

# NASH CARS POSSESS 7-BEARING MOTORS

### Smoothness and Quietness Gains Widespread Popularity for Machines

The new smoothness and quietness in performance qualities which is gaining widespread popularity for all the new Nash models has been made possible by the introduction in all Nash cars of the 7-bearing crankshaft.

In this connection it is noteworthy that Nash makes these crankshafts in their own plants. Thirty-five operations are required and the closest limits of precision are rigidly adhered to, a degree of accuracy which gives them their "machine tool" perfection. This engine design reduces distortion in motor action to the very minimum by holding the crankshaft rigid throughout its entire length. Seven bearings are the maximum number of bearings it is practical or even possible to use on a six-cylinder motor crankshaft. This makes certain that the crankshaft is supported at every necessary point not merely on the ends or at one or two places in the middle—but by sturdy main bearings.

This principle counteracts the constant downward motion in the pistons and connecting rods, a motion incident to every powerstroke and produces a resulting smoothness which is characteristic only of the 7-bearing type of construction.

For it is the crankshaft which receives the pressure exerted on the pistons and transmits the power through the propeller shaft and the rear axle to the rear wheels which propel the car.

Absolute smoothness and quietness cannot therefore be achieved unless this power which leaves the crankshaft and goes to the flywheel and other driving members is absolutely smooth and noiseless.

Naturally enough, with six connecting rods ramming down on the crankshaft with ceaseless vigor, such forces would tend to cause deflection of the shaft. Deflection would in turn result in noisy operation and roughness.

Consequently, instead of trying to forestall noisy deflections through some other means, Nash engineers have absolutely assured the highest efficiency in the most vital part of the motor, and have safeguarded its regular smooth operation by supporting the shaft with seven main bearings.

Bonesteel Motor Co., 474 S. Com'l, has the Dodge automobile for you. All steel body. Lasts a lifetime. Ask Dodge owners. They will tell you.

Only the better makes of tires give ultimate satisfaction. Buy the best, which in the end is the cheapest. Malcom's Tire Shop, 205 N. Com'l. Tel. 533.

Myers Creek, Brookings: Narrow mountain road. Passable. Brookings, California state line: Macadam.

Coo Bay-Roseburg Highway Pacific highway, Camas Valley, Myrtle Point, Coquille: Macadam. Ashland-Klamath Falls Highway Ashland, Klamath Falls: Macadam.

Willamette Valley - Florence Highway Junction City, Cheshire, Goldson, Blachly, Rainrock, Mapleton: Macadam.

Mapleton, Florence: Dirt road. Impassable after heavy rains.

Corvallis - Newport Highway Corvallis, Philomath, Wren, Eddyville, Toledo, Newport: Macadam. Roosevelt Coast highway open north to Otter Rock.

McMinnville-Tillamook Highway McMinnville, Sheridan: Paved. Sheridan, Willamina, Grande Ronde, Hebo, Tillamook: Part paved; balance macadam.

Tualatin Valley Highway Portland, Hillsboro, Forest Grove, Carlton, McMinnville: Paved.

Mt. Hood Loop Highway Portland, Government Camp, Hood River: Paved to Gresham; balance oiled macadam.

The Dalles-California Highway The Dalles, Dufur, Maupin, Madras, Redmond, Bend, Lapine, Crescent, Fort Klamath, Merrill, California state line: Macadam. New bridge over Crooked river open for travel.

Oregon - Washington Highway Pendleton, Washington state line: Paved.

Pendleton, Pilot Rock, Vinson, Heppner, Heppner Junction: Macadamized except between Vinson and Lena which is under construction.

Klamath Falls-Lakeview Highway Klamath Falls, Bonanza: Macadam.

Bonanza, Drews Valley section: Under construction. Use chains after rains.

Drews Valley, Lakeview: 8 miles macadam. Balance fair dirt road.

Bend-Lakeview Highway Bend, Lapine, Silver Lake, Summer Lake: Partly macadamized; balance fair dirt road.

Summer Lake, Paisley: 9 miles macadam; balance fair dirt road. Paisley, Lakeview: Macadam.

Lakeview, New Pine Creek: Partly macadamized; balance fair dirt road.

