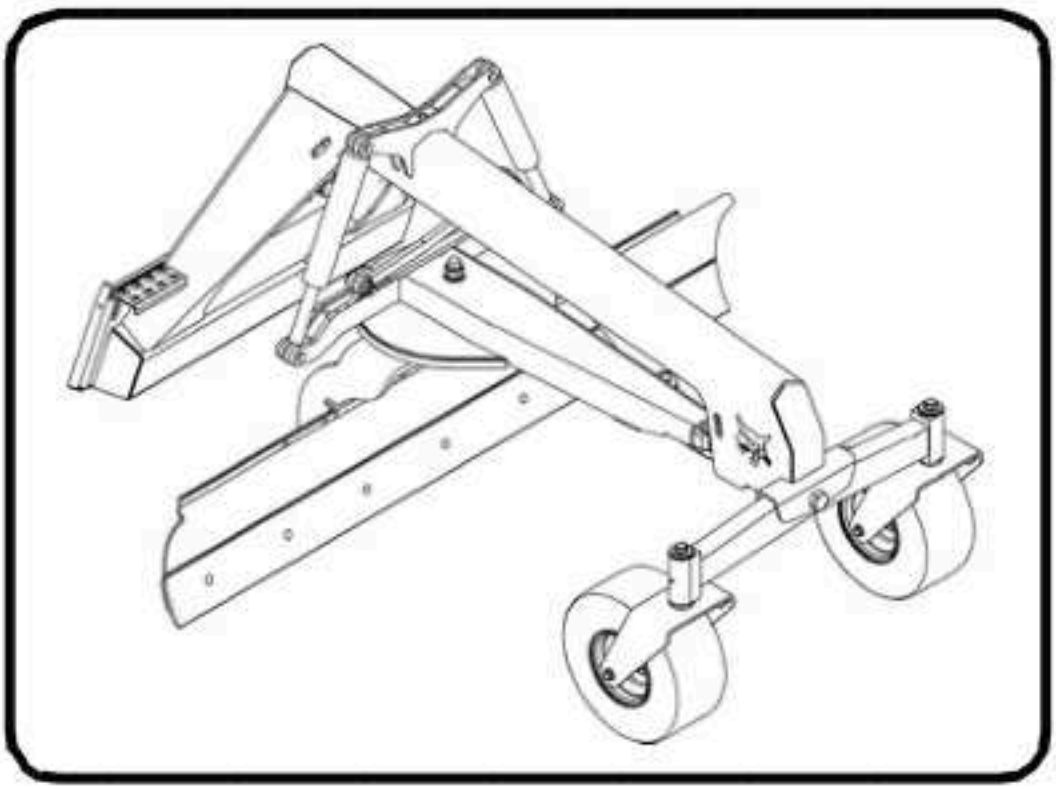
Bobcat®

Service Manual
Grader

(Grader) S/N 648000101 & Above



6901594 (6-09)

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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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GCR Receiver Chart

TROUBLESHOOTING THE GCR RECEIVER		
PROBLEM	**CAUSE**	**CORRECTION**
Unit will not turn on.	No power to the unit.	Make sure the system's Power Cable is connected to the machine's battery.
	Not enough power to the unit.	Make sure the machine has enough power (9 to 30 VDC required).
	Receiver cable loose.	Make sure the Grade Control Receiver cable is secure at both ends.
	Bad fuse.	Check the fuse.
	Receiver cable is bad.	If you have a spare, try a different Grade Control Receiver cable.
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		

