

CAN'T JUMP OUT OF CAR TO CHASE CATS



How the owner of the Irish Setter, Pat, manages to keep the pup from risking his life jumping from the moving car to chase cats. The little covered wagon keeps the dog safe. He's a Los Angeles dog.

THREE DEVICES WILL SAVE CARS

Minimize Wear and Increase Life of Automobile Engine.

The three devices that minimize wear and increase the automobile engine's life are air cleaners, oil filters and crankcase ventilator, students of General Motors Institute of Technology were told in an address by Sumner S. Howard, a director of service.

"The air cleaner prevents road dust from being breathed into the engine through the carburetor and causing excessive wear to cylinder walls, piston rings, etc." Mr. Howard said. "There are two types of air cleaners, each having their respective merits. One is the centrifugal type, which requires no cleaning, and the other the 'oil-wetted' type, which is easily cleaned by plunging it up and down in a can of gasoline and then re-oiling for use again. It should be cleaned according to recommendations in the car owners' instruction book.

Work of Oil Filter.
"The air cleaner's 'twin brother,' the oil filter, removes the foreign matter from the crank-case oil, thus reducing engine wear and making the oil last longer. It filters the oil at the rate of about a quart a minute so that the entire contents of the crankcase are filtered about every ten minutes.

"The oil filter is an excellent device, but it must be kept so. In the most commonly used filter devices, the cartridge or straining element is good for about 10,000 miles as it then becomes clogged and the oil is by-passed without straining. It is the same as having no filter, and this is why the oil filter should be serviced after 10,000 miles operation.

Crankcase Ventilator.
"An ally of the oil filter and air cleaner in preventing wear is crankcase ventilation, which removes or minimizes water and fuel that would contaminate the oil. Crankcase ventilation, which is in quite general use, is usually accomplished in two ways. One is to pass a blast of air from a fan through a tube, causing a suction from the crankcase, which carries with it any vapors that may be present in the crankcase. The other method is to take a certain portion of air across the surface of the crankcase and into the intake of the carburetor, carrying with it the water moisture and fuel vapors."

Trains Now Halted at Unprotected Crossings

Grade crossings at towns on some of the less active branch lines of railroads in Massachusetts and New Hampshire are now unguarded without violation of rather strict laws governing the protection of intersections of roadways and railways. Until recently pensioned employees served as gatemen and flagmen at such crossings.

Pedestrians and vehicles no longer need "beware of the locomotive." The locomotive now "beware" and comes to a full stop before rolling over the crossing.

This practice may cause a few seconds' delay to passengers, but it saves the railroads a considerable amount by relieving them of the necessity of stationing crossing men at points where there are but four or six trains a day.

Spring Clearances Are Lessened by Usual Use

During the inspection of the new car while one is jotting down the various identification marks and numbers, it is a good plan to measure the clearance between the centers of the springs and the frame just above.

Later on, when the car has been given a season or so of hard work, it will be found that the clearances are less. If springs have settled more than a quarter of an inch as indicated by the variations in clearance measurements, the car will not ride easily.

White Crosses Too Depressing in Ohio

Motorists in Ohio have started a movement for the repeal of the law which requires the erection of a white cross at every spot along a highway where there has been a traffic fatality. To pass these crosses continuously stimulates more careful driving, it is said, but it also has a depressing effect on travelers. One 75-mile stretch of highway has 69 crosses along its sides, nearly one to a mile.

Instrument Will Tell Needs of Auto Battery



Inventor Holding New Device. The "Uno," an instrument invented by C. W. Ward, of Los Angeles, by which the motorist can tell whether his battery needs charging and also if it has sufficient water. The device is a galvanometer acting as a voltmeter and is connected with the battery by means of a lead electrode with another insulated wire running to the starter switch. The inventor is holding the new device.

