

Wheel & Tyre Assemblies

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APPLICATION

Peak Trailers stock a wide range of wheels and tyres to suit a variety of trailer applications with sizes from 8" to 16".

It is important to know that the legal requirements for tyres are the same for trailers as for other vehicles on the road and that radial and cross ply tyres must not be mixed. When selecting wheels and tyres it is essential that they have a load rating suitable for the gross weight of the trailer on which they will be used. *Please refer to table overleaf.*

The majority of Peak equipment uses studs and nuts to attach the wheels and the main sizes of wheel nut are 3/8" UNF, M12 and M16. The nut must have a profile to suit the wheel seating and be tightened to the correct torque using a torque wrench. Recommended torque settings are as follows:

3/8" UNF and M10:	40-45 lbs.ft	or	55-61 Nm
M12-M14	66-74 lbs.ft	or	90-100 Nm
M16	74-103 lbs.ft	or	100-140 Nm

These settings are subject to tolerances depending upon the wheels used.

It is very important that the wheel studs and nuts are tightened in the correct order, each nut being tightened progressively, in turn diagonally until the correct torque is reached. Please note that air-driven nut-runners can easily exceed the recommended setting and this may cause damage to the seating.

Put Peak into Practice

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