

# Statistic

# Extension Cord Safety

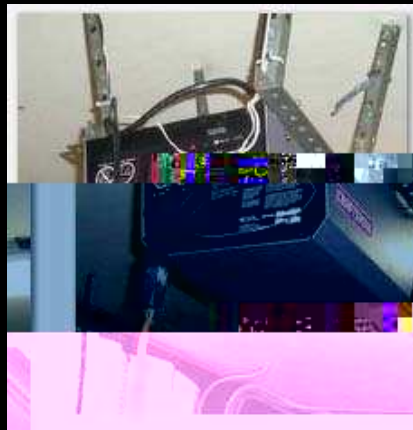
Don't use extension cord as permanent wiring. Meaning, extension cord should be used for transient condition, not for day-in day-out usage.

Reasons: Extension cord is designed for temporary or short term usage. Continuous usage can cause overheating and the insulation sheath to melt and cord to short circuit.

Alternatives:

- 1.) Use power strip or surge protector with UL rating
- 2.) If possible, arrange items closer to outlet

Don't **CONNECT** extension cord/surge protector to each other to provide additional length



# Extension Cord Safety

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Don't run electrical cord thru doorway or across a walkway.

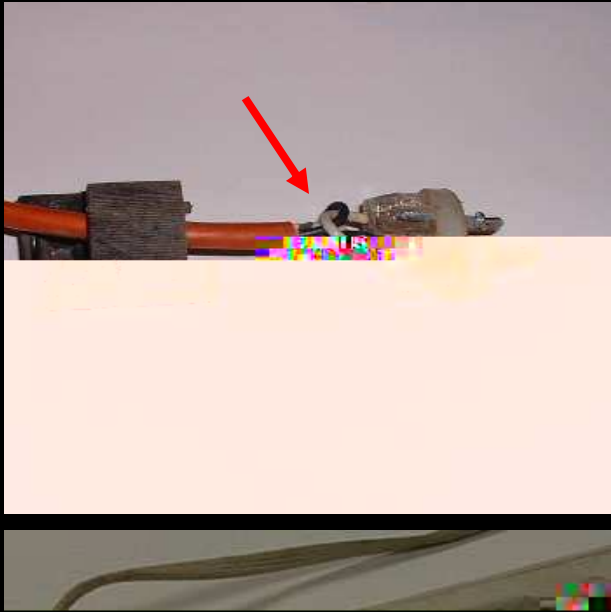
It's a tripping hazard and the cord can get damaged from the traffic.



Don't run  
electrical cord  
thru doorway

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Don't use extension cord that is cut, frayed, damaged or has exposed wiring

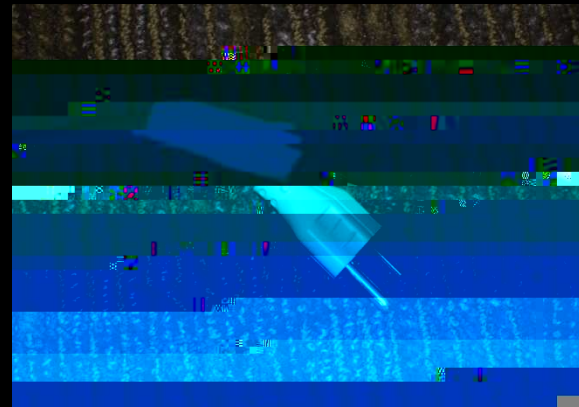
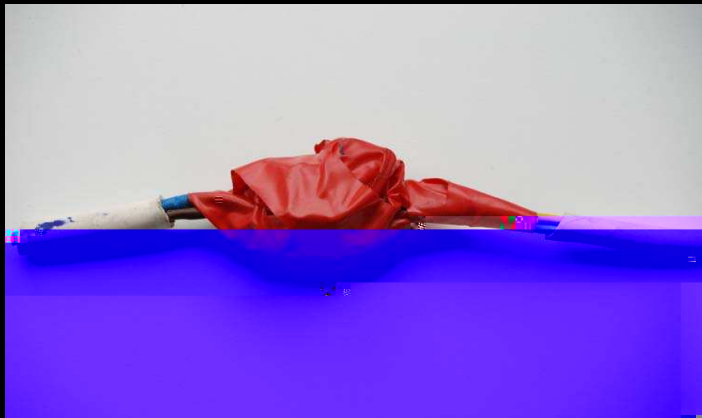
Reasons: Touching the exposed wiring can give you an electric shock or burn. Also, the cord can overheat and short circuit without the proper sheath insulation.

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Don't repair exposed wiring by taping the cord with duct or electrical tape

Reasons: Taping doesn't provide adequate insulation. You have to wrap the tape 100+ times around the cord to match the integrity of the original insulation sheath. Inadequate insulation can cause overheating and short circuit.



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Don't use extension cord or surge protector for high-energy demand appliances and equipment such as refrigerator, microwave oven, space heater, toaster and copy machine.

Reason: The energy demand for these devices often exceed the cord's/surge protector's load capacity, causing overloading, overheating, and the cord to short circuit.

Alternative: If possible, arrange the device so that it can be plugged directly into a wall outlet.

