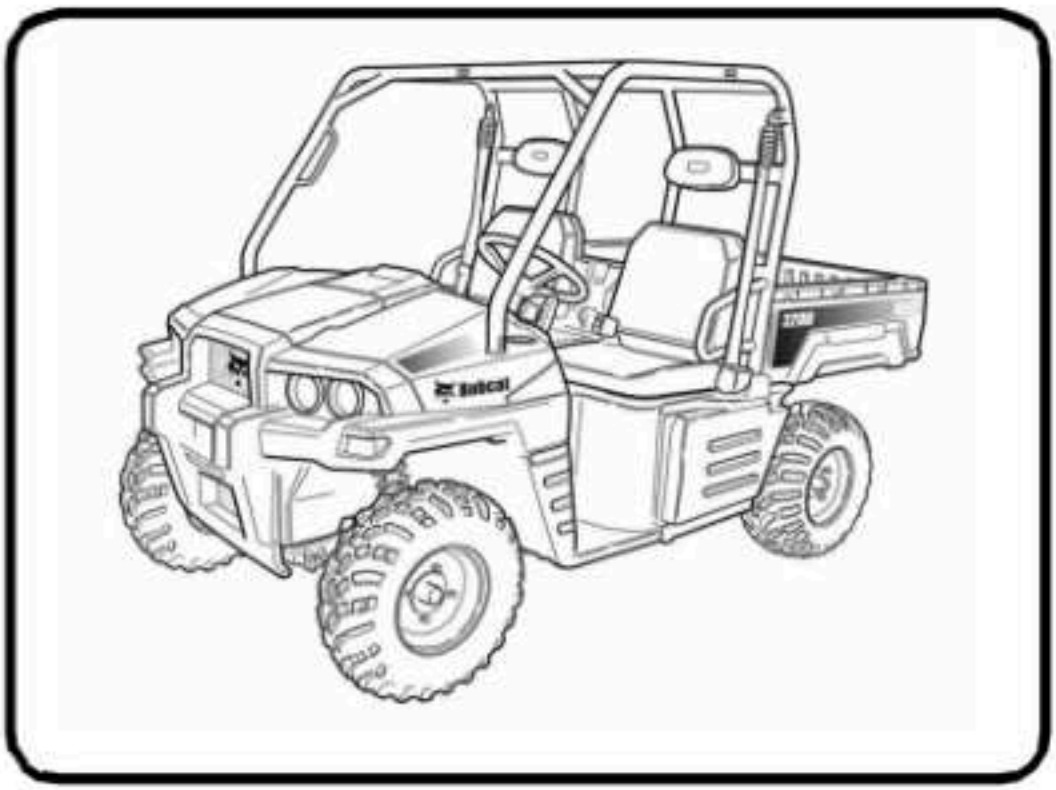
Bobcat®

Operation & Maintenance Manual
3200 Utility Vehicle

S/N AJNS11001 & Above



6989597 (11-10) Revised (2-11) (5)

Printed in U.S.A.

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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
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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.

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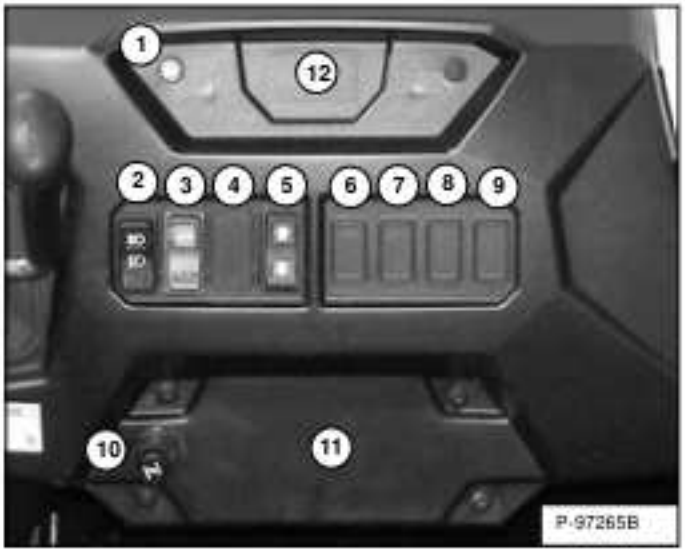
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Control Panel

