

		(0		
57 Dorris	Pullman & Enger	35 Pierce-Arrow	26 White	14 Studebaker	7 Argo
se Stutz	46 Ford	36 Chalmers	25 Oldsmobile	15 Oakland	6 Standard 8
55 Lewis	45 Regal	37 Reo and Premier	24 Buick	16 o	5 Jackson
54 Baker, Rauch⟪	44 Jeffery	38 Chevrolet	Marmon Apperson	17 Hollier	4 Kissel-Kar & Westcott
63 Metz	Cole & Grant	39 Cole & Grant	22 Stearns	18 Mitchell	3 Paige
52 Owen Magnetic	42 Allen	40 King	Briscoe	National & Case	2 Paige
51 Maxwell	Peer	' '	RANCE Dodge a	20 nd Simplex	Scripps- Booth

ALUMINUM PISTONS A SAVER FOR AUTOS

Universal use of aluminum alloy pistons in the construction of automobile motors was predicted today by engineers and aumobile manufacturers who are here at-ming the Automobile Show. The one flux-sack just now, according to motor manufacturers, is the scarcity of alum-

An aluminum piston weighs about oneand as much as the same size and shape m platen," said a representative of the One Moter Car Company today.

Every time a piston reaches the end its stroke it has to be stopped and arted moving in the opposite direction. inc. it takes power to overcome the five it takes power to overcome the five of inertia of the piston, and by minima the weight of the piston itself to force or inertia that has to be over-use at each end of the stroke is restend and it is because of this reduction that the various phases of the motor's continuous are effected.

"One will notice with an aluminum pis-im motor that it will add life to the motor doing the same amount of work the less effort. This is because the ac-cieration forces of an aluminum piston to less than cast iron, therefore reduc-teral from treatments. in from reciprocating parts such he bearings and connecting rods.





AUTOMOBILE EXHIBITORS

Space Company Bahtbiling Space Company Bahtbiling Space Company Bahtbiling Space Company Bahtbiling Space Company Santbiling Santbil
2. Bigelow-Willey Motor Co. Paige 3. Bigelow-Willey Motor Co. Paige 4. Baker-Price Company Rissel Kar- Westcott Westcott 38. Chevrolet Motor Co Chavrolet
S. Bigelow-Willey Motor CoPaige 4. Baker-Price Company, Rissel Kar- Westcott 38. Chevrolet Motor CoChalmers 38. Chevrolet Motor CoChevrolet
4. Baker-Price Cempany, Rissel Kar- Westcott 38. Chevrolet Motor Co Chevrolet
Westcott 38. Chevrolet Motor Co Chevrolet
5. Steever-Hanneld Meter Co., Jackson 89. L. S. Bowers Co Cole-Grant
6. Eastern Motors CorpStandard "5" 40. King Car Phile. Agency. King
7. J. Crawford BartlettArgo 41. Girard Automobile CoPeerless
8. Mercer Co. of PhilaMercer 42. W. D. ShepherdAllen
B. Johnson Motor Car Co Haynes-Saxon 48. L. S. Bowers Co Cole-Grant
10. Gemery-Schwartz Mr Co., Hudson 44. Jeffery Sales Co Jeffery
11. Gomery-Schwartz Mr Co., Hudson 45. Regal Sales Organization. Regal
12. Overland Motor Co Willys-Knight 48. Ford Motor Co Ford
13. Overland Motor CoOverland 47. Standard Motor Car Co., Pullman-Eng
14. Studebaker Corporation Studebaker 48. Tioga Automobile Co Hupmobile
15. Oakland Motor CoOakland 40. Sweeten Automobile CoFranklin
16. Baker-Hell Motor CoMcFarlan 50. Stanley Motor Car'ge Co Stanley
17. Colonial Motor Co Hollier 51. Maxwell M'r Sales Corp Maxwell
18. Carl H. Palge Motors Co., Mitchell 52. Carl H. Palge Motors Co. Owen Magnet
19. National Motor Co National-Case 53. Mets Company Mets
20. Thornton-Fuller Auto Co., Simplex-Dodge 54. Baker R. & L. Elec, Co., Baker-R. & L.
21. Walter W. Longstreih, Inc. Briscos Electrica
22. Yerkes-Eveland Co Stearns 55. Walnut St. Motor SalesLewis
23. Fanning Motor Car Co, Apperson-Mar- 58. S. R. Blocksom M'r Co Stutz
men 57, J. Harry Schumacker &
24. Buick Motor CoBuick CoDorris
25. Oldsmobile CompanyOldsmobile 58. W. W. GawthropBell
26. White Company
27. Locomobile Co. of AmerLocomobile 60. Detroit Electric Auto Co. Detroit Elec.
15. Johnson Motor Car Co Haynes-Saxon 61. Biddle Motor Co Biddle
29. Le Roche Bros
31, Winton Motor Car Co Winton 64, P. S. Pullen
32. Flat Motor Co Plat 65. D. M. Martin Paterson 33. W. P. Herbert Chandler

Space Company ErAbbiting 87. Chas E. Miller

ADD TO TIRE'S MILEAGE

D. E. Hunt, head of the McNaull Tire Company, 700 North Broad street, claims 8000 miles for his tire. He says:
"Our success is due principally to our construction, which differs very much from the ordinary pneumatic. Instead of the base of our tire being rubber and fabric, we used pressed steel flanges. This makes our base rigid without air. It allows us to carry a low pressure of ten pounds to each inch of tire diameter, and this gives greater resiliency."

