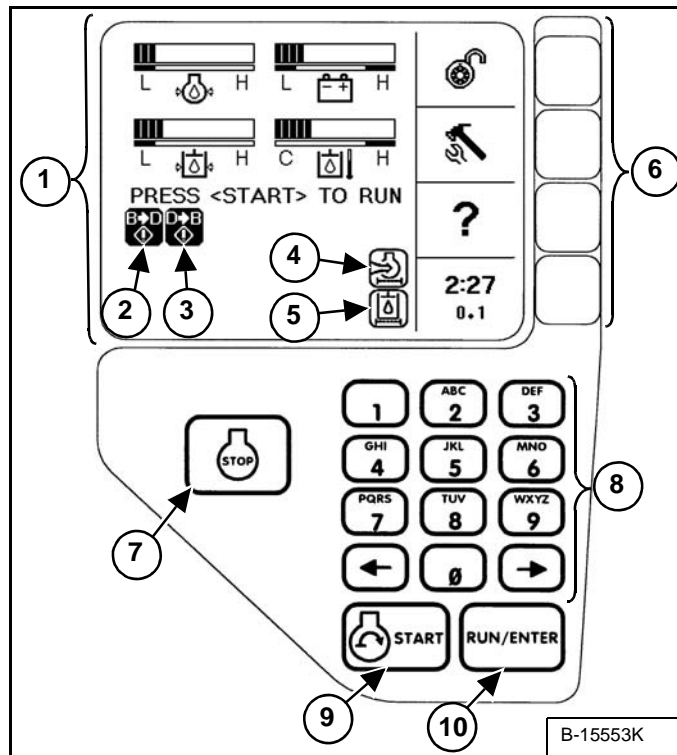


INSTRUMENT PANELS (CONT'D)

Deluxe Instrumentation Panel

Figure 60-50-4



This machine may be equipped with a Deluxe Instrumentation Panel [Figure 60-50-4].

1. **Display Screen:** The Display Screen is where all system setup, monitoring, troubleshooting and error conditions are displayed.
2. **Bobcat Main Controller Error:** Indicates communication error between Bobcat Main Controller and Deluxe Instrumentation Panel. (See DIAGNOSTIC SERVICE CODES on Page 60-90-1.)
3. **Display Error:** Indicates communication error between instrument panel and Bobcat controller. (See DIAGNOSTIC SERVICE CODES on Page 60-90-1.)
4. **Engine Air Filter Icon:** Indicates engine air filter requires service.
5. **Hydraulic Filter Icon:** Indicates hydraulic filter requires service.
6. **Selection Buttons:** The four Selection Buttons allow you to select items from the Display Screen and scroll through screens.
7. **Stop Button:** Used to stop the engine and shut down the loader's electrical system.
8. **Keypad:** The numeric keypad has two functions:

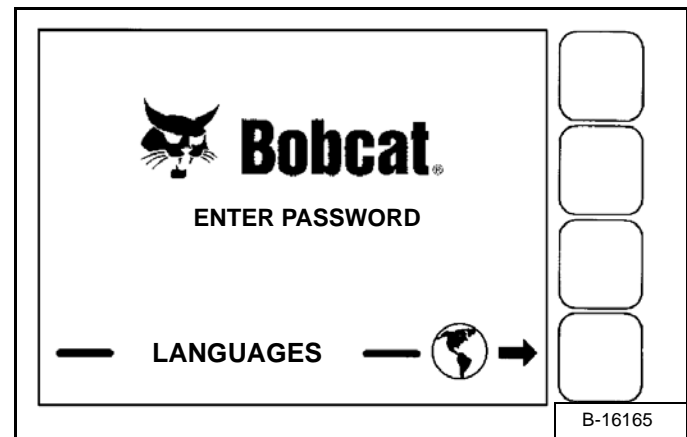
- To enter a number code (password) to allow starting the engine.

- To enter a number as directed for further use of the Display Screen.

9. **Start Button:** Used to start the engine.

