

HANGAR 9[®]

During extensive testing of the scale wheels we found that increased durability was gained by the introduction of a metal bush to the plastic wheel. While using the plastic wheel directly upon the metal axle is perfectly acceptable, prolonged use may result in wear of the plastic wheel hub. Below are directions on a quick and easy modification that can be applied at any stage. We intend to have the factory apply this modification to all future wheels.

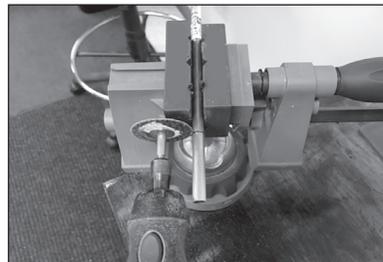
1. Use a drill and 1/4-inch (6.5mm) drill bit to enlarge the hole in the wheel. Make sure to hold the wheel secure so it does not turn during drilling.



2. Slide a piece of 1/4 x .014 inch (6.5mm x .335mm) brass tubing into the wheel. With one side flush with the wheel, mark the edge of the tubing on the opposite side against the wheel using a felt-tipped pen.



3. Use a rotary tool and cut-off wheel to trim the tubing at the mark made in the previous step.



4. Slide the tubing into the wheel.



5. Check that the tubing is flush with the wheel on both sides before installing the wheel on the axle. Use a flat file to remove any flashing from the tubing or alter its length if needed.



6. Secure the wheels to the main axle using the wheel collars and M3 x 3 setscrews. The wheel collars are placed on either side of the wheel. Make sure to use a file to make a flat area on the main axle for the setscrews. Apply a drop of threadlock on each setscrew before tightening them using a 1.5mm hex wrench.



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