



Airpower Main Wheel Break Set Instructions Manual



Step 1
Apply lubrication to the axle.
We suggest using a high viscosity lubricant designed for axles.



Step 2 (bushing 9.53 x 7.54 mm)
Place the bushing into the brake unit all the way in.



Step 3
Push the brake unit all the way into the landing gear through the axle.



Step 4 (washer 10.95 x 0.8 mm)
Add the washer



Step 5
Make sure to check the washer to ensure it is in the appropriate position.
Add some lubricant on the washer surface.



Step 6
Add another bushing onto the wheel.
Make sure it is pushed all the way in.



Step 7
Add some more lubricant to the bushing.



Step 8
Add the wheel unit to the struts.



Step 9 (washer 10 x 0.35~1.0 mm)
Add another washer on the axle.



Step 10 (E Clip E-3.2)
Add an E clip onto the groove in the axle.



Step 11
Use a vice or similar tool to force the clip onto the axle groove.



Step 12
Check the tire to make sure it spins smoothly. Check to see if there are any gaps between the wheel and E clip. In case there is a gap, add an extra washer as shown in step 9.

Note: The break unit needs to be checked frequently, especially before take off. Because these parts are continuously in motion, they need to be checked regularly. Also, clean and lubricate the axle and bushing regularly to avoid build up of dust or not enough lubrication can cause the tire to lock.