10. **Run / Enter Button:** Used to turn on the loader's electrical system.

Figure 60-50-5



The first screen you will see on your new loader will be as shown in [Figure 60-50-5].

When this screen is on the display you can enter the password and start the engine or change the Display Screen setup features.

NOTE: Your new loader (with Deluxe Instrumentation Panel) will have an Owner Password. Your dealer will provide you with this password. Change the password to one that you will easily remember to prevent unauthorized use of your loader. (See Changing The Owner Password on Page 60-190-1.) Keep your password in a safe place for future needs.

Change Language: Press the Selection Button at the end of the arrow [Figure 60-50-5] to go to the next screen. Use the Keypad to select the number of the language.

Press EXIT. The screen will return to [Figure 60-50-5]. You can then enter the password and start the engine.

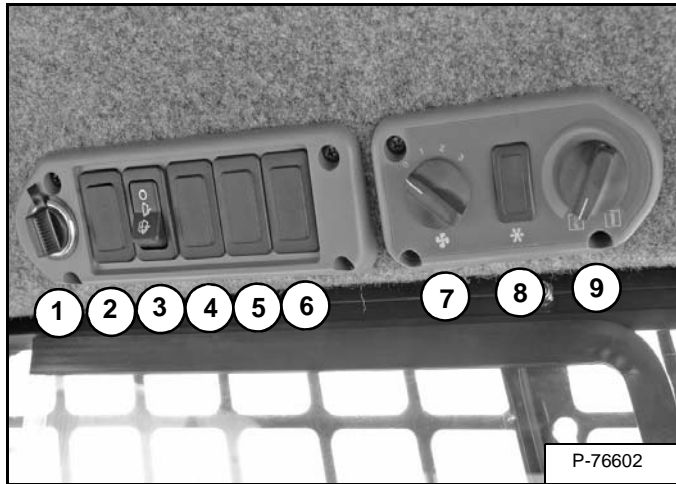
See CONTROL PANEL SETUP for further description of screens to setup the system for your use. (See CONTROL PANEL SETUP on Page 60-180-1.)

NOTE: Pressing the EXIT key will go to the previous screen and you can continue pressing until you get to the initial (home) screen. SHORTCUT: Press the "0" (zero) key to get to the home screen immediately.

INSTRUMENT PANELS (CONT'D)

Side Panel

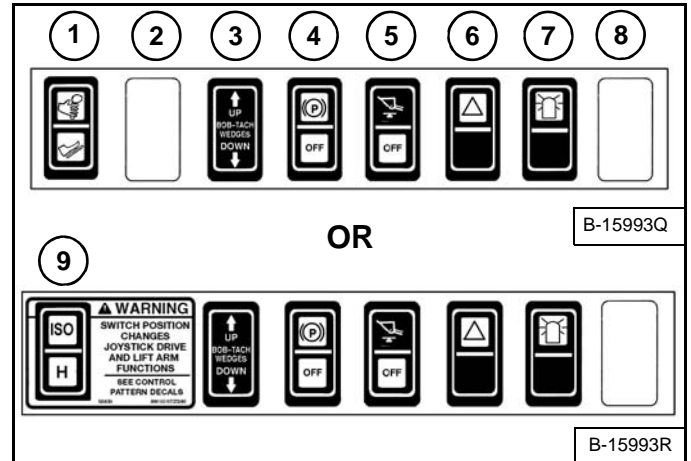
Figure 60-50-6



REF. NO.	DESCRIPTION	FUNCTION / OPERATION
1	POWER PORT	Provides a 12 volt receptacle for accessories.
2	NOT USED	---
3	FRONT WIPER (Option)	Press the bottom of the switch to start the front wiper (press and hold for washer fluid). Press the top of the switch to stop the wiper.
4	REAR WIPER (Option)	Press the bottom of the switch to start the rear wiper (press and hold for washer fluid). Press the top of the switch to stop the wiper.
5	NOT USED	---
6	NOT USED	---
7	FAN MOTOR (Option)	Turn clockwise to increase fan speed; counterclockwise to decrease. There are four positions; OFF-1-2-3.
8	AIR CONDITIONING SWITCH (Option)	Press bottom of switch to start; top to stop. Fan Motor (Item 7) must be ON for A/C to operate.
9	TEMPERATURE CONTROL (Option)	Turn clockwise to increase the temperature; counterclockwise to decrease.

