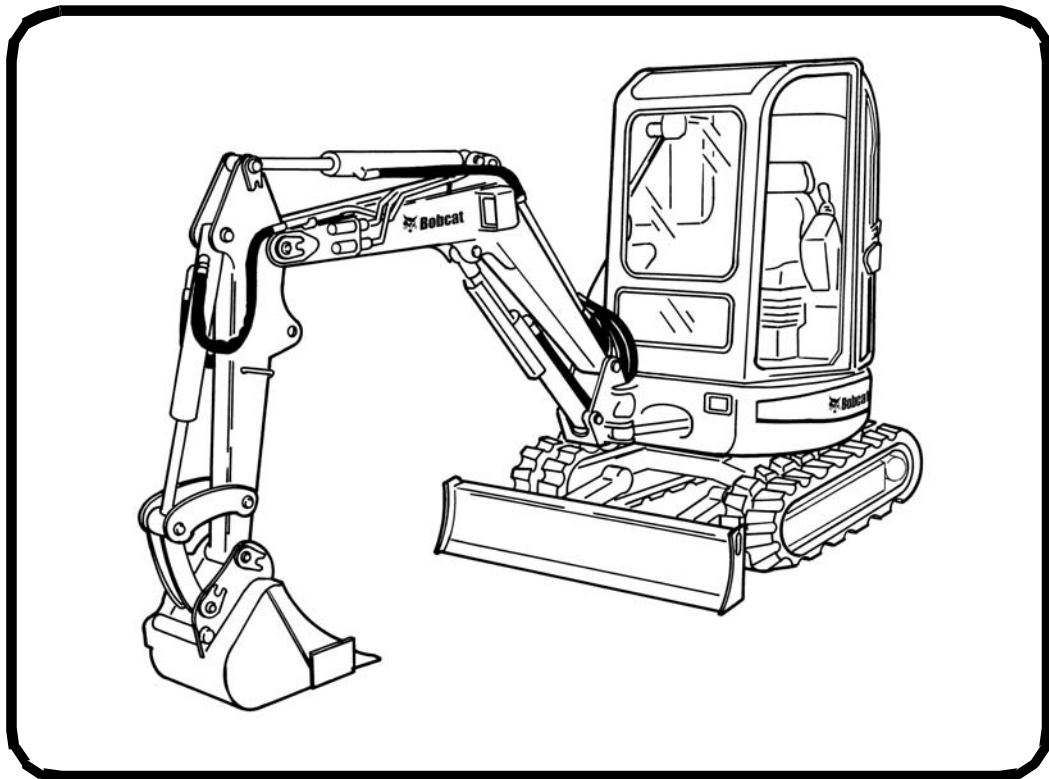




Bobcat®

Operation & Maintenance Manual 425, 428 Compact Excavator

425 S/N AACJ11001 & Above
425 S/N A9K311001 & Above
428 S/N A9K411001 & Above



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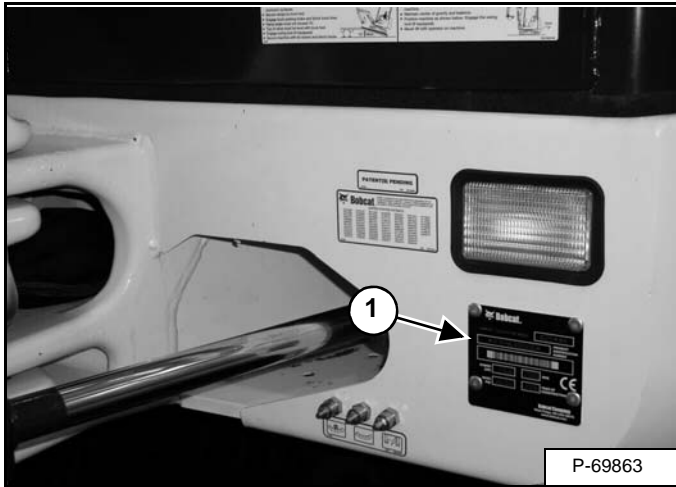
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SERIAL NUMBER LOCATIONS

Always use the serial number of the excavator 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.

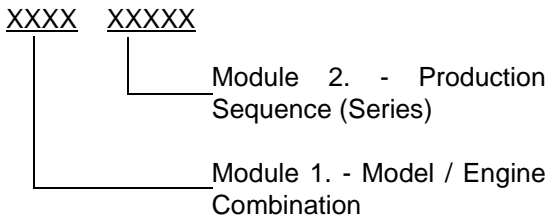
Excavator Serial Number

Figure 1



The excavator serial number plate (Item 1) is located on the frame of the machine in the location shown [Figure 1].

Explanation of Excavator Serial Number:

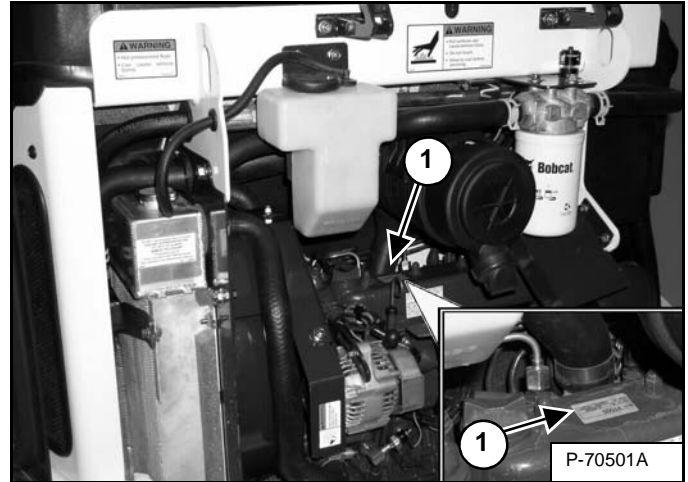


1. The four digit Model/Engine Combination Module number identifies the model number and engine combination.

2. The five digit Production Sequence Number identifies the order which the excavator is produced.

Engine Serial Number

Figure 2



The engine serial number (Item 1) is located on the engine in the location shown [Figure 2].

