

ASSEMBLY

WARNING

Do not allow brake fluid, bearing grease, or other lubricants to contact brake rotor or brake pads or reduced braking ability may occur which could result in death or serious injury.

1. See [Figure 2-6](#). Install front brake rotor (12) on right side of wheel.
 - a. Verify that the front brake rotor is thoroughly clean.
 - b. Apply LOCTITE THREADLOCKER 272 (red) to threads of each of the five T40 TORX screws (10).

NOTE

Do NOT reuse brake rotor mounting washers (11). Always use new washers (P/N CB0004.T) when assembling wheel.

- c. Install rotor (12) on wheel hub. Tighten TORX screws (10) with NEW washers (11) in criss-cross pattern to 24-27 ft-lbs (33-37 Nm).
2. Install tire, if removed. See [2.9 TIRES](#).
3. Verify that wheel and tire are true. See [2.8 CHECKING CAST RIM RUNOUT](#).
4. Balance tire. See [2.9 TIRES, Adjustment](#).

INSTALLATION

1. Install front axle.
 - a. Position wheel between forks with brake rotor on gearcase side of motor.
 - b. With pinch screw (metric) loose, insert threaded end of axle through right side fork.
 - c. Push axle through fork and wheel hub until axle begins to emerge from left side of hub.
 - d. Install axle spacer (2) and washer (13).
2. Compress the front suspension to make sure it is free and not binding.
3. See [Figure 2-6](#). Install axle nut.
 - a. Apply LOCTITE THREADLOCKER 243 (blue) to axle threads.
 - b. Install axle nut (1) (metric) over threaded end of axle.
 - c. Insert screwdriver or steel rod through hole in axle.
 - d. While holding axle stationary, tighten axle nut (1) (metric) to 38-42 ft-lbs (52-57 Nm).
4. Tighten the front axle pinch screw to 13-16 ft-lbs (18-22 Nm).
5. Install front brake caliper. See [2.11 FRONT BRAKE CALIPER](#).