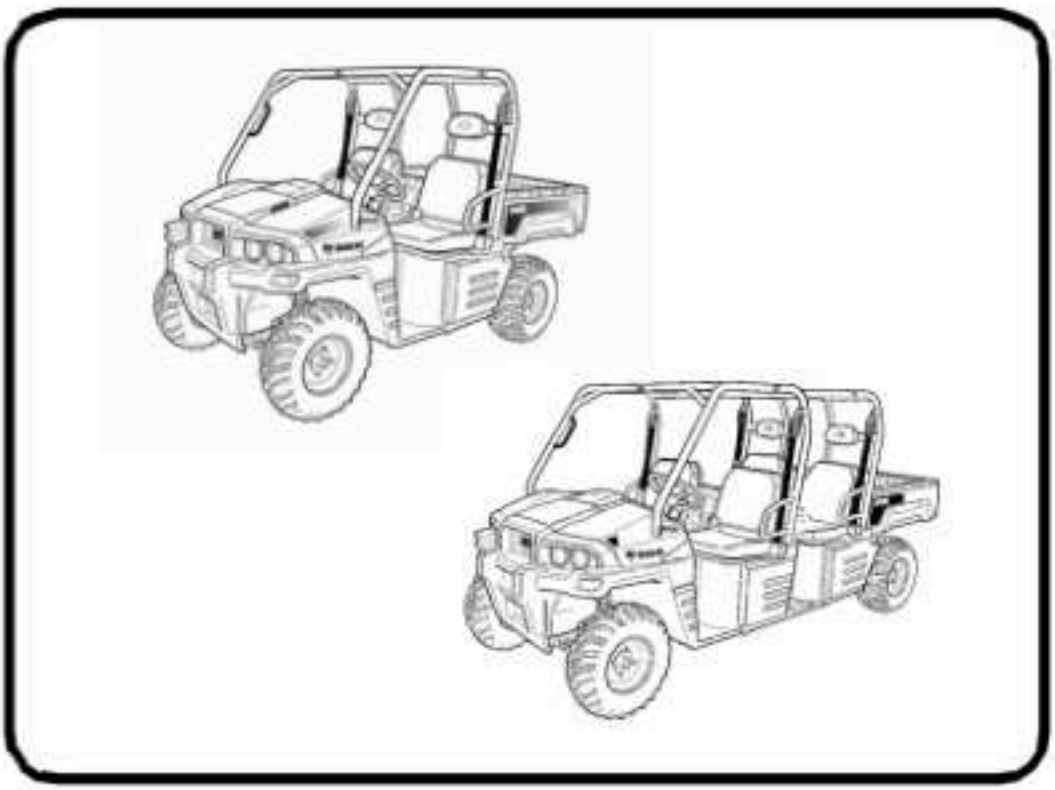
Bobcat®

Operation & Maintenance Manual
3400, 3400XL Utility Vehicle

S/N AJNT11001 & Above
S/N AJNV11001 & Above



6989601 (11-10) Revised (2-11) (4)

Printed in U.S.A.

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CONTENTS

FOREWORD 5

SAFETY & TRAINING RESOURCES 13

OPERATING INSTRUCTIONS 23

PREVENTIVE MAINTENANCE 57

SYSTEM SETUP & ANALYSIS 111

UTILITY VEHICLE SIGN TRANSLATIONS 115

SPECIFICATIONS 123

WARRANTY 131

ALPHABETICAL INDEX 135

REFERENCE INFORMATION

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

Utility Vehicle Serial Number _____

Engine Serial Number _____

_____

NOTES:

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat utility vehicle. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT UTILITY VEHICLE. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat utility vehicle.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

REGULAR MAINTENANCE ITEMS 7

SERIAL NUMBER LOCATIONS 8
- Utility Vehicle Serial Number 8
- Engine Serial Number 8

DELIVERY REPORT 8

EMISSION CONTROL SYSTEMS 9
- Noise Emission Control System 9
- Operating On Public Lands In The U.S.A. 9
- Crankcase Emission Control System 9
- Exhaust Emission Control System 9
- Electromagnetic Interference 9

