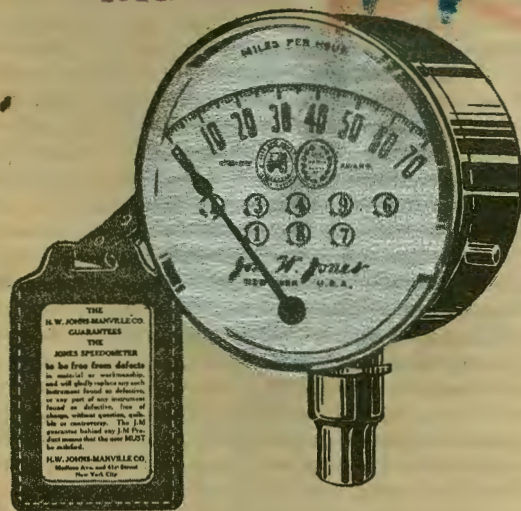


H. Cuntz,

1913 Show

### H. W. Johns-Manville Co.

Akron	Columbus	Los Angeles	Portland, Ore.
Albany	Dallas	Louisville	Rochester
Atlanta	Dayton	Memphis	St. Louis
Baltimore	Denver	Milwaukee	St. Paul
Birmingham	Detroit	Minneapolis	Salt Lake City
Boston	Duluth	Newark, N. J.	San Francisco
Buffalo	Galveston	New Orleans	Seattle
Charlotte	Houghton	New York	Syracuse
Chicago	Houston	Omaha	Toledo
Cincinnati	Indianapolis	Philadelphia	Washington
Cleveland	Kansas City	Pittsburgh	Wilkes-Barre
	Youngstown		



# Backing up the Jones Speedometer

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# Jones Speedometer *plus* H. W. Johns-Manville Co. Service

How the mechanically perfect speed recording  
instrument was linked with equally  
perfect universal service



Circles on map indicate location of principal J-M  
Branch Service Stations.

Dots on map show center of territory where J-M  
Direct Representatives are located.

**T**HE man who owns a dollar bill is assured  
of service, whether he is in Portland,  
Maine, or Portland, Oregon.

Uncle Sam guarantees the integrity of the  
dollar bill.

— and with the same integrity, backed by  
a guarantee that is just as absolute, the H. W.  
Johns-Manville Company, with its five millions  
of capital and its long and enviable record of  
business successes, stands squarely back of  
every Jones Speedometer sold.

Copyright, 1913  
By  
H. W. Johns-Manville Co.  
New York

With the same promptness that the owner of a dollar bill is assured of adequate service in whatever part of the United States he may be, so the owner of a car equipped with a Jones Speedometer is assured of adequate, national service. In fact the comparison can be extended further, for the Canadian H. W. Johns-Manville Company, Ltd., also has Speedometer Service Stations in Canada.

—and to symbolize this guarantee of mechanical perfection and universal service, every Jones Speedometer has an H. W. Johns-Manville Co.'s guarantee tag attached.

This tag was decided upon by the H. W. Johns-Manville Company only after their engineers had reported that the Jones Speedometer was unquestionably the most dependable speedometer manufactured.

## Makes H. W. Johns-Manville Co. Responsible

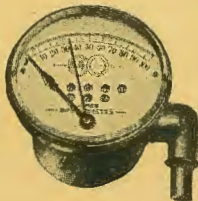
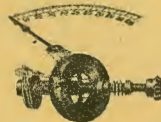
The placing of the J-M Guarantee Tag on the Jones instrument relieves the car manufacturer, the car dealer and the car owner of speedometer worries. It puts the repair and adjustment of Jones Speedometers squarely up to the H. W. Johns-Manville Company, with its wonderful system of Branch Service Stations and direct representatives all over the country.

## 49 Service Branches, 589 Direct Representatives

The man whose car is equipped with a Jones Speedometer can make a ten-mile trip, or he can travel the length and breadth of the United States and Canada, secure in the knowledge that, should his speedometer require adjust-

ment or repairs, there is a Johns-Manville Service Branch, or a Johns-Manville representative within easy reach.

Such universal service can be honestly claimed by no other Speedometer manufacturer. The H. W. Johns-Manville Company has, at the present time, *forty-nine Branch Service Stations and five hundred and eighty-nine direct representatives*. Think of it! Twice as many Branch Service Stations and three times as many representatives as any other manufacturer of speed recording instruments—and, as soon as may be necessary, there will be more J-M Service Branches and more representatives.



## What It Means to You

Equip your car with a Jones Speedometer and avoid unnecessary delays and annoyances in matters of adjustments and repairs. Enjoy an *accurate* record of your mileage and—with the instantaneous trip reset—keep track of your run from day to day. Note how easy it is to read the Jones Speedometer, with its *large, plain figures, its clock-face dial and steady hand*.

## Geared to the Truth

The Jones Speedometer operates on the well-known principle of centrifugal force—a law as absolute as that of gravity.

A heavy brass ring swings freely on fixed pivots mounted on a spindle. This spindle is rotated through the medium of gears and a flexible shaft from the road wheel. The heavy brass ring, owing to centrifugal action, has a tendency to assume a position in a plane at right angles to the spindle. In doing this the ring operates a cam movement which, in turn, moves the indicating hand to the correct position on the dial. The entire movement is as simple as it is accurate. Mr. Joseph W. Jones, the inventor, will continue to give the H. W. Johns-Manville Company the benefit of his skill and experience.

Jones Speedometers are fitted with self-enclosed odometers which register, in miles and tenths, cumulative season's mileage up to 100,000 miles and trip mileage up to 100 miles.

And, note this, one touch of a button *instantly* resets the Jones Odometer, same as a stop watch. The old-style odometer has to be set back by an infinite number of pushes or turns of a stem.

The Jones Odometer registers both forward and backward car travel, which insures an absolutely correct mileage record. This is a feature that permits of attachment to either the right or left wheel of the car at will.

Don't buy an out-of-date odometer when you purchase a speedometer. Get a Jones Speedometer with all the modern refinements. The Jones is as far superior to the ordinary speedometer as a twenty-one jewel watch is superior to a sun dial.



Model 75. Price, \$75.00

4 $\frac{1}{4}$ " dial, 80 mile speed scale, with large, equally spaced figures. Low initial speed indication. Large Odometer figures, registering to 100,000 miles and repeat for the season, and 100 miles and repeat for the trip. Tenths of miles shown by red right-hand figures. Instantaneous trip reset. Standard finish, black enamel with nickel trim; brass ring optional.



Model 175. Price, \$125.00

Same as model 75, with 3" Chelsea 8-day stem wind and stem set, clock and electric light.



Model 60. Price, \$60.00

4" dial, 70 mile speed scale, with large equally spaced figures. Low initial speed indication. Large Odometer figures, registering to 100,000 miles and repeat for the season, and 100 miles and repeat for the trip. Tenths of miles shown by red right-hand figures. Instantaneous trip reset. Standard finish, black enamel with nickel trim; brass optional.



**Model 160. Price, \$110.00**

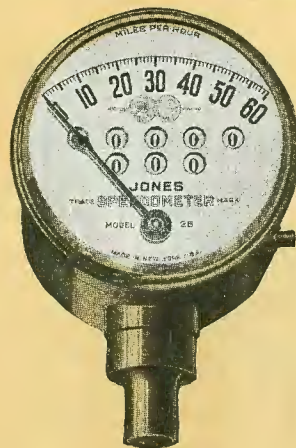
Same as model 60, with 3" 8-day Chelsea clock, stem wind and stem set and electric light.

**Model 360. Price, \$100.00**

Same as model 60, with 3" Boston 8-day stem wind and stem set clock and electric light.

**Model 560. Price, \$80.00**

Same, with 3" 8-day Jones Special clock.