Front Panel

Figure 60-50-7



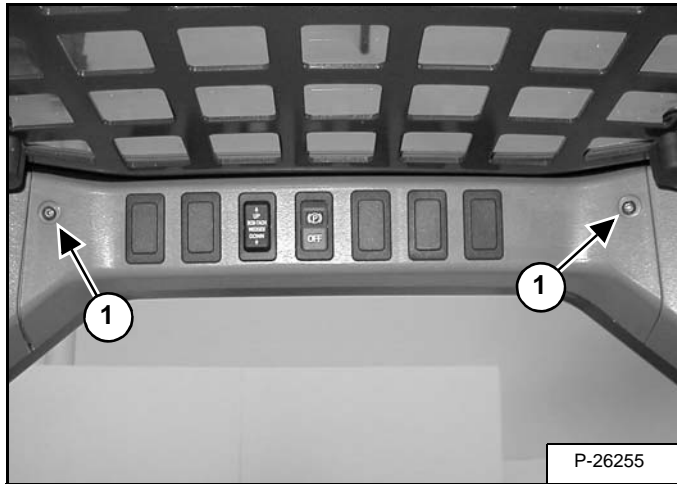
NOTE: Parking Brake (Item 4) [Figure 60-50-7] is standard on all loaders.

REF. NO.	DESCRIPTION	FUNCTION / OPERATION
1	ADVANCED CONTROL SYSTEM (ACS) (Option)	Press the top to select Hand Controls; bottom to select Foot Controls.
2	NOT USED	---
3	POWER BOB-TACH (Option)	Press and hold the up arrow to disengage the Bob-Tach wedges. Press and hold the down arrow to engage the wedges into the mounting frame holes.
4	PARKING BRAKE (Standard on all loaders)	Press the top to engage the PARKING BRAKE; bottom to disengage.
5	HYDRAULIC BUCKET POSITIONING (Option)	Press the top to engage Hydraulic Bucket Positioning; bottom to disengage.
6	HAZARD LIGHTS (Option)	Press the top to turn the HAZARD LIGHTS ON; bottom to turn OFF.
7	ROTATING BEACON (Option)	Press the top to turn the ROTATING BEACON ON; bottom to turn OFF.
8	NOT USED	---
9	SELECTABLE JOYSTICK CONTROLS (SJC) (Option)	Press the top to select 'ISO' Control Pattern; bottom to select 'H' Control Pattern.

INSTRUMENT PANELS (CONT'D)

Front Panel Removal And Installation

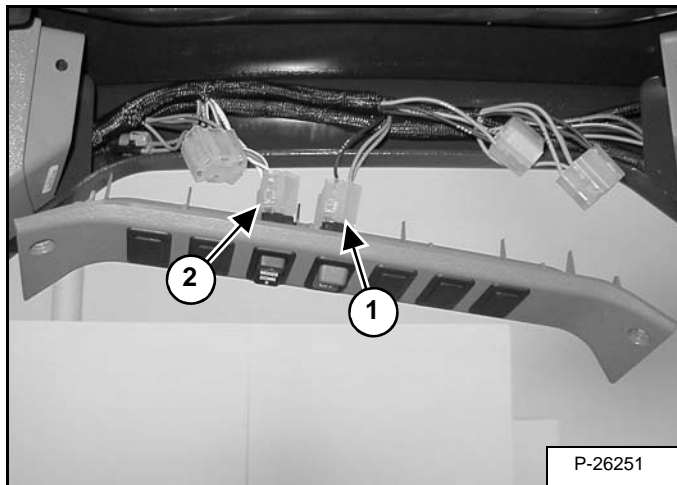
Figure 60-50-8



Remove the two mounting bolts (Item 1) [Figure 60-50-8].

