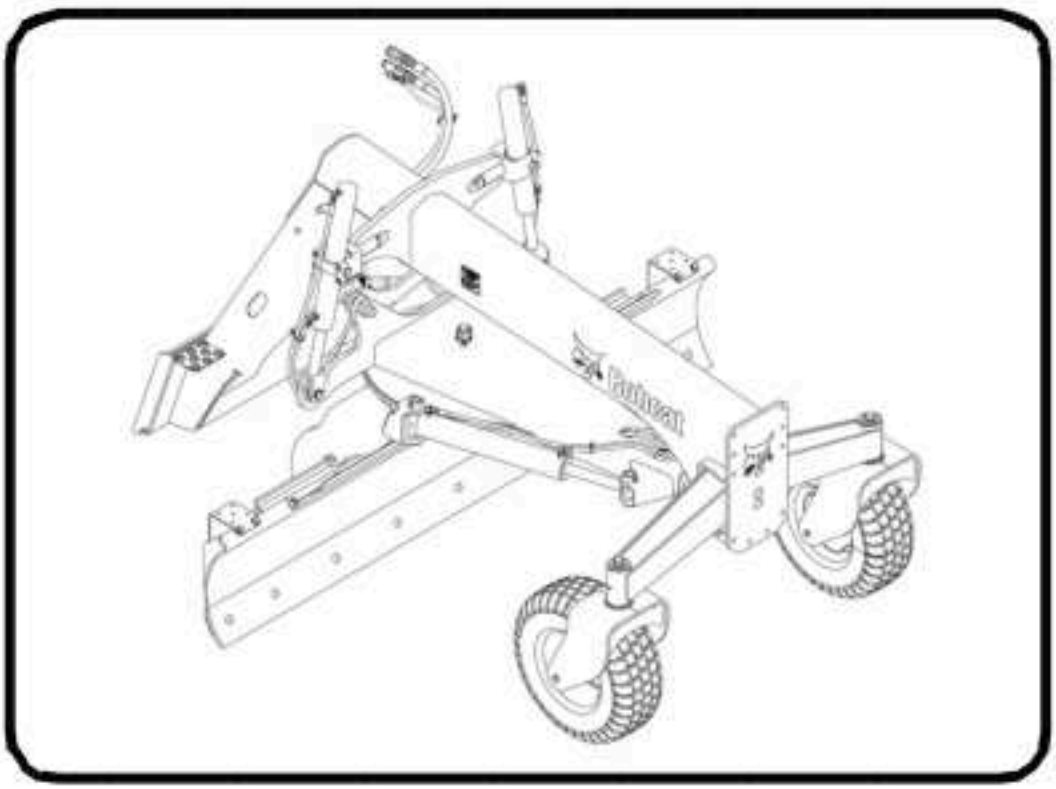
Bobcat®

Service Manual
Grader

(Grader 96) S/N ACW900101 & Above
(Grader 108) S/N AJ2E00101 & Above



6987469 (8-09)

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SAFETY AND MAINTENANCE

HYDRAULIC SYSTEM

MAIN FRAME

SPECIFICATIONS AND SCHEMATICS

REFERENCE INFORMATION

Write the correct information for YOUR grader in the spaces below. Always use these numbers when referring to your grader.

Grader Serial Number _____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
Dréve Richelle 167
B-1410 WATERLOO
Belgium

