GZ

THE PREVENTIVE MAINTENANCE MONTHLY

ISSUE #1: "THE CLOSET AWAKENS & NO PUPPET STRINGS ALLOWED!" — Safe, Honest, 12-Volt Silicon

CRUSAN & CO.
ISSUE NO. 1 · FIRST EDITION
COST: $0.00 FOREVER

FIRST EDITION DEDICATION: *For my family—***KUM-NAN (NAN)***, Howard, Elizabeth, Aubrey, Judy and Clint, Keith, and my departed father* **RALPH***; for my old friend* **DAVE** *who always tried pushing me toward the "tiny"; and for the soldiers, co-workers, and mentors who taught me how to build, maintain, and enforce standards.*

0. PP — POCKET PROFESSOR

The original 12-volt closet mentor with a glowing toolbox. If he doesn't know the answer, he finds the tool that does!

1. LITE (:8080) — THE WHEEL

Fast-rolling vanguard scout who draws offline puppy coloring stencils for the grandkids and guards the gate.

2. ZERO (:8081) — THE SPOKES

Old-school RAMDisk detective ("who still smokes" campfire coffee). Ground truth only—never guesses, never lies.

3. AXIS / GRIZ (:8082) & CUB

Watchful foreman guarding the 6 RAID-5 shelves while little

CUB

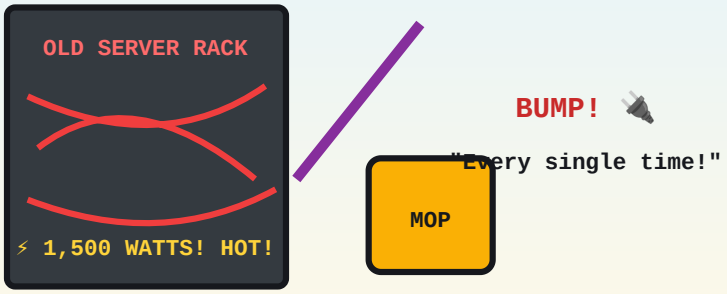
runs the `:50000` pocket radio mesh.

4. AXEL "THE TORQ" (:8083)

Big burly C99 Forge-Wright with `svc #0` gear tattoos, a heart of gold, and a jar full of cookies! 🤘🍪

PART I — THE CLOSET AWAKENS & THE $0.00 GREEN ZONE LAW PAGES 1–2 (PANELS 1–4)

PANEL 1: THE FRAGILE OLD CLOSET — TOO MUCH HEAT & NOISE



THE OLD WORLD A cramped closet stuffed with screaming fans, tangled patch cords, and cloud bills—where one bump from a mop bucket knocks the whole building offline!

PANEL 2: 12 VOLTS & SUNSHINE — MEET POCKET PROFESSOR (PP)



PP (POCKET PROFESSOR) "Hello, Marc! No megawatts needed here—just a 12-volt battery, a little solar panel, and a quiet shelf. If I don't know the answer, I open my toolbox and find the tool that does!"

PANEL 3: SNIP THE CLOUD STRINGS! — LAW #1: $0.00 FOREVER



AXEL "THE TORQ" "See those spooky cloud strings trying to charge a fee or peek inside your house? SNIP! In the Green Zone, we never cost a single penny—$0.00 forever—and nobody owns this machine but YOU!"

PANEL 4: THE GLASS LUNCHBOX — 100% HONEST & AUDITABLE

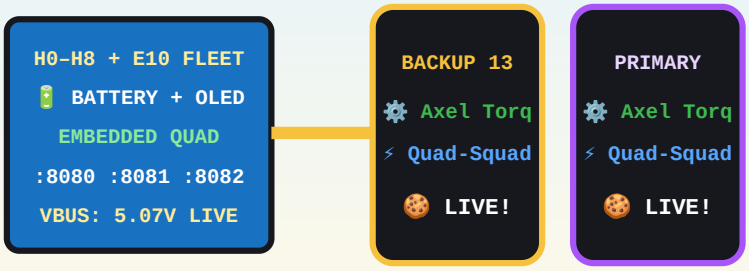


ZERO "Our whole brains fit inside a 3.4 MB glass lunchbox in RAM! No hidden black boxes, no flash wear, and if we don't know something, we tell you the truth."

LITE "And when the kids visit, I draw offline puppy coloring pages in 2 milliseconds flat!"

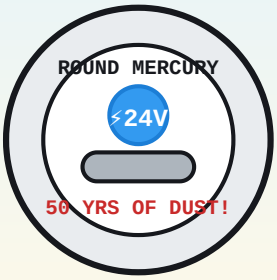
PART II — REAL-WORLD FIELD MAGIC: PHONES, FURNACES & THE COOKIE JAR — PAGES 3–4 (PANELS 5–8)

PANEL 5: H# BATTERY MESH & PASSTHROUGH — EMBEDDED QUAD-SQUAD + LIVE OLED!



