



Bobcat®

Operation & Maintenance Manual



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UV34 UV34XL

Utility Vehicle

(UV34) S/N B4LV11001 & Above
(UV34XL) S/N B4LY11001 & Above



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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
UNITED STATES OF AMERICA

Doosan Bobcat Manufacturing s.r.o.
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OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

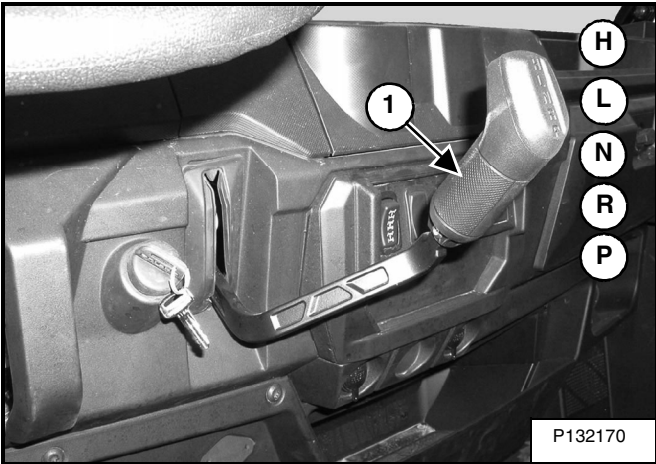
Gear Selector

IMPORTANT

Shifting gears with the engine speed above idle or while the vehicle is moving could cause transmission damage. Always shift when the vehicle is stationary and the engine is at idle.

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Figure 8



The gear selector (Item 1) [Figure 8] is located to the right of the steering wheel. (The corresponding indicator light (Item 15) [Figure 5] will be illuminated based on the gear selected.)

Have the vehicle stopped and the engine at idle before moving the gear selector.

- H: HIGH gear
- L: LOW gear
- N: NEUTRAL
- R: REVERSE
- P: PARK

LOW gear is the primary driving gear for the vehicle. HIGH gear is intended for use on hard packed surfaces with light loads.

NOTE: Maintaining the shift linkage is important to assure proper transmission function. See your Bobcat dealer if you are experiencing any shifting problems.

NOTE: When using multiple electrical accessories and / or attachments with high electrical loads, operate in Low range to maximize charging of the battery.

When To Use LOW Gear And HIGH Gear

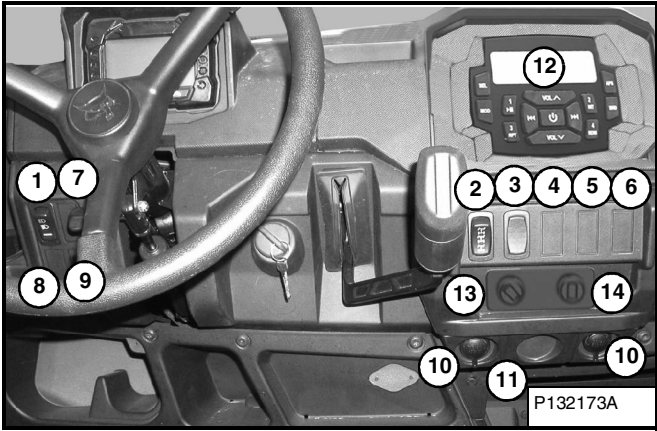
CONDITION	GEAR TO USE
Operating at speeds less than 11 km/h (7 mph)	LOW
Towing heavy loads	LOW
Operating in rough terrain (swamps, mountains, etc.)	LOW
Operating at speeds greater than 11 km/h (7 mph) with light loads	HIGH

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OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