Central Oregon Highway Bend, Burns: First 12 miles macadam; balance fair dirt road. Burns, Crane: Macadamized.

Crane, Vale: Rough but passable.

Sherman Highway Biggs, Wasco, Moro, Grass Valley, Kent, Shaniko, Madras, Redmond: Bend: Macadam.

John Day Highway Arlington, Condon, Fossil, Spray, Dayville, Mt. Vernon, John Day, Prairie City, Austin, Unity: Macadam.

Unity, Cow Valley: New grade. Surfacing operations under way.

Cow Valley, Brogan, Jamieson, Vale, Ontario: Macadam.

Ochoco Highway Redmond, Pringleville, Mitchell, Macadamized and in good condition.

Mitchell, Antone, Dayville: Dirt road. Rough in places. Chains required after rains.

Crater Lake Highway Medford, Trail, Prospect, Fort Klamath: Macadam. Make local inquiry as to snow conditions before attempting trip.

LaGrande-Wallowa Lake Highway Road to Wallowa Lake LaGrande, Island City: Paved.

Island City, Elgin, Minam, Wallowa, Lostine, Enterprise, Joseph, Wallowa Lake: Macadamized and in good condition.

Baker-Cornucopia Highway Baker, Halfway: 30 miles macadam; 28 miles graded road; 3 miles fair country road.

Redwood Highway Connecting With Oregon Caves Grants Pass, Kerby, Crescent City: Graveled road in good condition.

Kerby, Oregon Caves: Graveled road in good condition.

McKenzie Highway Eugene, Belknap Springs, Sisters, Redmond, Bend: Macadam. Light fall of snow on pass. Liable to be blocked anytime.

Alsea Highway Corvallis, Philomath, Alsea Mountain: Macadam.

Alsea Mountain, Missouri Bend: Under construction; passable but rough. Missouri Bend, Walport: Macadam.

Baker - Unity Highway Baker, Foot of Mill Gulch: 10 miles macadam. 11 miles graded road.

Mill Gulch, Hereford: Graded road.

Hereford, Unity: Fair county road.

Pendleton - John Day Highway Pendleton, Pilot Rock, Lazinka Ranch: Macadam.

Lazinka Ranch, Albee: 12 miles

of unimproved mountain road. Steep grades and somewhat rough but passable.

Albee, Ukiah: Surfaced. Ukiah, Ritter: Rough mountain road. Steep grades. Liable to be blocked by snow anytime.

Ritter, Mt. Vernon: Partially graded and surfaced; fair condition.

Enterprise-Flora Highway To Lewiston, Idaho Enterprise-Flora: 27 miles improved road; remaining section rough country road.

Smith & Watkins for tire service at a lower cost. Vulcanizing and retreading, tube repairing. If you have tire trouble just call 44 Corner Court and High Sts. (\*)

### WHIPPET MACHINES HAVE GREATEST RACING POWER

(Continued from Page 1.)

size of the Whippet motor. The power plant was of four cylinder construction.

The speed of this car was 65.4 miles an hour. The larger cars failed to make the trip and even while they were running were never able to keep up with the smaller power plant.

The contest, which was for the George Bollot trophy, required full touring equipment. It is estimated that the cars which won first place also took second and third in a row are capable of a maximum speed of 110 miles an hour.

The constructional features of the Whippet motor follow the European type very closely including such features as a high compression ratio, long piston travel obtained through the use of a long stroke motor, and the inclusion of such elements of design as a full force feed oiling system, heavy duty water pump and full bond bearings on the crankshaft.

# CONSUMER CREDIT PROSPERITY BASIS

### Automobile Leader Names Cautions in Installment Methods in Address

Consumer credit has aided in maintaining our national prosperity, in the opinion of Alfred Reeves, general manager of the National Automobile Chamber of Commerce, addressing the National Association of Finance Companies at the Palmer House, Chicago, today (Nov. 15).

The record business which has been done this year by the automobile industry has been cited by economists as an aid to many branches of the trade, causing the purchase of raw materials and giving employment, the speaker noted.

This volume of business would not have been possible to the same degree without the means of financing purchases.