Installation: Be careful to not overtighten the front accessory panel mounting bolts to prevent damage to the plastic panel.

Figure 60-50-9

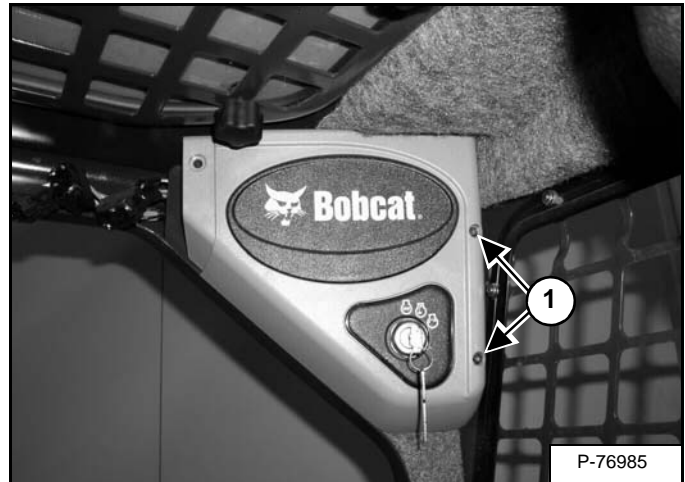


Pull the front accessory panel down and disconnect the wire harness connector(s) (Items 1 and 2) [Figure 60-50-9] from the switches.

Remove the panel.

Removal And Installation (Left And Right)

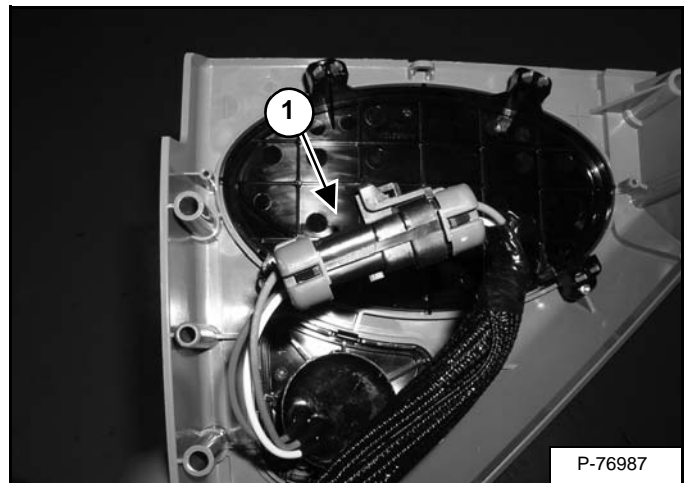
Figure 60-50-10



Remove the two mounting bolts (Item 1) [Figure 60-50-10].

Installation: Be careful to not overtighten the instrument panel mounting bolts to prevent stripping of the threaded holes in the panels.

Figure 60-50-11



Pull the right instrument panel down and disconnect the wire harness connector (Item 1) [Figure 60-50-11] from the panel.

Remove the panel from the loader cab.

INSTRUMENT PANELS (CONT'D)

Removal And Installation (Left And Right) (Cont'd)

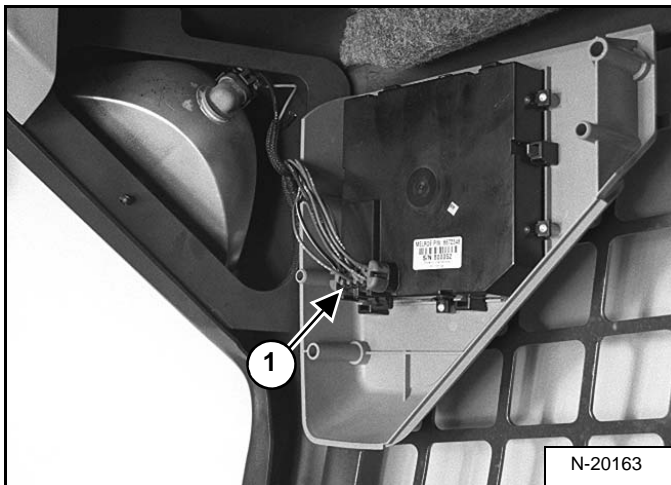
Figure 60-50-12



Remove the two mounting bolts (Item 1) [Figure 60-50-12].