BLR2 Receiver Chart

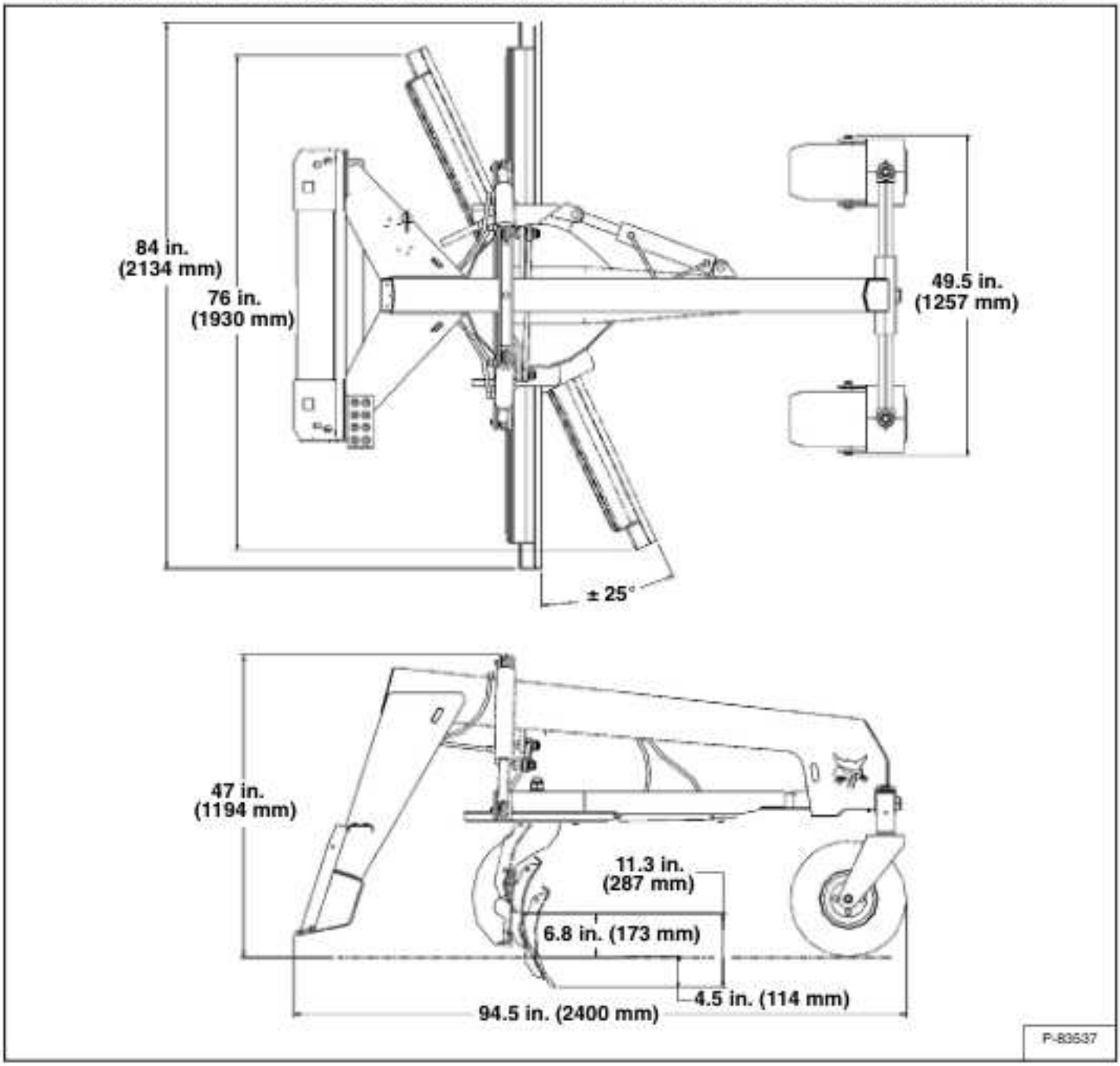
TROUBLESHOOTING THE BLR2 RECEIVER		
PROBLEM	**CAUSE**	**CORRECTION**
Unit will not turn on.	No power to the unit.	Make sure the system's Power Cable is connected to the machine's battery.
	Not enough power to the unit.	Make sure the machine has enough power (9 to 30 VDC required).
	Receiver cable loose.	Make sure the Grade Control Receiver cable is secure at both ends.
	Bad fuse.	Check the fuse.
	Receiver cable is bad.	If you have a spare, try a different Grade Control Receiver cable.
Erratic display of arrows.	Receivers are not properly initialized.	Shut off carrier and restart.
	ACD harness damaged.	Replace the harness.
	Receiver harness damaged or not properly installed.	Check connections or replace harness as required.
NOTE: For other problems related to the laser products, see Operation Manual or contact your Bobcat Dealer.		

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GRADER ATTACHMENT 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.