HERE'S A REAL AUTO LAW; IOWA TAGS LAST 3 YEARS

The new automobile registration law which went into effect this year in the State of Iowa provides for numbered plates for three years.

An owner paying the license fee for 1916 will receive number plates for three years. In 1917 and 1918 notice will be sent from

the State to the owners to pay the regis-tration fee for those years.

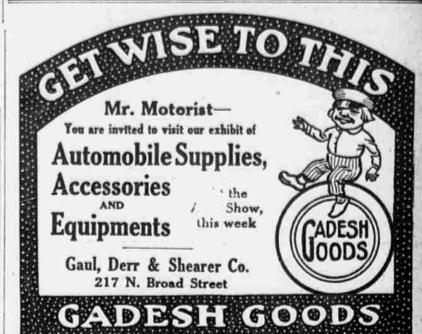
TO MOTORTRUCK MEN

Invitations have been extended to a the agents who are visiting Philadelphi for the automobile show by the Republi Motor Sales Company, 160 North

street. The complete line of trucks manufac-tured at Alma, Mich., will be on exhi-

The Republic is built in three-quarter, one, two and three ton models—which, when analyzed, means that the whole scope of transportation has been covered in the manufacture of the line.

In Philadelphia among the prominent users may be mentioned the Crew Levick Company, Union Transfer, Glass & Nachod and Jordan Coal Company, and in Wilmington, Del., the Wilmington Transfer Company, Open house will be maintained all week. Both Mr. Hyneman, the president of the company, and R. G. Larimer, the sales manager, have made plans to entertain the agents who have expressed their intention of taking the expressed their intention of taking the





The Masterpiece of the Veteran Builder 1916



Chevrolet "Four-Ninety" Car

equal except in size to Chevrolet "Baby Grand," and other makes of higher price. The lowest price real automobile yet produced. It has no competition. \$490 f. o. b. factory; electric lights and starter, \$60.00 extra

CHEVROLET "FOUR-NINETY"

The "Four-Ninety" is a real automobile. It has a quiet, power-ful valve-in-head motor. It has ful valve-in-head motor. It has looks—it has style—it is beautifully finished and rides like a cradle. The "Four-Ninety" has the following novel and superior features not

found in any other car: Shock absorbing duplex front springs, self lubricating clutch collar, hub construction with triple size bearings; compound spur steering gear attached to body; unit power plant; stream line front; crown fenders; cellular radiator; flush side body and concealed hinges; three speed transmission; 34 floating axle; cantilever springs; ventilating wind shield; mohair top and the world famous zenith carbure-

\$490

THE VETERAN BUILDER

W C. Durant organized the world's greatest and most successful automobile company, and at present is the head and leading spirit of Chevrolet Motor Company, one of the strongest financially in the automobile manufacturing field. W. C. Durant is not new to the automobile industry. It was his master mind that built up the General Motors Company, one of the largest and strongest organizations in the world to-day. The Chevrolet's cleanly lines mirror the industrial straightness of its builder; its stanchness is emblematic of Mr. Durant's determination to lead; its materials reflect the fiber of Mr. Durant's personality, and the completed vehicle is an entire living personification of this modern miracle

CHEVROLET

"BABY GRAND" If you can't afford to pay \$750 for an automobile YOU are not being FAIR to yourself unless you in-vestigate thoroughly the "Baby Grand." Its clean lines make you proud of your ownership-to say nothing of the pride and joy while passing others with this car of

wonderful performance
That feeling of certainty when
you "start your trip" that you will
get there enjoying all the comforts
of motoring will alone justify your
purchase of a Chevrolet. While we
could go into elaborate details, we
invite your inspection and see you invite your inspection and ask you to take a ride. Then ask your friend "who owns one" about Chevrolet service and you will purchase the car with the quiet valve-in-head motor.

\$750

CHEVROLET "BABY GRAND"

Car with the quiet valve-in-head motor. Sweetest running and most harmonious motor car built to-day. \$750 f. o. b. factory

CHEVROLET MOTOR COMPANY OF PA., Inc.

334-336 North Broad Street

PHILADELPHIA, PA SHOWN IN CONVENTION HALL, SPACE 38.

CHEVROLET MOTOR COMPANY

Factories: Flint, Mich.; Oshawa, Ont.; Tarrytown, N. Y.; St. Louis, Mo.; New York City, N. Y.