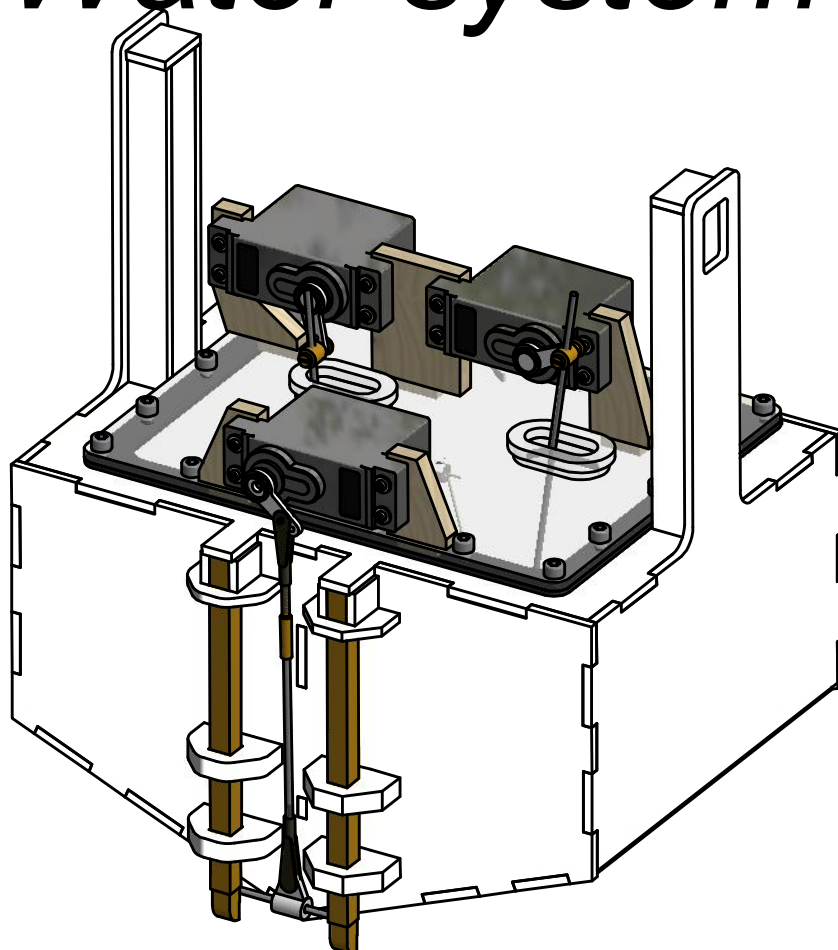


2



1

# ***CL-415 (80")*** ***Water system***



B

B



A

A

2



1



# CL-415 (80") water system

## Parts listing



☐ DUB595  
1/16" Wheel collar  
(10 req.)



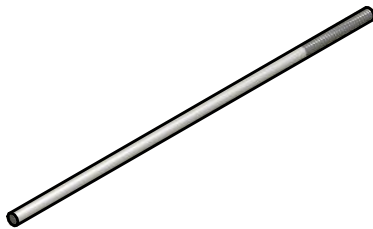
☐ DUB212  
2-56 Threaded coupler  
(1 req.)



☐ DUB860  
2-56 Swivel ball link  
(2 req.)



☐ SH-6C006  
Nylon Screw  
6-32 x 3/8" lg.  
(18 req.)



☐ DUB172  
2-56 Threaded rod x 12" lg.  
(3 req.)



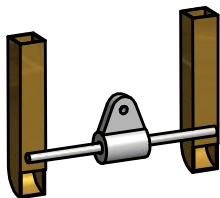
☐ B-656  
Tension spring  
(2 req.)



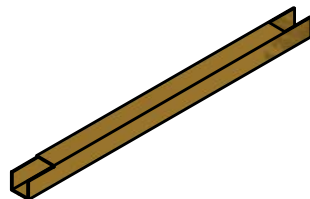
☐ SS2-07  
Servo Screw  
(12 req.)



☐ DUB600  
2-56 Quick link  
(2 req.)



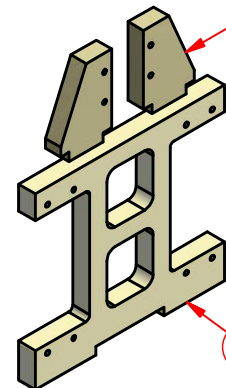
☐ WS-Scoop  
Water Scoop ass'y  
(1 req.)



☐ WSE-02  
1/4" square brass tube  
(2 req.)



☐ DUB605  
E/Z Connector (Ø.072")  
(2 req.)



