



1514 NE 69th Place
Ankeny, IA 50021-8883

T 515-289-4000
F 515-289-2541
info@tesdell.com

www.tesdell.com

Dear Homeowner:

Congratulations on the purchase of your new home. Please read through the following items for some basic tips on the wiring in your house. If you have other questions either check our website or you can reach us at the number listed above.

Smoke Detector Care

Smoke detectors work by “seeing” the content of the air with sensors. When a percentage of the vision is blocked, the detector sets off an audible alarm and sends a signal to the other detectors to go into alarm. The detector that sets the others off will have a red light showing, while the others will remain green. These detectors can get dust in them through day-to-day living. To help prevent false alarms from dust, you will need to hold your vacuum cleaner nozzle up to the vents on the detectors to keep dust from collecting on and between the sensors. Smoke detectors have batteries in addition to AC power for operation. That way you are protected even if power is off. These batteries will need to be changed occasionally (once a year). When the batteries get low, they will make the detector beep intermittently (not an alarm).

GFI's

GFI receptacles are used to shut off circuits in the event of current leakage. In other words, if current strays outside of the intended circuit and makes a path through for example, a person, the GFI should shut off the circuit before it reaches a life threatening level. The GFI does not give any protection against over loading. That is done by the circuit breaker. GFI's are located in bathrooms, kitchens, garages, basements, and outside receptacles. GFI's are capable of protecting receptacles downstream. In other words the GFI in the garage may be protecting a standard looking receptacle in the basement or an outdoor receptacle. GFI's should be tested monthly by pressing the test button. If they fail to test properly, you should have them replaced immediately.

Freezers

If you are going to have a freezer in your house, do not to use it with a GFI circuit. GFI's will trip unexpectedly when capacitive and inductive loads (motors) are plugged in to them. Hopefully, you have arranged with your builder to have a freezer circuit put in if needed. You can have a non-GFI circuit in a basement or garage if it is for a freezer and no other items can be plugged in with it.

Telephones

We do our best to make sure your telephone wiring will work when you get service, however a problem can exist that cant be discovered without actual phone service to test it. Make sure your phone lines are working before your actual moving day. Most people move in over the weekend. Unfortunately, we do not offer “warranty” residential telephone trouble shooting on the weekends. If you find that you have a problem before noon on Friday, we most likely can help you. If you do not have service from your provider to your home, we will not be able to help you, as we only do the inside wiring.

Data Wiring

If your home was wired for data, you will still need to purchase/provide equipment to connect your data wiring together, such as an Ethernet switch or wireless router. Tesdell Electric has no control over the speed of your network or internet service. For questions regarding your internet service contact your provider.

Cable TV/Satellite Wiring

The question comes up frequently, “Is my home wired for satellite?” The wiring we use for your cable or satellite service is “RG6” and is well suited for both analog or digital cable as well as satellite signals. Unless arraigned in advance with your builder, only one RG6 cable will be ran to each TV location in your home. Also, unless requested by your builder, we do not install wiring to the outside of your home for a satellite dish connection.

Light Fixtures and Ceiling Fans

In most cases, your builder provides your light fixtures and ceiling fans. We install them on behalf of the builder. If you experience a problem with a light fixture or ceiling fan, you will need to contact your building to resolve the issue. If your building needs our services to replace the light, they will contact us directly,

Sincerely,

Tesdell Electric Ltd.