UTILITY VEHICLE IDENTIFICATION (3400) 10

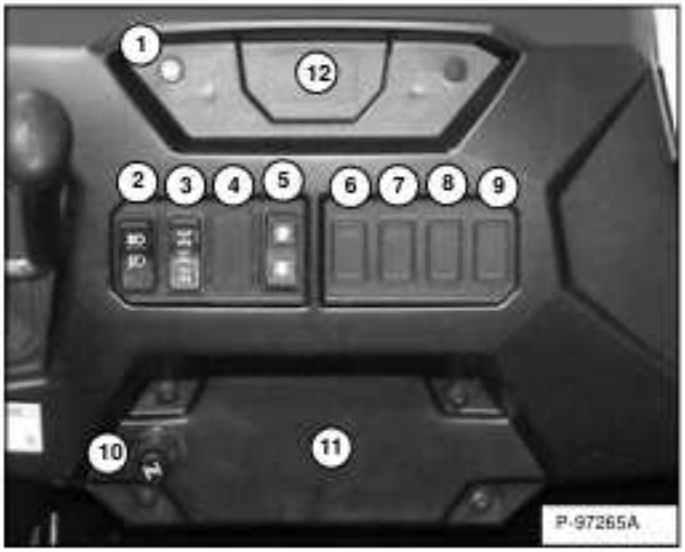
UTILITY VEHICLE IDENTIFICATION (3400XL) 11

FEATURES, ACCESSORIES AND ATTACHMENTS 12
- Standard Items 12
- Options And Accessories 12
- Attachments 12

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Control Panel

Figure 9

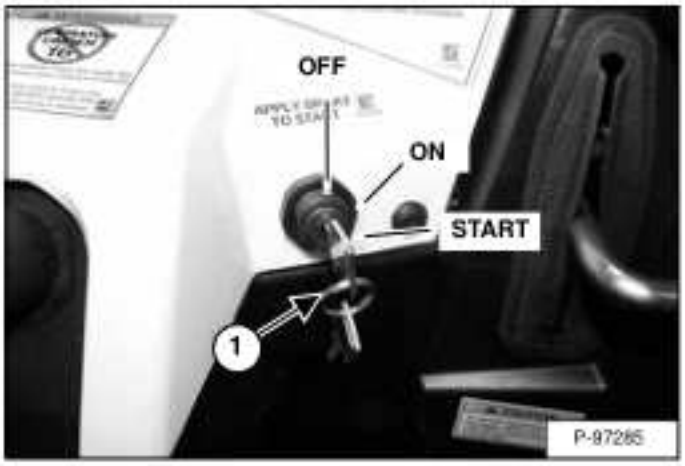


NOTE: Switch locations may vary from what is shown depending on options and accessories installed on your vehicle.

REF	DESCRIPTION	FUNCTION / OPERATION
1	Check Engine Light	Light ON when a service diagnostic code is activated. See your Bobcat dealer for repairs. (See Check Engine Light on Page 113.)
2	Light Switch	Bottom Position - Headlights and tail lights are OFF. Center Position - Low beam lights and tail lights ON - amber low beam light in the switch will illuminate. Top Position - High beam lights and tail lights ON - amber high beam light in the switch will illuminate. (Key switch must be in the ON position for the lights operate.)
3	Drive Mode Switch	Bottom position - Turf Mode (with unlocked rear differential) Center position - Two Wheel Drive (2WD - With locked rear differential) Top position - Four Wheel Drive (4x4.) (See Drive Mode Switch on Page 54.)
4	-	Available for accessories.
5	Raising And Lowering The Cargo Box - With Power Lift Assist Switch (Optional)	Press the top of the switch to raise the cargo box. Press the bottom of the switch to lower the cargo box. (See Raising And Lowering The Cargo Box (With Power Lift Assist) on Page 52.)
6	-	Available for accessories.
7	-	Available for accessories.
8	-	Available for accessories.
9	-	Available for accessories.
10	Power Port	Provides a 12 volt receptacle for accessories. (The power port has spade connectors on the back of the receptacle that may be used for powering optional accessories.)
11	Radio (Optional)	(See Radio (Optional) on Page 31.)
12	Speedometer (Optional)	(See SPEEDOMETER (OPTIONAL) on Page 41.)

Key - Start / Stop

Figure 10



Key (Item 1) **[Figure 10]**. (See STARTING THE ENGINE on Page 40.)

OFF	The engine is OFF. Electrical circuits are off except for the power plug.
ON	Electrical circuits are on. Electrical accessories can be used.
START	Turn the key to the start position to engage the starter. Key returns to the ON position when released.