Installation: Be careful to not overtighten the instrument panel mounting bolts to prevent stripping of the threaded holes in the panels.

Figure 60-50-13

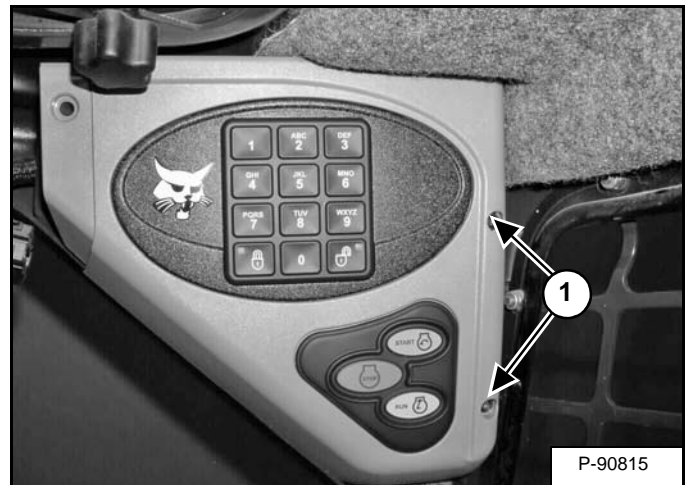


Pull the right instrument panel down and disconnect the wire harness connector (Item 1) [Figure 60-50-13] from the panel.

NOTE: The instrument panel must be replaced as a complete unit.

Remove the panel from the loader cab.

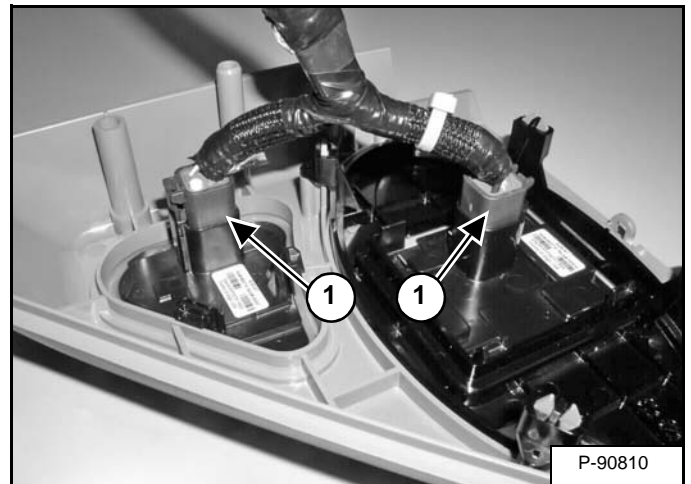
Figure 60-50-14



Remove the two mounting bolts (Item 1) [Figure 60-50-14].

Installation: Be careful to not overtighten the instrument panel mounting bolts to prevent stripping of the threaded holes in the panels.