**Model 25. Price, \$25.00**

3" dial, 60 mile speed scale, with large, equally spaced figures. A large figure Season and Trip Odometer, registering to 100,000 miles and repeat for season, and 100 miles and repeat for the trip. Tenths of miles shown by red right-hand figures. Instantaneous trip reset. Standard finish, black enamel with nickel trim; brass ring optional.



Model 525. Price, \$45.00

Same as model 25, with Jones "Special" 8-day clock and electric light.

## Tests Prove Superiority of Jones Speedometer

The Jones Speedometer is far more accurate than any magnetic speedometer can be.

Tests made at Columbia University demonstrate that fluctuation of the Jones instrument, owing to change in temperature, is almost imperceptible; whereas the magnetic type of instrument varies from 20 to 35 per cent.

In the test the instruments were connected to a common shaft. Readings were made at 16 F, 48.2 F, 71.4 F, 107.6 F, and 137.5 F at 10, 20, 30, 40, 50, and 60 miles per hour.

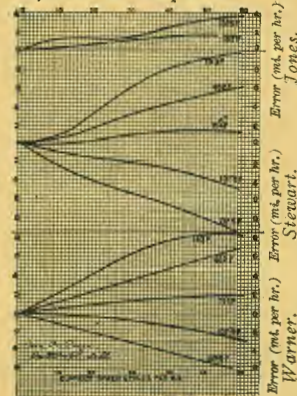
Science shows the superiority of the Jones Speedometer.

*The Army and Navy Journal, August 27, 1910, says—*

"Magnetic Speedometers used by automobiles to register speed, are so inaccurate as to make them practically useless, as is demonstrated by an investigation just completed by the Bureau of Standards. The Bureau of Standards, after a thorough investigation, reports that the magnetic instruments show a variation during hot and cold weather of 28 per cent."

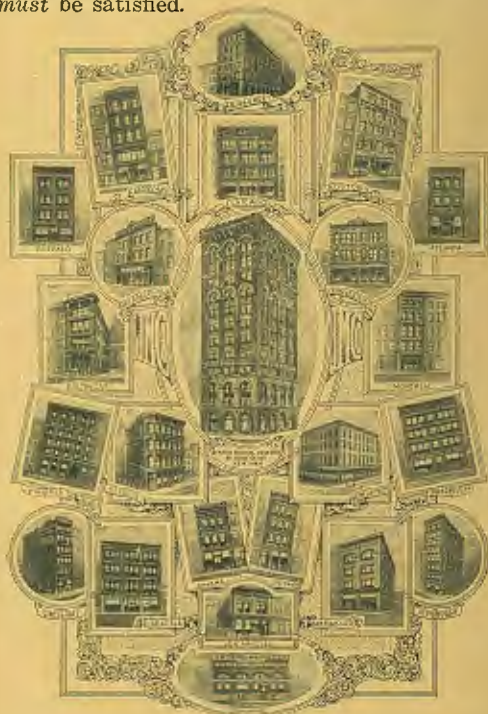
The Armour Institute of Technology says: "Uncompensated magnetic speedometers vary uniformly with the temperature."

Why not equip your car with a Jones Speedometer—the instrument that is "geared to the truth."



## Guarantee

The H. W. Johns-Manville Company guarantees the Jones Speedometer to be free from defects in material or workmanship, and will gladly replace any such instrument found so defective, or any part of any instrument found so defective, free of charge, without question, quibble or controversy. The J-M guarantee behind any J-M Product means that the user *must* be satisfied.



Principal Offices of H. W. Johns-Manville Co.