Clever Job in Freeing Sticking Accelerator

Experienced motorists do not get alarmed when the accelerator, under-lubricated at its various points of anchorage or suffering from a deficient spring tension, begins to stick slightly. They merely pull it up with the sides of their shoes. Sometimes it becomes second nature for them to resort to this practice. That is wrong. No matter how skillful one is in freeing a sticking accelerator, there are times when failure is inevitable and the punishment is inflicted upon the transmission gears. When the accelerator sticks, have it freed at once.

AUTOMOBILE FACTS

The public has averaged an investment of \$1,000,000,000 a year for the past ten years in good roads.

Happening to be on a motor highway is probably a modern town's easiest way of getting on the map.

Something else the old-timers did not receive when they bought a new horse was free service for six months or a year.

The nation rejoices happily in the possession of an ex-President who is not afraid to use a little old last year's car.

Do not have the valve clearance set closer than the factory directions call for. When set too close the valves will not seat properly when the engine is hot.

The state of Texas, largest state in the Union, has the largest highway mileage of all the states in the country. It has 180,000 miles of roads within its borders.

Black Frocks for Summer Are Sheer

Crepe for Day Wear; Net for Evening; Taffeta Liked by Parisians.

The black gown, to be correct for summer evenings, must be sheer. This is the edict of the smart world everywhere. The black frock for day wear may be of crepe, but it has the advantage of being relieved by lingerie touches, this being one of the outstanding features of the year.

One's choice in sheer black is no longer limited to chiffon. There are chiffons in plenty, but net merits higher praise, while georgette is not to be forgotten when selecting fabrics.

Since Chanel took to tailoring net, lesser lights have followed suit. Molded net bodices are sometimes tucked horizontally, and waistlines in other cases are puckered or shirred at whatever level is desired.

That chemise or camisole necklines are being revised is welcome news to many women. Shoulder straps in these instances may be as narrow as is possible. Chanel's use of silk cord being widely copied. Asymmetric necklines are also favored, while, of course, the cut front, and daringly cut back décolletage are still widely sponsored.

Net gowns, like any others, may be uneven in length, but they may also offer something of a surprise, being as straight as a circular cut skirt will permit. In order to keep the bouffant skirt in position, the full underskirt may be banded with hair braid, this when thinly veiled having the effect of lace.

An interesting Callot frock is distinguished by its marked irregularity of outline. Its angular drapery might be called the modern motif in apparel.

Waistlines have a reputation for being restless. They have their ups and downs, but until recently have been content to be reasonably straight up and down. There are ever so many indentations this season, nip-in waistlines having found favor by O'Rosson who exploited them in his spring suit collection, and by ever so



Irregularity of Outline Is Feature of Frock of Black Taffeta.

many of the couturiers. Molded lines, whether actually princess or not have become the most desirable waistline, and whether one varies the silhouette by a supplementary bolero or jacket, there is something to accent the waistline, be it at the top of the hips, or higher. The line may not be straight, for it seems logical to follow the dip of the hem.

One notices a tendency to outline a trim shoulder as well as hip. The collar-over-the-coat movement has quite naturally added to the importance of collars. Yokes also have found favor and are instrumental in giving a clear-cut line to the shoulder. Self-collars are quite as good in their way as contrasting ones, "excepting that in the case of a black or blue frock there is a penchant for a white or eggshell lingerie collar.

While printed dresses may be variously trimmed, one is quite within their rights to eschew other trimming than is provided by the color and motif of the gown itself. Self-collars, belts, too, for that matter, have a way of being bowed.

Bow as Ornament for Accessories, Costumes

The bow appears to be the sacred cow of ornamentation in accessories as well as in costumes. Its possibilities are infinite in adding the feminine touch.

The jaunty bow becomes a most sedate little decoration when it is made of leather and stitched flat all around to the flap of an envelope bag.

A flat tailored bow nicely bound is the sole ornament to soft suede gloves of French origin, for which milady has a predilection.

Orange Felt

A charming little felt hat is made of orange-colored felt and is trimmed at the side with a very small gardenia of the same color, a little more neutral in tone.

