

The value in the International (SI) units is given by multiplying the following exact factors: One pound (mass) = 0.45359237 kilograms Standard gravity = 9.80665 m/s One foot = 0.3048 m This gives the exact conversion factor:

So there you have it: a professional automotive engineer's explanation on how horsepower can be defined in foot-pounds, but its major component - torque - is measured in pound ...

Pound-feet (lb-ft): Almost always used for torque. It's the same numerical value as foot-pounds when referring to torque, but the order emphasizes the force and distance involved in creating rotational force.

It would be easy to assume "foot-pounds" and "pound-feet" are interchangeable. The truth is they're not synonymous. They are separate and distinct units of measure. They can be converted ...

The name "pound-foot", intended to minimize confusion with the foot-pound as a unit of work, was apparently first proposed by British physicist Arthur Mason Worthington.

The foot pound and pound foot are a fertile source of confusion: confusing mass with force, and confusing torque with energy, because both have the dimensions energy and length.

Do a quick conversion: 1 foot pounds = 1 pound feet using the online calculator for metric conversions. Check the chart for more details.

You will find engine torque quoted in either foot-pounds or pound-feet with apparent interchangeability, almost as if the two terms have the same meaning. Some sources use foot ...

It is the measured amount of rotational force exerted on a given length bar from a central point. Take the length of the bar and multiply the amount of weight on the end of the bar and you get ...

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In the imperial system, the standard unit for measuring torque is the foot-pound (ft-lb). This unit quantifies the rotational force by combining a force measured in pounds with a distance ...

each separate, distinct units of measure. However, as it turns out, foot-pound and pound-foot can be converted between one another via complicated math, even. what each unit is, and what it ...

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