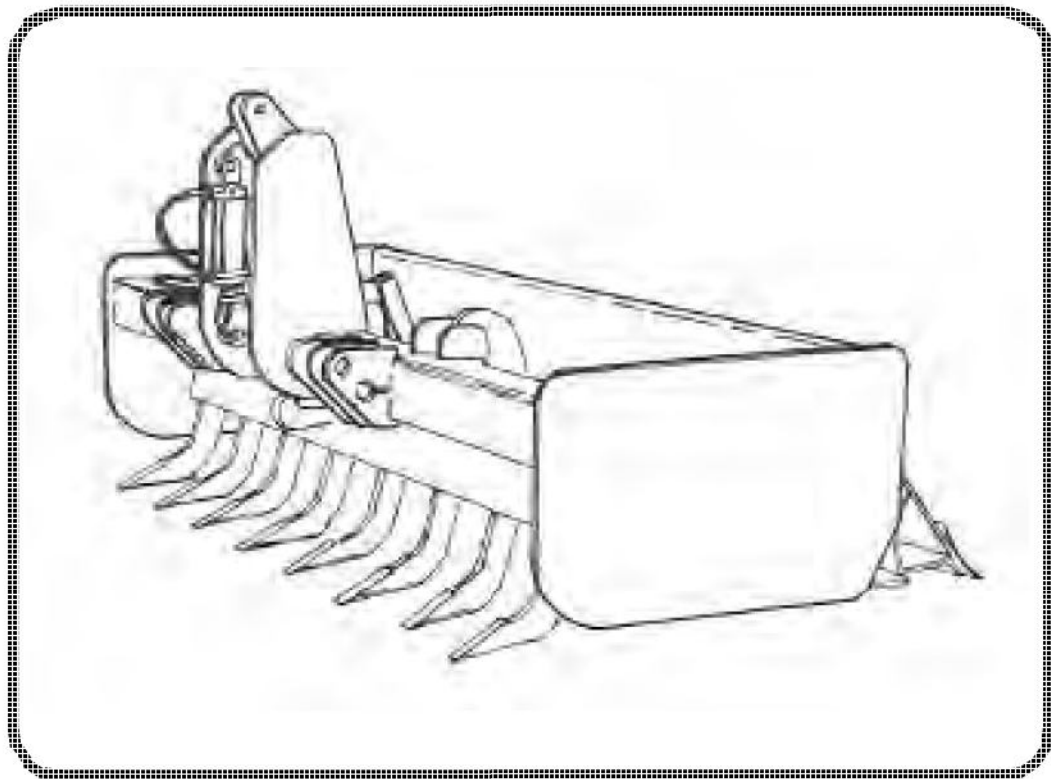




Bobcat®

Service Manual Heavy Duty Box Blade

(BLADE 3HDBB72) - S/N AF4N00101 & Above
(BLADE 3HDBB84) - S/N AF4P00101 & Above



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**PREVENTIVE
MAINTENANCE**

**HYDRAULIC
SYSTEM**

**MAIN
FRAME**

**SPECIFICATIONS
AND
SCHEMATICS**

REFERENCE INFORMATION

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

Heavy Duty Box Blade Serial Number _____

NOTES:

YOUR BOBCAT® DEALER:

ADDRESS:

PHONE:

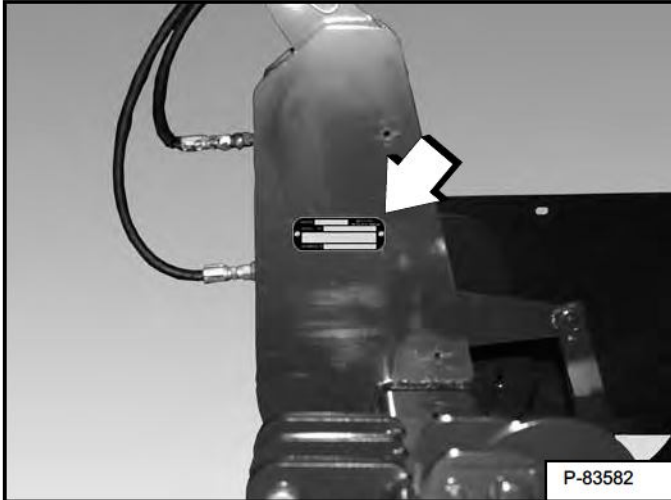
Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
Drève Richelle 167
B-1410 WATERLOO
Belgium

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SERIAL NUMBER LOCATION

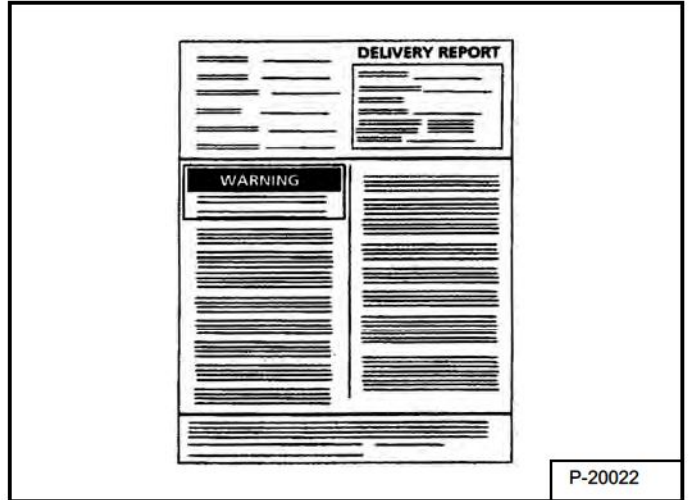
Figure 1



Always use the serial number of the heavy duty box blade when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 1].