## A Few Other J-M Auto. Products

Carter Carburetor  
Long Automobile Horn  
Arnold Vaporizer  
Arnold Electric Heating Plug  
J-M (Mezger) Soot-Proof Spark Plug  
Spark-No Burglar Alarm Automobile

Lock

J-M Mobilite Electric Lamps  
J-M Non-Burn Brake Lining  
J-M Permanite Sheet Packing  
J-M Mobilene Sheet Packing  
No. 629, Asbestos Yarn  
J-M Vulcabeston Rope Packing  
J-M Mogul Valve Packing  
J-M Permanite Washers  
J-M Red Generator Tubing  
J-M Metallo Metal Polish  
J-M Leak-No  
H-O Pipe Joint Cement  
J-M Asbestos Motor Cement  
J-M Transite Asbestos Shingles  
J-M Asbestos Roofing  
J-M Asbestoside  
J-M Transite Asbestos Wood  
J-M Asbestos Roll Fire Felt  
Manville Fire Extinguisher  
J-M Success Fire Extinguisher  
J-M Fyro Fire Extinguisher  
J-M Friction Tape  
J-M Dry Batteries  
Battery Ammeters  
"Noark" Enclosed Fuses

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## SERVICE STATIONS

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 Birmingham, Ala., 851-852 Brown-  
 Marx Building  
 Boston, Mass., 55, 57 & 59 High St.  
 and 109 Massachusetts Ave.  
 Buffalo, N. Y., 206-208 Main St.  
 Charlotte, N. C., 1117 Commercial  
 Bank Building  
 Chicago, Ill., 322 N. Michigan Ave.  
 and 1428 S. Michigan Ave.  
 Cincinnati, O., 654-656 Main St.  
 Cleveland, O., 813-815 Superior Ave.,  
 N. W.  
 Columbus, O., 45 West Long St.  
 Dallas, Texas, 503 Sumpter Bldg.  
 Dayton, O., 259 Fourth St.  
 Denver, Col., 534 Denver Gas & Elec.  
 Light Building  
 Detroit, Mich., 72 Jefferson Ave.  
 and 872 Woodward Ave.  
 Duluth, Minn., 205-206 Providence  
 Building  
 Galveston, Texas, 2209-11 Strand St.  
 Houghton, Mich., 96 Sheldon St.  
 Houston, Texas, 706 Stewart Bldg.  
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 Kansas City, Mo., 1321-1323 Main St.  
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 Milwaukee, Wis., 201-231 Clybourn St.  
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 Gravier Sts.  
 New York, N. Y., Madison Ave. &  
 41st St. and 2160 Broadway  
 Omaha, Neb., 1003 Farnam St.  
 Philadelphia, Pa., 21, 23 & 25 N.  
 Second St. and 514 N. Broad St.  
 Pittsburgh, Pa., 100-102 Wood St.  
 Portland, Oregon, 22 Front St.  
 Rochester, N. Y., 521 Chamber of  
 Commerce  
 San Francisco, Cal., Second & How-  
 ard Sts.  
 Salt Lake City, U., 307 Dooly Bldg.  
 Seattle, Wash., 1020 First Ave.—So.  
 St. Louis, Mo., 501-505 N. Third St.  
 St. Paul, Minn., 615 Ryan Annex  
 Syracuse, N. Y., 344 Gurney Building  
 Toledo, O., 1014 Grand St.  
 Washington, D. C., 304 Union Trust  
 Building  
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 Building  
 Youngstown, O., 502 Stambaugh Bldg.

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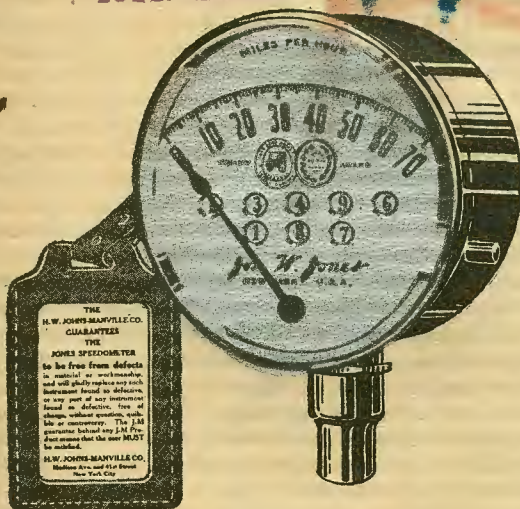
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