WS-18

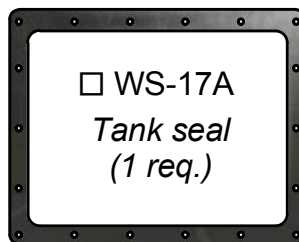
WS-25

☐ WS-18 Ply 1/4" (2 req.)

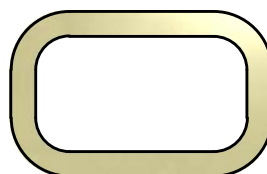
☐ WS-25 Ply 1/4" (1 req.)



☐ DUB700  
Plastic tube Ø1/8" x 1 3/4" lg.  
(2 req.)



☐ WS-17A  
Tank seal  
(1 req.)



☐ WS-S1  
Water door seal  
(2 req.)

☐ Music Wire Ø1/16 x 8" lg. (1 req.)

☐ Steel wire 12" lg. (1 req.)

☐ Acrylic laser cut parts kit (1 req.)

**MR Aerodesign**

www.mraerodesign.com

**CL-415 (80")**

**Water system parts listing**

Dwg by: M.Rousseau

Sheet

Date: 10-09-10

1 of 1

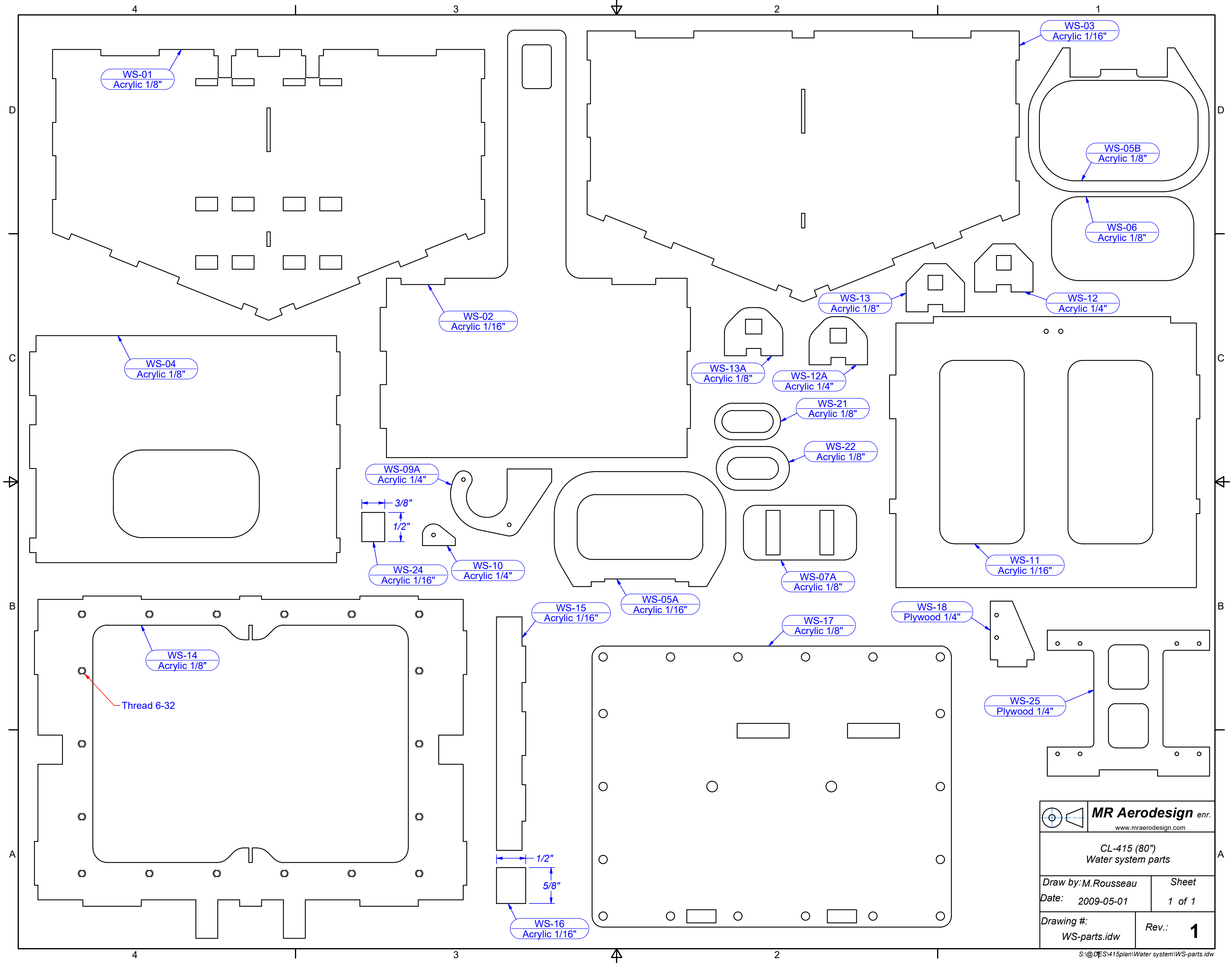
Drawing No:

