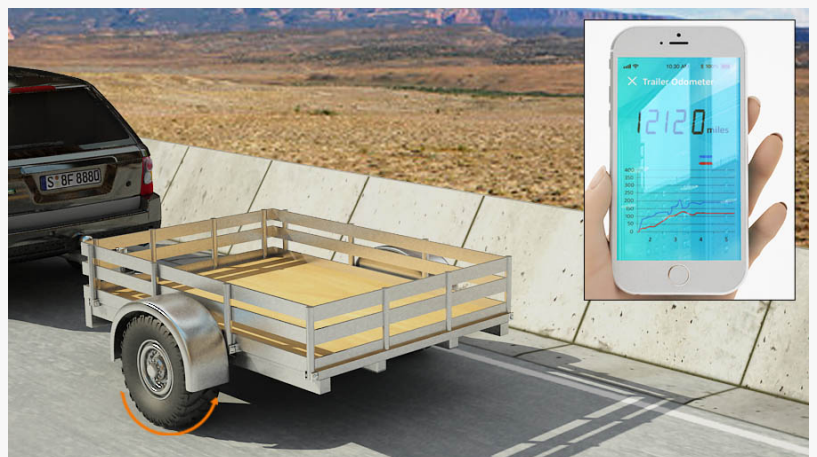


Trailer Odometer Introduces Mileage Tracking System for Improved Trailer Maintenance, Inspection, and Ownership Records

PITTSBURGH, PA, UNITED STATES, August 11, 2026 /EINPresswire.com/ -- Randy T. of North Grosvenordale, CT is the creator of the Trailer Odometer, a new trailer monitoring system developed to provide an accurate method of tracking the cumulative miles traveled by virtually any type of towed trailer. The system is designed for both original equipment integration and aftermarket installation and measures wheel rotation to convert that data into total mileage. It provides owners, fleet operators, and prospective buyers with information that has traditionally been unavailable for non-powered trailers.

Most trailers do not include an odometer or other mechanism for recording accumulated mileage, unlike vehicles and commercial trucks. Trailer owners often have limited information regarding the actual amount of use a trailer has experienced. This lack of usage data can make it difficult to establish appropriate maintenance intervals for components such as wheel bearings, tires, suspension systems, and braking assemblies. Similarly, individuals purchasing used trailers frequently have no reliable method of determining the extent of



previous use or wear before making a purchase.

Trailer Odometer introduces a dedicated mileage tracking system that continuously records trailer travel independent of the towing vehicle. The system may be incorporated into new trailer designs as an integrated component or installed as an aftermarket solution on existing trailers. Both configurations are intended to provide users with an accessible and reliable indication of cumulative trailer mileage throughout the service life of the trailer.

One implementation incorporates sensing components within or adjacent to the trailer's wheel lug nuts or wheel hub assembly. Magnets and rotational sensors detect tire revolutions as the trailer travels, and onboard electronics convert the measured wheel rotations into total distance traveled based on the wheel circumference. Mileage information can then be displayed locally or transmitted wirelessly for convenient viewing.

An alternative aftermarket embodiment utilizes a compact electronic module installed near the trailer hitch. This version similarly detects wheel rotation and calculates total mileage without requiring extensive modification to the trailer. Regardless of the installation method, the accumulated mileage may be displayed directly on the electronic module or transmitted wirelessly to a compatible smartphone application, allowing users to review trailer usage data quickly and conveniently.

Providing an accurate mileage record offers practical advantages throughout the trailer ownership lifecycle. Maintenance schedules can be based on actual trailer usage rather than estimated operating time. Recorded mileage may also assist buyers and sellers of used trailers by providing an additional metric for evaluating overall condition and expected service life. Fleet operators, rental businesses, and commercial organizations may also benefit from standardized mileage records for maintenance planning and asset management.

Key features and benefits include:

- Tracks cumulative trailer mileage using wheel rotation rather than relying on estimates of trailer usage.
- Available as either an integrated factory-installed system or an aftermarket retrofit for existing trailers.
- Utilizes magnets and rotational sensors to measure tire revolutions and convert them into total miles traveled.
- Supports maintenance scheduling by providing accurate mileage data for components such as wheel bearings, brakes, tires, and suspension systems.
- Applicable to a wide variety of trailer types used for recreational, commercial, agricultural, and utility purposes.

Trailer Odometer provides information that can support maintenance planning, improve asset management, and enhance transparency during trailer ownership and resale. The system offers

a way to document trailer use while promoting more informed maintenance decisions and helping improve long-term operational reliability.

Randy was issued his Utility Patent from the United States Patent and Trademark Office (USPTO) and is working closely with [InventionHome](#), a leading invention licensing firm, to sell or license the patent rights to his Trailer Odometer product. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Trailer Odometer can contact InventionHome at member@inventionhome.com. Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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