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Laser Beacon Chart

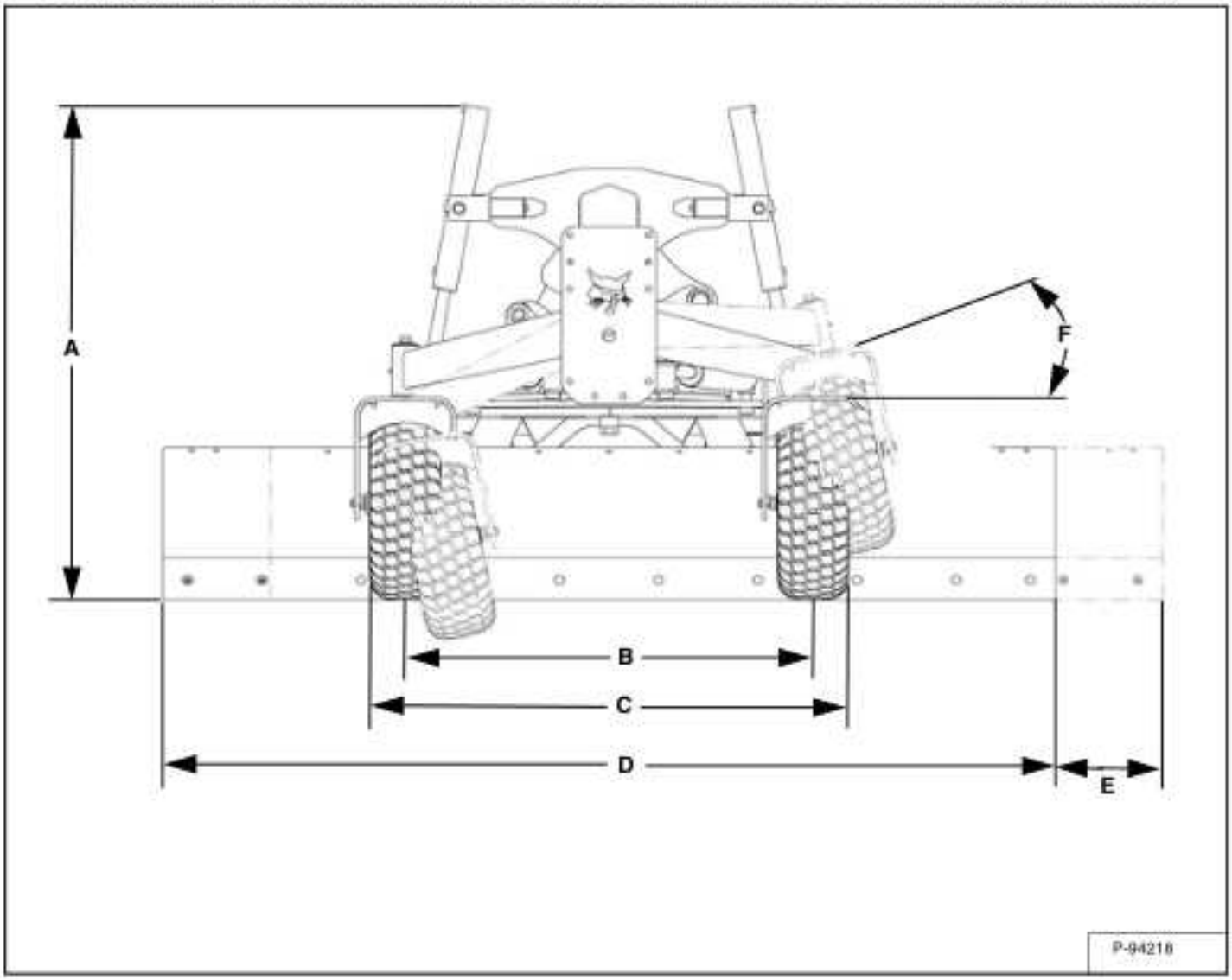
TROUBLESHOOTING THE LASER BEACON		
PROBLEM	**CAUSE**	**CORRECTION**
Laser Beacon will not operate.	No power.	Press power button.
	Batteries are bad.	Check or replace batteries.
	Laser needs servicing.	Return laser to service center for inspection.
Laser Beacon out-of-level indicator does not shut off.	Laser not mounted securely.	Make sure the laser is mounted to stable surface.
	Laser in wrong mode.	Press the mode button so that the laser is in automatic self-leveling or grade mode.
	Leveling screws not turning.	Make sure the leveling screws are free to turn.
	Laser not level.	Allow the laser to re-level.
	Laser needs servicing.	Return laser to service center for inspection.
SafeGuard LED is on.	Calibration is off.	Check and adjust laser plane calibration as necessary.
	Laser needs servicing.	Return laser to service center for inspection.
Laser Beacon plane not accurate.	Calibration is off.	Check and adjust laser plane calibration as needed.
	Laser needs servicing.	Return laser to service center for inspection.
NOTE: For other problems related to the laser products, see Trimble Operation Manual or contact your Bobcat Dealer.		
Trimble Support Machine Control - Construction Instructions Americas: 1 - 800 - 538 - 7800 (Option 3 For Support) Outside Of Americas: 1 - 303 - 323 - 4111 E-Mail: Trimble_Support@Trimble.com		

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GRADER ATTACHMENT SPECIFICATIONS (CONT'D)

Dimensions (Cont'd)

- 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	Grader 96	Grader 108
Height (A)	59.9 in. (1522 mm)	59.9 in. (1522 mm)
Wheel Base (Center) (B)	49.3 in. (1252 mm)	49.3 in. (1252 mm)
Wheel Base (Outside) (C)	57.8 in. (1468 mm)	57.8 in. (1468 mm)
Width (D)	96 in. (2438 mm)	108 in. (2743 mm)
Blade Side Shift (E)	±13 in. (± 330 mm)	±13 in. (± 330 mm)
Bolster Oscillation (F)	±12°	±12°

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