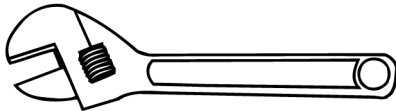


Using Wrenches

Wrenches are turning tools. Turning tools are used to turn fasteners such as screws, nuts, and bolts.

- Use the right wrench for the job:
 - ▶ Crescent/adjustable wrench—use to apply force in one direction



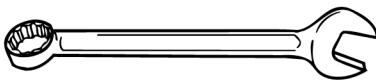
- ▶ Open-end wrench—use where you have room for movement



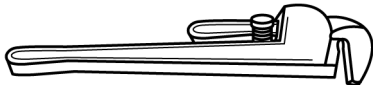
- ▶ Box-end wrench—use where you have limited room for movement



- ▶ Combination wrench—use when you need an open-end or box-end wrench



- ▶ Pipe wrench—use to work with pipes and rods



- ▶ Socket wrench—use when the fastener is recessed or hard to reach



- Make sure the wrench fits tightly on the nut or bolt.

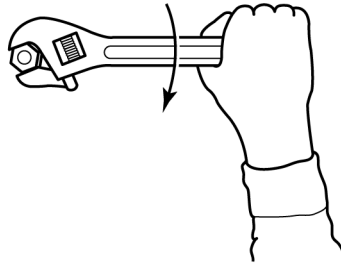
✓ **NOTE:** Make sure the wrench fits the fastener.

- Do not use an “extender” on the handle of any wrench.

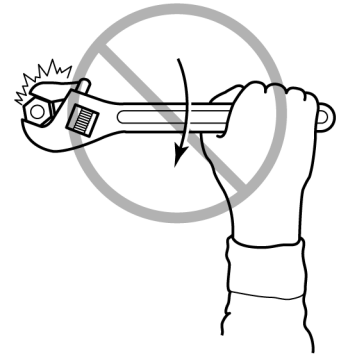


CAUTION: You could injure yourself, damage equipment, or break the wrench if the extender slips.

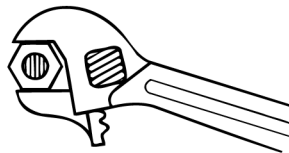
- With crescent/adjustable wrenches, apply force on the fixed jaw—not on the adjustable (weaker) jaw.



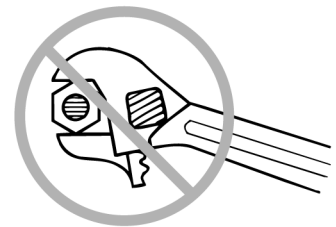
Right



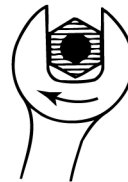
Wrong



Right



Wrong



Right



Wrong