Control Panel

Figure 9



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

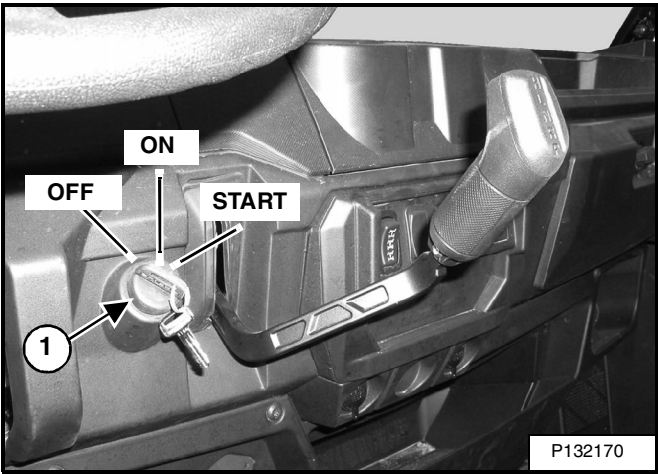
REF	DESCRIPTION	FUNCTION / OPERATION
1	Light Switch (Blue Light on bottom of switch is activated when key switch is ON)	<p>Bottom Position - Headlights are OFF.</p> <p>Center Position - Low beam ON.</p> <p>Top Position - High beam lights ON - blue high beam light in the switch will illuminate. The high beam indicator (Item 5) [Figure 5] will also be illuminated.</p> <p>(Key switch must be in the ON position for the lights to operate.)</p> <p>NOTE: Taillights are ON when the key switch is ON. They are not controlled by the light switch.</p>
2	Drive Mode Switch	<p>Bottom position - Turf Mode (with unlocked rear differential) - amber light in the switch will illuminate</p> <p>Center position - Two Wheel Drive (2WD - With locked rear differential)</p> <p>Top position - Four Wheel Drive (4x4) - amber light in the switch will illuminate.</p> <p>(See Drive Mode Switch on Page 55.)</p>

REF	DESCRIPTION	FUNCTION / OPERATION
3	Raising And Lowering The Cargo Box Switch - With Power Lift Assist (Optional)	<p>Press the top of the switch to raise the cargo box.</p> <p>Press the bottom of the switch to lower the cargo box.</p> <p>(See Raising And Lowering The Cargo Box Switch - With Power Lift Assist (Optional) on Page 24.)</p>
4	-	Available for accessories.
5	-	Available for accessories.
6	-	Available for accessories.
7	-	Available for accessories.
8	-	Available for accessories.
9	-	Available for accessories.
10	Power Ports	Provides a 12 volt receptacle for accessories.
11	USB Port (If Equipped)	With the radio option, the USB port is used for music input. (See Radio on Page 28.)
12	Radio (Optional)	(See Radio on Page 28.)
13	Fan Speed (Optional)	Turn clockwise to increase fan speed; counterclockwise to decrease. There are four positions; OFF-1-2-3
14	Temperature Control (Optional)	Turn clockwise to increase temperature; counterclockwise to decrease.

OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

Key - Start / Stop

Figure 10



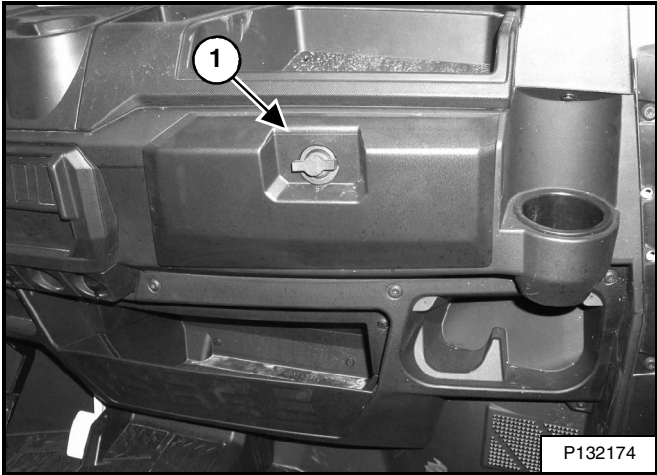
Key (Item 1) [Figure 10]. (See STARTING THE ENGINE on Page 40.)

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.

OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

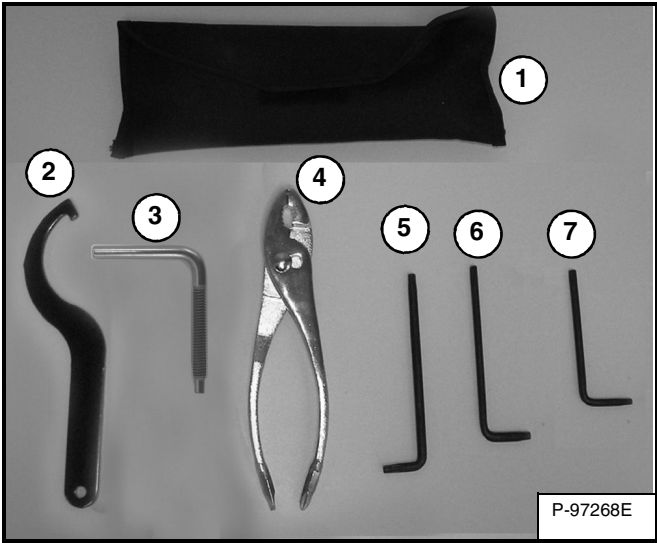
Storage Compartment

Figure 11



The storage compartment (Item 1) [Figure 11] is used for storing the Operation & Maintenance Manual and the tool kit.

Figure 12



The tool kit (Item 1) [Figure 12] consists of the following:

- 1. Storage pouch
- 2. Spanner Wrench (Shock Adjustment)
- 3. Clutch Tool (For removing the belt)
- 4. Plier (with flat and Phillips screw drivers on handles and plastic rivet extractor)
- 5. Torx™ wrench - T40
- 6. Torx™ wrench - T27
- 7. Torx™ wrench - T25

Storage Bins

Depending on the utility vehicle model (Standard or XL), the vehicle will have two or four storage bins under the seat(s).

Figure 13

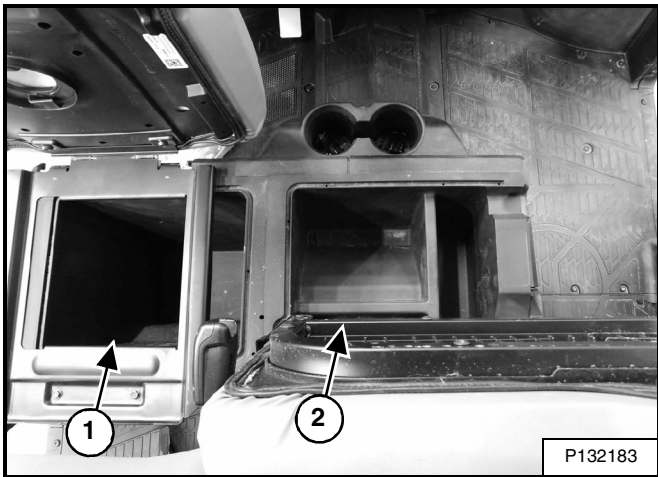
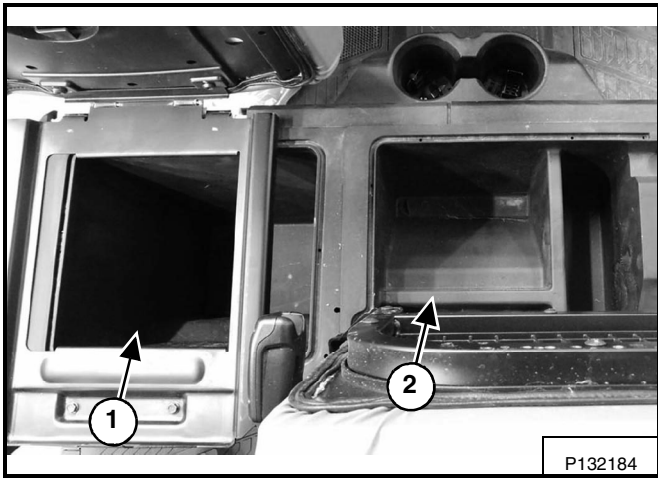


Figure 14



The UV34 utility vehicle has two storage bin (Item 1 and 2) [Figure 13] located under the front seats (standard model), and two additional storage bins (Item 1 and 2) [Figure 14] under the rear seat (for XL models).

NOTE: Always reinstall the storage bin(s) if they have been removed for vehicle service.

OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

Winch

DANGER

Stand clear of wire rope and load during winching. Keep helpers and spectators at a safe distance. If a wire rope pulls loose or breaks under the load, it can lash back with dangerous force.