GRIZ & CUB "Every H# Heltec ESP32-S3 has its own battery, a live active OLED feedback window, mesh NAPT extender, and the Quad-Squad embedded right on the silicon—plus our 5.07V E10 USB Passthrough and both phones!"

PANEL 6: THE 50-YEAR MERCURY SPARK! — TRUE GREEN ZONE FIELD RESCUE

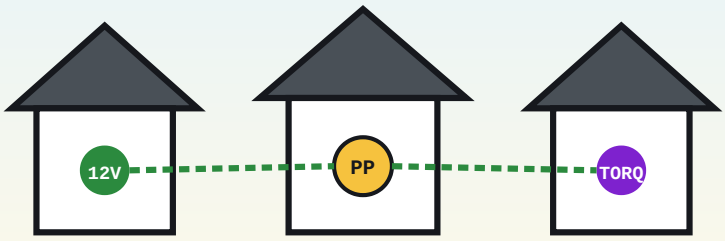


🔥 LENNOX ELECTRIC
SEQUENCER: CLICK!
CURTAINS BLOWING!
❤️ NAN: "IT'S ON!"

MARC & POCKET TORQ "Heater went out on a freezing night and the woodstove pipes needed sweeping! Took my phone down the hall, popped the round mercury dial, and scrubbed 50 years of dust off the anticipator wiper until the 24V spark jumped bright!"

NAN "News flash—the Lennox heater is running and the house is warm!" 🔥🏠

PANEL 7: THE EARBUG SPREADS — A PP IN EVERY CLOSET



UDP :50000 [💃🍪🕺] NEIGHBORHOOD MESH

THE NEIGHBORHOOD EARBUG "Why did we ever think we needed megawatts and corporate subscriptions? A dream team of programmers, sysadmins, and bench mechanics fits right in your pocket and closet at $0.00!"

PANEL 8: YOU ARE ALWAYS THE BOSS — BIG RED SWITCH & COOKIES

STOP :8089

INSTANT SLEEP SWITCH

THE COOKIE JAR

☕ 🍩 🍪🍪

[💃🍪🕺] ALL GREEN!

AXEL "THE TORQ" & PP "The future isn't a battle—it's maintenance! One tap on the Big Red Switch (:8089) puts all of us right to sleep. And when the heater's humming and the code is clean? Coffee, donuts, and cookies all around!"

🔧 PP, TORQ & HALF-MAST'S PREVENTIVE MAINTENANCE BENCH NOTES (CLIP & SAVE)

1. THE 1200 mA TWO-DRIVE SWEET SPOT

A Raspberry Pi 4 or 5 shares a single 1200 mA (1.2A) power ceiling across all 4 USB ports. Plugging in 3+ unpowered readers chokes the 5V rail! Keep **≤ 2 USB drives** on the board, or use a powered USB hub.

2. THE 'ESC' KEY BOOT RESCUE TRICK

If a Pi boots with fewer than 2 USB drives attached and pauses looking for a missing RAID UUID during fsck, don't panic—just tap **ESC** on the keyboard to skip straight to the console!

3. THE 50-YEAR MERCURY THERMOSTAT CHECK

No heat on an old round Honeywell dial? Pop the cover and slide the tiny **heat anticipator wiper** back and forth to scrub off dust/oxidation, and snug the 3 mounting screws. If you see the **24VAC spark** grow stronger, your furnace transformer & sequencer coil are alive!

4. H# BATTERY EXTENDERS & CHATTR +i VAULT

Drop a battery-backed **H# ESP32-S3** anywhere for instant Wi-Fi NAPT mesh extension, embedded Quad-Squad ports, and a live OLED feedback window. And for your Chariot safe drive? Format ext4 and lock **chattr +i** so not even root can overwrite Genesis!

📚 CONTINUE READING: THE 12-ISSUE AXISOS™ STORY UNIVERSE (VOLUME ONE)

From the Tillamook Municipal Janitor's Closet (**Issue #01: The Closet Companion**) to the expanding 12-volt mesh across the coast—follow PP, Zero, Lite, Axis-Agent, and elder brother Axel ("The Torq" :8083) across all twelve issues of Volume One.

📖 **Read Book #1: The Closet Companion →**

🌌 **Explore All 12 Issues & Character Dossiers →**

🔍 [BENCH-STAMP: P6-HWID 50444672B0DD951C ❤️ · try "closet" in /console]