White Jersey Jumper Is Chic With Red or Blue



Every tailored suit, be it silk or wool, must have its white jersey jumper, says fashion this season. When tired of an ensemble blouse in matching color, slip on this immaculate white one and there you are as fresh as a June morning. The model illustrated is embroidered in brilliant red and blue, designed to wear with either a red or blue suit. Other colored wools are offered: tan and orange for a brown ensemble, green and yellow for green, and gray and black for the all-black or all-gray suit. Aside from its smartness as an extra suit blouse, this jumper makes an ideal summer costume when worn with a white skirt of crepe de chine, jersey or other wool material. It comes practically all made—except for the facing of neck and sleeves and the hem at the bottom, which are to be done after the embroidery is finished. In other words there is no cutting or planning and no machine work to do. The jersey is all wool of the finest quality and is a lovely ivory white in tone.

On Rearing Children from CRIB TO COLLEGE

Compiled by the Editors of "CHILDREN, The Magazine for PARENTS"

The relationship of the adult to the child forms the crucial point of our new educational theory. One should remember that adults and children are in different stages of development—so different that it is difficult to harmonize them. It has been repeated ad nauseam that the adult should become a child, but this is one of the platitudes which have no sense when we seek to translate them into realities. Adult and child are such different beings that between them a great gulf is fixed, which we cannot bridge. We should rather direct our efforts to making children and adults as mutually independent as possible.

Eliminating slippery foundations is one of the first essentials in making a home safe for children. This does not mean that wax cannot be used, for if properly applied, it does not produce a tricky floor. Faulty methods are what cause the trouble. A common mistake is that of rubbing too much of the finish on the floor. Much better results are obtained when a small amount of the paste is employed frequently, or once every two or three weeks in the average household, than when larger amounts are applied less often.

There is, of course, the danger of paying too much attention to our children. The child who receives undue attention may monopolize the conversation and become as unpopular as adults who have the same fault. Babies in the high chair are not too young to learn to be listeners and to keep silent while others speak. They learn this most readily by unconscious imitation of older children and their parents. When we listen courteously to our children as they talk, we teach them to turn to listen with courtesy to others. They unconsciously imitate us.

We must abandon our complacent smugness about our own dimly remembered adolescence. First of all, we can throw away our critical attitude toward the younger generation, and we can make ourselves remember that youth today is no different fundamentally, from youth in any age. The seeming difference lies entirely in the time in which youth is growing up. Times will change, but youth will be youth, differing only in its form of self-expression, not in all its fundamental urge.

Milk is a complete protein food supplying the best form of protein to build and renew the body tissue. Full-grown adults need protein to repair tissue, but children need it for growth as well. It is most important that they have plenty of good milk which also gives them calcium and phosphorus, so necessary to proper bone and tooth development, and fats and carbohydrates in a very digestible form.

For the Debutante

A charmingly youthful frock for the debutante has a wide, full skirt with an irregular hemline which is scalloped and edged inside with three small ruffles. The deep décolletage is scalloped, also, and there is a wide bow, with long ends of three different colors, placed at the left hip.

Climax Put Too Much Strain on Credulity

George Cohan said in a Y. M. C. A. address in Brooklyn on play-writing: "Then there are climaxes. We must have rousing climaxes, of course. But the trouble with most of these rousing climaxes is that they are false.

"Like the grizzly bear story, 'Over the campfire in the mountains a young guide told a party of New York millionaires about a fight he'd had with a grizzly.

"Yes, gents,' the young fellow said, and he gave a satisfied chuckle—yes, it was my first grizzly, so I was natch-erly go-darn proud to kill him in a hand-to-hand mixup. Just my bare hands I had, that's all. We started to fight at sunrise. When he breathed his last the sun was goin' down."

"The guide paused. He looked from face to face. Then he said slowly: "For the second time."

Me and the Goat

A photographer had canvassed the neighborhood, bringing with him a goat and wagon, and had taken pictures of all the children who could be persuaded to sit in the wagon. Little Jane, age three, had been snapped, and was very enthusiastic about the pictures that were to come.

