AUTO FANS MADE BY THE SPEEDWAY

Local Race Course Increases

Love for Sport by Leaps

and Bounds.

NOTED DRIVERS ARE ARRIVING

Pent Up Longing to Witness

Motor Contest Will Soon

Be Satisfied.

The stranger who visits Indianapolis may well imagine that the city is in the throes of speed mania. The Speedway is developing a class of fans that do not exist any other place on the American continent.

Now that the racing drivers are gathering and entering the events at the various courses, the people are becoming posted on racing and stock cars and becoming the most critical observers.

Monster automobiles in racing trim chug through the main thoroughfares throttled down to low speed and throbbing with suppressed speed held in reserve. Even the small boys are familiar with the most noted drivers.

Herb Lytle in his red Apperson Jack Rabbit is readily known by the small boy at a glance, while the public is always familiar with his car and achievements. That streak of red, white and blue which moves along with a muffled roar, volleying through the iron throated exhausts, the driver clad in a blue coat and with goggles pushed high, chewing a cigar, is Barney Oldfield. He is a familiar figure, and known everywhere in the city, followed by the small boy and envied by



EXPLAINS CAR'S S

EXPERT CITES AUTO

VIBRATION OF FRAME OF CHINES GIVES RISE TO S CONDITIONS BY EX ENCED DRIVERS

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Boys Know Drivers.

The tall lean unconcerned driver the great low green machine snorting through its six cylinders is Johnny Aiken, in the National Savannah racer. Other drivers there are and well known.

And what of these men, these pilots of monster racing cars that must travel at excessive speed, these men that court death at every turn of track and road. They are the pick of the nerviest men in the world.

Gladiators in the arena possessed no greater nerve than they, and now and then their number is decimated by accident which cripples and maims them. Is their mission one of speed only, or back of all this preparation and hazard

The manufacturer realizes that to perfect his product he must learn all its weak parts. Driving on the public streets does not teach him what they are. Excessive speed for hours will cause an engine that

what more is to be achieved?

speed.

would perform under ordinary conditions to almost burn up, and this is what he desires to know. Hence he looks for these deep-visaged warriors, who have the nerve to let the car out just a little faster than any one else, men who love to combat with each other in this duel or flight against time and each other; men who glory in the speed, speed, and still more

Race Tests Skill.

ing the wheel that the smallest variation means hurling them into eternity, guiding these snorting monster's through the long hours of a race, care ening, lurching and swaying from side to side of the course, watching contestants, score boards that whirl by in mad jumpled confusion, signals and signs that advise them of their posttion in the contest. Risking all and willing to risk more if necessary, to carry glory to the name of the car that they represent. Watch these stern-faced drivers, covered with dust from the course, as even a dustless course will sear their faces, causing the great deep lines show, with a determined/deathlike stare. Hour after hour whirls by and they stick to their post, smiling in grim determination or in desvair as they lose an advantage through accident or delay, as the slightest mishap means that they are los-

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Although a machine or en tached to any foundation, of anchored, may show excessi the center of gravity of the portions taken collectively, tion at all, says Motor Print fundamental fact which is ex entifically by saying that motion as a whole in a self-co tem are invariably due to fo from without,

It follows in consequence of ciple, that if a running engi suspended, its frame will, by compensate for the movem piston, so that the center o the whole engine has no cha Under these circums tion. whole frame of the engine is every moment in the opposit to that of the moving parts with a velocity inversely pro the respective masses.

Points to Single Cyli

A single cylinder engine m

as an elementary study in vib

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consist of the piston, connect crank shaft. Now the motion shaft is rotary, and a rotary be balanced by rotary balan which are arranged of such bring the center of gravity o shaft and balance weights exactly on to the crank axis. be arranged symmetrically given later. A crank shaft will, when running, be perfect that is to say, its center of gr tionary, and its motion will vibration in the engine frame ton has a straight line motion not be compensated for, or ba With muscles drawn and tense; clutchrotating part. The piston causes a straight line vibra frame of the engine, whose bears the same proportion to stroke as the weight of the to the weight of the remainde

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Well may it seem that the inhabitants of the city which is becoming famous for speed are looked upon by the stranger as speed mad.

REGAL USES REMY MAGNETO.

New York to San Francisco Scout Is
Well Equipped.

The Regal "Thirty" now forging its way

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