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POPULAR TYPE OF ROMPER FOR BABY

Use of Two Materials Gives Garment Dressy Air.

(Prepared by the United States Department of Agriculture.) Here is a romper liked by many mothers for little runabouts between a year and a half and three years old. The flared cut at the sides and the use of two materials give the garment a somewhat more "dressy" air than the severely plain play suits



A Good Type of Romper of Two Materials—Front View.

of dark materials often needed for mornings spent at the sand pile. A romper of this kind is appropriate at any time of day. The one in the illustration was made by the bureau of home economics to bring out certain points in the construction of rompers of this general type. Several pattern companies show designs similar to this one, which can be adapted to one's needs.

The length from the hip to the leg hands should be given attention. If the rompers are not short enough at the sides they will hang down over the child's knees and prove a great annoyance to him. At the same time sufficient length must be allowed through the crotch. In the illustration



Back View of Child's Romper, Showing Placing of Buttons at Side and Back.

tion the material is folded between the legs, while the leg openings are sloped upward to make the sides of the bloomers short. Fullness is provided in the width of the garment instead of in its length. The leg bands must be loose so that they can slide

HOUSEHOLD NOTES

Tough pie crust is generally the result of using too little shortening.

If you fasten the ironing board cover on wet it will dry tight and straight.

toward the hip when the child stoops or climbs. Measurements for them should be taken on the child's thigh about five inches above the kneecap. It is a common mistake to make them too broad for comfort. Inch bands are satisfactory. Elastic leg bands are never advised.

The bloomers and bands of trimming are made of fast-colored print in this case, and the upper part is white. Any firm white cotton material such as broadcloth, cotton poplin, fine cambric, madras or lightweight sateen, are good fabrics for the purpose. Plain chambray or broadcloth matching of the colors in the print may be used instead of white.

There are four, instead of three, buttons on the belt of the drop seat. These are placed near enough to the underarms for the child to reach when he learns to dress himself. The lower part of this romper may be made separate from the upper, buttoned to it both front and back. Two pairs of bloomers to one top would insure a maximum of cleanliness with very little trouble.

Scalloped Potatoes and Liver Always Favored

Since people have begun to realize the value of liver in the diet as a source of iron and vitamins, new ways of serving it are always acceptable. This recipe from the bureau of home economics makes a dish that can be cooked while the housewife is doing something else, and that can be sent to the table when ready, thus saving two serving dishes—always a help when the homemaker must not only cook but wash the dishes.

- 3 white potatoes, sliced thin
- 1/2 lb. liver, sliced
- 1/2 cup diced salt pork
- 1/2 tsp. salt
- 2 tbs. flour
- 1 tsp. grated onion
- 1/2 cups milk

Cook the diced salt pork until crisp. Place a layer of thinly sliced raw potatoes in a greased baking dish and salt and flour lightly. On the potatoes lay some of the slices of liver and part of the crisped salt pork. Add more potatoes and continue until all ingredients are used. The top layer should be of potatoes. Put the onion into the milk and then pour over the contents of the baking dish. Cover and cook for one hour, or until the potatoes are tender. At the last remove the cover and allow the potatoes to brown.

Steamed Dried Apricots Make Very Good Pudding

Dried apricots have many uses before the season for fresh fruits returns. A very good steamed pudding can be made with them. The bureau of home economics has tried the recipe and found it excellent.

- 1/2 lb. dried apricots
- 2 eggs
- 1 cup water
- 1 cup flour
- 1/2 cup butter
- 1/4 cup sugar
- 2 tsp. baking powder
- 1/2 tsp. salt
- 1 or 2 tbs. apricot juice, if needed

Soak the apricots overnight in the water. Drain and cut them into small pieces with scissors. Cream the butter and the sugar, add the beaten eggs, and the flour in which the salt and baking powder have been sifted. Stir in the apricots. If the batter is a little stiff add one or two table-spoonfuls of the liquid in which the apricots were soaked. Partially fill a greased mold and steam for two hours. Serve hot with liquid or hard sauce.

Children Need Cereals

Cereals play a very important part in the food of children, according to the United States Department of Agriculture. Whether served as bread, as breakfast food, with meat, or as dessert, they can be depended on for a large part of the fuel that every active child needs. Milk and other protein foods, vegetables and fruits, and butter may supply practically all the building and regulating materials needed, but unless they are used in unduly large proportions they do not furnish enough fuel, and cereals are excellent for supplementing them and rounding out the diet in this respect.

Extension window frames covered with canvas or unbleached muslin will let in air and keep out snow on winter nights.

When the knob comes off of a saucepan cover, insert a screw through the hole from the bottom and screw a cork on it.

PETER DEPAOLO ENTERS A CAR

Winner of the Big Race in 1925 Will Drive Machine This Year.

Peter DePaolo, sun-stained son of Italy, who was the American racing champion in 1925 and 1927, has just entered a car in the International 500-mile race to be held at the Indianapolis Motor Speedway, May 30.

Peter, a nephew of the great Ralph DePalma, in whose speeding tire-prints he has followed and surpassed, will pilot a Reo Flying Cloud, marking the entrance of another manufacturer in the most spectacular sport, which not alone provides thrills for thousands of spectators but points



Peter DePaolo.

the way to the refinements and innovations in passenger car construction.