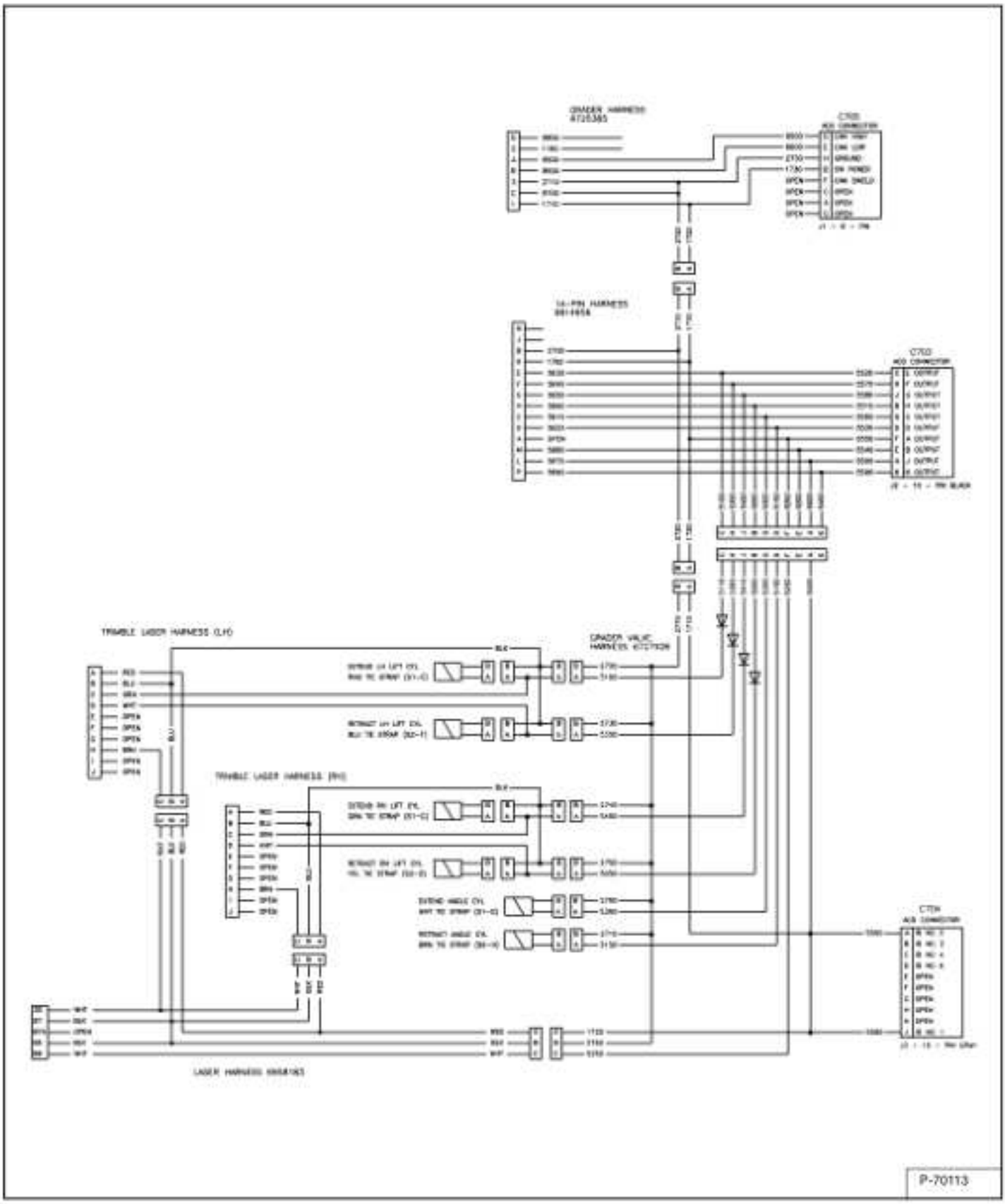


Maximum Hydraulic Operating Pressure	3500 PSI (241,31 bar)
Hydraulic Cylinder (3)	2.50 in. (63,5 mm) bore x 1.50 in. (38 mm) shaft x 11.26 in. (286 mm) stroke
Operating Weight	1375 lb. (624 kg)

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ELECTRICAL SCHEMATIC - 7-PIN CONNECTOR WITH 14-PIN ADAPTER HARNESS

Grader Model S/N 648001630 & Below



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