



ELECTRIC TUNE-UP

Our whole home electric tune-up provides a comprehensive assessment of your interior electrical system. Focused on detecting potential problems before your safety and convenience are impacted, our tune-up will give you peace of mind and resolve electrical issues throughout your home.

What We Do

17-point electric tune-up includes

▪ **At your service panel, we will:**

1. Check and remove all dirt and debris from panel interior and wipe down exterior panel cover.
2. Check for open breaker slots or knockouts, damaged/loose conduits, or wires, replace any missing knockout seals, and determine if there is any expansion ability in the main panel.
3. Check and tighten wire termination on all wires in panel, including main feeders and branch circuits.
4. Check bus bar for damage, discoloration, or burn marks.
5. Check main grounding system (two points of ground).
6. Check wires in panel; any aluminum, too many per breaker, brittle or burnt.
7. Check breaker amperage and confirm they match wire sizing.

▪ **Throughout the home, we will:**

1. Check accessible electrical outlets using plug tester – check polarity and grounding.
2. Remove two outlets to check for wiring method, age, and arcing.
3. Confirm GFCIs (Ground Fault Circuit Interrupter) exists in all code-required locations (garage unfinished basements, crawlspaces, bathroom, kitchen, etc.).
4. Check GFCIs operation.
5. Check switches manually to ensure they are operating properly.
6. Look for any generally unsafe conditions (unsecured wires, missing cover plates, missing junction boxes).
7. Check smoke/CO detector(s) location (to meet code), operation and change batteries as needed and accessible.
8. Check ceiling fan(s) operation.
9. Check exhaust fan(s).

Call (913) or (816) 268-4669 A-N-T-H-O-N-Y | AnthonyPHCE.com

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We will provide you with a 360° evaluation, answer your questions and discuss any safety concerns noted. We will also apply safety identification labels to your panel and associated equipment.

When is an electrical tune-up needed?

- When buying a home.
- When a home is older than 40 years.
- When adding a major appliance.
- Prior to or during a major home renovation.
- Annually

Benefits of an Electrical Tune-Up

- Ensuring the safe operation of electrical components in your home.
- Identify electrocution hazards and reducing the risk of mild and severe shocks.
- Decrease risk of fire – electrical fires are the most common cause of total home loss in the nation. In fact, each year, around 51,000 house fires originate from electrical systems ([Electrical Safety Foundation](#)).
- Faulty wiring could also result in major electronic damage during severe weather. We can discover damage early and prevent short circuits and possible fires.
- Identify common electrical mistakes made by contractors and previous DIY homeowners.
- Recognizing outdated wiring such as aluminum or knob-and-tube.
- Identify electrical wiring and components that may have degraded over time.
- Spot oversized fuses or breakers and panels that could lead to fires.
- Help you save energy and reduce costs. Loose connections cause significant power usage and inflate your utility bill.

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