

WHEEL NUTS

This memo details the tightening and lubrication specifications for the wheel nut and associated parts.

The Ligier JS F422 wheel fixation utilizes a conical seat wheel nut.

Ligier strongly recommend 'bedding' any *new* wheels, rechecking torque after an install lap, to ensure a good seat of the conical spacer to the wheel.

Wheel-nut torque: 185-225ft lbs

Ensure the wheel clip is fully seated in the nut and engaged in the hub.

The condition of the surfaces where the coupling occurs greatly affects the torque and resulting axial load; specifically through the interaction of friction and lubrication between the surfaces of the nut and wheel. Only nuts and wheels in good condition should be utilized. The coupling surfaces must be worn uniformly. Take care to avoid any scarring or damage in each component, which can compromise the torque. There should always be a clean connection between the wheel, conical spacer, washer, and nut.