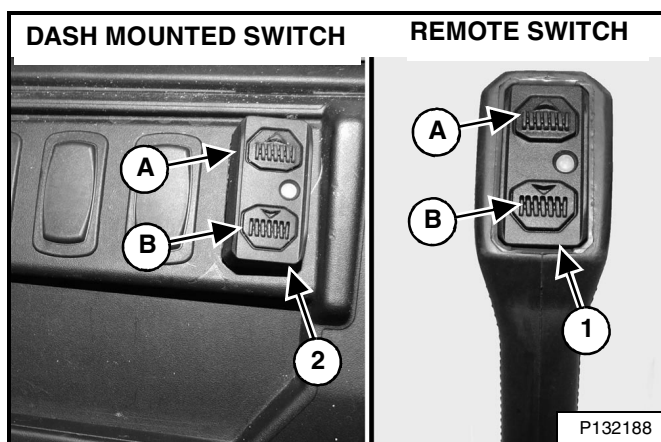
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DANGER

Wear heavy leather gloves when handling wire rope. Do not let the wire rope slip through your hands, even with gloves on. When handling the hook, always use handsaver. Never put your fingers into the hook. Placing your finger(s) in hook could result in injury.

D-1033-1210

Figure 15



If equipped with the optional multimount winch (receiver hitch mounted) [Figure 16] or the integrated winch (front mounted) [Figure 17], a remote switch (Item 1) [Figure 15] and / or the dash mounted switch (Item 2) [Figure 15] can be used to control cable out and cable in.

The remote switch (Item 1) [Figure 15] is marked an up arrow (A) and a down arrow (B). Press the (A) side of the switch (Item 1) to feed the cable out, press the (B) side of the switch to reel cable in.

The dash mounted switch (Item 2) is marked an up arrow (A) and a down arrow (B). Press the (A) side of the switch (Item 2) to feed the cable out, press the (B) side of the switch to reel cable in.

Figure 16

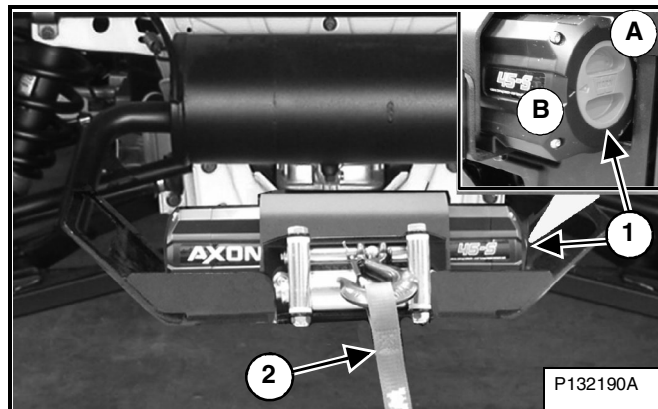
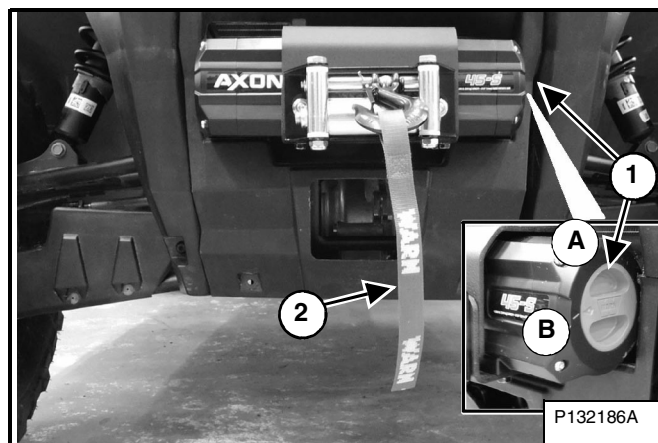


Figure 17



Located on the end of the winch motor is a clutch actuator knob (Item 1) [Figure 16] or [Figure 17] that is used for controlling cable free spool or motor engaged feature.

Rotate the knob (Item 1) [Figure 16] or [Figure 17] clockwise (Position A) for free spool, this will allow the cable to be pulled from the winch.

NOTE: Always disconnect the remote switch harness from the connector before free spooling the cable. This will prevent accidental pressing of the IN / OUT switch during free spooling.

NOTE: Always wear heavy leather gloves when handling the winch cable and use the supplied hand saver (Item 2) [Figure 16] and [Figure 17] when spooling cable in or out.

