REPAIRING OR REPLACING

-- Translated from the original by James Penn.

Electric plugs (or "male" sockets) are attached to the end of the electrical cord of electrical appliances, & are used to connect them to the electrical sord of electrical appliances, & are used to connect them to the electrical current.

Simple plugs are composed of a body of plastic or rubber with two prongs to which are connected the two wires of the electrical cord. Plugs for appliances that are grounded by a grounding line have three prongs or two prongs à a hole as they have three wires in them. You may also run into some plugs that have four prongs when the appliance is to be used on a triphase circuit. (This class only deals with simple two wire plugs.)

Hany mishaps are caused by plugs that are in had condition, as they are quite fragile & are of the end of the

MAT	YOU	WILL	NEED
 	_	_	

TOOLS *A small elec-trician's screwdriver *A sharp knife *Mire cutters or a big pair of scissors ACCESSORIES *If necessary, a new electric plug

1) There are several different types of elec-

1) There are several different types of electrical plugs:

1) There are several different types of electrical plugs:

1) There are several different types of electrical plugs:

1) The several type 1, unscrew the central screw which holds the two covers to the plug. The electrical wires are enclosed in the ends of the prongs & are held there by a small screw on each prong.

2) The part of the prongs are screwed into the hody of the plug. Unscrew them by hand, or if necessary with the blade of a knife. The wires are wrapped around the base of the prongs, & are held tightly there when the prongs are screwed in.

3 The prong-holder of type 3 is fixed into the pliable cover of the plug. To take it apart, squeeze the cover between your thumb & indeptinger and the plug. To take it apart, squeeze the cover between your thumb & indeptinger and the plug. To take it apart, squeeze the cover between your thumb & indeptinger and the plug. To take it apart, squeeze the cover between your thumb & indeptinger and the wires its frequently the cause of problems. So you must start with the preparation of the wires.

2) The bad condition of the ends of the wires with a pair of scissors or a wire cutter.

3 Paenove the damaged ends by cutting the wire with a pair of scissors or a wire cutter.

3 With a sharp kinfe, cut the plastic insulatines.

3 With a sharp kinfe, cut the plastic insulatines.

4) To connect them:

4 To connect them:

4 To connect them:

5 or types 1 & 1 put the ends of the wires in their holes (after having made place for them by unscrewing the screws a bit), & then tighten the small retaining screws.

4) To connect them:

5 or types 1 & 1 put the ends of the wire in their holes (after having made place for them by unscrewing the screws a bit), & then tighten the small retaining screws.

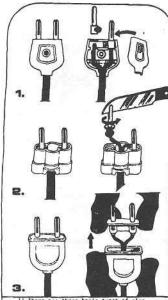
4) To connect them:

5 or types 1 & 1 put the ends of the wire in their holes (after having made place for them by unscrewing the screws a bit), & then tighten the small retaining screws.

RECOMMENDATIONS:

"In the case of simple plugs with only two wires, each wire can be hooked to either of the two prongs. This is not the case with three or four prong plugs, for which each wire must be carefully re-connected to its original prong. "Gertain electrical appliances have plugs that are a little too big for normal wall sockets. In this case, cut the wire 8 replace the plug with a normal plug, or buy a small cheap adapter plug at an electrical supply shop.

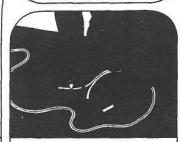
If the plug is old 8 in bad condition, replace it so that you do not have the same problem again. "Avoid pulling on the cord when you want to unplug the appliance. It won't stand up to this sort of treatment, 8 you might also loosen the wall socket.



There are three basic types of electrical plugs. In all of them, the electrical wires are directly connected to the prongs.



2) If the end of the wires are in bed condition, I cut them off, & I separate the two parts of the cord for about two or three centimeters.



1 bare the end of each wire with a sharp knife,



4) After having folded the bare ends on themselves, I put these ends into their holes & I digital the small holes



5) I position the promps I so bett on the comm

IDENTIFICATION AND REPLACEMENT.
--Translated from the original by James Penn.

