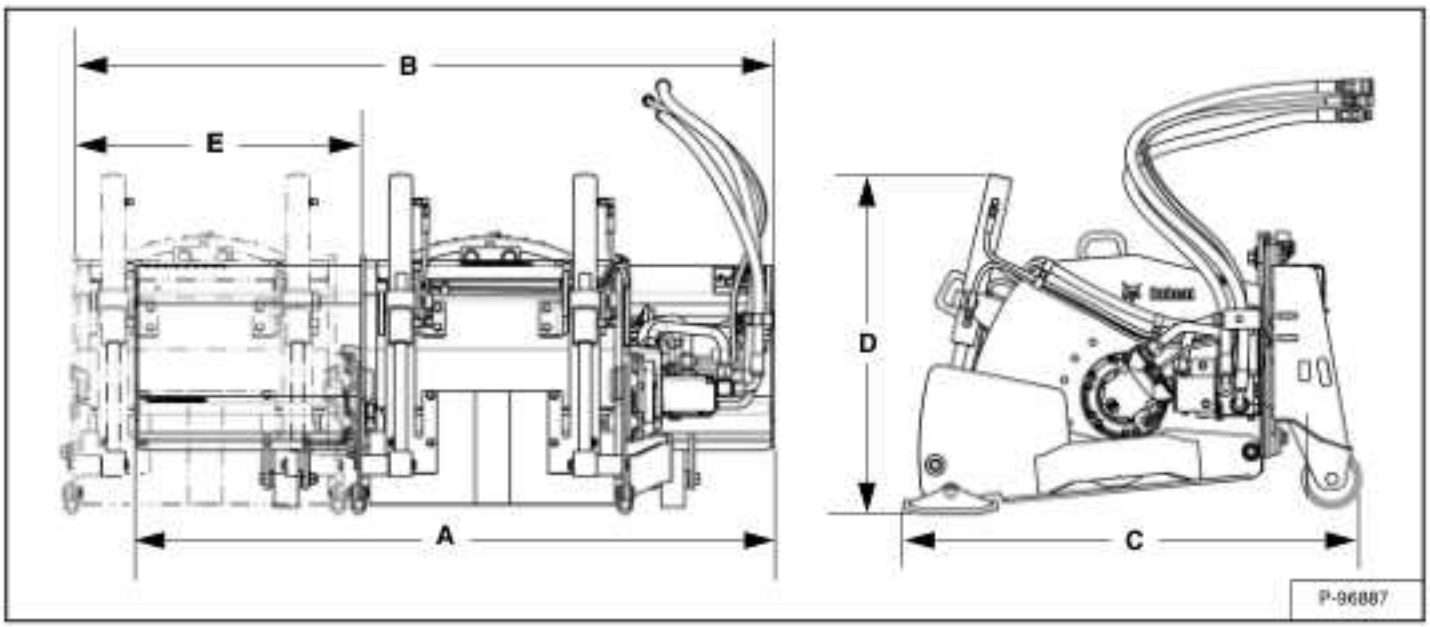
Remove hose retainers (Item 1) **[Figure 20-31-2]**.

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(18PLA & 24PLA) PLANER SPECIFICATIONS

Dimensions

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	(18PLA) PLANER	(24PLA) PLANER
Overall Width (A)	66.38 in. (1685,9 mm)	66.38 in. (1685,9 mm)
Operating Width (B)	69.67 in. (1769,7 mm)	72.68 in. (1846 mm)
Length (C)	47.50 in. (1206,4 mm)	47.50 in. (1206,4 mm)
Height (D)	35.20 in. (894 mm)	35.20 in. (894 mm)
Side Shift (E)	29.81 in. (757,2 mm)	29.81 in. (757,2 mm)

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