Rotate the knob (Item 1) [Figure 16] or [Figure 17] counterclockwise (Position B) to engage the motor. The switch (Item 1 or 2) [Figure 15] will now control cable in or cable out function.

NOTE: For more information on winch operation, see the Winch User Guide supplied with the winch.

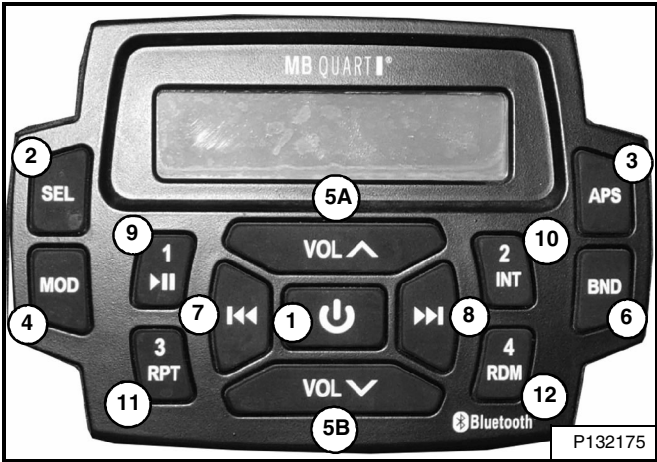
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OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

Radio

This vehicle may be equipped with a Radio.

Figure 18



The table on the next page shows the DESCRIPTION and FUNCTION / OPERATION for each of the controls of the radio [Figure 18].

NOTE: See DISPLAY in the table for clock setting instructions.

REF. NO.	DESCRIPTION	FUNCTION / OPERATION
1	POWER / MUTE	The power button does multiple functions. A quick press to turn ON. A short press and hold will MUTE the radio, press and hold a second time to discontinue the pause. A long press and hold, turns the radio OFF.
2	SEL	Press button quickly and [SEL] will appear on screen. With additional quick presses, scroll through BASS, TREBEL, BALLANCE, FAD, LOUD EQUILIZER, BEEP. Select the desired function and use the VOLUME UP (5A) and VOLUME DOWN (5B) buttons to change the settings.
3	APS	For FM or AM stations. Press button quickly to scan saved radio stations. Press and hold to scan all stations. There will be a short audio of a strong station signal, and then will continue to next station if not selected. Press button again to stop the scan
4	MOD	Press button to scroll through; FM, AM, BT, IPOD, USB, AUX1 and AUX2.
5A 5B	VOLUME	Press 5A - volume up. 5B - volume down. Press button quickly for small increase / decrease in volume. Press and hold for quicker increase / decrease in volume.
6	BND (Clock)	This is a multi function button. Press quickly to scroll between FM1, FM2, AM1 and AM2 for programmed stations. Press and hold button to adjust the clock. When press for [CLOCK] mode, press and hold again to adjust. Quickly press to select hour or minute and then use the volume buttons (5A or 5B) to adjust time.
7	RWD / Back	When in radio mode, press quickly to go back to the last strong radio station signal. For other music sources, press quickly to go back to the beginning of the current track. Press and hold for fast reverse within the current selection.
8	FWD / Forward	When in radio mode, press quickly to go forward to the next strong radio station signal. For other music sources, press quickly to go forward to the beginning of the song. Press and hold for fast forward within the current selection.

OPERATOR CONTROLS AND INSTRUMENT PANELS (CONT'D)

Radio (Cont'd)

