



# Pit Stop Challenge

## Replacement Parts List



Canvas	\$450
Case	\$140
Elbow fitting	\$10
Four-way fitting	\$15
Cross fitting	\$15
Tee fitting	\$15
Framework	\$300
“A” Pipes (44.5”)	\$8
“B” Pipes (41.5”)	\$8
“C” Pipes (36”)	\$8
“D” Pipes (23.25”)	\$8
“E” Pipes (16.5”)	\$8
Stakes (set of 4)	\$5
Tire	\$55
Hub	\$18
Lug Nuts	\$.75
Studs	\$1
Goggles	\$7
Air Compressor	\$250
Air Hoses	\$18
Air Impact Wrench	\$69
Air Fitting (Male)	\$3
Quick-Connect Air Fitting (Female)	\$7
Tee Air Fitting	\$4
Stop Watch	\$10
Roll of Teflon Tape	\$2
Sound Effects CD	\$8

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### TWISTER DISPLAY

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# Pit Stop Challenge

## Parts List



### 1 Wheel

- 7 “A” Pipes (44.5”)
- 4 “B” Pipes (41.5”)
- 4 “C” Pipes w/rubber tips (36”)
- 1 “D” Pipes (23.25”)
- 1 “E” Pipes (16.5”)
- 2 Elbow Fittings
- 2 Four-Way Fittings
- 2 Tee Fittings
- 1 Cross Fittings
- 2 Hubs
- 1 Vinyl Canvas
- 2 Tires
- 6 Lug Nuts
- 6 Studs
- 1 Goggle
- 1 Air Compressor
- 1 Air Hose
- 1 Air Impact Wrench
- 1 3/4<sup>th</sup> (3/8th Drive) Deep Well Socket
- 1 Air Fitting (Male)
- 2 Quick-Connect Air Fittings (Female)
- 1 Stop Watch
- 1 Air Tool Oil
- 1 CD of Sound Effects
- 4 Stakes

### 2 Wheel

- 8 “A” Pipes (44.5”)
- 4 “B” Pipes (41.5”)
- 4 “C” Pipes w/rubber tips (36”)
- 2 “D” Pipes (23.25”)
- 2 “E” Pipes (16.5”)
- 2 Elbow Fittings
- 2 Four-Way Fittings
- 4 Tee Fittings
- 2 Cross Fittings
- 3 Hubs
- 1 Vinyl Canvas
- 4 Tires
- 12 Lug Nuts
- 12 Studs
- 2 Goggles
- 1 Air Compressor
- 2 Air Hoses
- 2 Air Impact Wrenches
- 2 3/4<sup>th</sup> (3/8th Drive) Deep Well Sockets
- 2 Air Fitting (Male)
- 4 Quick-Connect Air Fittings (Female)
- 1 Tee Air Fitting
- 1 Stop Watch
- 1 Air Tool Oil
- 1 CD of Sound Effects
- 4 Stakes

## ***Pit Stop Challenge*** **Assembly Instructions**

1. Select a level area to operate game with plenty of room to allow for a line to form. Keep a safe distance (at least fifteen feet clearance on all sides) between player and spectators.
2. Assemble framework, per sketch. (Be sure to tighten down the fittings using the small bolts on them.)
3. Attach canvas to the framework using the Velcro straps.
4. If using game outdoors, it is strongly suggested that you use the stakes provided on either side of the bottom supports. Use sandbags on pavement. And in a breeze, use sandbags with the stakes.
5. Place Air Compressor behind the game and run the hose under the canvas.
6. Hook up the Air Impact wrench to the hose
7. Turn on the Air Compressor

### **Maintenance**

1. If game becomes wet, dry thoroughly before storing.
2. Fold the canvas *inward* to help protect and keep it clean.
3. Check the air compressor oil level regularly.
2. Add a few drops of Air Tool Oil to the each Air Impact Wrench before every use.

## ***Pit Stop Challenge*** **Safety Instructions**

1. If using game outdoors, it is strongly suggested that you use the stakes provided on either side of the bottom supports. Use sandbags on pavement. And in a breeze, use sandbags with the stakes.
2. **NEVER USE THE GAME IN STRONG WINDS OR LIGHTENING!!**
3. Use caution when setting up or taking down the game. Once the bolts are loosened the sections of tubing can come apart and fall down causing injury.
4. Be sure that there is plenty of clearance between the player and spectators.
5. Keep spectators clear from the sides and back of canvas and the air compressor.
6. Make sure that the air hose and the electrical cord are not a trip hazard.
7. **PLAYERS SHOULD ALWAYS WEAR SAFETY GOGGLES.**
8. **NEVER LEAVE GAME UNATTENDED.**