Figure 9

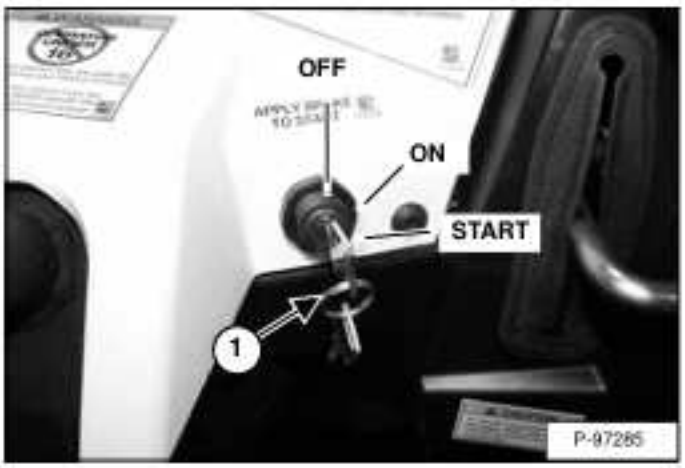


NOTE: Switch locations may vary from what is shown depending on options and accessories installed on your vehicle.

REF	DESCRIPTION	FUNCTION / OPERATION
1	Check Engine Light	Not Used for model 3200.
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) Top position - Two Wheel Drive (2WD - With locked rear differential) (See Drive Mode Switch on Page 51.)
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 49.)
6	-	Available for accessories.
7	-	Available for accessories.
8	-	Available for accessories.
9	-	Available for accessories.
10	Choke	Used to assist in cold weather starting.
11	Radio (Optional)	(See Radio (Optional) on Page 29.)
12	Speedometer (Optional)	(See SPEEDOMETER (OPTIONAL) on Page 39.)

Key - Start / Stop

Figure 10



Key (Item 1) **[Figure 10]**. (See STARTING THE ENGINE on Page 38.)

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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AIR CLEANER SERVICE

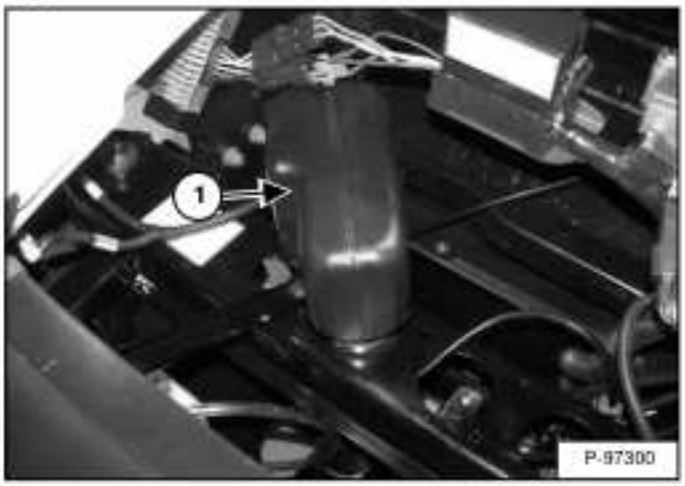
Pre-Filter Element

For the correct service interval of the pre-filter element (See SERVICE SCHEDULE on Page 60.)

The intake air pre-filter is located under the front cover. The pre-filter traps larger particles before the air reaches the main engine air filter.

Removal

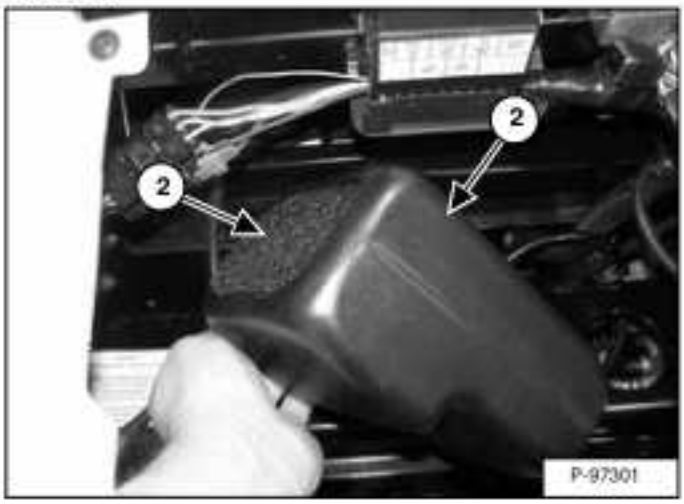
Figure 78



Remove the front cover. (See FRONT COVER on Page 98.)

