

Fleet Registry — Outstanding Data-Quality Issues

Date: 2026-06-08 · **Source:** tracksolid.devices (verified live) · **Scope:** 181 devices → 80 vehicles

Urgency: ● **RED** = fix now (blocks ops / safety / visibility) · ● **AMBER** = fix soon (accountability, classification, data trust) · ● **YELLOW** = cleanup.

★ Biggest single fix: run the driver/plate CSV import

Most items below are **missing source fields**. The prepared `import_drivers_csv.py` -- **apply** has **not been run** (vehicle_category still 0/181, device count still 181). Running it — or entering the fields at source in the Tracksolid Pro portal — clears the bulk of this list at once.

● **RED — fix now**

R1. No driver phone — 175 / 181 (97%). Dispatch/escalation can't contact a driver; only 6 are reachable. → Capture mobiles. **Owner:** Operations + Engineering (import).

R2. 6 vehicles have NO GPS tracker (dashcam only → invisible on the live map, no trips/mileage): KCN 496A · KCQ 215F · KCU 237Z · KDM 306S · KDN 759G · KCZ 199P. → Field-check; install/repair or decommission. **Owner:** Field ops.

R3. 37 fully-unidentified devices being tracked (no plate, model, or driver; “unknown” status). → Match serial/IMEI to a vehicle or decommission. **Owner:** Field ops + Engineering.

● **AMBER — fix soon**

A1. No driver name — 41 / 181 (23%). Trips/speeding/idle can't be attributed → no accountability. → