

**SAFETY.CAT.COM™**

# **MAINTENANCE INTERVALS**

Operation and Maintenance  
Manual Excerpt



# Operation and Maintenance Manual

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## **216B, 226B, 232B, 236B, 242B, 246B, 248B, 252B, 262B and 268B Skid Steer Loaders**

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RLL1-6799 ( 216B Machine)  
MJH1-10574 ( 226B Machine)  
SCH1-2474 ( 232B Machine)  
HEN1-6749 ( 236B Machine)  
BXM1-4224 ( 242B Machine)  
SCL1-Up ( 248B Machine)  
PAT1-Up ( 246B Machine)  
PDT1-Up ( 252B Machine)  
SCP1-4599 ( 262B Machine)  
LBA1-Up ( 268B Machine)

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## Maintenance Interval Schedule

**SMCS Code:** 7000

**S/N:** LBA1-Up

**S/N:** SCL1-Up

**S/N:** HEN1-6749

**S/N:** SCP1-4599

**S/N:** PAT1-Up

**S/N:** PDT1-Up

### When Required

Battery - Recycle .....	111
Battery or Battery Cable - Inspect/Replace .....	111
Blade Frame - Adjust .....	112
Bucket Cutting Edges - Inspect/Replace .....	113
Bucket Tips - Inspect/Replace .....	113
Cab Air Filter - Clean/Replace .....	114
Circuit Breakers and Fuses - Reset/Replace .....	114
Engine Air Filter Primary Element - Clean/ Replace .....	123
Engine Air Filter Secondary Element - Replace ..	124
Fuel System Priming Pump - Operate .....	133
Fuel Tank Cap - Clean .....	133
Fuel Tank Water and Sediment - Drain .....	134
Lower Machine Frame - Clean .....	137
Oil Filter - Inspect .....	138
Tire Segment - Replace .....	143
Window Washer Reservoir - Fill .....	143
Window Wiper - Inspect/Replace .....	144
Windows - Clean .....	144

### Every 10 Service Hours or Daily

Backup Alarm - Test .....	111
Cooling System Level - Check .....	119
Engine Oil Level - Check .....	126
Fuel System Primary Filter (Water Separator) - Drain .....	131
Hydraulic System Oil Level - Check .....	137
Lift Arm and Cylinder Linkage - Lubricate .....	137
Quick Coupler - Inspect .....	138
Radiator Core - Clean .....	139
Seat Belt - Inspect .....	140
Tilt Cylinder Bearings and Bucket Linkage Bearings - Lubricate .....	141
Tire Inflation - Check .....	142
Wheel Nuts - Tighten .....	143
Work Tool - Lubricate .....	144
Work Tool Mounting Bracket - Inspect .....	147

### Every 250 Service Hours

Engine Oil Sample - Obtain .....	127
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### Every 250 Service Hours or Monthly

Belts - Inspect/Adjust/Replace .....	111
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### Every 500 Service Hours

Hydraulic Oil Sample - Obtain .....	134
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### Every 500 Service Hours or 3 Months

Drive Chain Tension - Check/Adjust .....	121
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### Every 500 Service Hours or 6 Months

Fuel System Primary Filter (Water Separator) Element - Replace .....	132
Hydraulic System Oil Filter - Replace .....	136

### Every 500 Service Hours or 1 Year

Engine Oil and Filter - Change .....	129
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### Every 1000 Service Hours

Engine Valve Lash - Check .....	131
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### Every 1000 Service Hours or 6 Months

Drive Chain Case Oil - Change .....	121
Rollover Protective Structure (ROPS) and Falling Object Protective Structure (FOPS) - Inspect ...	140

### Every 2000 Service Hours

Refrigerant Dryer - Replace .....	139
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### Every 2000 Service Hours or 1 Year

Fuel Injection Timing - Check .....	131
Hydraulic System Oil - Change .....	134

### Every 3000 Service Hours or 2 Years

Cooling System Water Temperature Regulator - Replace .....	120
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### Every 3 Years After Date of Installation or Every 5 Years After Date of Manufacture

Seat Belt - Replace .....	141
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### Every 5000 Service Hours

Engine Crankcase Breather (Closed Circuit) - Replace .....	125
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### Every 6000 Service Hours or 3 Years

Cooling System Coolant Extender (ELC) - Add ...	118
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### Every 12 000 Service Hours or 6 Years

Cooling System Coolant (ELC) - Change .....	116
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## Backup Alarm - Test

**SMCS Code:** 7406-081

To prevent injury, make sure that no people are working on the machine or near the machine. To prevent injury, keep the machine under control at all times.

1. Get into the operator's seat. Fasten the seat belt and pull the armrest downward.
2. Start the engine.
3. Disengage the parking brake.
4. Move the speed/direction control lever to the REVERSE position.

The backup alarm (if equipped) should sound immediately. The backup alarm should continue to sound until the speed/direction control lever is returned to the HOLD position or to the FORWARD position.

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## Battery - Recycle

**SMCS Code:** 1401-561

Always recycle a battery. Never discard a battery.

Always return used batteries to one of the following locations:

- A battery supplier
- An authorized battery collection facility
- Recycling facility

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## Battery or Battery Cable - Inspect/Replace

**SMCS Code:** 1401-040; 1401-510; 1401-561; 1402-040; 1402-510

1. Turn the engine start switch to the OFF position. Turn all switches to the OFF position.
2. Disconnect the negative battery cable from the starter.

**Note:** Do not allow the disconnected battery cable to contact the frame of the machine.

3. Disconnect the negative battery cable at the battery.
4. Perform the necessary repairs. Replace the cable or the battery, as needed.
5. Connect the negative battery cable at the battery.
6. Connect the battery cable to the starter of the machine.
7. Install the engine start switch key.

Repeat the process for the positive battery cable.

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## Belts - Inspect/Adjust/Replace

**SMCS Code:** 1357-025; 1357-040; 1357-510

If a new belt is installed, check the belt adjustment after 30 minutes of operation. A belt is considered to be used after 30 minutes of operation.

1. Stop the engine in order to inspect the belt.
2. Open the engine access door. Refer to Operation and Maintenance Manual, "Access Doors and Covers".

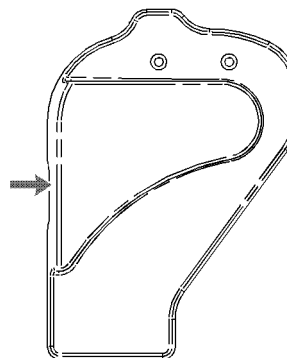


Illustration 98

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3. Remove the guard for the V-belt.