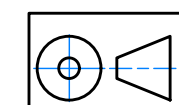
WS-Part listing.idw

Rev.:

**2**





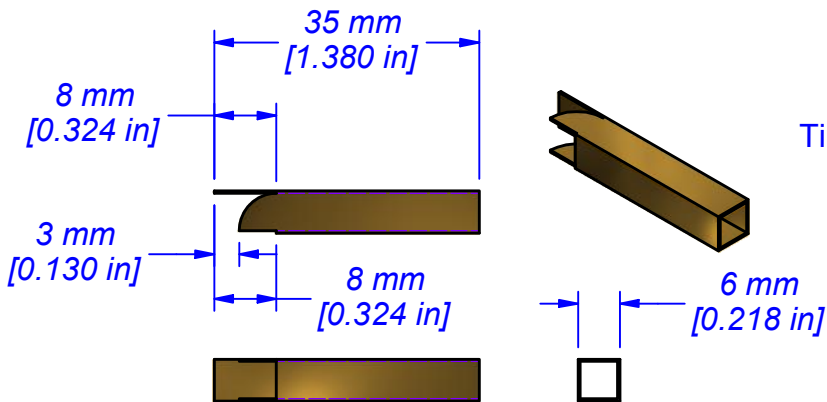
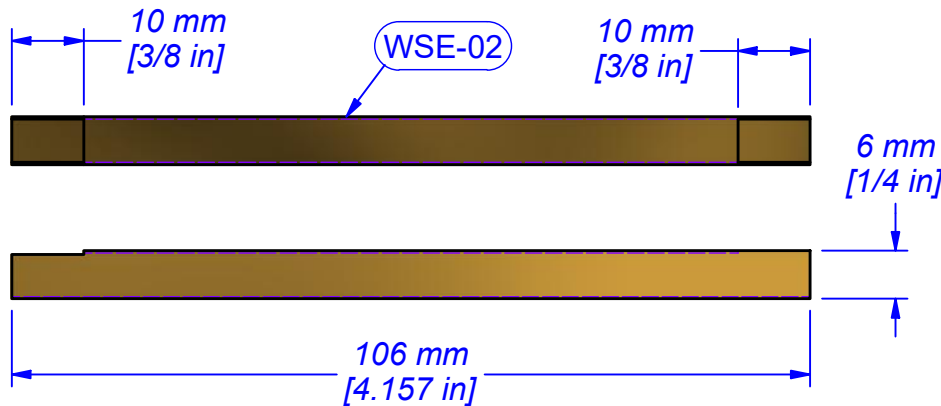
 <b>MR Aerodesign</b> enr. www.mraerodesign.com	
CL-415 (80'') Water system parts	
Draw by: M. Rousseau	Sheet
Date: 2009-05-01	1 of 1
Drawing #: WS-parts.idw	Rev.: <b>1</b>

