

Post-Paint>Fuselage>Fit wheel spats

Objectives of this task:

To final fit the spats or wheel fairings to the main wheels and the nose wheel.

Main wheel spats

Each main wheel spat is held in place by a single bolt on the outside of the spat that fits into the axle extension and 4 screws on the inside that fit to the spat mounting plate.



Fit each spat into position over the wheel and secure with an axle bolt and a flat washer and then fit the inside 3/32" machine screws and Tinnerman washers to the backing plate.

Fit the rubber blanking plug to the tire pressure inspection hole on the outside of each spat.

Nose wheel spat

Support the front of the aircraft so that the nose wheel is off the ground and remove the front axle and wheel. Fit the front of the spat over the yoke and refit the front wheel and the axle, passing the axle through the spat, yoke and wheel as shown below. Fit a flat washer to each side of the axle. Lower the nose wheel back to the ground.

Fit the castellated axle nut and tighten to safety then secure the nut with a lock pin. Screw the spat to the yoke with a short 3/32" machine screw and Tinnerman washer to each side of the spat (arrowed in red in the photo below left).



Fit the rear section of the spat to the front section with 8 x 3/32" machine screws and Tinnerman washers as shown in the photo above right. Fit the rubber blanking plug to the tire pressure inspection hole on the left hand side of the spat.

This completes the *Post-Paint>Fuselage>Fit wheel spats* task.