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Removing And Replacing Oil And Filter (Cont'd)

Figure 94

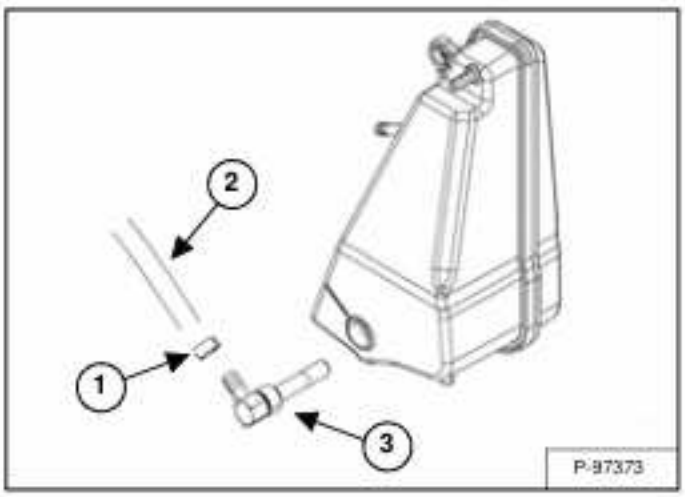


Remove the oil filter (Item 1) **[Figure 94]** and clean the filter housing surface.

Use a genuine Bobcat filter only.

Put clean oil on the new filter gasket, install the filter and hand tighten.

Figure 95



Mark the orientation on the fitting / screen (Item 3) **[Figure 95]** before removing.

Remove the clamp (Item 1) and the lower hose (Item 2) **[Figure 95]**.

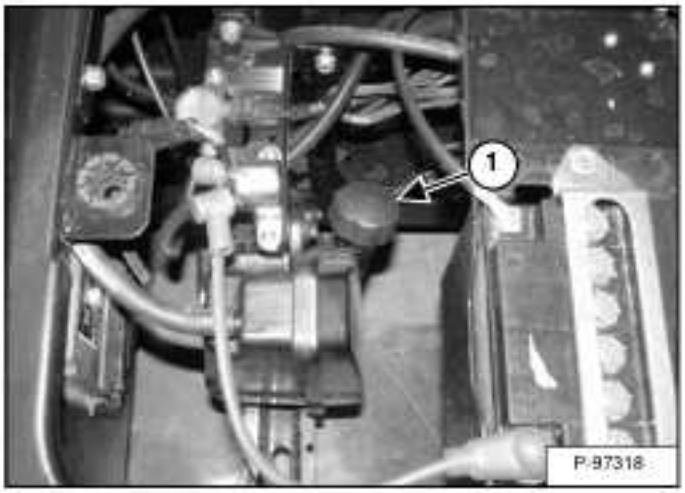
Remove the fitting / screen (Item 3) **[Figure 95]** from the oil tank. Clean the screen.

Install thread sealant to the fitting threads and reinstall the fitting. Tighten the fitting / screen until it is orientated as previously marked. (The maximum torque on the fitting is 34 N•m (25 ft-lb). Do not over tighten.)

Reinstall the hose (Item 2) and clamp (Item 1) **[Figure 95]**.

NOTE: Any time the lower hose is removed, the Oil Pump Priming Procedure must be performed. (See Oil Pump Priming Procedure on Page 83.)

Figure 96



Remove the fill cap / dipstick (Item 1) **[Figure 96]**.

Put the correct quantity of oil in the engine (See Fluid And Capacities on Page 128.) Reinstall the fill cap.

Put the gear selector lever in neutral, engage the parking brake and start the engine. Let it run for several minutes. Stop the engine and check for leaks at the filter.

Remove the cap / dipstick (Item 1) **[Figure 96]** and check the oil level. (See Checking And Adding Engine Oil on Page 81.)

Add oil as needed if it is not at the top mark on the dipstick.

Install the cap / dipstick.

⚠ WARNING

AVOID INJURY OR DEATH

Always clean up spilled fuel or oil. Keep heat, flames, sparks or lighted tobacco away from fuel and oil. Failure to use care around combustibles can cause explosion or fire.