IDENTIFICATION AND REPLACEMENT.

--Translated from the original by James Penn.

Men the electrical wires of your Home have too strong a current going through them, they overheat a could cause a fire. In these same circumstances, the various appliances that are plugged in could easily burn out a be permanently damaged.

This is why your electrical installation is necessarily equipped with "circuit-breakers", pieces of equipment engulated to only allow a certain amount a certain amount accreded, they activate Sautomatically cut off the current to the circuit that it controls.

The breaker-switch is the principal circuit breaker which controls all the electrical circuits in your house or apartment. Because of this, it is usually situated just be low the electrical counter which controls the incoming electrical counter which susually all the lamps, well plugs etc. of one or more rooms.

There are several different models of fuses, but the principle of how they work is the same. Inside the fuse, the electrical current passes through a small lead or brass wire which is regulated to melt (or "fuse") when the current gets to its set limit, you must be able to reply to these three questions: it so frhe utmost importance to find it a correct it before replacing the fuse. The "overloading" which made the fuse bow is usually caused by two different things happening:

a) a "short-c'rcuit" usually due to a faulty appliance being plugged in:
b) an overloading of the electrical installation, when too many appliances are plugged into the same circuit for fuse? The fuses are either grouped extra fuses on hand this is not very hard to do.

MMAT YOU MILL NED

		WHAT
TOOLS		STATE OF THE PARTY
*Hed tum	size	screw

YOU WILL NEED
ACCESSORIES *A flashlight
*Stepladder
*Some extra fuses
(from an electrical
shop, hardware dealer
or handyman shop) *A knife



STEPS TO FOLLOW

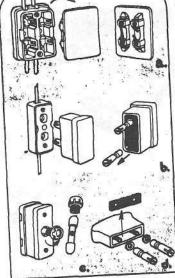
1) There are several models of fuses:
1) There are several models of fuses:
1 There are several models of

the cover which is "plugged" in its socket. The fuse wire is held on two pegs by small flat head serest.

""Pin" fuses. They plug & unplug like an electrical plug. The pins unscrew by hand or with the blade of a knife which I put hand or with the blade of a knife which I put hand or with the spaperent. The fuse wire is kept on the which is apparent. The fuse wire is kept on the pegs by the lower part of the pins. Fartridge fuses. If it is a cylindrical cartridge fuses. If it is a cylindrical cartridge fuses. If it is a cylindrical cartridge fuse. If it is a falt cartridge (type C), unscrew the two plns & take the cartridge effective cartridge exchange it with locate a defective cartridge exchange it with cartridge controlling other exchange it with cartridge controlling other switch of the house.

2) The fuses which control the different parts of the house are sometimes grouped together on a panel near the main breaker switch & electrical counter.

3) They can also be found in or near the rooms that they control hey are usually quite high up, in a corner foult, follow the electric wire which will in feve wire on the "box" model: "Undo the two stress holding the wire, a freeove the two pieces of mede dius wire, a freeove the two pieces of new fuse wire (sold in spools), spools, sall piece of new fuse wire (sold in spools), sall piece of new fuse wire (sold in spools), sall piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form of an "Put this small piece of wire in the form o



Different types of fuses:
 a) "box", b) "pin", c) cylindrical cartridge or d) flat cartridge.

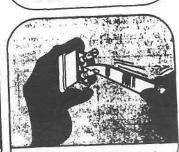




They might also be situated in or near the rooms that they control.



4) The fuse wire is shaped like an "S" & the ends held by the heads of the screw.



5) Un the "pin" models, the fuse wire is held by the round base of the pins.

**TO avoid difficult & sometimes lengthy investigations in case of a blowout, identify ahead of time such fuse & the sector that it controls. Label it clearly. each fuse & the sector that it controls. Label wire. In case of overheating it will not "Never use, even temporarily, copper wire to replace Tuse wire. In case of overheating it will not make the use of the sector of the control of the sector of th