"It is sound economics to provide credit facilities for the consumer as for the producer," Mr. Reeves indicated. "Any form of financing is necessarily of value or otherwise according to the

soundness of the way it is handled.

"With time payment sales limited to one year, with a third down, and careful inspection of the risk, the transaction is usually amply protected.

"There is foolish time buying just as there is foolish cash buying.

"Making useful purchases on time, and within one's means, is simply setting up for one's self a program of saving and getting the use of the article during the period of saving."

Mr. Reeves estimated that the annual production of motor vehicles for the year at 4,500,000 a new record. He figured that without time-payment facilities a large number of the time purchasers would have paid cash, but the total automobile business would not have been up to the level of record prosperity, due to the inertia of people with regard to saving unless a program and method is laid out for them.

The Marion Automobile Co. The Studebaker, the world's greatest automobile value. Operating cost small. Will last a lifetime, with care. Standard coach \$1415. (\*)

Walter H. Zosel, automobile tires, tubes and accessories. Vulcanizing that holds. High quality, superior service. A trial makes a customer. 198 S. Com'l. (\*)

Brooks—Lamb Meadows growers ship 200 cars celery, one-half of 1926 crop.

# DRIVE WAGED UPON NEEDLESS NOISES

(Continued from page 1.)

tempting to pass another vehicle, the statement declares.

"A great many drivers are not content with a warning blast or two when they want to pass another machine. They blow the horn so excessively that, too often, the man in the machine ahead regards it as a challenge and refuses to grant a fair share of the road. Hundreds of races on the highway that have been attended by fatal or near-fatal results have been started this way.

"Probably the form of horn misuse that has given motorists more of a bad name than any other is at crosswalks.

"Although the pedestrian has the right of way at the intersection, thousands of motorists will dash up to the corner and count on a horn signal frightening the pedestrian out of his legal rights. It gives motorism a reputation for selfishness and discourtesy and the elimination of this form of noise would go an enormous way in healing the breach that exists between car owner and the non-motorist."

The motorist must start solving for himself or it will be undertaken by legislative agencies, municipal or otherwise, the A. A. A. declares. It suggests as a first step that each car owner determine for himself whether his signal device has a quality of mel-

lowness that makes it pleasant rather than an annoyance to all who hear it.

"Intelligent use of the horn is imperative. Thoughtless use of it may be dealt with by other agencies unless the motorist himself tackles the problem," the statement concludes.

Pontiac Six—still sweeping toward unchallenged leadership. Landau sedan \$895 f. o. b. factory. Easy to pay on General Motors time payment plan. Vick Bros. (\*)

G. W. Day, tires, tubes and accessories. Has the Goodyear tires, the standard of the world. Mr. Day can give you more mileage. Corner Com'l and Chemeketa. (\*)

### Lampblack Works Well as Reflector Cleaner

Lampblack, a soft black powder which can be purchased at any drug or hardware store, is excellent to clean lamp reflectors. A little lampblack on a soft cloth, rubbed over the surface of the reflector, will quickly restore its brilliancy. Rub with a circular motion. It will not scratch, and at the same time it leaves a certain film on the surface that prevents tarnishing.

If the surface is badly tarnished use a paste of lampblack and water, finishing with another cloth and dry lampblack.

### This Label Protects You



It's the logical thing to do —to buy your Used Ford Car from Your Nearest

This Label is your Guarantee of Value

### Authorized Ford Dealer VALLEY MOTOR CO.

264 North High Street

Telephone 1995

# How The Roads Are

November 17, 1926 Pacific Highway

Portland, Oswego, Oregon City, Salem, Albany, Harrisburg, Junction City, Eugene, Cottage Grove, Roseburg, Grants Pass, Medford, Ashland, California state line: Paved.

West Side Pacific Highway Portland, Newberg, McMinnville, Corvallis, Junction City, Eugene, paved.

Old Oregon Trail—East of The Dalles Ontario, Huntington, Baker, Union, LaGrande, Pendleton, Umatilla, Arlington, The Dalles: Oiled macadam entire distance and in good condition.

