

**PROCEDURE 9.050  
MAIN GEAR WHEEL AND BRAKE INSTALLATION**

*In this procedure...*

You will install the tires on the main gear wheels, install the axle on the main gear and assemble and install the brakes.

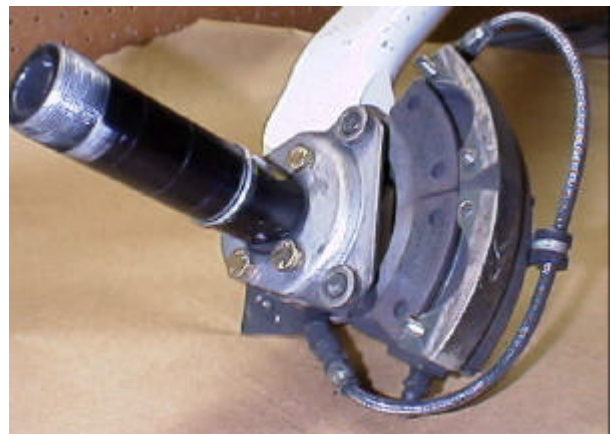
<u>Part Number</u>	<u>Description</u>	<u>Qty.</u>
115-12-026	Wheel and Brake Kit	1
115-13-023	Tube 600-6	2
115-13-024	Tire 600-6	2
115-13-022	Main Gear Axle	2
115-13-025	Axle Nut Main Gear	2
AN365-524	Nut	4
AN365-624	Nut	4
AN5-27A	Bolt	4
AN6-26A	Bolt	4
AN960-516	Washer	8
AN960-616	Washer	8
MS24665-283	Cotter Pin	2
115-13-026	Inboard Wheel Pant Bracket, Left	1
115-13-026	Inboard Wheel Pant Bracket, Right	1
K1000-10	Anchor Nut	10
AN426AD3-4	Rivet	20
115-13-027	Hose, Brake Line	2

**Step 1. Install Axle on Main Gear.**

Install the Main Gear Axle onto the Main Gear Leg, using the AN6 and AN5 Bolts. Be sure to install the Inboard Wheel Pant Bracket to the inboard side of the gear leg and the Brake Bracket to the outboard side of the Axle.

**Step 2. Install the Brake Caliper on to the Bracket.**

See the instructions provided in brake kit for brake installation.



**Step 3. Install Tire onto Wheel.**

Install the tire onto the wheel using standard aircraft maintenance procedures. Inflate tire to 55 psi.

**Step 4. Grease Wheel Bearings.**

Remove the wheel bearings and clean the preservative of the bear. Repack the bearings using standard maintenance procedures and reinstall in wheel.



**Step 5. Install Wheel on Axle.**

Slip the wheel on the axle and install the Axle Nut. Tighten the nut to pre-load the bearing using standard maintenance procedures and install the cotter pin. Install the inboard brake pads to the brake caliper.



↑  
← Pictures show Right Main Gear