His First Appearance.

DePaolo made his first appearance at the Indianapolis track eight years ago as a grease ball for Ralph DePalma's immaculate speedsters. He was permitted to join DePalma's stable as reward for an impeccable record in Uncle Sam's army during what has become known as the World war.

Soon he was riding beside the canny DePalma, as riding aide, all this being in the days of two seater cars, long before the sleek, projectile type of hurry buggies were in vogue.

Many a trick DePaolo learned as he sat beside his skillful uncle, watching Ralph maneuver his car through 125 mile an hour traffic. Peter got the urge to drive. Ralph, with the wisdom of age, declared he wasn't ready for a pilotship. They disagreed and parted.

Got a Car.

Peter got a car all right. Then he proceeded to smack fences and retaining walls on every track in the country. He couldn't even place in a race—except against a fence.

Just as he had about run out of angels to provide cars for his fence-busting act, Fred Duesenberg, the soft hearted creator of a long line of winning cars, gave him one more chance.

It was all Pete needed. He won the International 500-mile race at Indianapolis in that start in 1925. He gained fame, wealth and confidence. Ever since he has been one of the foremost contenders and was the American Automobile association champion in 1925 and in 1927.

He is married and has a son three years old.

Cause of Motor Knocks Explained by Scientist

Motors "knock" because of the very rapid burning of tiny drops of the fuel containing peroxides, formed during compression, believes Prof. E. N. da C. Andrade, whose lectures on engines before the royal institution in London are attracting wide attention.

Professor Andrade says there are at least 14 theories as to the causes of the "knock" which is so disconcerting to automobilists. He inclines to the one mentioned and says that regardless of the cause, certain chemicals, among which may be named lead oxide and iron carbonyl, if put into the petrol in quite small quantities, will cause it to occur more easily.

As the use of the "anti-knock" substances allows the use of a higher compression, Professor Andrade believes there is a great future for the development of this method of increasing efficiency.

Spark Plugs Lose Their Efficiency

Explaining different causes of spark plug deterioration, H. Rabezzana, research engineer, says in part:

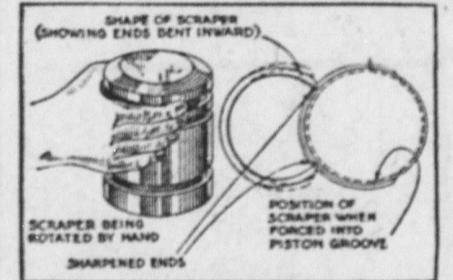
"Gasoline has several elements including sulphur that cause plugs to wear away, and when sulphur is present in an excessive amount, it will hasten deterioration of plug electrodes as well as valves. When the electrode wire is eroded through the action of sulphur, the old system of cleaning with emery cloth or a scraper, is of no avail.

"Another source of deterioration is the iron content in the gasoline which, in time, leaves a brown coating over the insulator. This coating under certain conditions is a good electrical conductor and causes missing of the engine because the spark current travels through the coating instead of jumping the gap. This brown coating cannot be cleaned off the insulator by any available means the car owner has on hand, and when it is a very dark brown, the best thing to do is change plugs.

"Carbon is still another trouble. It can be cleaned from the insulator by running the car a few miles at high speed to heat the insulators to a point where they will burn away the oil and carbon which has accumulated from slow driving. If this does not correct the trouble the best thing to do is change plugs."

Proper Compression in Motor Engine Cylinder

Good compression in a motor car engine cylinder depends on the fit of the rings in the cylinder and on the fit of the rings in the grooves of the piston. Many amateur auto mechanics fall on a ring fitting job because they fail to realize the importance of piston ring fit in the cylinder grooves and the need for a clean groove that will permit the ring to operate without binding. Before you attempt to fit new rings scrape all



A carbon scraper fashioned from an old piston ring makes an ideal tool to remove the carbon from the ring grooves in the piston.

carbon and gummed oil out of the piston ring grooves. A simple tool for this job can be made from an old ring. Grind or file off the ends until the remaining portion is about a third of a circle. Sharpen the edges as shown and you have a tool to remove the carbon with ease.—Popular Science Monthly.

AUTOMOBILE ITEMS

Germany is now using 2,714 motor busses in the postal service.

Police in Kansas City, Mo., recently tagged 430 unlighted parked cars in the residential district.

More than 981,000 children are carried in 85,800 motor busses between home and school daily in this country.

Accidents in traffic and the havoc of nature causes a loss of life that should prevent thought of a risk of war leading to further sacrifice.

After all there is but little difference in automobiles. A \$70,000 car will turn turtle just as readily as a second-hand hay-tender that cost \$14.75.

High pressure oiling systems on many cars demand that hardened and ground parts used for replacement be fitted with sufficient clearance to permit proper lubrication.

Do you use kerosene or gasoline to wash the windshield? When moist, the drops of water will be larger, increasing the glare to the eyes, and the windshield wiper will not function as well.

Dripping water from the front end of the car is an indication of a leak at the water pump. Tighten the nuts or flange the same way the shaft turns. One has a right and the other a left-hand thread.

"FRONTIER GARAGES" IN GLACIER PARK



The photograph shows the original "frontier garages" which the Indians along the western border of Glacier National park use to keep their furs in during the snow months.

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