

ASSESSMENT

Skidsteer Loaders and Compact Equipment



NAME: _____

DATE: _____

1. The skid steer's hydraulic power lockout bar:
 - a. Empowers the machine's hydraulics when it is lowered
 - b. Disables the machine's hydraulics when it is lowered
 - c. Can be adjusted to limit hydraulic pressure and save fuel

2. The plow's trip edge:
 - a. Protects the driver from falling when mounting or dismounting the skid steer
 - b. Locks to prevent the skid steer rolling backwards on an incline
 - c. Absorbs impact with fixed objects as a safety mechanism

3. Buckets are particularly useful for:
 - a. Pushing snow
 - b. Back dragging
 - c. Piling snow

4. Most actuators are designed to "break away," which means they:
 - a. Are fragile and frequently need to be replaced
 - b. Give way when they hit a fixed object, reducing damage to the wings and plow components
 - c. Can be fully detached for single-row plowing in tight spaces

5. One way to make sure a plow is properly attached to a skid steer is to:
 - a. Do a gentle rolling glide into a snow bank and make sure it doesn't tilt
 - b. Adjust the wings backwards all the way – the wings can't go all the way back if the plow isn't mounted properly
 - c. Carefully raise the bucket slightly off the ground and tilt it forward

6. The bucket leveling feature on some skid steers:
 - a. Keeps the bucket level when curling and dumping snow to avoid spills
 - b. Automatically adjusts bucket height when you're plowing on an incline to avoid rolling over
 - c. Indicates when a bucket has reached its full weight capacity to reduce pressure on hydraulic arm lifters

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7. It's important to level the box plow:
 - a. After plowing to make sure it's ready for the next job
 - b. On regular intervals – typically monthly – as part of regular maintenance
 - c. Before starting the run to be sure snow doesn't escape beneath the plow

8. In most cases with box and wing plows, you'll use the:
 - a. Side angle position
 - b. Bucket level position
 - c. Float position

9. A circle check should be performed:
 - a. Once before the start of each plowing season
 - b. Before every shift
 - c. Monthly or weekly depending on snow accumulation

10. It's not wise to plow with a bucket because:
 - a. Buckets are usually too heavy to secure with chains
 - b. Buckets don't have trip edges, making impact extremely dangerous
 - c. Buckets tend to shift if the locking bar isn't set properly, which is difficult in heavy snow

11. One often overlooked plowing hazard is:
 - a. Chunks of ice and snow that roll off the top of an overloaded bucket and fall on the cab
 - b. Chunks of ice and snow that get trapped under the plow and cause impact damage
 - c. Chunks of ice and snow that melt during spring run-off and flood engine components

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ANSWER KEY:

1. Answer is A: Empowers the machine's hydraulics when it is lowered
2. Answer is C: Absorbs impact with fixed objects as a safety mechanism
3. Answer is C: Piling Snow
4. Answer is B: Give way when they hit a fixed object, reducing damage to the wings and plow components
5. Answer is C: Carefully raise the bucket slightly off the ground and tilt it forward
6. Answer is A: Keeps the bucket level when curling and dumping snow to avoid spills
7. Answer is C: Before starting the run to be sure snow doesn't escape beneath the plow
8. Answer is C: Float position
9. Answer is B: Before every shift
10. Answer is B: Buckets don't have trip edges, making impact extremely dangerous
11. Answer is A: Chunks of ice and snow that roll off the top of an overloaded bucket and fall on the cab