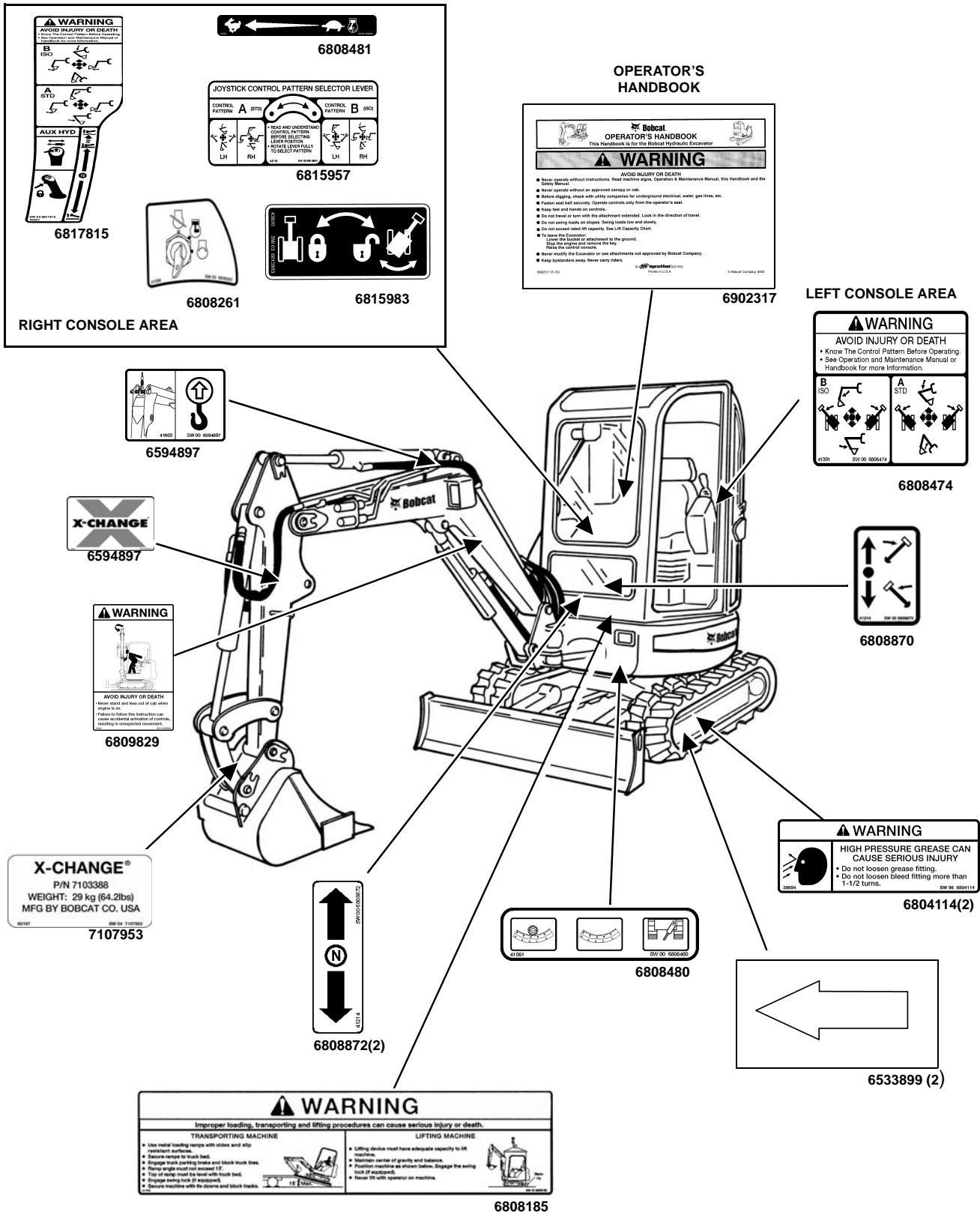
DELIVERY REPORT

Figure 3

The delivery report must be filled out by the dealer and signed by the owner or operator when the Bobcat Excavator is delivered. An explanation of the form must be given to the owner. Make sure it is filled out completely [Figure 3].

MACHINE SIGNS (DECALS)

Follow the instructions on all the Machine Signs (Decals) that are on the excavator. Replace any damaged machine signs and be sure they are in the correct locations. Machine signs are available from your Bobcat Excavator dealer.



INSTRUMENTS AND CONSOLES (CONT'D)

Function Icons

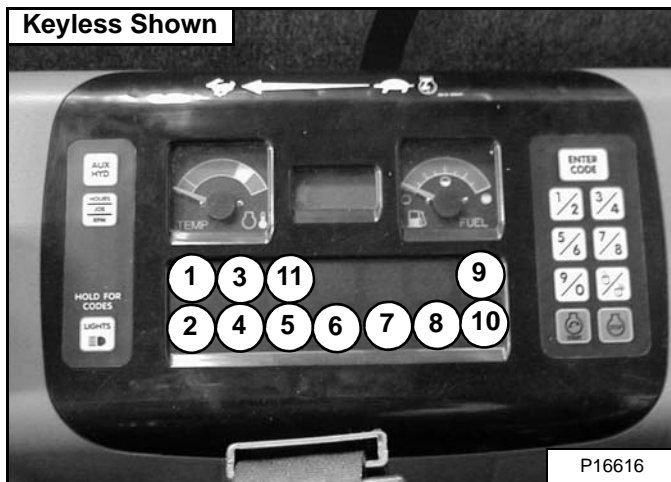
The table below shows the Icons, their function and other important information.

REF.	FUNCTION	ICON/LIGHT	ALARM	CONDITION/ CODE	DESCRIPTION
1	Auxiliary Hydraulics	OFF CONTINUOUS FLASHING	--- --- 3 Beeps	--- --- Error ♦	Auxiliary Hydraulics Button pressed, hydraulic functions available. Error with Auxiliary Hydraulics.
2	Two-Speed Travel	OFF CONTINUOUS FLASHING	--- --- 3 Beeps	--- --- Error ♦	Two-Speed activated, High Range engaged Solenoid Error
3	Hydraulic/Traction Drive	CONTINUOUS OFF FLASHING FLASHING	--- --- 3 Beeps CONTINUOUS	* --- Error ♦ Error ♦	Left Console down. Hydraulic/Traction Drive functions activated Left Console up. Hydraulic/Traction Drive functions deactivated Error with console sensor or workgroup solenoid Workgroup solenoid not connected
4	Glow Plugs	OFF CONTINUOUS FLASHING	--- --- 3 Beeps	* --- Error ♦	Glow Plugs energized Error with Glow Plugs
5	System Voltage	OFF FLASHING	--- 3 Beeps 3 Beeps CONTINUOUS CONTINUOUS	* Error ♦ Warning ♦ Warning ♦ Shutdown ♦	Voltage out of range Voltage low or high Voltage extremely high Voltage extremely low - Engine will stop in 10 seconds.
6	Engine Oil Pressure	OFF CONTINUOUS CONTINUOUS FLASHING	--- 3 Beeps 3 Beeps CONTINUOUS	* Error ♦ Warning ♦ Shutdown ♦	Engine Oil Pressure sender out of range. Engine Oil level low. Engine Oil pressure very low, Engine will shutdown in 10 seconds.
7	Hydraulic Oil Filter & Temperature	OFF FLASHING CONTINUOUS CONTINUOUS FLASHING	--- 3 Beeps 3 Beeps 3 Beeps CONTINUOUS	* Warning ♦ Error ♦ Warning ♦ Shutdown ♦	Error with Hydraulic Filter Hydraulic Oil Temperature out of range Hydraulic Filter plugged or temperature high Hydraulic Oil Temp. extremely high - Engine will stop in 10 seconds.
8	General Warning	OFF CONTINUOUS CONTINUOUS FLASHING	--- 3 Beeps 3 Beeps CONTINUOUS	* Error ♦ Warning ♦ Shutdown ♦	Error with one or more engine, hydraulic, or fuel functions. Low fuel, engine speed high, coolant temperature high Coolant temperature or engine speed extremely high - Engine will stop in 10 seconds.
9	Keypad Unlocked	ON OFF	--- ---	--- ---	Panel is unlocked
10	Seat Belt	ON	---	---	Light stays on for 45 seconds to remind operator to fasten seat belt.
11	Low Fuel	OFF CONTINUOUS	--- 3 Beeps	--- Warning	Light stays on

* This is the normal operating condition.

♦ These functions are monitored and have SERVICE CODES associated with them, See SYSTEM SETUP & ANALYSIS Page SA-3 for descriptions of SERVICE CODES.

Figure OI-4



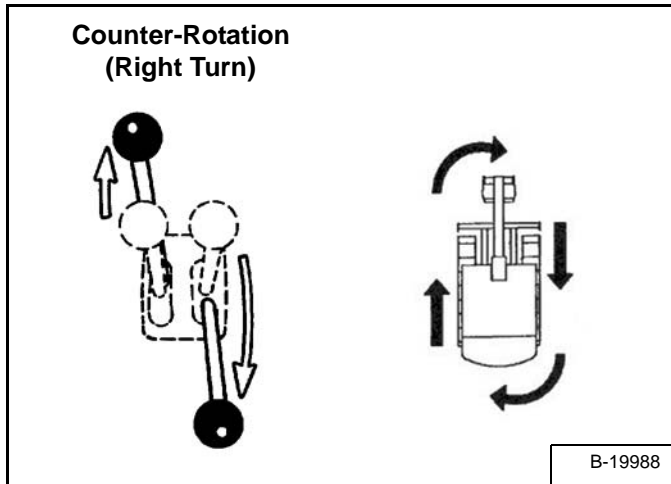
The right console contains the instrument panel with Function Icons [Figure OI-4].

TRAVEL CONTROLS (CONT'D)

Turning (Cont'd)

Counter - Rotation Right Turn

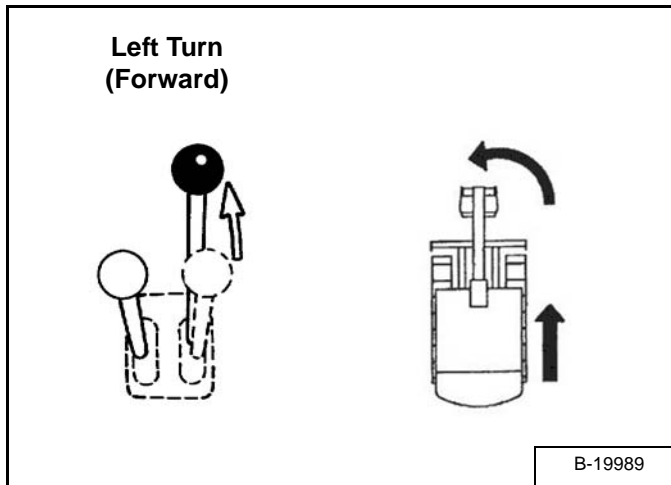
Figure OI-29



Push the left steering lever forward and pull the right steering lever backward [Figure OI-29].

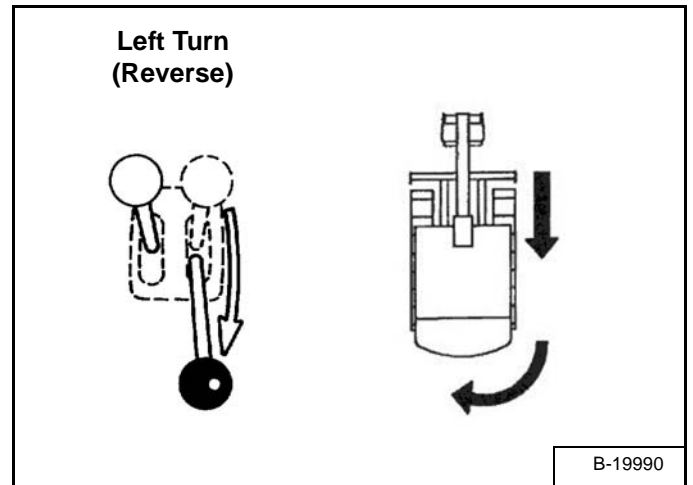
Left Turn

Figure OI-30



Push the right steering lever forward to turn left while traveling forward [Figure OI-30].

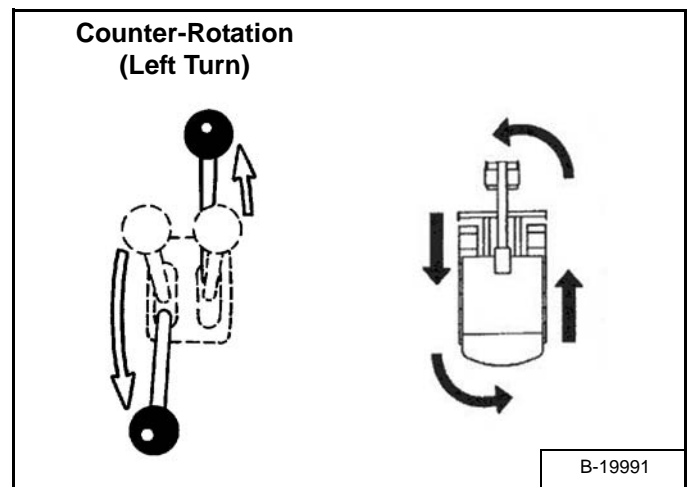
Figure OI-31



Pull the right steering lever backward to turn left while traveling backward [Figure OI-31].

Counter - Rotation Left Turn

Figure OI-32



Push the right steering lever forward and pull the left steering lever backward [Figure OI-32].

PRE-STARTING PROCEDURE (CONT'D)

Seat Adjustment

Figure OI-51

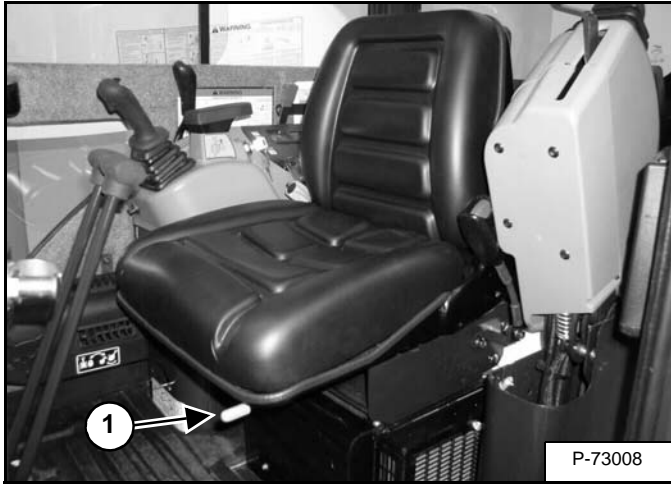
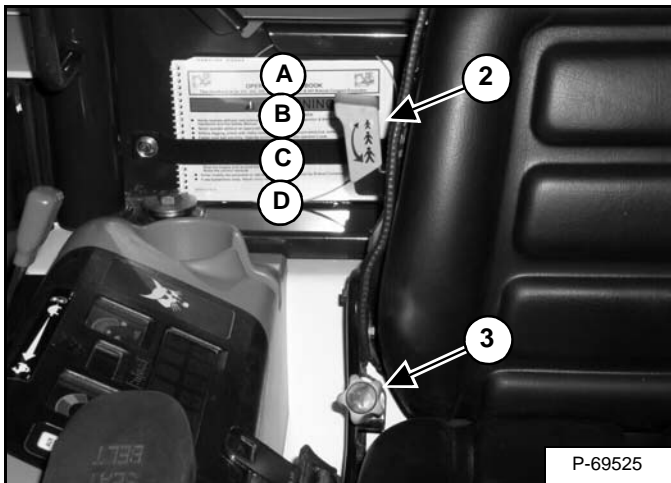


Figure OI-52



Release the seat lever (Item 1) [Figure OI-51] to adjust the seat forward or backward.

The handle (Item 2) is used to adjust the seat for operator weight. Position (Item A) is the lightest position, position (Item B) is medium, position (Item C) is heavier and position (Item D) resets the handle back to the lightest position (Item A) [Figure OI-52].

Sit in the seat and turn the knob (Item 3) [Figure OI-52] to adjust the position of the back cushion.

Seat Belt Adjustment

Figure OI-53



Fasten the seat belt [Figure OI-53].

Control Console

Figure OI-54



Lower the control console [Figure OI-54].

NOTE: There is a control lock switch in the left console which deactivates the hydraulic control levers (joysticks) and the traction drive system when the control console is raised. The console must be in the locked down position for the hydraulic control levers (joysticks) and traction system to operate.

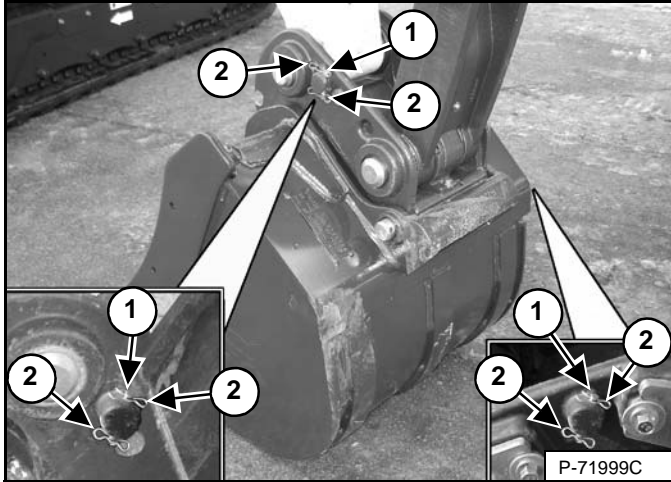
NOTE: If the control lock switch does not deactivate the control levers and traction system when console is raised, see your Bobcat dealer for service.

ATTACHMENTS (CONT'D)

Installing And Removing The Attachment (Hydraulic X-Change) (Cont'd)

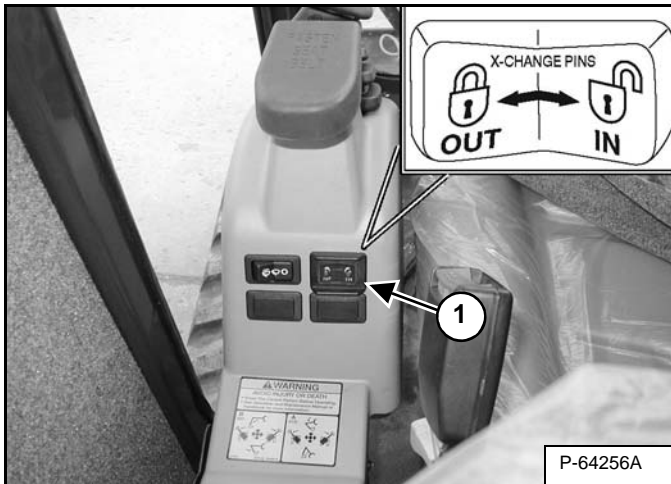
Removal (Cont'd)

Figure OI-80



Install both retainer pins (Item 1) and clips (Item 2) [Figure OI-80] in the storage location.

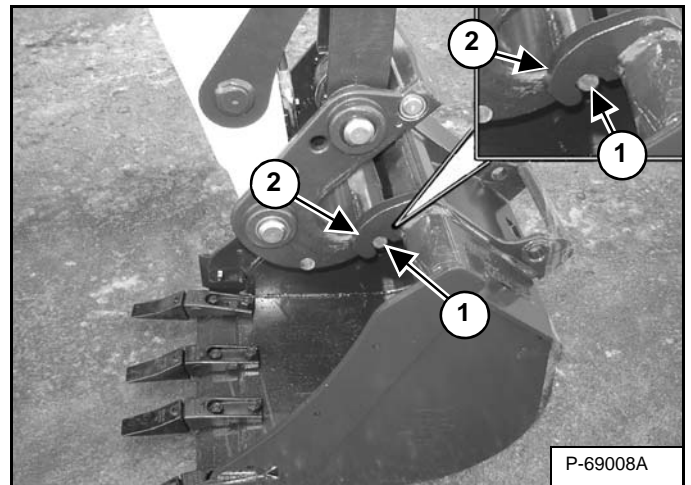
Figure OI-81



Start the engine.

Press and hold the X-Change switch (Item 1) [Figure OI-81] on the left console to the right to **FULLY RETRACT** the hydraulic pins.

Figure OI-82



Raise the boom and retract the bucket cylinder until the X-Change pins (Item 1) engage the attachment hooks (Item 2) [Figure OI-82] on the bucket.

Figure OI-83



Fully retract the bucket cylinder (bucket dump).

Lower the boom and arm until the attachment is on the ground and the X-Change pins are disengaged from the attachment hooks.

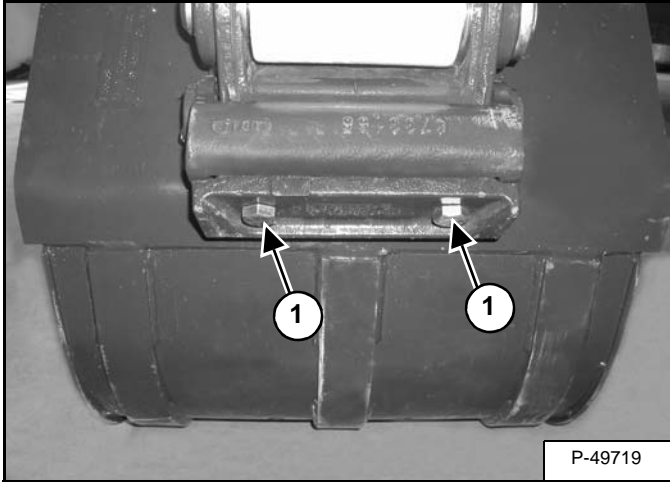
Move the arm toward the excavator until the X-Change pins are clear of the attachment [Figure OI-83].

ATTACHMENTS (CONT'D)

Installing And Removing The Attachment (Bolt-On X-Change) (Cont'd)

Installation (Cont'd)

Figure OI-103



Install the bolts (Item 1) **[Figure OI-103]** through the plate and into the X-Change.

Tighten the bolts to 130 ft.-lb. (177 N•m) torque. Re-torque the bolts after every eight hours of operation.

Check for proper installation.

Lift the attachment and fully extend and retract the bucket cylinder.

WARNING

Keep all bystanders 20 feet (6 m) away from equipment when operating. Contact with moving parts, a trench cave-in or flying objects can cause injury or death.

W-2119-0788

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OPERATING PROCEDURE (CONT'D)

Operating On Slopes

! WARNING

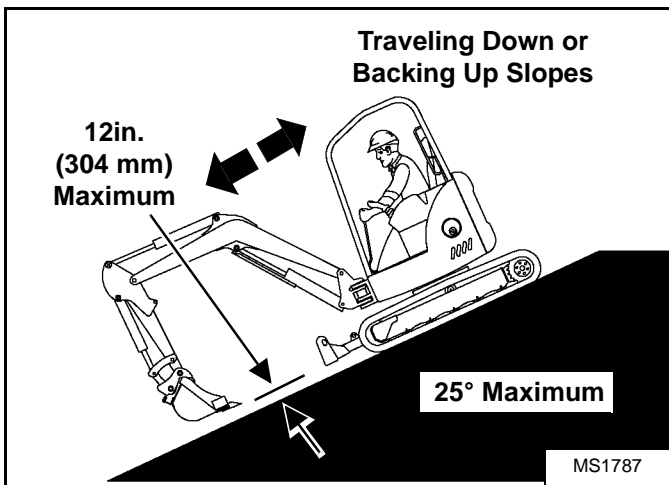
AVOID INJURY OR DEATH

- Do not travel across or up slopes that are over 15 degrees.
- Do not travel down or back up slopes that exceed 25 degrees.
- Look in the direction of travel.

W-2497-0304

When going down a slope, control the speed with the steering levers and the speed control lever.

Figure OI-126



When going down grades that exceed 15 °, put the machine in the position shown, and run the engine slowly [Figure OI-126].

Operate as slow as possible and avoid sudden changes in lever direction.

Avoid traveling over objects such as rocks, trees, stumps, etc.

Stop the machine before moving the upper equipment controls. Never allow the blade to strike a solid object. Damage to the blade or hydraulic cylinder can result.

! WARNING

AVOID INJURY OR DEATH

- Avoid steep areas or banks that could break away.
- Keep boom centered and attachments as low as possible when traveling on slopes or in rough conditions. Look in the direction of travel.
- Always fasten seat belt.

W-2498-0304

Figure OI-127

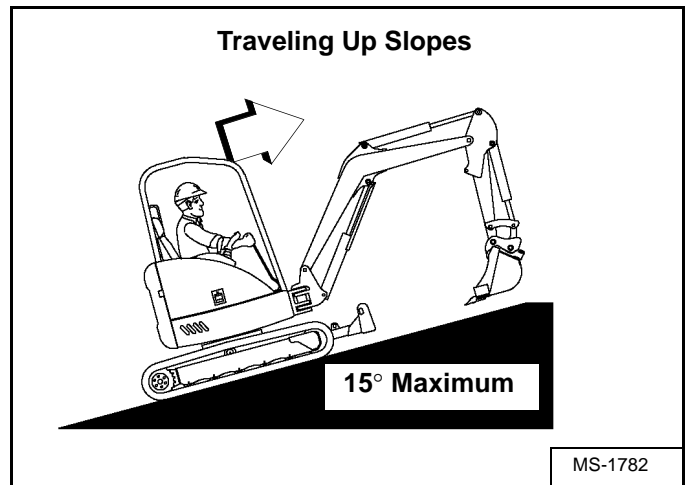
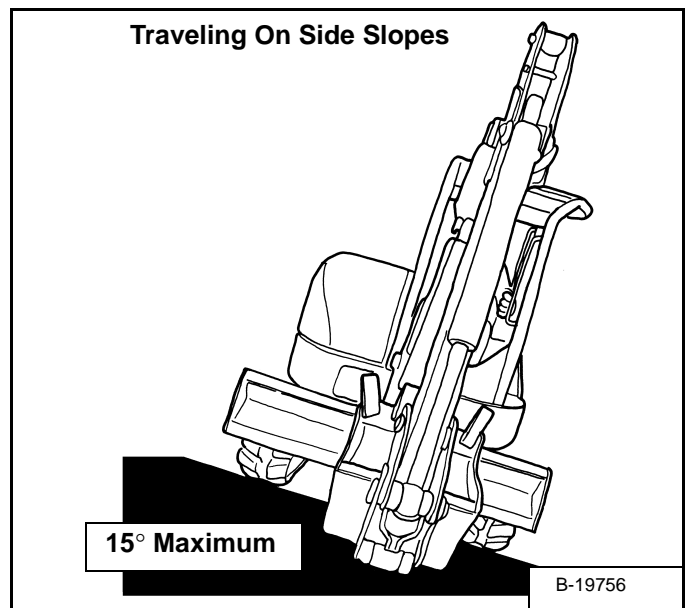


Figure OI-128



When traveling up slopes or on side slopes that are 15 degrees or less, position the machine as shown and run the engine slow [Figure OI-127] and [Figure OI-128].

MAINTENANCE SAFETY



WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0807

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

CORRECT



P-90216

- ⚠ Never service the Bobcat Compact Excavator without instructions.

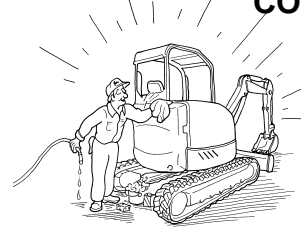
CORRECT



B-19781

- ⚠ Use the correct procedure to lift and support the excavator.
- ⚠ Always lift the blade fully before installing jackstands.

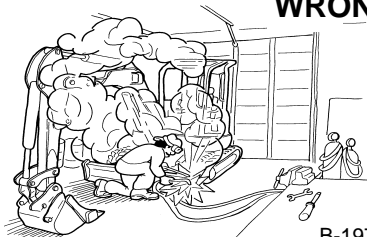
CORRECT



B-19782

- ⚠ Cleaning and maintenance are required daily.

WRONG



B-19790

- ⚠ Have good ventilation when welding or grinding painted parts.
- ⚠ Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.

WRONG



B-19791

- ⚠ Vent exhaust to outside when engine must be run for service.
- ⚠ Exhaust system must be tightly sealed. Exhaust fumes can kill without warning.

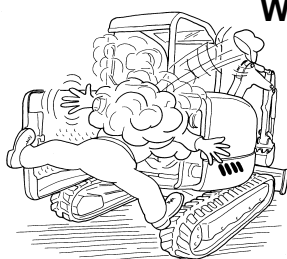
WRONG



B-19789

- ⚠ Always lower the bucket and blade to the ground before doing any maintenance.
- ⚠ Never modify equipment or add attachments not approved by Bobcat Company.

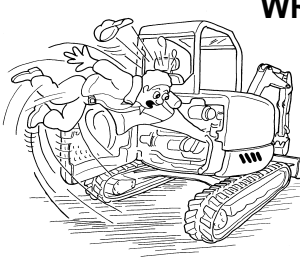
WRONG



B-19788

- ⚠ Stop, cool and clean engine of flammable materials before checking fluids.
- ⚠ Never service or adjust machine with the engine running unless instructed to do so in the manual.
- ⚠ Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate the skin or eyes.
- ⚠ Never fill fuel tank with engine running, while smoking, or when near open flame.

WRONG



B-19787

- ⚠ Keep body, jewelry and clothing away from moving parts, electrical contact, hot parts and exhaust.
- ⚠ Wear eye protection to guard from battery acid, compressed springs, fluids under pressure and flying debris when engines are running or tools are used. Use eye protections approved for type of welding.
- ⚠ Keep tailgate closed except for service. Close and latch tailgate before operating the excavator.

WRONG



B-19798

- ⚠ Lead-acid batteries produce flammable and explosive gases.
- ⚠ Keep arcs, sparks, flames and lighted tobacco away from batteries.
- ⚠ Batteries contain acid which burns eyes or skin on contact. Wear protective clothing. If acid contacts body, flush well with water. For eye contact flush well and get immediate medical attention.

Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are **not** in the Operation & Maintenance Manual must be performed **ONLY BY QUALIFIED BOBCAT SERVICE PERSONNEL**. Always use genuine Bobcat replacement parts. The Service Safety Training Course is available from your Bobcat dealer.

MSW27-0409

AIR CLEANER SERVICE (CONT'D)

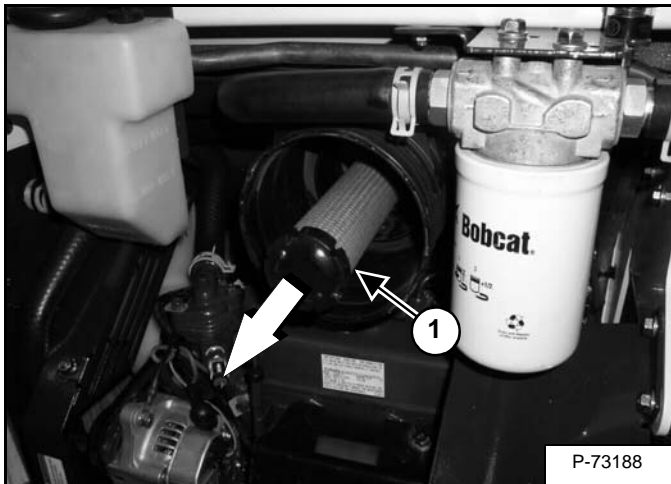
Replacing Filter Elements (Cont'd)

Inner Filter

Only replace the inner filter under the following conditions:

- Replace the inner filter every *third* time the outer filter is replaced.
- After the outer filter has been replaced, press the button (Item 3) **[Figure PM-16]** on the top of the condition indicator and start the engine. Run at full RPM, then reduce engine speed and stop the engine. If the red ring shows in the condition indicator, replace the inner filter.

Figure PM-17



Remove the dust cup, outer filter and inner filter (Item 1) **[Figure PM-17]**.

NOTE: Make sure all sealing surfaces are free of dirt and debris.

Install the new inner filter.

Install the outer filter and the dust cup.

Press the button on the condition indicator to remove the red ring.

ENGINE COOLING SYSTEM (CONT'D)

Removing And Replacing Coolant

See the SERVICE SCHEDULE for correct service intervals. (See SERVICE SCHEDULE on Page PM-5.)

Stop the engine. Open the tailgate

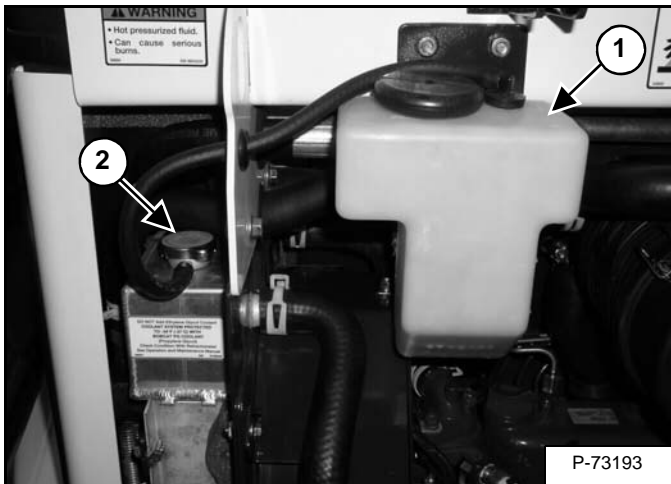


AVOID BURNS

Do not remove radiator cap when the engine is hot.
You can be seriously burned.

W-2070-1203

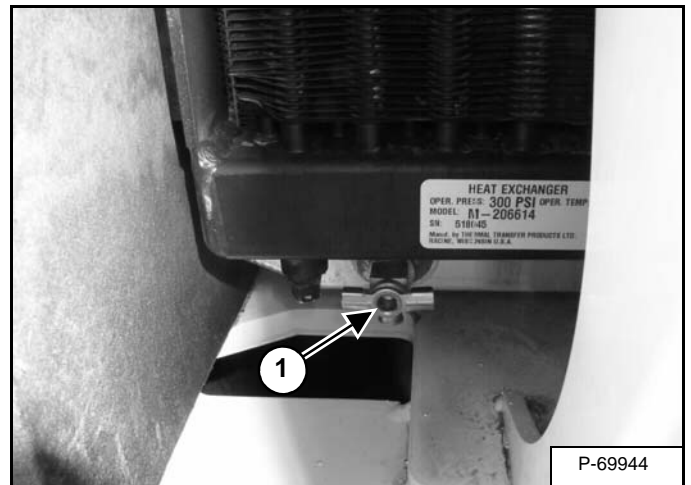
Figure PM-37



When the engine is cool, remove the coolant from the recovery tank (Item 1) [Figure PM-37].

When the engine is cool, loosen and remove the radiator cap (Item 2) [Figure PM-37].

Figure PM-38



Put a hose on the drain valve at the bottom of the radiator. Open the drain valve (Item 1) [Figure PM-38] and drain the coolant into a container.

After all the coolant is removed, close the drain valve.

Recycle or dispose of the used coolant in an environmentally safe manner.

Mix the coolant in a separate container for correct capacity. (See Capacities on Page SPEC-8.)

NOTE: The cooling system is factory filled with propylene glycol (purple color). DO NOT mix propylene glycol with ethylene glycol.

Add premixed coolant; 47% water and 53% propylene glycol to the radiator and recovery tank.

One gallon and one pint of propylene glycol mixed with one gallon of water is the correct mixture of coolant to provide a -34°F (-37°C) freeze protection.

Use a refractometer to check the condition of propylene glycol in your cooling system. Install the radiator cap. Be sure the radiator cap is tight.

Run the engine until it is at operating temperature. Stop the engine.

Add coolant to the recovery tank as needed.

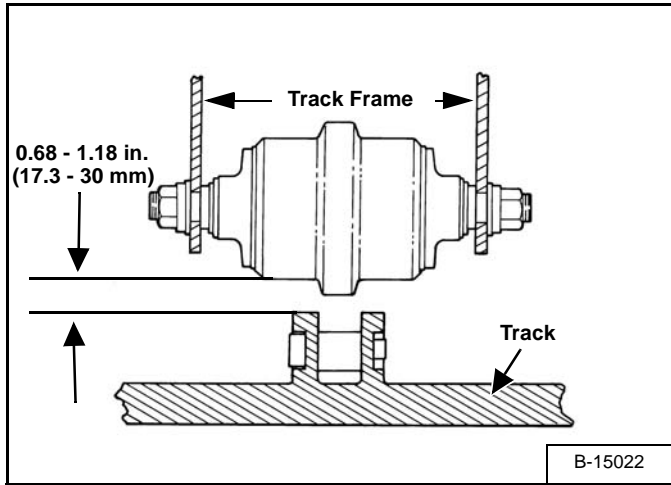
Close the tailgate.

TRACK TENSION (CONT'D)

Adjusting (Cont'd)

Steel Track Clearance

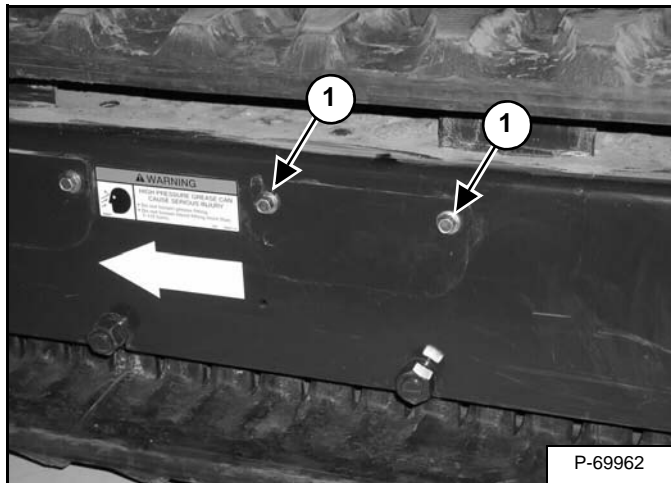
Figure PM-56



Measure the track clearance at the middle track roller. Do not get fingers into pinch points between the track and the track roller. Use a bolt or dowel of the appropriate size to check the gap between the contact edge of the roller and the top edge of the track guide [Figure PM-56].

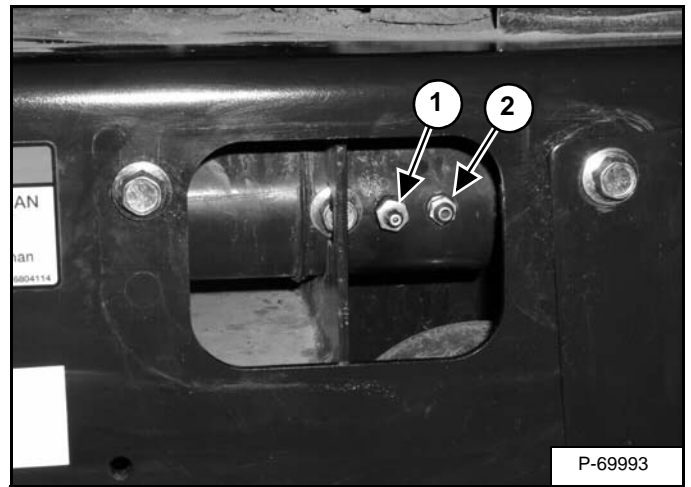
Steel Track Clearance - 0.680 - 1.180 in. (17,3 - 30 mm)

Figure PM-57



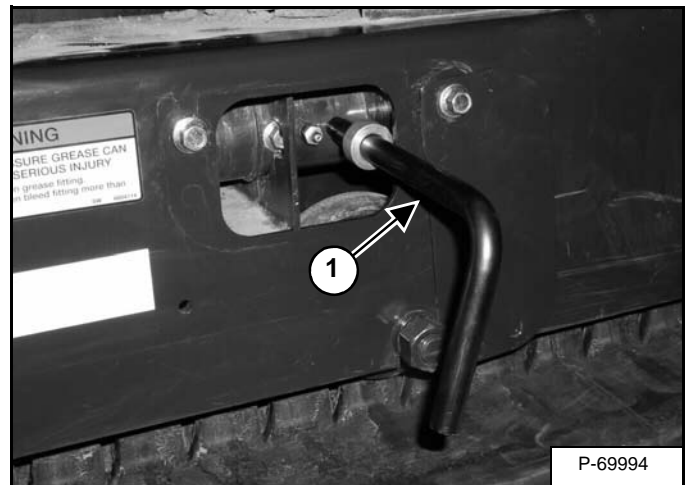
Loosen the two bolts from the cover (Item 1) [Figure PM-57]. Pivot the cover downward.

Figure PM-58



Add grease to the fitting (Item 1) [Figure PM-58] until the track tension is correct.

Figure PM-59



Use tool MEL1560 (Item 1) [Figure PM-59] to loosen the bleed fitting (Item 2) [Figure PM-58] to release tension from the track.

NOTE: Do not loosen the grease fitting (Item 1) [Figure PM-58].

Repeat the procedure for the other side.

WARNING

HIGH PRESSURE GREASE CAN CAUSE SERIOUS INJURY

- Do not loosen grease fitting.
- Do not loosen bleed fitting more than 1 - 1/2 turns.

W-2781-0109

SYSTEM SETUP AND ANALYSIS



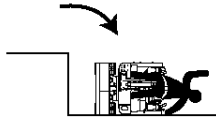




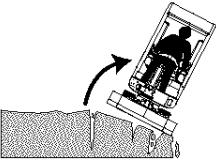

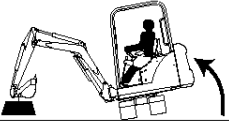

DIAGNOSTIC SERVICE CODE	SA-3
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Viewing Service Codes (Key Switch)	SA-6
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Reset	SA-7
Setup	SA-7

**SYSTEM SETUP
& ANALYSIS
(SA)**

WARNING	
Improper loading, transporting and lifting procedures can cause serious injury or death.	
<p style="text-align: center;">TRANSPORTING MACHINE</p> <ul style="list-style-type: none"> • Use metal loading ramps with sides and slip resistant surfaces. • Secure ramps to truck bed. • Engage truck parking brake and block truck tires. • Ramp angle must not exceed 15°. • Top of ramp must be level with truck bed. • Engage swing lock (if equipped). • Secure machine with tie downs and block tracks. <div style="text-align: right;">  <p>15° Max.</p> </div>	<p style="text-align: center;">LIFTING MACHINE</p> <ul style="list-style-type: none"> • Lifting device must have adequate capacity to lift machine. • Maintain center of gravity and balance. • Position machine as shown below. Engage the swing lock (if equipped). • Never lift with operator on machine. <div style="text-align: right;">  <p>Blade Up</p> </div>

ADVERTENCIA	
Ejecutar procedimientos de carga, transporte y elevación no adecuados puede causar lesiones serias o accidentes fatales.	
<p style="text-align: center;">TRANSPORTE DE LA MÁQUINA</p> <ul style="list-style-type: none"> • Utilice rampas de carga metálicas con costados y superficies antideslizantes. • Asegure las rampas a la plataforma de apoyo del camión. • Enganche el freno de estacionamiento del camión y bloquee los neumáticos del mismo. • El ángulo de la rampa no debe exceder los 15°. • La parte superior de la rampa debe estar nivelada con la plataforma de apoyo del camión. • Enganche el seguro de giro (si viene equipado). • Asegure la máquina con amarres y bloquee las orugas. <div style="text-align: right;">  <p>15° Max.</p> </div>	<p style="text-align: center;">ELEVACIÓN DE LA MÁQUINA</p> <ul style="list-style-type: none"> • El dispositivo de elevación debe tener la capacidad adecuada para elevar la máquina. • Mantenga el centro de gravedad y balance. • Posicione la máquina como se muestra. • Enganche el seguro de giro (si viene equipado). • Jamás eleve con un operador en la máquina. <div style="text-align: right;">  <p>Cuchilla arriba</p> </div>

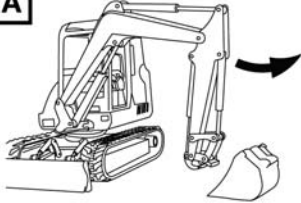
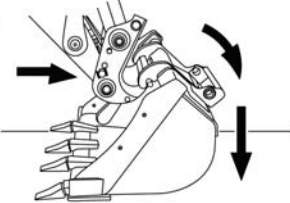
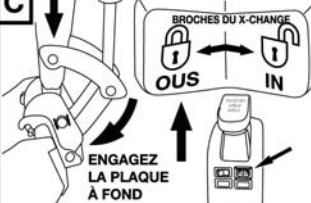
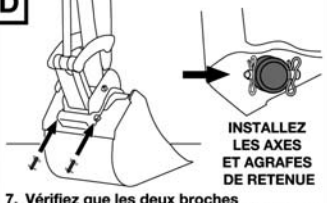
AVERTISSEMENT	
Le non respect des procédures de chargement, de transport et de levage peut causer des blessures graves, voire mortelles.	
<p style="text-align: center;">TRANSPORT DE LA MACHINE</p> <p>Utilisez des rampes en acier avec rebords et revêtements anti-dérapants. Attachez les rampes au plancher de la remorque. Serrez le frein de stationnement et bloquez les roues du camion. L'inclinaison de la rampe ne doit pas dépasser 15°. L'extrémité de la rampe doit se trouver dans l'alignement du plancher de la remorque. Engagez l'axe de verrouillage de l'orientation. Attachez la machine avec des chaînes et bloquez les chenilles.</p> <div style="text-align: right;">  <p>15° Max.</p> </div>	<p style="text-align: center;">LEVAGE DE LA MACHINE</p> <ul style="list-style-type: none"> • Le dispositif de levage doit être capable de supporter le poids de la machine. • Maintenez le centre de gravité et l'équilibre pendant l'opération. • Positionnez la machine comme indiqué. Engagez l'axe de verrouillage de l'orientation. • Ne levez jamais la pelle quand l'opérateur s'y trouve. <div style="text-align: right;">  <p>Lame relevée</p> </div>

 WARNING AVOID INJURY OR DEATH				
				TO LEAVE THE EXCAVATOR: 1 
<p>Never use Excavator without instructions.</p> <p>Read Operation and Maintenance Manual and Handbook.</p>	<p>Always use cab/canopy.</p> <p>Never modify equipment or use attachments not approved by Bobcat Company.</p>	<p>Check for overhead or underground lines before operating.</p>	<p>On slopes, keep heavy end uphill.</p> <p>Do not travel or turn with attachment extended.</p>	<p>Lower attachment.</p> <p>Never park with tracks pointed down hill.</p>
				2 
<p>Fasten seat belt securely. Keep feet and hands on controls. Operate controls only from operator's position.</p> <p>42088</p>	<p>Keep away from drop-offs. Avoid steep areas or banks that could break away.</p>	<p>Keep bystanders away. No riders. Check location of blade for direction of travel before moving steering controls.</p>	<p>When swinging loads:</p> <ul style="list-style-type: none"> ● Keep load low. ● Swing slowly. ● Do not exceed lift capacity. Read lift capacity chart. 	<p>Stop the engine. Raise control console.</p>
				<p>Weitere instruktionen finden sie in der Bedienungsanleitung.</p> <p>Consulte el Manual del Operador par mas instrucciones.</p> <p>Se reporter au manual de l'opérateur pour plus de renseignements.</p> <p style="text-align: right;">SW 01 6807776</p>


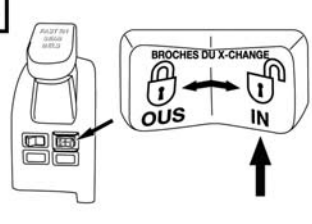
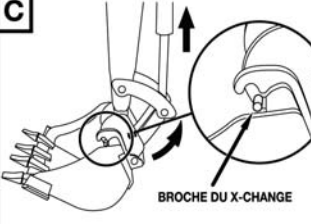
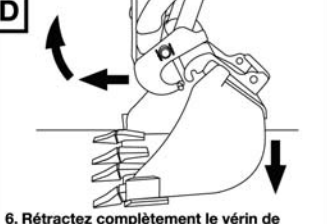
 ADVERTENCIA EVITE LESIONES OR ACCIDENTES FATALES				
				ANTES DE BAJARSE DE LA EXCAVADORA: 1 
<p>Jamás utilice la Excavadora sin leer las instrucciones previamente.</p> <p>Lea el Manual de operación y mantenimiento y el Manual del Operador.</p>	<p>Utilice siempre la cabina/ cubierta. Jamás modifique los equipos o utilice implementos no aprobados por Bobcat Company.</p>	<p>Verifique la presencia de líneas aéreas y subterráneas antes de operar.</p>	<p>En pendiente, mantenga el extremo pesado cuesta arriba.</p>	<p>Bajo el implemento. Jamás estacione la unidad con las orugas mirando cuesta abajo.</p>
				2 
<p>Abóchese el cinturón de seguridad con firmeza. Mantenga los pies y las manos en los controles. Opere los controles solamente desde el asiento del operador.</p> <p>42088</p>	<p>Manténgase alejado de pendientes perpendiculares. Evite áreas muy inclinadas o bancos desprendibles.</p>	<p>Mantenga a los espectadores alejados. No lleve pasajeros. Revise la ubicación de la cuchilla para la dirección del desplazamiento antes de mover los controles de dirección.</p>	<p>Cuando gire cargas:</p> <ul style="list-style-type: none"> ● Mantenga la carga abajo. ● Gire lentamente. ● No exceda la capacidad de elevación. Lea la tabla de capacidad de elevación. 	<p>Detenga el motor. Levante la consola de control.</p>
				<p>Weitere instruktionen finden sie in der Bedienungsanleitung.</p> <p>Consulte el Manual del operador para obtener mayores instrucciones.</p> <p>Se reporter au manual de l'opérateur pour plus de renseignements.</p> <p style="text-align: right;">SW 01 6807776 AR</p>

SYSTÈME X-CHANGE® HYDRAULIQUE

INSTALLATION DE L'ACCESSOIRE

<p>A</p>  <ol style="list-style-type: none"> 1. Démarrez le moteur. Déportez le balancier de la pelle complètement sur la gauche. 2. Poussez et maintenez le contacteur X-Change (sur la console gauche) vers la droite pour rétracter complètement les broches hydrauliques. 	<p>B</p>  <ol style="list-style-type: none"> 3. Déplacez le balancier vers l'accessoire et relevez la flèche jusqu'à ce que les broches du X-Change s'engagent dans les crochets de l'accessoire. 4. Relevez la flèche et étendez le vérin de godet (fermeture du godet) jusqu'à ce que le X-Change entre en contact avec l'arrière de l'accessoire. 	<p>C</p>  <p style="text-align: center;">BROCHES DU X-CHANGE OUS IN</p> <p style="text-align: center;">↑</p> <p style="text-align: center;">ENGAGEZ LA PLAQUE À FOND</p> <ol style="list-style-type: none"> 5. Avec le balancier en position verticale, abaissez la flèche jusqu'à ce que les crochets de l'accessoire se dégagent des broches du X-Change et que la plaque s'insère complètement dans la traverse de l'accessoire. 6. Poussez et maintenez le contacteur X-Change vers la gauche et ÉTENDEZ COMPLÈTEMENT les broches hydrauliques. 	<p>D</p>  <p style="text-align: right;">INSTALLER LES AXES ET AGRAFES DE RETENUE</p> <ol style="list-style-type: none"> 7. Vérifiez que les deux broches hydrauliques sont engagées à fond pour la bonne fixation de l'accessoire. 8. ARRÊTEZ LE MOTEUR. INSTALLEZ LES DEUX AXES ET AGRAFES DE RETENUE DANS CHAQUE BROCHE HYDRAULIQUE. <p style="text-align: right;">NE JAMAIS UTILISER SI LES AXES ET AGRAFES DE VERROUILLAGE NE SONT PAS INSTALLÉS. UTILISEZ UNIQUEMENT DES AXES ET DES AGRAFES APPROUVÉS.</p>
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DÉPOSE DE L'ACCESSOIRE

<p>A</p> <p style="text-align: center;">RANGÉES LES AXES ET LES AGRAFES ICI</p>  <p style="text-align: right;">DÉPOSEZ LES AXES ET LES AGRAFES DE RETENUE</p> <ol style="list-style-type: none"> 1. Abaissez l'accessoire sur le sol. Arrêtez le moteur. 2. Retirez les deux axes et agrafes de retenue de chaque broche hydraulique et placez-les dans leur rangement. 3. PLACEZ LES AXES ET AGRAFES DE RETENUE DANS LEUR RANGEMENT SUR LE X-CHANGE. 	<p>B</p>  <p style="text-align: center;">BROCHES DU X-CHANGE OUS IN</p> <p style="text-align: center;">↑</p> <ol style="list-style-type: none"> 4. Démarrez le moteur. Poussez et maintenez le contacteur X-Change (sur la console gauche) vers la droite pour RÉTRACTER COMPLÈTEMENT les broches hydrauliques. 	<p>C</p>  <p style="text-align: center;">BROCHE DU X-CHANGE</p> <ol style="list-style-type: none"> 5. Relevez la flèche et rétractez le vérin de godet jusqu'à ce que les broches du X-Change s'engagent dans les crochets de l'accessoire. 	<p>D</p>  <ol style="list-style-type: none"> 6. Rétractez complètement le vérin de godet (ouverture du godet). Abaissez la flèche et le balancier jusqu'à ce que l'accessoire soit sur le sol et que les broches du X-Change se dégagent des crochets de l'accessoire. 7. Déplacez le balancier vers la pelle rétro jusqu'à ce que les broches du X-Change soient dégagées de l'accessoire.
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