

# 3-Channel RC Helicopter

## 1. Instructions for removing the blades:



Above Helicopter showing blades already in place, but one of the blades is damaged and needs to be replaced.



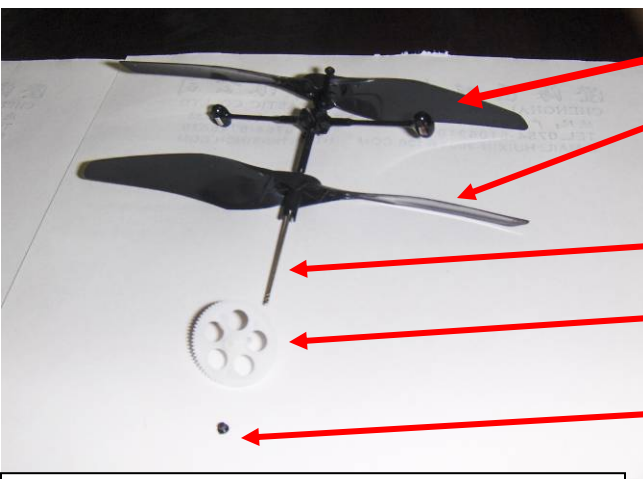
Under the helicopter, pinch and hold the sides around the edge of the round bottom gear so that it cannot turn.



While continuing to pinch the bottom gear, grab the top blade and rotate clockwise and carefully work the entire blade mechanism out of the helicopter.



You will now see that the blade mechanism is now free from the helicopter as shown, and the bottom gear will also be free and loose.



Top Blade mechanism

Bottom Blade

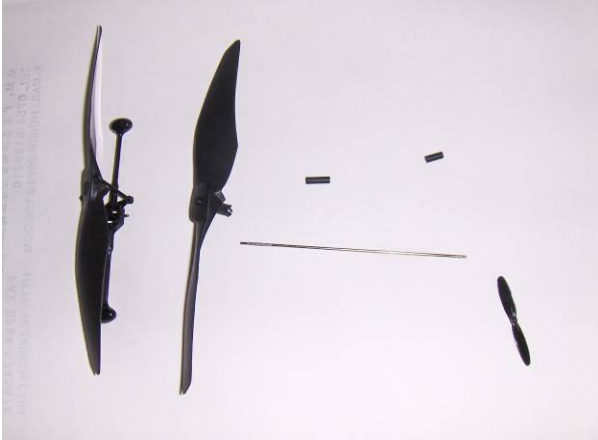
Center Post

Top Gear. (Also note there is a bottom gear too)

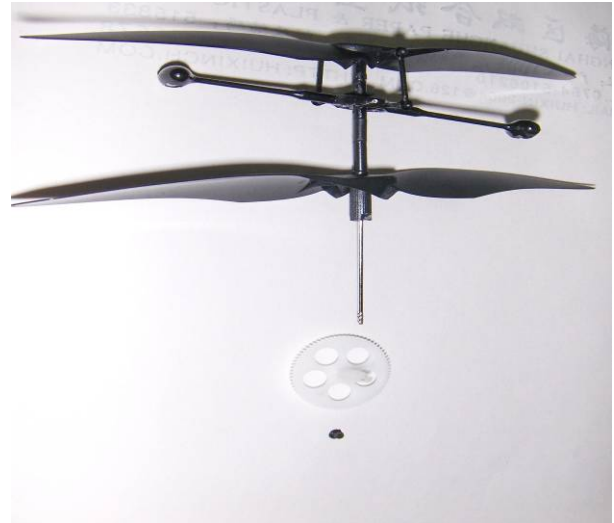
Bottom center post gasket

The above picture shows the blade parts that are parts of the helicopter blade system.

## 2. Replacing the damaged lower blade:



Each helicopter comes with a bonus bag of parts shown above. The second blade is the lower blade in the package.



Gently remove the lower damaged blade from the center pin.



The upper blade mechanism is what is left.

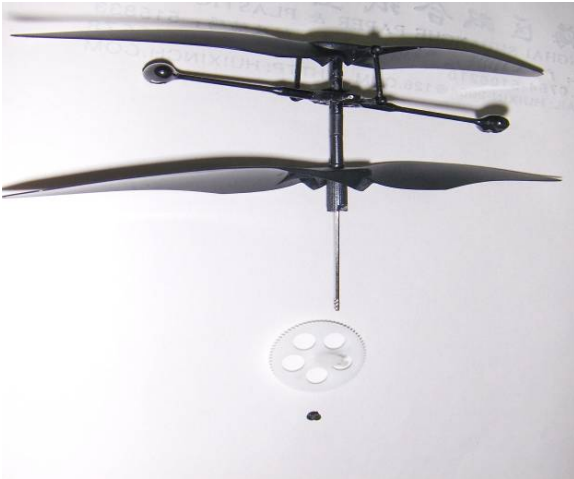


Gently add back the bottom replacement blade into the center pin.

## 3. Replacing A Top Blade

Please contact your nearest Showcase stores to get the top portion already assembled and ready to install. Do not attempt to assemble yourself as the process requires special machinery to perform. All Showcase stores will have plenty of stock available at no charge to replace your broken upper blades.

#### 4. Re-assembling the Helicopter and blades.



Above is what the above the helicopter blade parts look like. Please ensure you have all parts.



Take a hold of the gear mechanism with the longer center pole facing up.



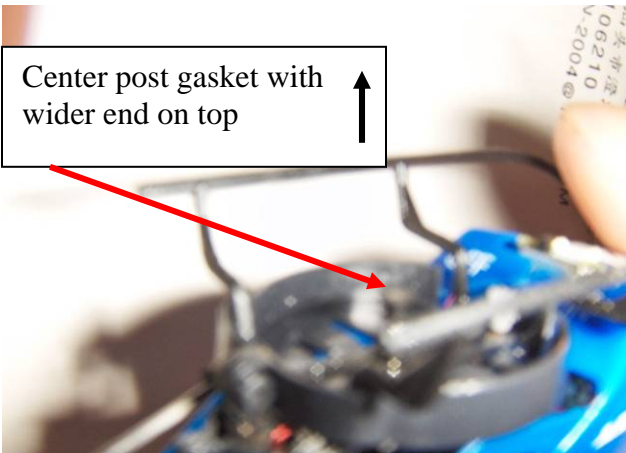
Insert the top gear into the top gear shroud of the helicopter.



Now it is time to work the center pole through the center gear mechanism. It may take some turning counter clockwise from the top of the blades until the pole goes through the helicopter.



Make sure the center pole from the top gear is aligned to lock into the groove of the lower blade at the center.



Center post gasket with wider end on top



Invert the helicopter so it is now upside down.  
Place the small center post black gasket onto the end of the center post.  
The gasket should have the wider end facing up when you assemble it.



Place the bottom gear into place.  
You will likely have to adjust how tight all pieces fit together so that the helicopter works smoothly.