

CHAPTER 25 Sliding Compound Miter Saw

Matching

Directions: Identify the parts of the compound miter saw shown in Fig. 25-1. On the line next to the name of each part, write the letter from the illustration that shows the part.

- _____ 1. miter gauge
- _____ 2. turntable
- _____ 3. dust bag
- _____ 4. miter lock handle
- _____ 5. bevel gauge
- _____ 6. saw guard
- _____ 7. stock clamp
- _____ 8. fence



Fig. 25-1

Completion

Directions: On the line to the left of each sentence, write the word or phrase that correctly completes the sentence or answers the question.

- _____ 9. The bevel angle on a sliding compound miter saw can be set at any angle from 0 to ___ degrees.
- _____ 10. To set the angle of a miter, position the ___ according to a scale.
- _____ 11. The plastic or fiberboard piece located in the center of the turntable that minimizes the gap between the side of the blade and the turntable is a(n) ___. (two words)
- _____ 12. To operate a sliding compound miter saw, you must press both the ___ button and the power switch.
- _____ 13. Workpieces should be tightly secured using the ___ clamps that come with the saw.
- _____ 14. A cut that includes both a bevel and a miter is said to be cut at a(n) ___ angle.

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_____ 15. To make a straight crosscut, both scales on the sliding compound miter saw should be set at ___ degrees.

True or False

Directions: Read each statement carefully. If the statement is true, write **True** in the blank to the left of that numbered item. If the statement is false, write **False** in the blank.

- _____ 16. Unlike the compound miter saw, the sliding compound miter saw can be used for ripping stock.
- _____ 17. The saw head assembly on a sliding compound miter saw is mounted on top- or bottom-mounted slide rails, or rods.
- _____ 18. When making a slide cut, pull the saw toward you in the same way you would a radial-arm saw.
- _____ 19. The purpose of the kerf board is to reduce tearout on the workpiece.
- _____ 20. It is necessary to hold the workpiece by hand while cutting a miter because clamps would get in the way of the cut.
- _____ 21. The capacity to make consistent repetitive cuts is considered one of the true strengths of the sliding compound miter saw.
- _____ 22. The sliding compound miter saw is often compared to the radial-arm saw because it can do many of the same tasks.
- _____ 23. On a sliding compound miter saw, the motion of the saw, not the settings, determines the angles of the cuts.
- _____ 24. The faster you cut with a sliding compound miter saw, the smoother the cut will be.
- _____ 25. When you finish a cut, you should release the power switch and allow the blade to coast to a full stop before lifting the saw.

Completion

Directions: On the line to the left of the sentence or answer, write the word or words that complete the sentence.

- _____
- _____
- _____
- _____
- _____ 1.
- _____ 15.