REF. NO.	DESCRIPTION	FUNCTION / OPERATION
9	1 - Play / Pause	This is a multi function button. For BT, USB, Apple Device mode is a play / pause button. In FM or AM radio mode, press quickly to change to select stored radio station 1. When in FM or AM radio mode, press and hold to select and store a new radio station 1.
10	2 - INT / Intro	This is a multi function button. For BT, USB, press button to play introduction (first 10 seconds) of each track. Press again to turn off this feature (not compatible in IPOD mode). In FM or AM radio mode, press quickly to change to select stored radio station 2. When in FM or AM radio mode, press and hold to select and store a new radio station 2.
11	3 - RPT / Repeat	This is a multi function button. For BT, USB, press button to repeat the current song. Press again to turn off this feature. In FM or AM radio mode, press quickly to change to select stored radio station 3. When in FM or AM radio mode, press and hold to select and store a new radio station 3.
12	4 - RDM / Random	This is a multi function button. For BT, USB, press button to allow random songs to be played. The RDM will not select random tracks from any other devices, only from the unit selected. (Not compatible in IPOD mode.) In FM or AM radio mode, press quickly to change to select stored radio station 4. When in FM or AM radio mode, press and hold to select and store a new radio station 4.
13	DISPLAY	The display screen will show the information on the screen depending on what function is selected. BASS, TREBEL, BALLANCE, FAD, LOUD EQUILIZER, BEEP, will show position selected or will change as you make the function change. Volume, will show the increase and decrease in volume control. FM / AM, will show the random stations or if using the pre-selected station, will show what station is currently playing. After a few seconds, the cock will show after any button is pressed.

Bluetooth Device Pairing

The pairing process can vary on your particular device. Refer to the operating instructions on your device for detailed pairing instructions. Below is general pairing process information to connect a device.

When the radio is powered, the status indicator will flash slowly "searching" for the last paired device. If no device is located, it will flash quickly, indicating it is ready to pair to a new device.

On your Bluetooth enabled device, search for the radio under the Bluetooth settings.

Select the radio and wait for the device to indicate "connected".

The status indicator will change to a solid RED.

Music will now play through the radio system.

To connect to a different device while currently paired, press and hold button 9 "Play / Pause". This will initiate the pairing mode.

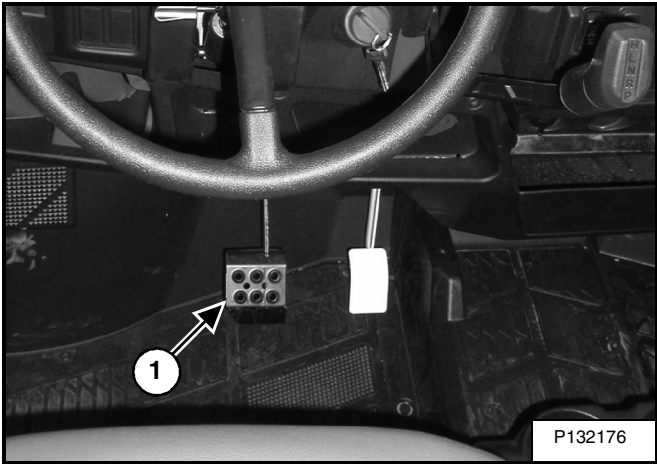
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BRAKE PEDAL

Operation

Figure 19



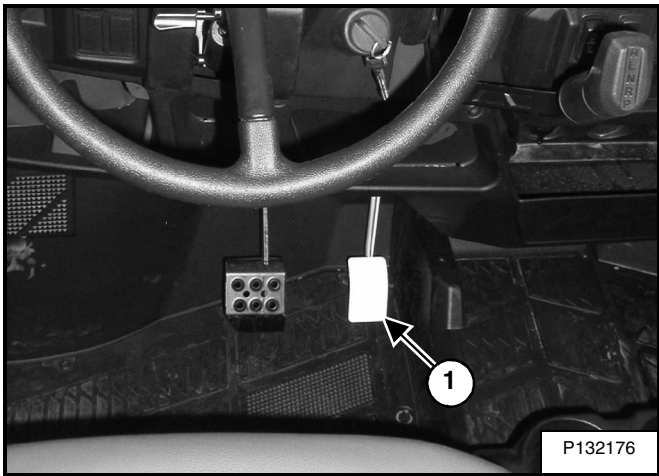
Press the brake pedal (Item 1) **[Figure 19]** to slow or stop the utility vehicle.

Press the brake pedal while starting the vehicle.

THROTTLE PEDAL

Operation

Figure 20



Slowly press the throttle pedal (Item 1) **[Figure 20]** down to increase engine speed. Spring pressure returns the pedal to the rest position when released.

Always check that the throttle pedal returns normally before starting the engine. Make sure there is adequate throttle pedal free play. See Throttle Pedal Inspection And Maintenance. (See THROTTLE SYSTEM on Page 73.)