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# Every Stop at the Repair Pits Means Big Loss to Driver of Racing Auto

It is generally conceded by the motor car racing experts that, given different cars of comparative merits, the element of tire trouble in a race, such as the coming 500-mile event on the Indianapolis Motor Speedway, plays a large part in determining the winner. While it can not be said that tires were the cause of DePalma's defeat last year, when he put up a hard fight for first place, and it can not be said that lack of tire trouble is responsible for Dawson's victory in his National, it is interesting to note just what it means to have to stop and change a tire.

The average person may consider time lost only that is actually consumed at

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This means that during the fourth of a mile the National was running from eighty miles an hour to dead stand still, only an average of forty miles an hour. Then when the car left the pit it took another fourth of a mile to get back to eighty miles an hour. That means that instead of making that half mile at eighty miles an hour, it was made, due to the stop, at only forty miles an hour plus the actual standstill time lost at the pit.



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For example, the National that won last year's event would have finished the race away ahead of its present high record but for the few stops necessary. Actual time lost at the pits for tire changes and a fresh spark plug, all that was necessary on the car during the entire race, amounted to fourteen minutes. But Dick-

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DePalma last year lost only four minutes at the repair pits.

**Preparing for the Speedway**

learned that the motorcycle can do some things even better than an automobile, and has installed a motorcycle on which a uniformed mechanic rides to the aid of automobilists in trouble.

pleton, Wis., have added their names to the list of those who will tour Europe on motorcycles this summer. These boys expect to sail from New York on June 12.

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For example, the National last year's event would have been a half mile of the grand high speed but the time lost through the pit and the time lost for the change and a fresh start are all that was considered in the up during the entire race.

When it is considered that there were five such stops and four minutes of actual standing idle at the pits, it is not hard to imagine just how much farther along the race would have been had there been no such delay. Dickson says all this is done to be sure, but it is very important. "There are a lot of things that would not be a little thing and not a big thing, but they are all things that would make a great deal of a big race. Defeating the race would be a big thing at the repair pit."

## Preparing for the Speedway

# Every Stop at the Repair Pits Means Big Loss to Driver of Racing Auto

It is generally recognized by the motor racing experts that great differences of opinion exist as to the amount of time lost at the pits. In a recent contest at the Indianapolis Motor Speedway, there is some question as to determining the winner. While it can not be said that time was the cause of DePalma's defeat last year, when he put up a hard fight for first place, and it can not be said that lack of the trouble is responsible for Dawson's victory in his National, it is interesting to note just what it means to have to stop and change a tire.

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 the list of those who will...  
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 port to sail from New York on June 22.

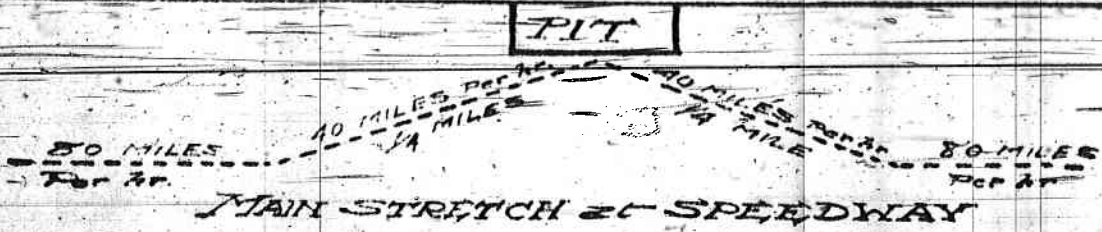
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