Her father teased her, saying: "When the pictures come, the goat will be in the wagon and you will be hitched to the wagon."

The teasing was evidently taken seriously, for later, as Jane would show the pictures, she would say: "This is me and this is the goat."

Poor Chemist Rich With Friends

NEW YORK, N. Y.—C. D. McBath, a chemist at 74 Grand St., compounds ingredients he names Nasalag. This is invaluable in relieving the discomforts of Hay Fever, Asthma and certain types of Nasal Catarrh. He offers to send a \$1.00 bottle to any sufferer. Pay if you are satisfied. Write today—don't delay.—Adv.

Her Lucky Day

When Mr. and Mrs. Irving T. Clark, of Rochester, N. Y., arrived at Perry, N. Y., on a motor trip that had invaded East Aurora, Mrs. Clark was greatly alarmed to find her \$1,500 diamond ring, and heirloom, missing. She searched the hotel at East Aurora, where she had had dinner. The ring could not be found in the hotel, so Mr. and Mrs. Clark returned to East Aurora. They found the ring near the curb in front of the hotel, where it had lain for hours, unnoticed.

Hawaii Best Sugar Area

Sugar planters in Hawaii can grow four or five times as much sugar to the acre as those of any other sugar producing country of the world, according to the Island territory. Hawaii's wonderful productivity, he declares, is the result almost wholly of scientific study and experimentation by its sugar planters.—Gas Logic.

Couldn't Ask More

"Will these stockings run?" asked the fair customer.

"Lady," said the clerk at the hosiery counter, "it would be easier to get a car with an empty gas tank and a dead battery to run than it would be those stockings."

Huge Locomotive for India

The Bengal-Nagpur Railway company of India has just placed an order for 16 locomotives, each of a weight not less than 232 tons. Of the "Beyer-Garratt" articulated type, they will rank as the largest railway engines ever constructed in Europe.

The Fruit Fly

The scientist explains that the Mediterranean fruit fly usually carries a black and yellow scheme, but has purple eyes. Any time you see a fly with purple glims swat the beggar.

In Great Luck

Hubby (reading)—Here's a statistical article in which it is stated every third child born is a Chinaman. Wife—Oh, goodness! What a blessing that we have only two.

At the Resort

Client—You seem to treat the poultry better than the guests here. Waiter—What do you mean, sir? Client—You seem to leave the poultry unplucked.—Dorfbartler (Berlin).



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Won't Kill Livestock, Poultry, Dogs, Cats, or even Baby Chick.

K-R-O (Kills Rats Only) is a new exterminator that can be used about the home, barn or poultry yard with safety as it contains no deadly poison. K-R-O is made of Squill, as recommended by U. S. Dept. of Agriculture, under the Conscience process which insures maximum strength. Two cans killed 578 rats at Arkansas State Farm. Hundreds of other testimonials. Sold on a Money-Back Guarantee. Based upon K-R-O Kills Rats Only, the original Squill exterminator. All druggists 75c. or direct if not yet stocked. Large size (four times as much) \$2.00. K-R-O Co., Springfield, O.

"Proverb" The definition of a proverb is a "familiar and widely known popular saying in epigrammatic form."

Mosquito Bites HANFORD'S Balsam of Myrrh

Money back for first bottle if not suited. All Dealers

Prodigal in That Respect

"But if Mrs. Binks is vulgar, you must admit she is generous." "Well, yes—she's always giving herself away."

SO WEAK SHE COULDN'T WALK

Helped By Taking Lydia E. Pinkham's Vegetable Compound

Gretna, La.—"After my first child was born I took Lydia E. Pinkham's Vegetable Compound for a rundown condition. I could not walk across my room at times, I was so weak. A friend induced me to take the Vegetable Compound. Since that time I have also taken Lydia E. Pinkham's Herb Medicine, and I have used Lydia E. Pinkham's Sanative Wash. I am a housekeeper and I am still taking the Vegetable Compound as a tonic to enable me to do my work."—Mrs. E. F. VICKNAIR, 329 Hancock St., Gretna, La.



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