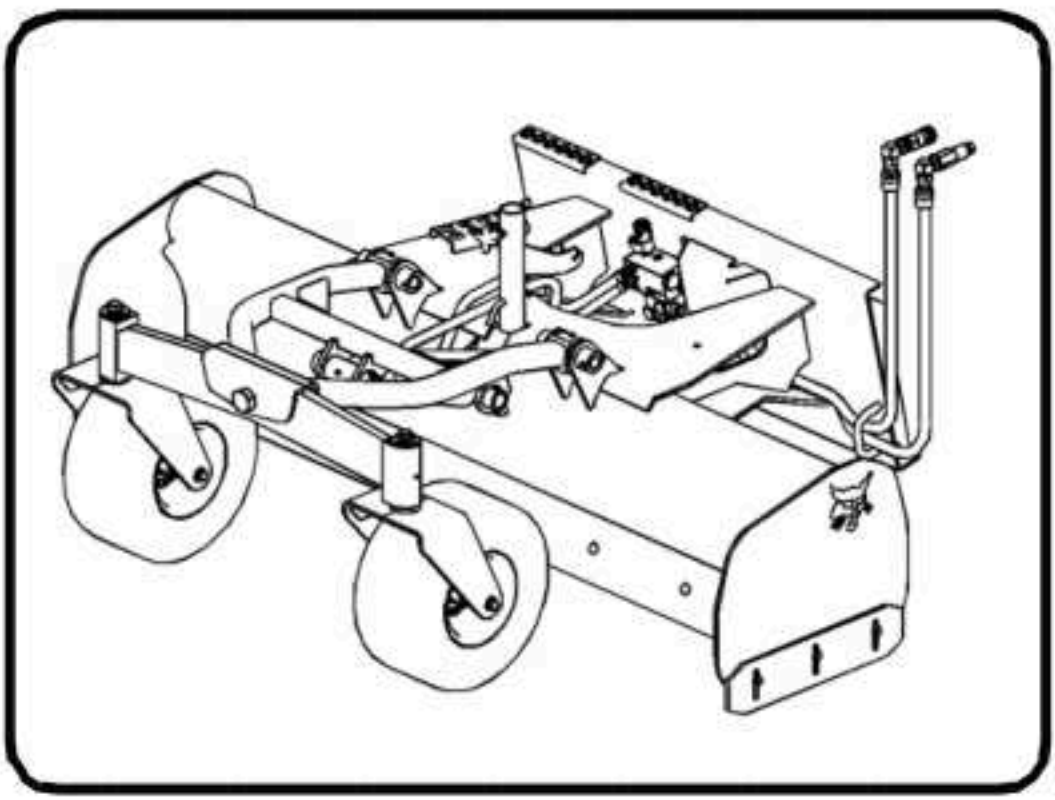
Bobcat®

Service Manual
Box Blade

Box Blade S/N 657400101 & Above
Box Blade Laser S/N 657500101 & Above



6901436 (6-09)

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REFERENCE INFORMATION

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

Box Blade 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 V DC 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 V DC 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 Trimble Operation Manual or contact your Bobcat Dealer.		

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BOX BLADE ATTACHMENT SPECIFICATIONS (CONT'D)

Laser Beacon

See your Laser Beacon owners manual for specifications.

