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DODGE BROTHERS MOTOR CAR

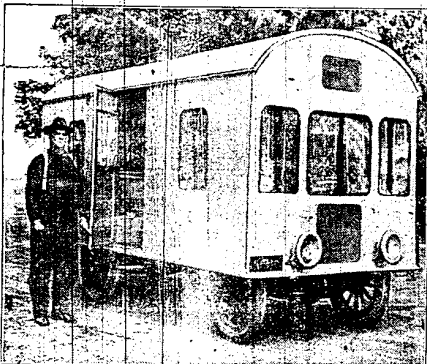
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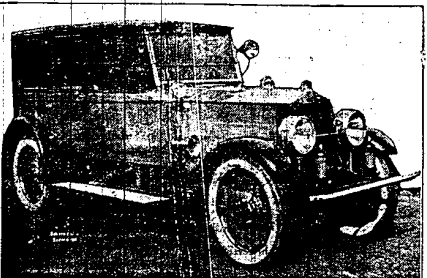
CALIFORNIAN CONSTRUCTS MOST COMPLETE HOME ON CAR WHEELS



Mr. R. E. Jeffrey, of Piedmont, Cal., arrived recently at Yellowstone Park with one of the most complete homes on wheels ever seen in that vicinity.

The body is built of fiber board, and the house contains every known modern convenience, with the exception of a bath. Mr. Jeffrey is no mean house-keeper and declares he is having the time of his life fogging around where ever fancy dictates.

GOVERNOR GENERAL OF MANCHURIA HAS MOST UNIQUE CAR EVER BUILT



The car owned by Tsen Tsu-Lin, governor general of Manchuria, is acclaimed the most wonderful car ever built. It is absolutely bullet-proof. An extraordinary attachment is the machine guns which can be projected by pivots in the rear of the car.

S. J. Guilloz G. E. Guilloz

TELEPHONE WALNUT 81

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Dealers in

GARLAND WARM AIR FURNACES
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Detroit, Mich.

BOULEVARD POLICE IN CHICAGO START "SAFETY FIRST" CAMPAIGN



At intervals along the prominent boulevards in Chicago, are signs warning automobilists to observe the law. Since the signs have been put up arrests for violation of automobile laws have decreased 20 per cent.

WIRE DEFECTS CAUSE TROUBLE

Welfare of Automobile Depends
to Large Extent on Good
Wiring.

NEEDS CAREFUL ATTENTION

Owners Should Familiarize Them-
selves With Electric System of
Their Cars—Dim Lights Are
Warning of Trouble.

The wiring of an automobile is its
vein system and owners ought to
familiarize themselves with the trou-
bles that poor wiring brings about.

A great many of the complaints at-
tributed to the storage battery, the
generator, starting motor, and
lamps are largely traceable to the
wiring between these units.

The first thing to do when the
lights grow dim and the starter is
weak is to test the battery solution,
and if its gravity is 1.250 or better
then the battery is all right. Since
the battery feeds at speeds usually be-
tween 15 miles an hour and the gener-
ator takes the whole load above that
speed, if the lights are dim below 15
miles an hour suspect the wiring; the
feed out of the battery, in other
words.

Due to bad connections.
Frayed insulation at the terminals
often allows a strand of wire to get
loose and touch another wire or con-
tact point, and you immediately notice
a slight irregularity in ignition or
lighting. In the average car the elec-
trical connections are in a bad place—
behind the instrument board—and you
must either remove the board or fuss
underneath and take a chance on try-
ing to feel the trouble. The charging
current travels through the am-
meter, if there is one. A bad con-
nection at the meter opens the circuit
and the guardian of the whole system
is put to sleep, which means you don't
know whether the battery is getting
food or not.

A car is driven over all sorts of
roads in all kinds of weather, and nat-
urally water and dirt will get onto
the parts. The wiring housed in a
frame channel or on the engine side of
the dash is not excepted. On a rainy
day the fan draft carries water into
the engine compartment and the wires
and cables get their share. Continue
this for many months and the cables
soon soak up enough moisture to keep
them constantly wet, hence giving con-
tinual trouble.

Should Be Protected.

In order that current flow be free
and uninterrupted, it is necessary that
the wires be properly protected and
that the terminals be clean and se-
cure. A loose connection does not al-
low of the full measure of current
flowing all the time.

One loose terminal wire can upset
the operation of the engine, one badly
corroded terminal might stop the en-
gine, prevent the starter from operat-
ing and the lights from burning.

The electrical wiring in your home
rarely gives any trouble because it is
well protected.

In the automobile much of the wir-
ing is not so protected, but the owner
can get equally good results by pro-
viding substantial coverings for each
cable and terminal so as to exclude
the trouble makers—water and dirt.
An occasional inspection and tightening
will defeat the effects of the vibration,
which is inevitable.

ANNOUNCEMENT—

AUTO REPAIRING

on

ALL KINDS OF CARS

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HOW TO DETECT DECAY IN TIRES

Signs of Old Age Much Like
Those in Men.

Wrinkles and Cracks in the "Skin"
Show Casing Is Getting Into
"Senility." See—Care in
Storing.

When numerous small slits and
cracks appear in a tire it is a sign
of the approach of old age. Auto
casings in this respect are like men
and women. Although they don't get
gray haired, they do become wrinkled
and cracked, often chalky white in
appearance.

The fabric in an old tire gradually
becomes brittle and hard, so that it
breaks easily. Like the bones of old
people, it is difficult to knit. The tire
surgeon's work becomes in difficulty
with the age of the casing.

Those whose strength is conserved
do not so readily show their age. The
best way to preserve their usefulness
is to take care of them. To hide the
effects of age and wear motorists fre-
quently "dole them up," painting the
side walls and washing with cleaning
solutions. Others pay no attention to
their appearance and permit them to
go shabby.

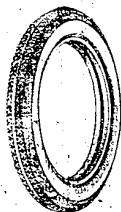
Ordinarily the small cracks appear-
ing on the side walls do little harm
unless they penetrate through the rub-
ber covering to the fabric underneath.
It is well worth the motorist's atten-
tion to have his casings regularly in-
spected.

Tires age fastest when lying
around. They are kept in best condi-
tion in actual service. If it is neces-
sary to store them they will retain
their life longest in an even and mod-
erate temperature and light.

Water Consumption.

An average American car uses for
all purposes from 50 to 125 gallons of
water a day for each inhabitant.

IT PAYS TO BUY KELLEYS



Park Garage

WE RECOMMEND—

COOTIE
TIRE PATCHESSOLD WITH MONEY BACK
GUARANTEE.

PARK GARAGE

FARMINGTON, MICH.

AUTO TOPS

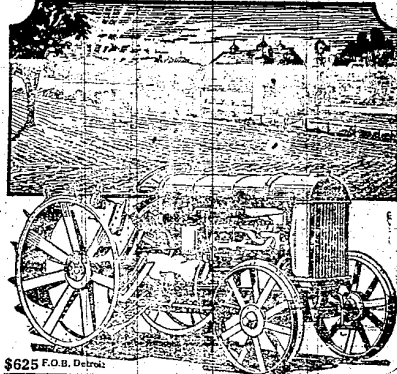
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most economical and most efficient manner, all
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