2

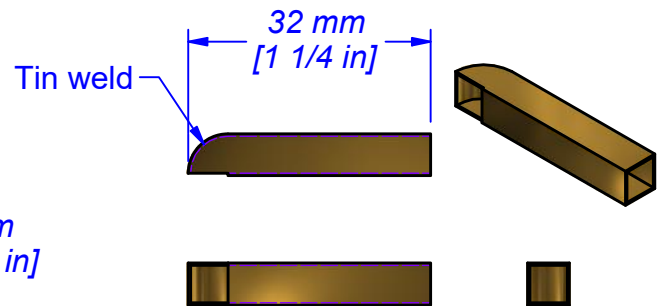
1

# Water system

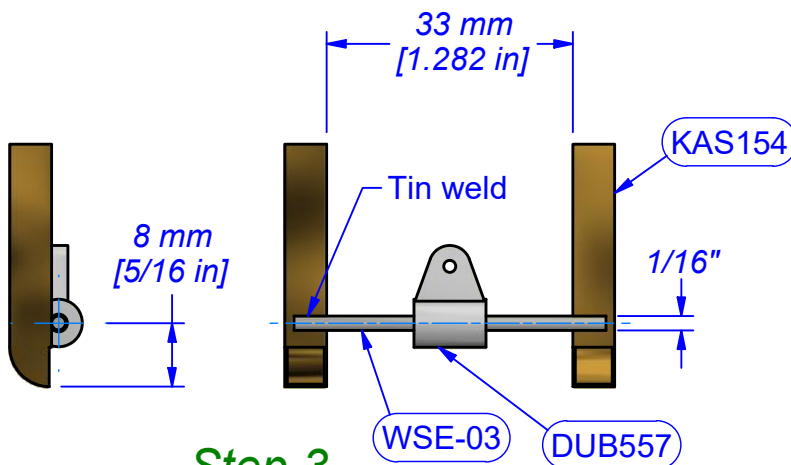
Brass parts detail



Step 1  
SCALE 1 : 1



Step 2  
SCALE 1 : 1



Step 3  
Scoop ass'y  
SCALE 1 : 1

	<b>MR Aerodesign</b> enr. www.mraerodesign.com
Water system Water system Brass parts	
Draw by: M. Rousseau Date: 2009-05-01	Sheet 2 of 2
Drawing #: water system.idw	Rev.: <b>0</b>

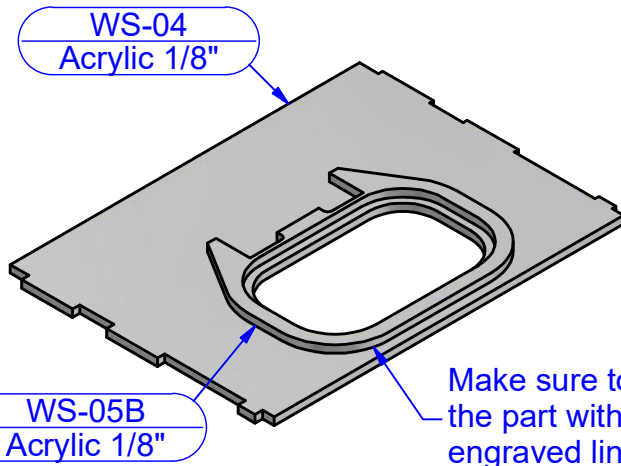
2

4

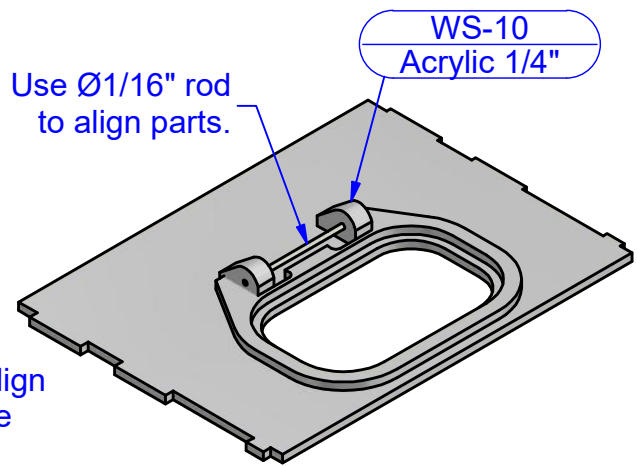
# CL-415 Water system

## Door seal

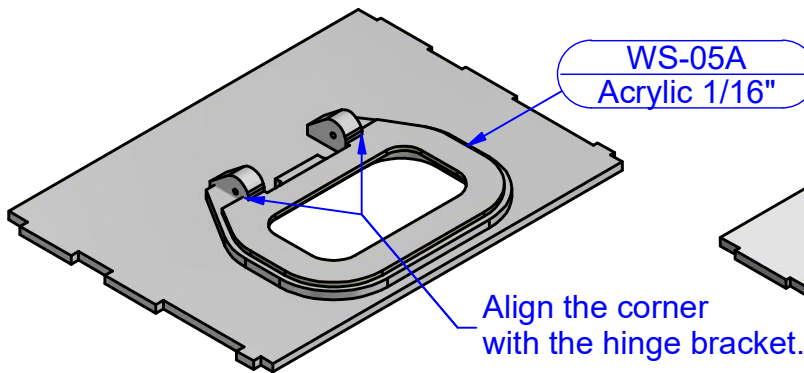
(2 req.)



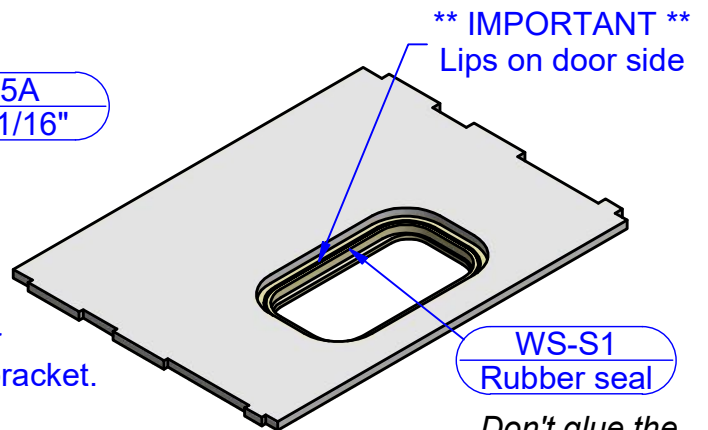
Step 1



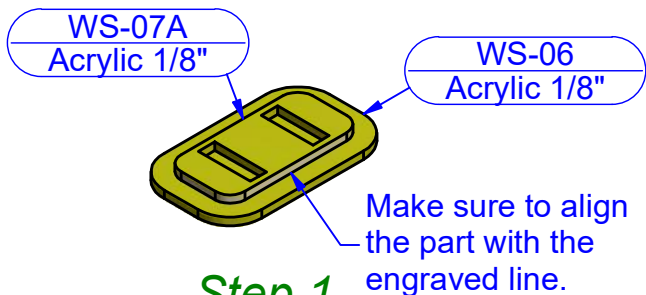
Step 2



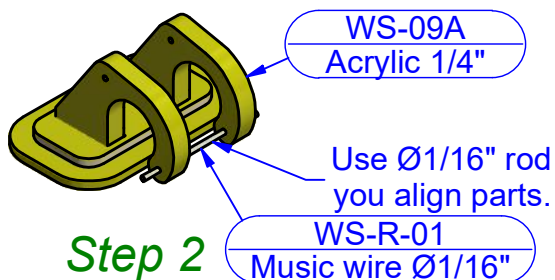
Step 3



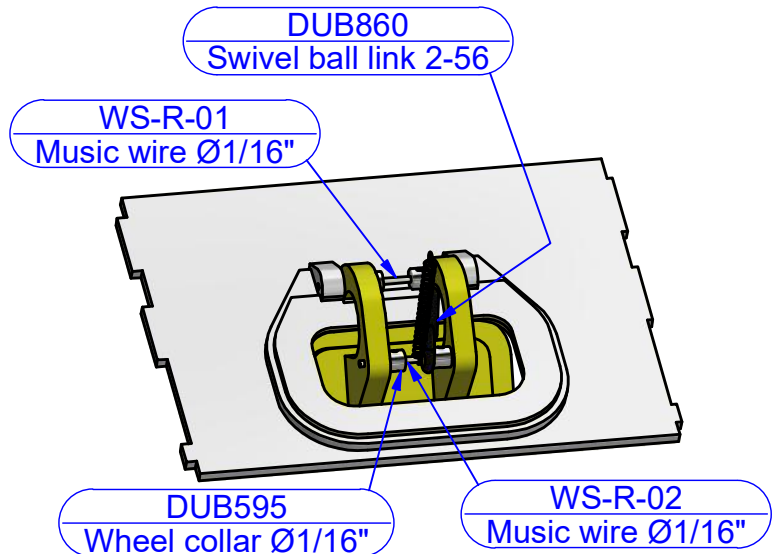
Step 4



Step 1



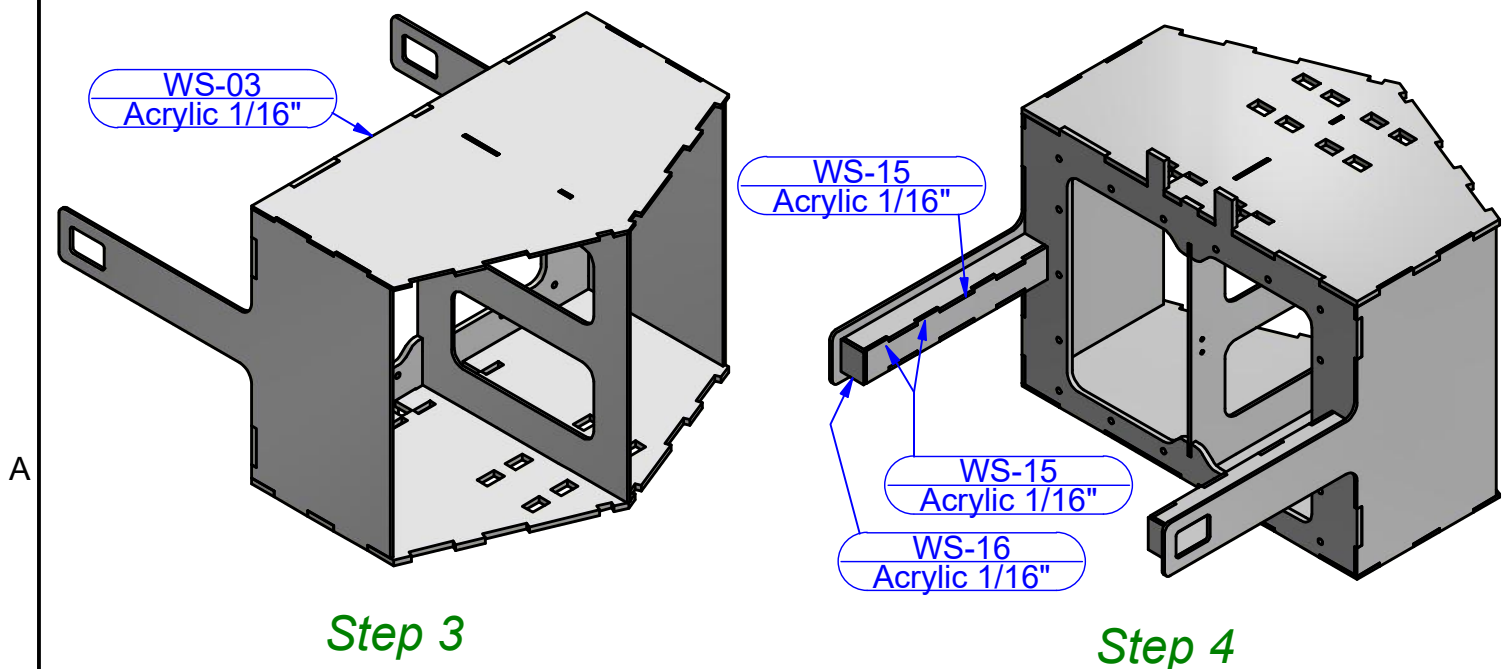
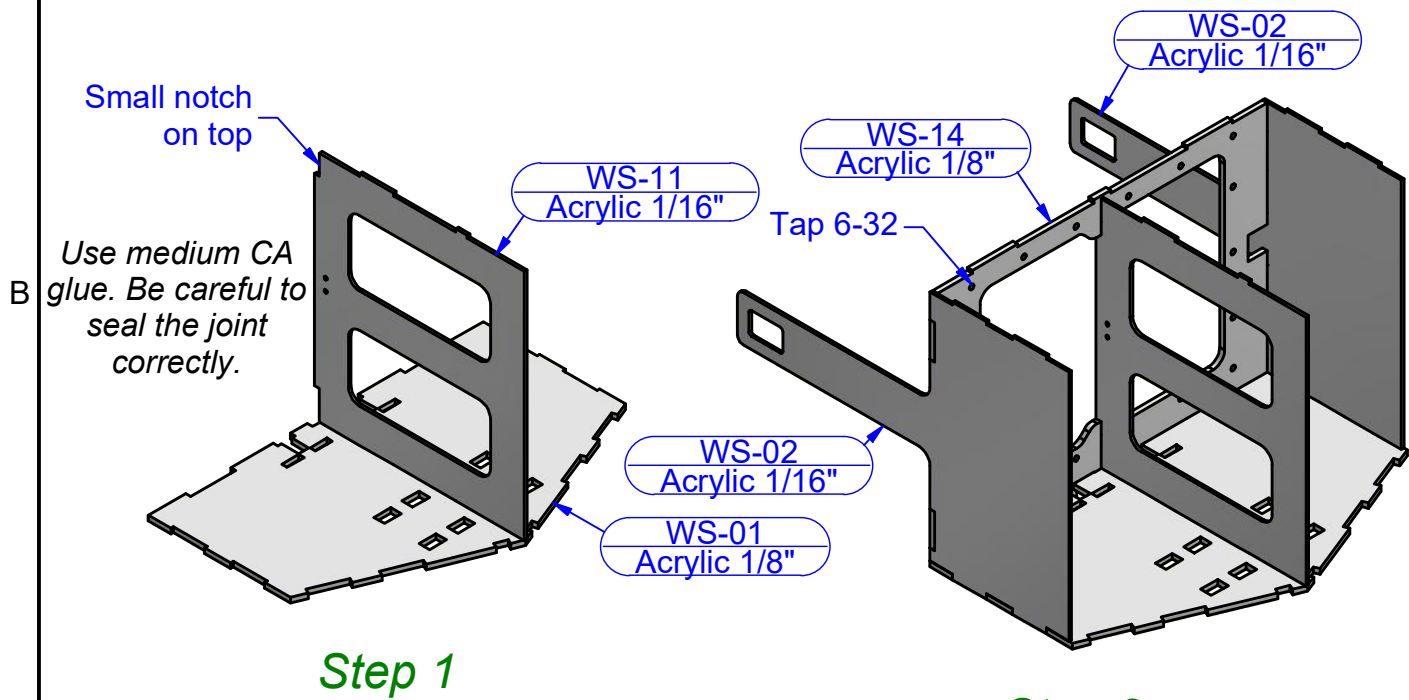
Step 2



Water door ass'y



# CL-415 water system Tank



# CL-415 water system Tank

Use #KAS155 as guide.

