The Automobile

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AID TO SAFETY IN FOUR WHEEL BRAKES.

AID TO SAFETY IN FOUR WHEEL BRAKES. About a year and a half ago the sutomotive world was quite excited about the matter of brakes and much talk was being devoted to the four-wheel brakes innovation. It was sup-posed to represent a big advance in the amount of control a driver might have over his car. It was calculated that this new feature would tend to lessen accidents and prevent injuries. Un the light of the tested experience of the motoring multiudes who have used these four-wheel brakes during the last season, can they be consider-ed in general as a standard and gen-erally accepted feature of the better About a year of the better About a year of the better About the matter of brakes during the last season, can they be consider-ed in general as a standard and gen-erally accepted features of the better About a year of the better About the search of the search of the better About erally accepted feature of the better grade of cars?

CAUSE OF SKIUDING

APPLICATION OF BRAKES. It is recognised that in turning cor-nerse the outside front wheel revolves faster than the inside one. Therefore, if the brakes are applied equally the outside wheel naturally would trans-mit more of the braking power than the other. To overcome this difficulty some brakes are so designed that the brakes on the outside front wheel supplied that it will give quick action to take up lost motion in the linkage and in-shees contact with the drums. There is little doubt that four-wheel brakes could be secured when greater apped has a certain amount of energy A car running along at a certain speed has a certain amount of energy

apeeds were used. A car running along at a certain speed has a certain amount of energy stored in it. This car going down a that they represent a permanent asset hill has the amount of energy increas- to motordom.

Saving Sea Birds. 00

Thanks to the intervention of human eings, the fierce fight between sea birds and rats for supremacy on Ailsa Cralg, the rocky islet at the entrance to the Firth of Clyde has ended in the rout of the rodents.

the two great British-places for tens of thousands of sea birds. But about thirty years ago a few rats, swimning ashore from a wreck in the vicinity, established themselves on the island,

Last December the Royal Society for

the Protection of Bird's contracted certain fi

70 erally accepted feature of the better grade of cars? Probably the chief question has been as to whether brakes could be operat-ously interfering with freedom in reserving. To assure safety in stear-ously interfering with freedom in reserving. To assure safety in stear-ously interfering with freedom in reserving. To assure safety in stear-ously interfering with freedom in reserving. To assure safety in stear-ously interfering with freedom in reserving. To assure safety in stear-ously interfering with freedom in restearing, the front wheels are inclusing that controls the amount of an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude an angle that they point directly at the spot where the tires stude and under-graduated, and the ground. This eliminates the tenden-ty of adding at the sources the weight of the car. The set is if one backs abould hold more than ancher. Equalising bars or cables aimliar to those used when only trow brakes were employed and an equaliser between the front and rear parts of brakes are designed to equal-ise the braking powe. APPLICATION OF BRAKES. It is recognised that in turning cor-near the outside front wheel revolves faster than the inside one. Therafore One of the most picturesque and novel photos of Wembley is shown above. It was taken when their Majes-ties stiended the Thanksgiving service and shows the clerical procession marching across the arena.

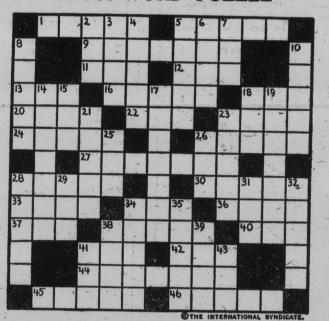
Natural Resources Bulletin.

The Natural Resources Intelligence Service of the Dept. of the Interior at

Little Janet, home from school un to be the most wicked. Becky Sharp's usually early, rang the doorbell, but green eyes played an important part in green eyes played an important part in her various conquests.

The "vamp" in modern fiction usuala brilliant idea struck her: She flattened her nose against the windowpane and in a shrill voice that must have reached the ears of every must have reached the ears of every black eyes; dark brown or dark gray neighbor, called out, "It's all right, eyes have the appearance of being mother; I'm not the installment man!" black in certain lights.