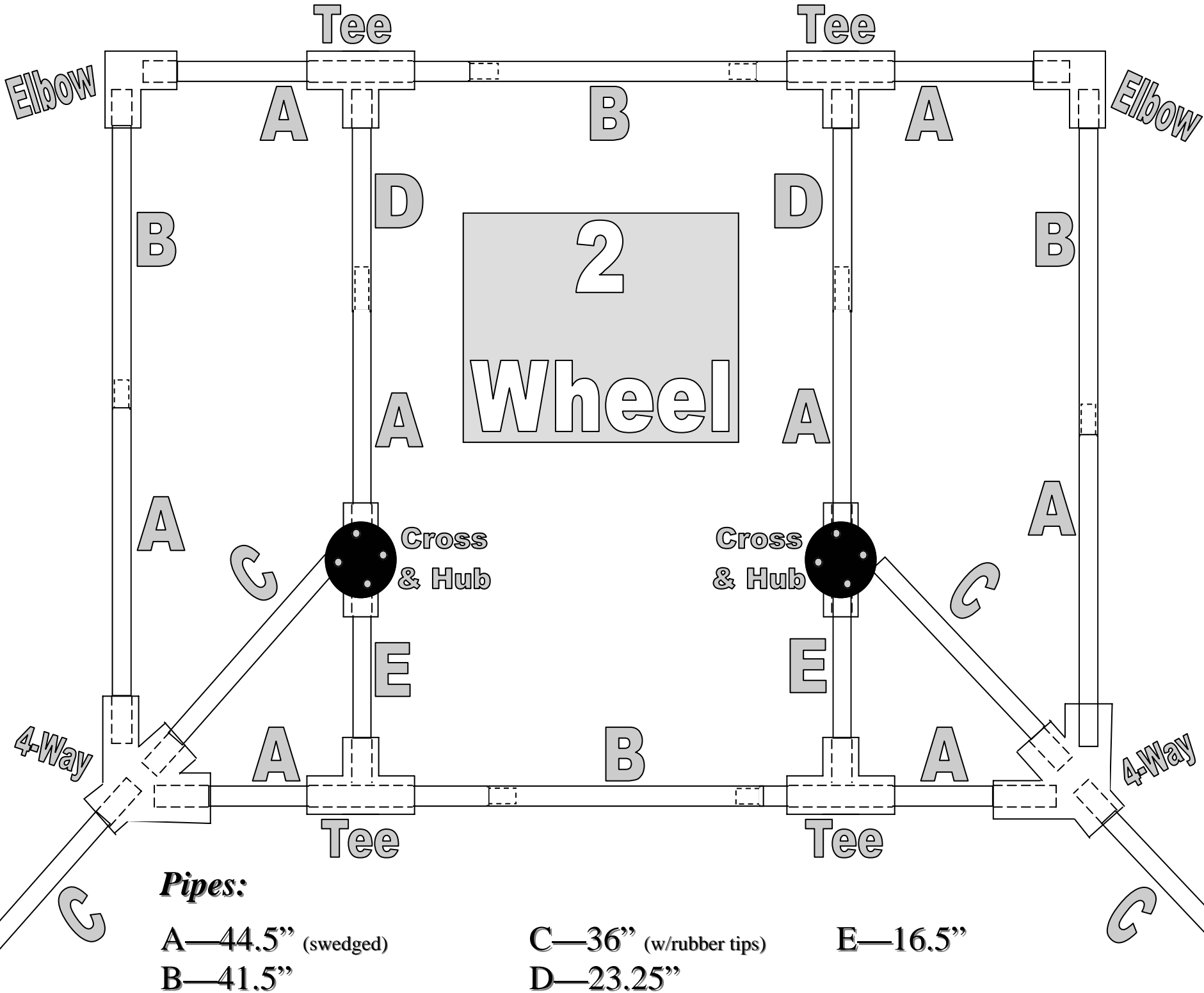
**WARNING!**



**DO NOT USE IN RAIN, WIND,  
LIGHTENING, OR WET AREAS.**

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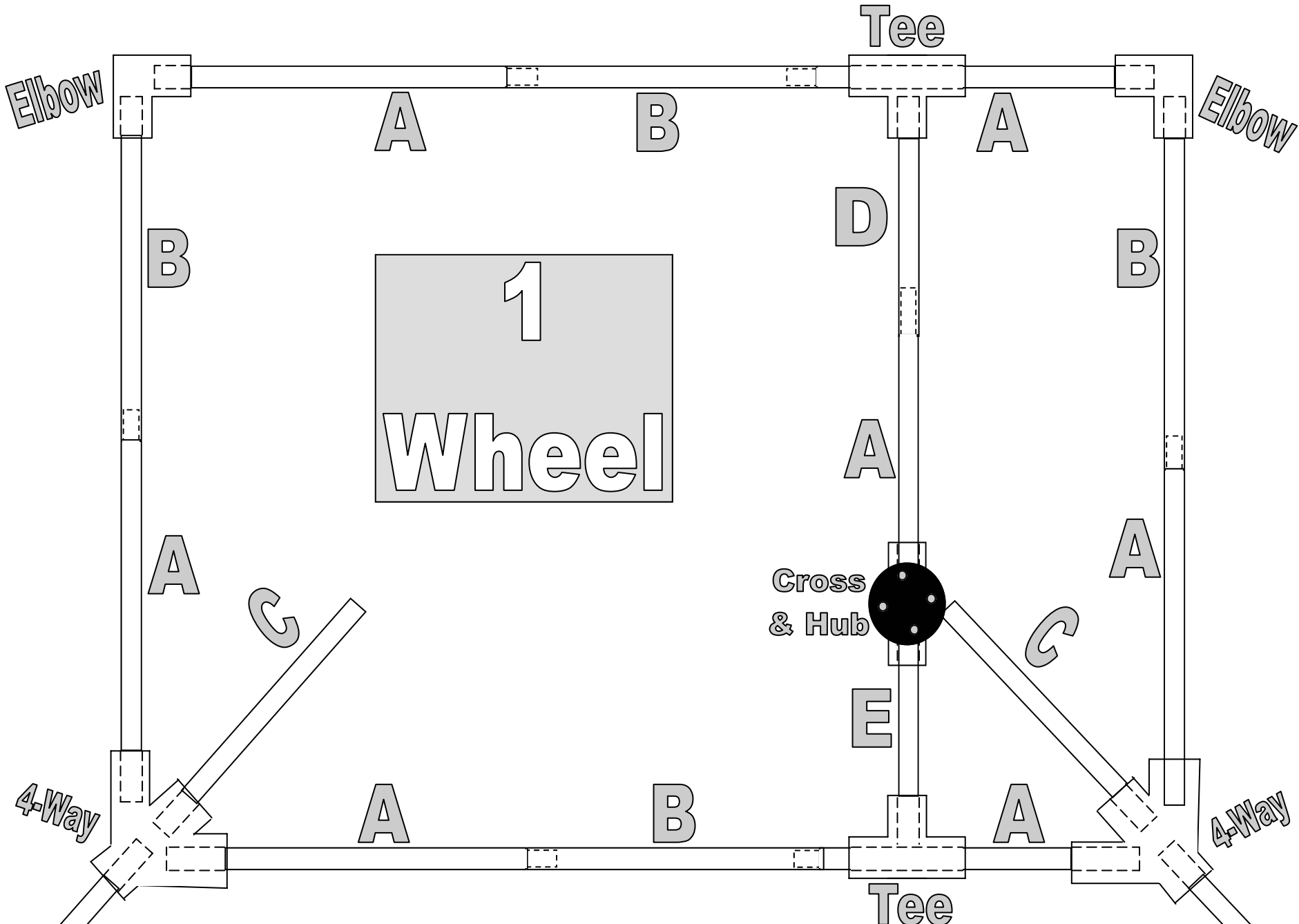


**Pipes:**

A—44.5" (swedged)  
 B—41.5"

C—36" (w/rubber tips)  
 D—23.25"

E—16.5"



***Pipes:***

**A**—44.5" (swedged)  
**B**—41.5"

**C**—36" (w/rubber tips)  
**D**—23.25"

**E**—16.5"

# Some Helpful Hints . . .

- Make sure the air compressor is on a secure, level surface.
- Be sure to add oil to air compressor before first use. And be sure to periodically check oil.
- Set air compressor at 40-50lbs. p.s.i.
- Use a heavy duty (contractor's) extension cord.
- Use as short a length of extension cord as possible.
- Lubricate studs with WD-40 or silicone spray.
- Add oil to air impact wrenches before each use.
- Instruct players to start lug nuts by hand before using the air impact wrench.

# Some Helpful Hints . . .

- Make sure the air compressor is on a secure, level surface.
- Be sure to add oil to air compressor before first use. And be sure to periodically check oil.
- Set air compressor at 40-50lbs. p.s.i.
- Use a heavy duty (contractor's) extension cord.
- Use as short a length of extension cord as possible.
- Lubricate studs with WD-40 or silicone spray.
- Add oil to air impact wrenches before each use.
- Instruct players to start lug nuts by hand before using the air impact wrench.