DELIVERY REPORT

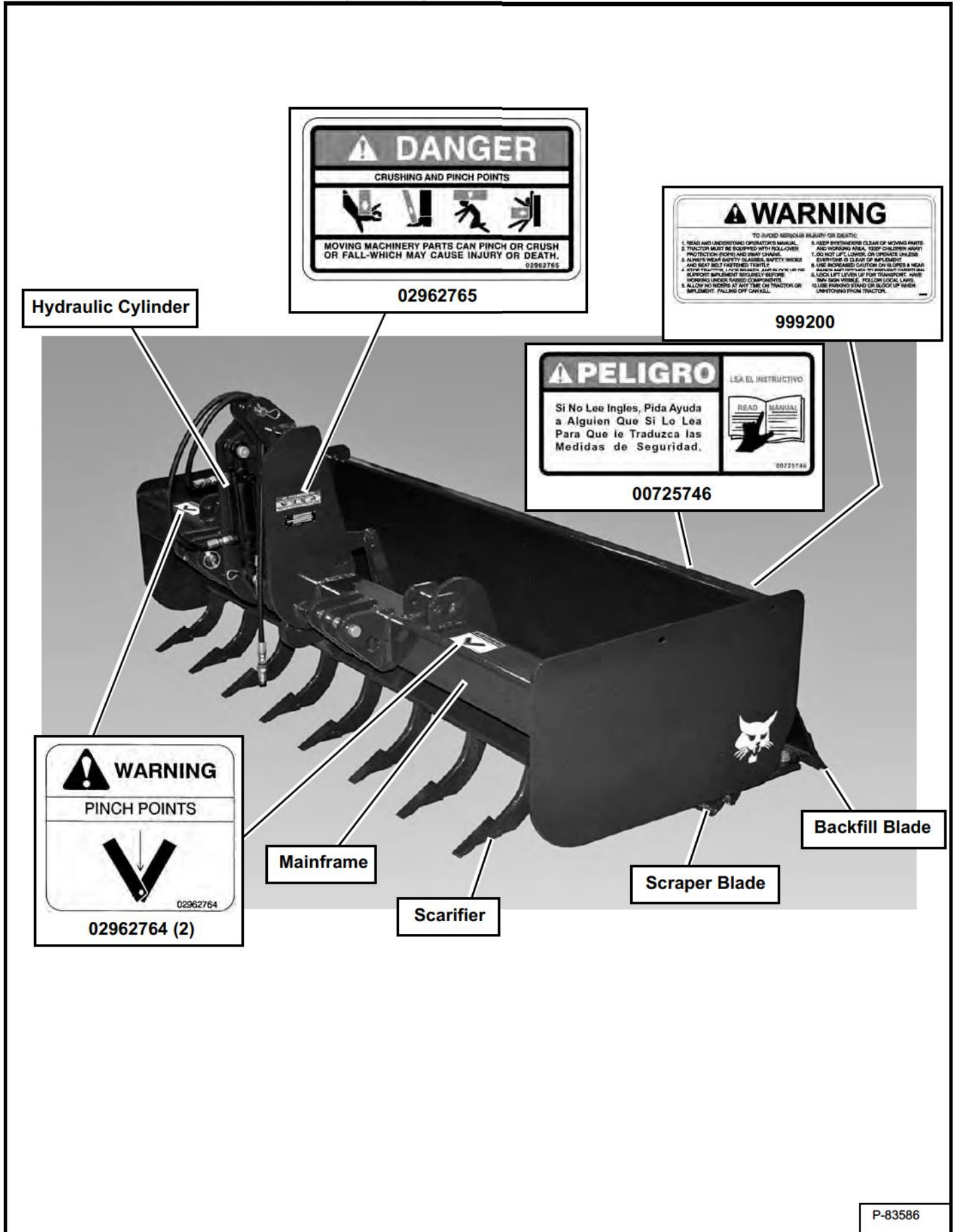
Figure 2



The delivery report must be filled out by the dealer and signed by the owner or operator when the heavy duty box blade is delivered. An explanation of the form must be given to the owner. Make sure it is filled out completely [Figure 2].

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IDENTIFICATION AND MACHINE SIGNS (DECALS)



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PREVENTIVE MAINTENANCE

PREVENTIVE MAINTENANCE

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TROUBLESHOOTING

Chart

HEAVY DUTY BOX BLADE TROUBLESHOOTING GUIDE		
PROBLEM	CAUSE	CORRECTION
Bent moldboard	Damaged by hitting hidden objects	Slow speed down if soil conditions are unknown
Cutting blade does not penetrate soil	Cutting edge is dull	Replace cutting edge
	Blade angle is too straight	Adjust top link
	Soil is too hard	Use scarifier shanks to relax soil
A-Frame is bent	Impacting objects during backfill	Slow speed down if soil conditions are unknown
Moldboard is digging too deep	Blade angle too steep	Adjust top link
Unable to level ground adequately	Tractor Draft Control set incorrectly	Adjust Tractor Draft Control
Hydraulic cylinder does not function	Auxiliary hydraulic couplers not completely connected	Connect auxiliary couplers
Auxiliary hydraulic hose fitting leak	Connections are not tight	Tighten connections
	Connections are cracked from over-tightening	Replace cracked connections
	Mismatched connection threads or types	Determine that auxiliary connectors are correct

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