CROSS-WORD PUZZLE



SUGGESTIONS FOR SOLVING CROSS-WORD PUZZLES Start out by filling in the words of which you feel reasonably sure. These will give you a clue to other words crossing them, and they in turn to still others. A letter belongs in each white space, words starting at the numbered squares and running either horizontally or vertically or both.

HORIZONTAL

VERTICAL 2-Fish without ventral fins 3-Central line ounces per year.



car. please?"

"Are you going away?" "Yes, to Europe." "By which ship?" "Airship."

"But there is no airship pervic

"There will be by the time my is ready.'

Wonder where families used to but plunder years ago when there was no garages?

Timely Rhyme-"Hush, Httle vacant corner, don't your cry; you'll be a ing station bye and bye."

Heard on a Car. First Woman—"Did your lie a natural death?"

-Second Woman-"Oh, yes, he run down by a motor car."

Pedestrians should be thankful the they do not have to dodge bloycles an

Service of the Dept. of the Interior at Ottawa says:— - A very careful analysis of the world's silver production shows that about one-eighth comes from miners within the British Empire. Canada's silver mines have been the greatest producers within the empire for two decades, according to Dr. A. W. G. Wilson, of the Mines Branch of the Dept. of Mines. To-day Canada is the third largest producer in the world, being surpassed by Mexico and the United States only, who together con-tribute nearly 65 per cent. of the an-nual production. Native silver was known to the In-What is funnier than balloon tire on Ford wheels? Well, there's the gold monogram on the door of a Ford run about.

Most flivvers are filled with nuts.

Charity covers a multitude of sins Bo do closed cars.

Man's inhumanity to man make thousands hesitate at the curb.

tribute nearly 65 per cent. of the an-nual production. Native silver was known to the In-dians about Lake Superior before any Europeans set foot in that locality. Champlain mentions the occurrence of galena on the east shore of Lake Tenilskaming, directly opposito and but a few miles away from the fa-mous Cobalt areas of Ontario, but knowledge of the presence of silver is not recorded. Silver ores have since been found in Nova Scotla, New Brun-swick, Quebec, Ontario, Manitoba, Al-berta, British Columbia and Yukon. Records of production, which have been kept since 1858, show a total re-covery of silver to the end of 1923 of 451,000,000 fine ounces. Last year the recovery was slightly over 20,-000,000 fine ounces. The price of sil-yaverage on recard being \$1.23.2 per standard ounce 925 fine, and the low-est 47.2 cents. Present prices are pends more Even if a man does pass you with his auto, he may be behind with his

The average chauffeur certainly takes life easily.

Let those who never break the speed law cuss M.P.P.'s for breaking the dr

"Somebody put the hootch In my car," sounds fine, But nobody's ever, Put any in mine

The noise an automobile makes pends more upon the driver than up on the machine itself.

est 47.2 cents. Present prices are around 68 cents per ounce. The mines of Cobalt, South Lorrain and Gowganda, all in Northern OntI is not so much the living wage as tario, are Canada's principal silver the flyving wage that men demand producers. Since the first discoveries nowadays. nowadays. in this area, about twenty years ago, production has been close to 357 mil-

Correct This Sentence. lion ounces, while present production is at the rate of nearly nine million "My dear sir," said the traffic officer, "you disregarded my stop signal and jammed up traffic frightfully, but run along now and try to do better." Silver production in British Colum-bia and the Yukon is obtained from duction in British Colum-

bia and the ruken is obtained from lead-zinc ores. In 1901 the maximum production was obtained, 5,151,333 ounces, in British Columbia. Between whams you from behind.

1906 and 1915 silver production mark-edly declined, but since 1915 there have been slight advances, until at present the rate of production is about 8,000,000 ounces per year. A number of silver lead prospects were located in the Yukon, during the past few years, and rich ores are being mined in the Mayo district, where the present rate of production is about a book or a newspaper with the bright



The Locus in Quo.

Native-"Last week the boys hung our mayor in effigy." Tourist-"So! Where is Effigy?"

For ages Ailso Craig has been one of

and multiplied at such a rate that they soon swarmed over the whole rock. As the rats prospered the sea birds disappeared and in 1924 very few could be seen.