Old Oregon Trail—West of The Dalles Columbia River Highway The Dalles, Heppner, Portland, Rainier, Astoria, Seaside: Paved. Swenson-Astoria section under construction; one way traffic and subject to short delays.

Roosevelt Coast Highways Clatsop, Tillamook, and Lincoln Counties Astoria, Seaside: Paved. Seaside, Cannon Beach Junction: Macadam.

Mohler, Miami: Highway route via Brighton now open; under construction and traffic for Garibaldi and points south is urgently advised to take road via Foley creek which is gravelled throughout.

Miami, Tillamook, Hebo, Neke, Devils Lake, Siletz river: Part paved; balance macadam. Ferry across Siletz river.

Siletz river, Otter Rock: New dirt grade. Impassable.

Otter Rock, Newport: Macadam. Newport, Walport, Yachats: Beach road; ferry across Yaquina Bay and Alsea river.

Roosevelt Coast Highway Coo Bay and Curry Counties Lakeside, North Bend: Macadam. Ferry across Coo Bay.

North Bend, Marshfield, Coquille: Paved.

Coquille, Bandon, Port Orford, Euchre Creek: Macadam.

Euchre Creek, Gold Beach: Narrow mountain road. Fair condition.

Gold Beach, Myers Creek: Macadam.

# Announcing Two New DeLuxe Types

### unparalleled in elegance and luxury

Continuing its many triumphs of 1926, Oakland announces two superbly smart body types—the DeLuxe Coupe and the DeLuxe Landau Sedan on the famous Pontiac Six Chassis.

These were developed to meet the insistent demand for an inexpensive six-cylinder car, combining unusual power, speed and stamina with a rare degree of distinctive beauty and elegance.

Fenders as well as body, hood, lamps and top in modish Peter Pan Blue Duco. Artillery wheels in natural wood—special luxurious mohair upholstery—body hardware of period design—garnish rails and steering wheels of rich American walnut—nickel radiator—bumpers and rear vision mirror—such are the more important touches of distinction which lift the new Pontiac Sixes to the very forefront of the most fashionable creation of the day.

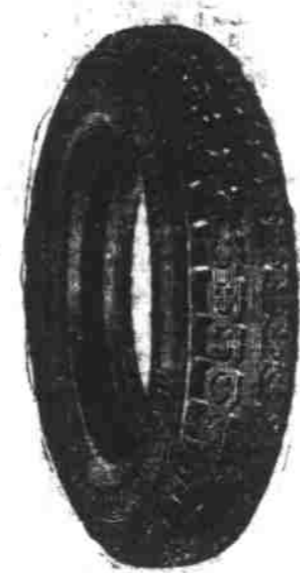
You will find these new Pontiac Six DeLuxe Types well worth a special visit to our showrooms. Prices only slightly higher than standard types—DeLuxe Coupe, \$895; DeLuxe Landau Sedan, \$975.

Pontiac Six, \$825 to \$975. Oakland Six, companion to Pontiac Six, \$1025 to \$1295. All prices at factory. Easy to pay on the liberal General Motors Time Payment Plan.

# PONTIAC SIX

### VICK BROS., Salem, Oregon

Associate Dealers MILLER MOTOR CO., Albany, Oregon; FRED T. BILYEU, Seilo, Oregon; E. E. TAYLOR, Lebanon, Oregon; SILVERTON MOTOR CAR CO., Silverton, Oregon; GEO. DORR, Woodburn, Oregon; C. J. SCHREVE & SON, Dallas, Oregon; HARRISBURG GARAGE, Harrisburg, Oregon; JOHNSON MOTOR SALES CO., Corvallis, Oregon.



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- Four Willys Knight Tourings ..... Prices \$700 to \$850
- Two Willys Knight Sedans ..... Prices \$900 to \$1400
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- Studebaker Light Six Sedan ..... \$850
- Two Maxwell Tourings ..... Prices \$375 to \$500
- Moon Sport Touring, wire wheels ..... \$450
- Cleveland Touring ..... \$350
- Templar four passenger sport touring, lots of extras \$800

Many of the above cars have extras and you will find them to be exceptional values for the prices quoted here. We will be glad to demonstrate any of them for you.

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