W-2103-0508

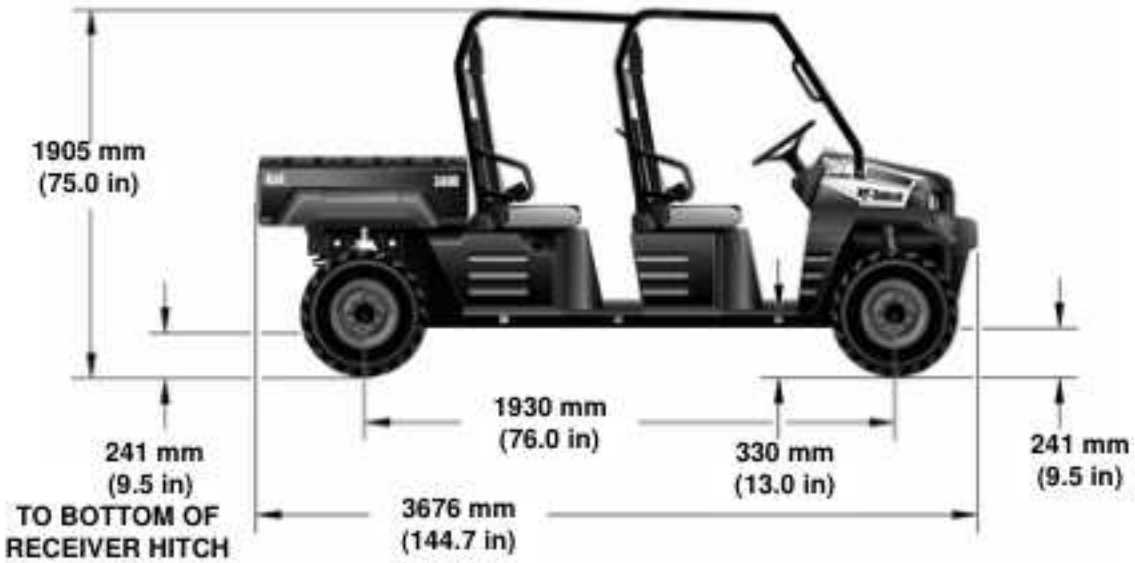
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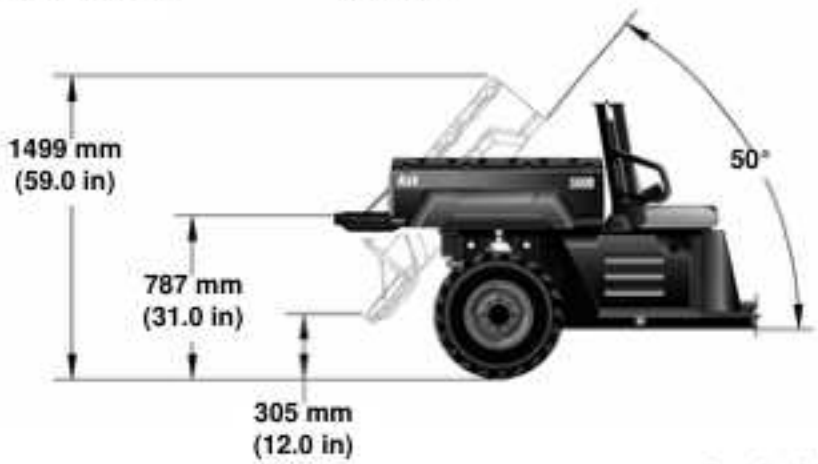
UTILITY VEHICLE SPECIFICATIONS (CONT'D)

(3400XL) Dimensions

- Dimensions are given for utility vehicle equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specification conform to SAE, ANSI or ISO standards and are subject to change without notice.







Turning Radius - Turf Mode = 3607 mm (142 in)
Turning Radius - Two Wheel Drive = 4147 mm (153.25 in)
Turning Radius - Four Wheel Drive (4x4) = 4140 mm (153 in)

Box Inside Dimensions:
1371 x 927 x 292 mm
(54.0 x 36.5 x 11.5 in)

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Safe Operation Is The Operator's Responsibility

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Operator must have instructions before operating the utility vehicle. Untrained operators can cause injury or death.

W-2855-0510

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the utility vehicle.

I-2317-0510

DANGER

The signal word DANGER on the utility vehicle and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1022-0510

WARNING

The signal word WARNING on the utility vehicle and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2856-0510

The Bobcat utility vehicle, attachments and accessories must be in good operating condition before use.

Check all of the items on the Daily Inspection as shown in the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate the utility vehicle, attachments and accessories.

A Qualified Operator Must Do The Following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, and utility vehicle signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the vehicle, attachments and accessories safely under all conditions of the work area. Always fasten seat belt before operating.
- The utility vehicle Safety Video is available from your Bobcat dealer in english and spanish. It provides information for safe vehicle operation.

Know the Work Conditions

- Know the weight of the materials being handled. Never exceed the vehicle Load Capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of the load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *Before Operation* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment and hearing protection are required for some work.

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