



# CONDUIT BENDING CHALLENGE 2

## Tool & Supplies List

- (1) 80" or more of 1/2" EMT Conduit
- (1) Conduit Reamer or Linesman Plier
- (1) 1/2" EMT Conduit Bender
- (1) Pencil
- (1) Hacksaw
- (1) Tape Measure

## Contest Instructions

1. Before starting your video recording, set up your work area per diagram A arranged on the floor. Use of tables, ladders, benches or the like are not allowed.
2. Start the video recording.
3. Measure and cut conduit at 40" (use bender as vice).
4. Ream conduit. If using the IDEAL® Linesman Plier, the conduit must be reamed on the inside and the outside.
5. Mark 6" from end of conduit then bend 4" center-to-center offset using 30° bends. Any reference point on the bender is permitted for the placement of the bends.
6. Confirm 4" offset with two measurements: (1) Close to first bend and (2) At the end of conduit (Dia. B).
7. Stop video recording.
8. Submit your video.
  - Upload your video to [WeTransfer](https://www.wetransfer.com/), [YouTube](https://www.youtube.com/) or [Vimeo](https://www.vimeo.com/) and set to public. Copy the video URL and paste into the submission form on: <https://idealnationals.com/content/idealnationals/en/wired-to-win.html>



## FAQs

### Who can record your challenge?

You or a friend may record your attempt with any mobile device.

### How is my challenge timed?

Start your recording immediately before you begin the challenge. Stop the recording immediately after completing the work. The video time stamp will count as your official time.

### What do I do with my tools?

Supplies and tools must be laying on the surface before starting the video and your hands must be empty. Failing to do so will result in disqualification.

### How many times can I complete the challenge?

As many times as you would like, however, only 1 submission per person will be judged for each challenge.

### How and when will I be scored?

See reverse side for scoring criteria. The 5 lowest video times after scoring deductions will be declared the winners. Winners will be selected from student and professional categories and notified via email and posted on [idealnationals.com/wired-to-win](https://idealnationals.com/wired-to-win).

### Who can I contact with questions?

Send your question(s) to [nationals@idealindustries.com](mailto:nationals@idealindustries.com).



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Your total score is determined by a combination of your actual work time (video start to video finish) minus credits for completing the below steps correctly. When done correctly, each of these are removed from your actual work time lowering your overall time to complete the challenge. Zero seconds will be deducted from submitted video time for any steps completed incorrectly. For example, if your offset is opened, NO deduction from your total score/video time will be recorded.

## Scoring (Time - Criteria Total):

Your submitted video time	
Wearing safety Glasses and bender used as vice	-10 seconds
Conduit is marked 6" from end	-10 seconds
4" offset is confirmed with two measurements (offset is not opened or closed)	-10 seconds
No doglegs	-10 seconds
IDEAL® Bender used	-5 seconds
Total Score	

## Scoring Example:

Your submitted video time	2:00
Wearing safety Glasses and bender used as vice	-10 seconds
Conduit is marked 6" from end	-10 seconds
4" offset is confirmed with two measurements (offset is not opened or closed)	-10 seconds
No doglegs	-10 seconds
IDEAL® Bender used	-5 seconds
Total Score	1:15