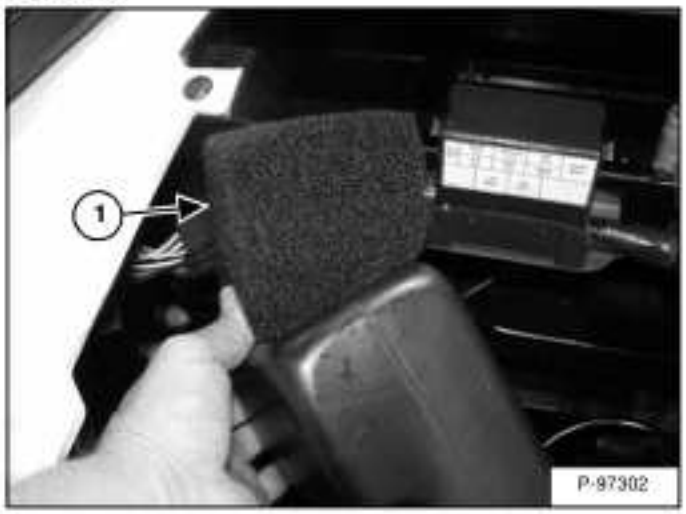
The pre-filter box (Item 1) **[Figure 78]** is connected to a rubber hose so the box can be relocated to access the element.

Figure 79



Rotate the box (Item 1) back to access the pre-filter element (Item 2) **[Figure 79]** for removal.

Figure 80



NOTE: The fiber pre-filter element must be gently removed from the box to avoid tearing or damaging the element. Inspect the element for damage. If any damage is found, replace the element.

Reach into the box and squeeze the pre-filter element (Item 1) **[Figure 80]** to collapse it to aid in removal.

DO NOT used compressed air to clean the pre-filter box. Use a clean damp cloth and wipe out the inside of the box.

Cleaning Element

If the element is dirty, clean it with a high flash point solvent, followed by hot soapy water. Rinse and dry the filter element thoroughly. Inspect element for tears or damage. Replace if necessary.

Installation

Squeeze the element (Item 1) **[Figure 80]** and insert into the box. Make sure the element is properly installed so that it fits snugly back into the box.

Reposition the box (Item 1) **[Figure 78]** back to its original location.

Reinstall the front cover.

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(3200) UTILITY VEHICLE SPECIFICATIONS (CONT'D)

Performance

Load Capacity	
Cargo Box Load (Maximum)	500 kg (1100 lb)
Vehicle Rated Capacity (Includes: cargo box load, weight of occupant(s), and the weight of any accessories)	725 kg (1600 lb)
Total Rated Capacity (Includes: the Vehicle Rated Capacity and the towed weight)	1406 kg (3100 lb)
Trailer Hitch Tongue Weight (Max)	68 kg (150 lb)
Tow Capacity (Includes the Weight of Trailer)	680 kg (1500 lb)
Hitch Type	Standard 2 in. Receiver
Operating Weight	624 kg (1375 lb)
Operating Slope Limit	15° Maximum
Travel Speed - Low Gear - High Gear - Reverse	 0 - 39 km/h (0 - 24 mph) 0 - 48 km/h (0 - 30 mph) 0 - 39 km/h (0 - 24 mph)

Controls

Vehicle Steering	Steering Wheel
Engine	Foot pedal engine speed control; key-type starter switch.
Brake Pedal	Foot pedal activates four wheel disc brakes.
Parking Brake (Standard)	Lever applied, mechanically activated disc brake.

Engine

Make/Model	Fuji EH460PLE040
Fuel/Cooling	Unleaded Gasoline / Liquid
Horsepower (SAE Net)	21,8 kW (29.2 hp) @ 6500 rpm
Type Of Cycle	4 - Stroke
Air Induction	Naturally Aspirated
Low Idle RPM	1100 rpm
High Idle RPM	6500 rpm
Number of Cylinders	1
Displacement	0,455 L (27.8 in^3)
Bore/Stroke	87,9 / 75 mm (3.46 / 2.95 in)
Lubrication	Tandem Gear Pump Pressure System with Filter - Dry Sump
Crankcase Ventilation	Closed Breather
Air Pre-Cleaner	Cleanable and replaceable fiber cartridge
Air Cleaner	Replaceable dry paper cartridge
Ignition	Spark
Engine Coolant	Ethylene Glycol / Water Mixture
Spark Plug	BKR5E
Spark Plug Gap	0,9 mm (0.04 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. Avoid exceeding the vehicle Rated 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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