KAS155  
Square brass

WS-13  
Acrylic 1/8"

WS-13A  
Acrylic 1/8"

WS-12A  
Acrylic 1/4"

See "Brass parts detail" sheet  
for notch dimensions.

Lip this side

Step 5

- Insert the second brass tube in the slotted bracket (WS12A).
- Insert the scoop ass'y in both brass tubes.
- Adjust the distance between the 2 brass tubes to obtain a smooth operation.
- Glue the brass tube.

WS-12  
Acrylic 1/4"

WS-scoop  
Scoop ass'y

Step 6

DETAIL E

Water dump door ass'y

WS-R-01  
Music wire Ø1/16"

WS-R-02  
Music wire Ø1/16"

DUB595  
Wheel collar Ø1/16"

DUB595  
Wheel collar Ø1/16"

WS-24  
Acrylic 1/16"

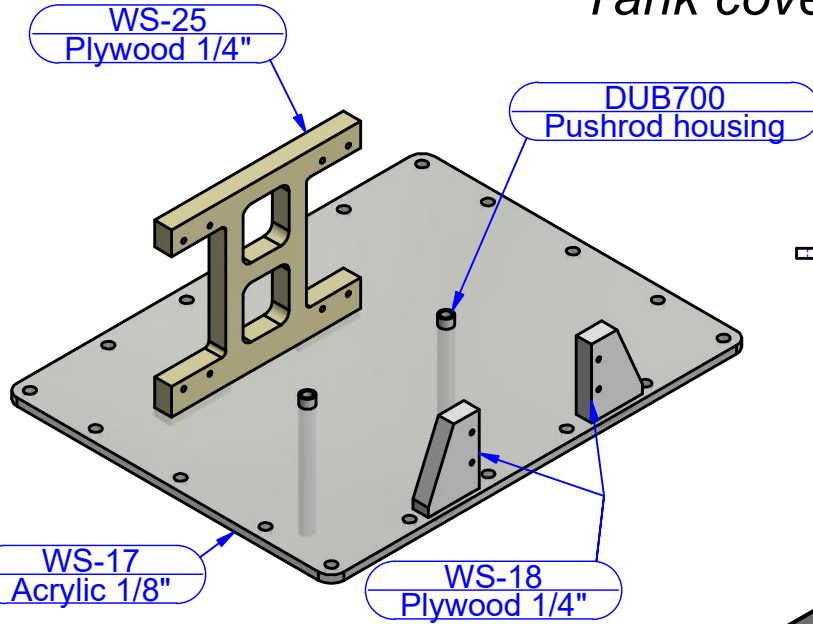
Step 7

- Fill the tank with water.
  - Check all join for leaks.
  - Pull on the steel wire and spring until the water dump doors stop leaking.
  - Secure the steel wire with the wheel collar.
- \*\* Only the tension from the spring will keep the doors closed \*\*

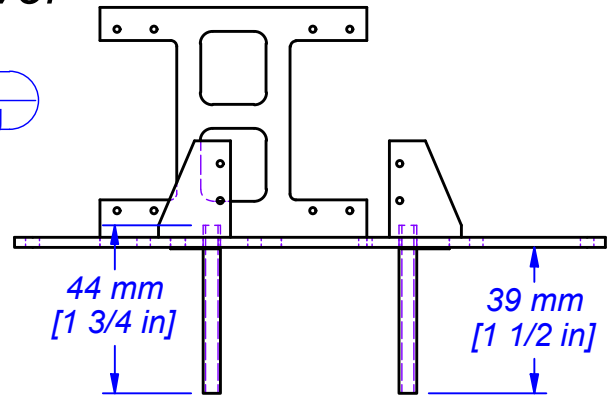
WS-W-01  
Steel wire

B-656  
Tension spring

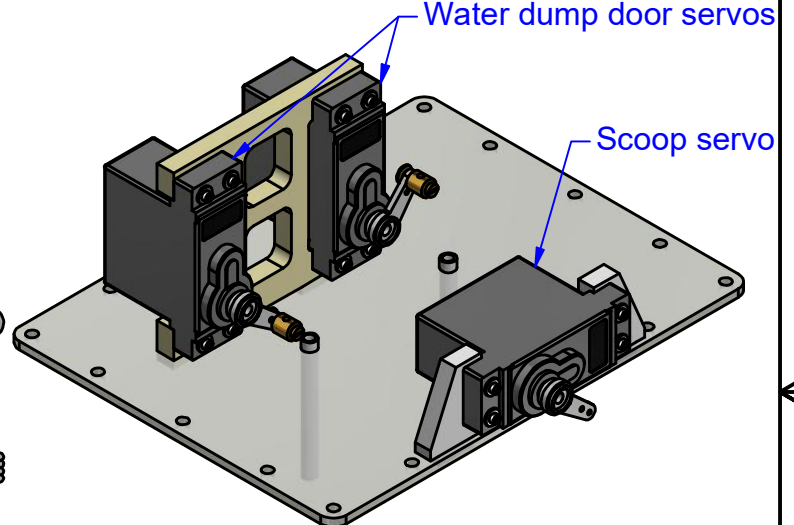
# CL-415 water system Tank cover



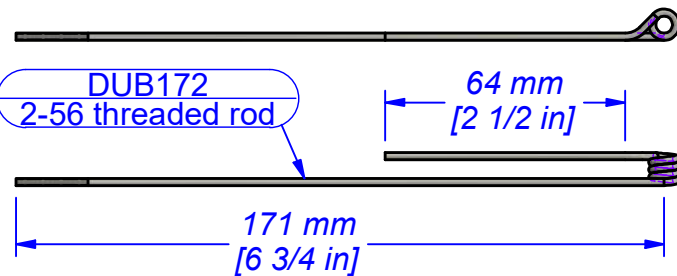
Step 1



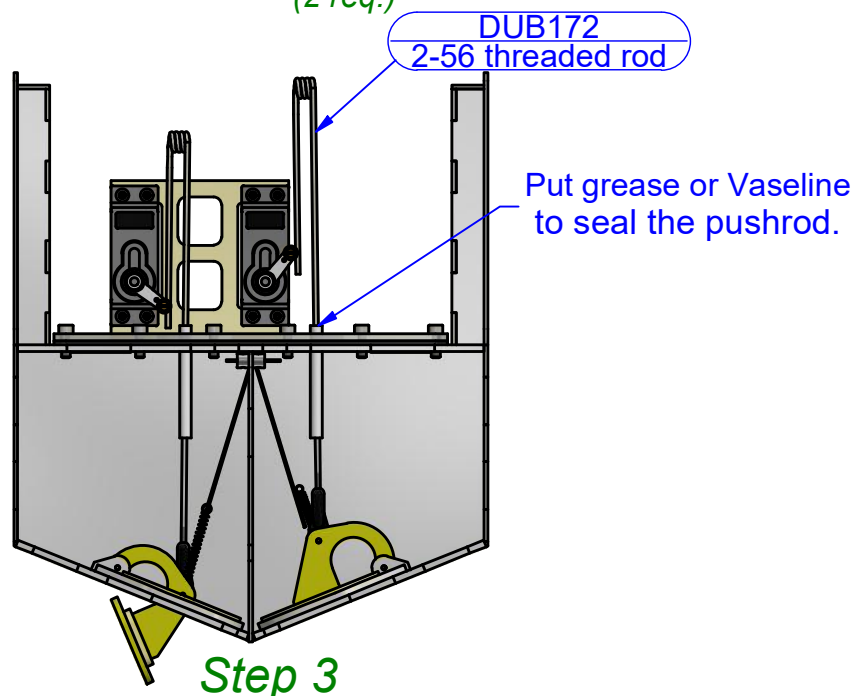
Scale 1 / 2



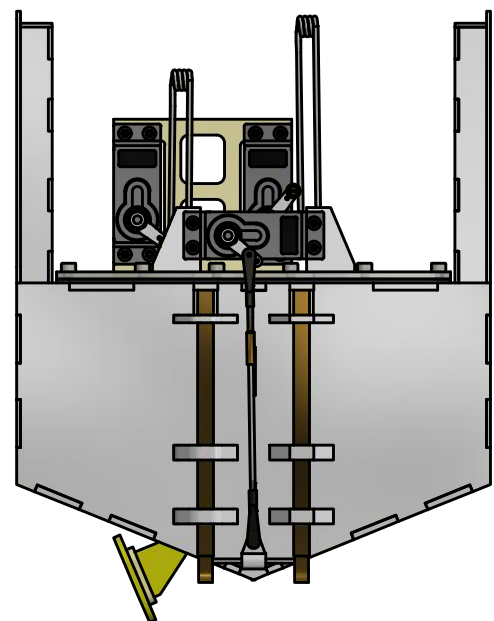
Step 2



Scale 1 / 2  
(2 req.)



Step 3



Step 4