

## Tips on assembling **Easymix MB22** 2.2 Cu ft Cement Mixer 11/23

DIY use only - not suitable for trades

Follow detailed instructions that come in box carefully.

No warranty on your assembly.

Allow 2 - 3 hours build time.

Read instructions before use.

Spanners specified may not match - it is not a problem.

You may need extra flat washers

Instructions on importer's website are slightly different, but does have different photos that may help - see <https://www.agpulie.com.au/SPECIFICATIONS%20AND%20USER%20MANUALS>



### **Tips:**

Step 1:

Make sure bracket on Frame A is uppermost.  
See photo below as a guide.  
16mm socket, 17mm spanner.

Step 3:

Make sure braces D and E are right way up - ends with flatter angle bend go on frame, ends with bigger bend go on axle.

Step 5:

Last build I found cross braces G and E, H and D fitted best on same side. You may need to experiment. Ends with flatter angle bend go on frame, ends with bigger bend go on axle.



#### Step 8:

Tyres are shipped uninflated, so pump to 20PSI (max is 25PSI).

There maybe spare large washers (AJ and AK) at the end of the build. Install unused washers on axle to reduce wheel movement sliding up and down axle. Keep them there in case you need to adjust pinion/gear wheel adjustment after initial use.

Step 9: Make sure you put on the right way - see pic below. Grease bearing arm before assembly. Put handles on (Step 10).

Tighten bearing arm bolts incrementally, and tilt as if tipping out bowl. Will be initially tight, then will loosen. Then tighten bolts more, and repeat tilting. Should be able to go through tipping movement without too much force on handles. Re- tighten after use as the components bed in, paint wears off etc.

#### Step 11:

Make sure pinion does not rub on pinion guard - if it does just bend the guard a little.

#### Step 12:

I think these bolts need washers at both ends, so use some from your own supply.

#### Step 15:

I think these motor bolts need washers at both ends, so use some from your own supply.

#### Step 17:

A tap with a mallet on the motor mount helps get the right belt tension (allow 20mm deflection as per manual). Make sure everything is square. Do motor bracket to frame bolts up tight as it is possible to swing motor out of square when using handles behind motor.

#### Step 20:

I lube the shaft before screwing it into the bowl - it will make bowl removal easier in the future. Tighten it up.

If you lube the shaft, fitting and removing the barrel is easier. This will help you if you have to remove and re fit the bowl several times with different spacers to get the correct contact of pinion with the gearwheel. Tilting bowl over as if tipping cement out gives clearest view of pinion.



If pinion and gearwheel mesh is not adjusted correctly, the pinion wheel will wear prematurely. We stock and sell these because customers do not adjust them correctly! The drive gear is fully engaged with the bowl teeth - it is not only driving on part of the bowl gearwheel. See attached photo. There is also space between teeth, so there is a little bit of back lash when you rock the bowl backwards and forwards.



#### Final Step:

After assembly is complete:

Grease all three grease nipples with grease gun.

Test run with out a load - should be minimal belt, motor and bowl noise.

After a couple of hours of operation, check all bolts for tightness.

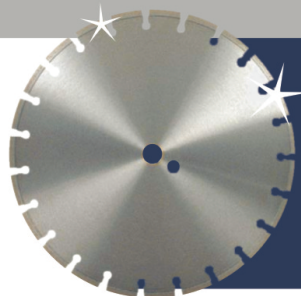
Clamp for tipping may need tightening - see step 9.

Mixer may need pinion/gearwheel adjustment after initial use - see step 20.

Belt may need re-tensioning after use (they stretch slightly when first used).

Bibra Lake 0419 901 533

UNITED  
**DAMOND**  
TOOLS



Unit 10 / 84 Barberry Way  
Bibra Lake WA 6163  
Tel 08 9434 6878  
Mob 0419 901 533  
sales@udt.com.au  
www.udt.com.au  
ABN 12 621 543 173