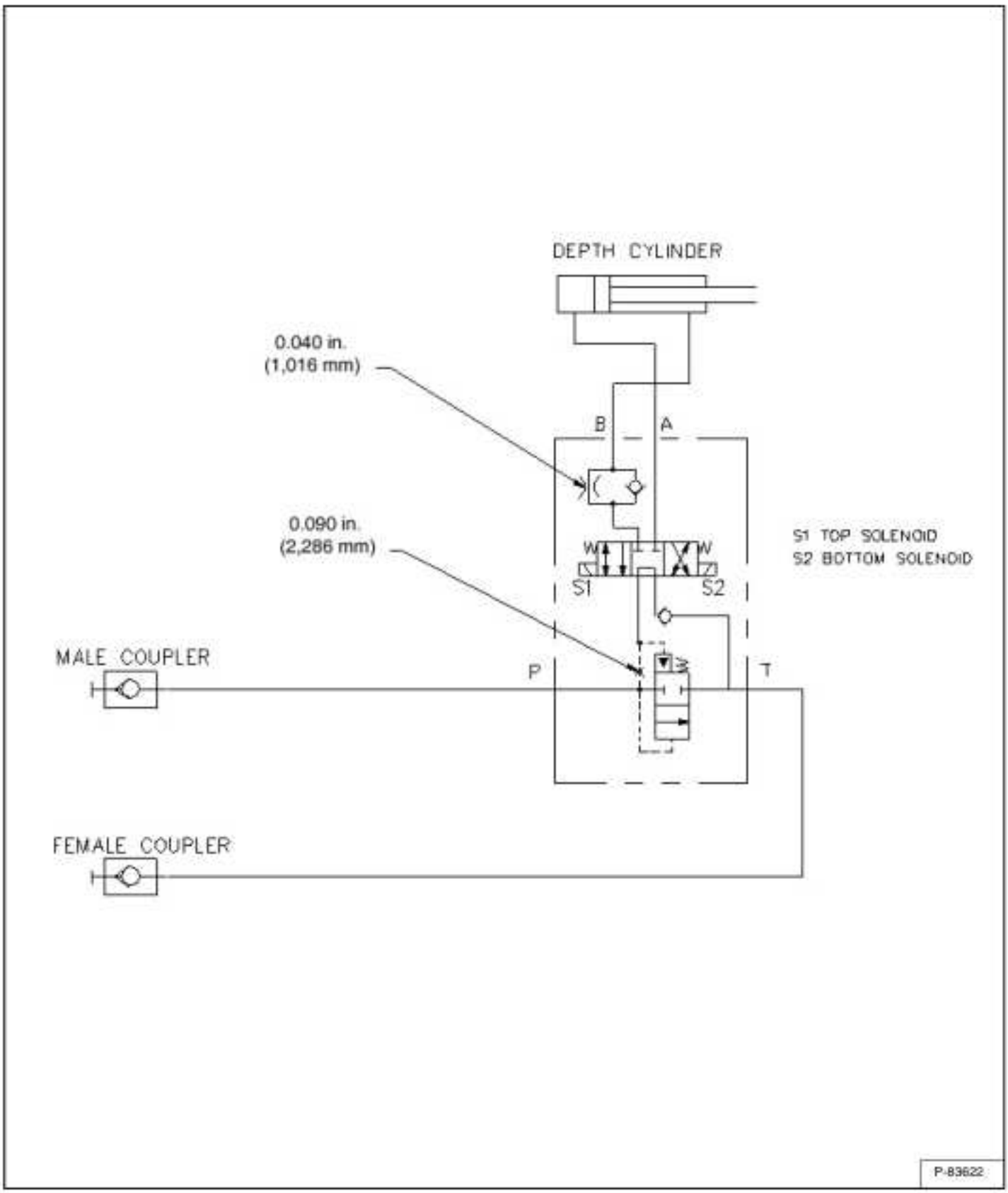
Laser Detector

Capture Height	1 7/8 in. (48 mm)
Acceptance Angle	±45°
LCD Readout	Front and back
On Grade Sensitivity	Ultra-Fine: 0.0 in. (0,0 mm) Fine: 1/16 in. (2 mm) Medium: 1/8 in. (4 mm) Coarse: 1/4 in. (6,4 mm)
Power Source	Two 1.5-V batteries (type LR6/AA)
Battery Life @ 68° F (20°C)	Alkaline: >74 hour Ni-Cd: >48 hour
Battery Indicator	LCD battery symbol
Automatic Shutoff	30 minutes after last laser detection or push button actuation
Spectral Sensitivity	Operates with red visible and infrared lasers rotating between 300 and 600 rpm
Marking Notch	2 in. (50 mm) below top of receiver
Volume Control	High/Low/Off
LCD Backlighting	Two-button actuation
Operating Temperature	-4° - +122° F (-20° - + 50° C)
Storage Temperature	-40° - +158° F (-40° - +70° C)
Weight	9 1/2 oz. (0,27 kg)
Dimensions (T x W x L)	1 x 2 7/8 x 6 3/8 in. (2,6 x 7,4 x 16,3 cm)

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HYDRAULIC SCHEMATIC

Box Blade S/N 657400101 & Above, S/N 657500101 & Above



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