Figure 60-50-15



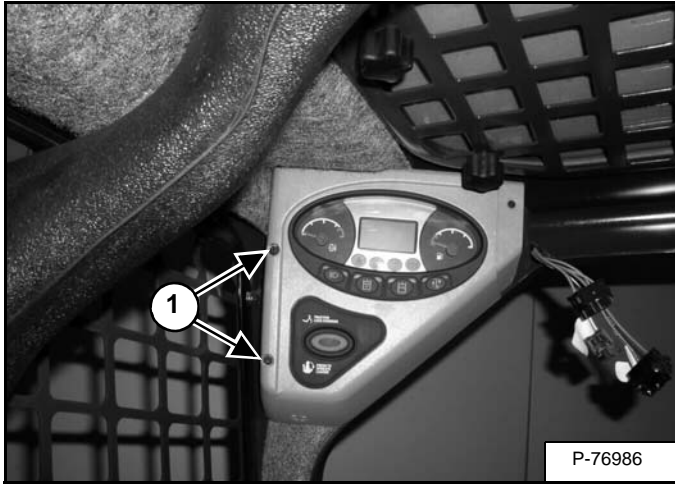
Pull the right instrument panel down and disconnect the wire harness connectors (Item 1) [Figure 60-50-15] from the panel.

Remove the panel from the loader cab.

INSTRUMENT PANELS (CONT'D)

Removal And Installation (Left And Right) (Cont'd)

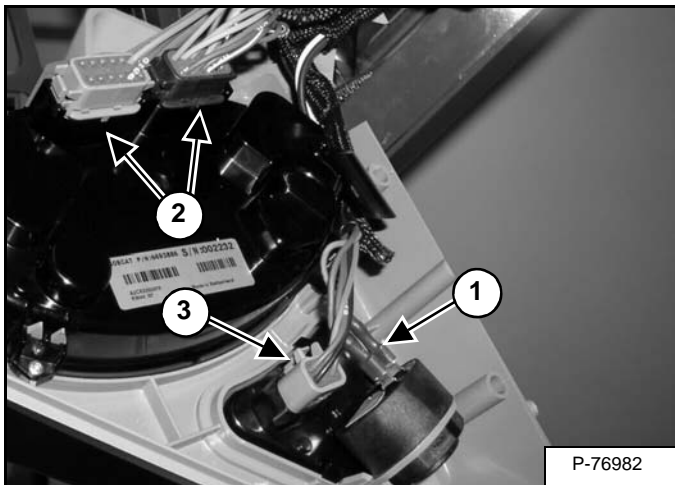
Figure 60-50-16



Remove the two mounting bolts (Item 1) [Figure 60-50-16].

Installation: Be careful to not overtighten the instrument panel mounting bolts to prevent stripping of the threaded holes in the panels.

Figure 60-50-17



Pull the left instrument panel down and disconnect the wire harness connector (Item 1) [Figure 60-50-17] from the loader alarm.

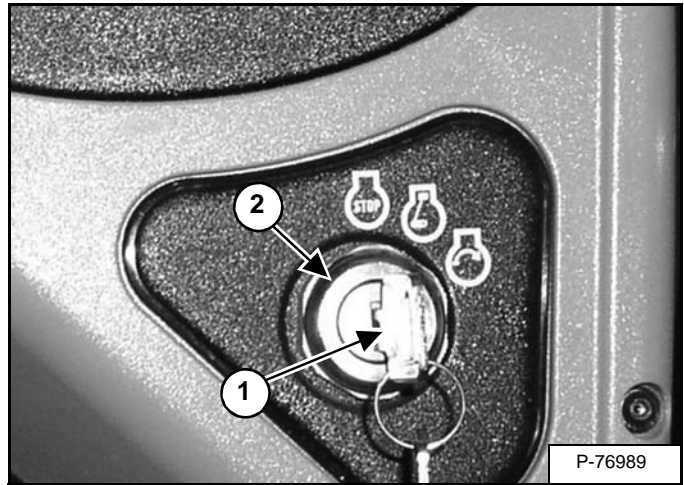
Disconnect the wire harness connector (Item 2 and 3) [Figure 60-50-17] from the loader instrument panel.

Remove the instrument panel from the loader.

Key Switch Removal And Installation

Remove the right side instrument panel. (See Removal And Installation (Left And Right) on Page 60-50-6.)

Figure 60-50-18



Remove the ignition key (Item 1) from the switch. Remove the ignition switch retaining nut (Item 2) [Figure 60-50-18] from the switch.

Remove the ignition switch from the control panel.