

I have been asked by a few rocketeers how to assemble an ARRD. Here's my best try...

Here are the pieces of an ARRD:



Start by placing the ball bearings in the housing:



Insert the pin in the housing:



Insert the piston in the housing, but do not push it in at all:



Thread the base on, and let the base push the piston in:



If you accidentally let the pin move, start all over from the beginning. If the piston ever gets pushed up farther than just the bare piston would, start over. Do not let gunpowder or tape extend above the base.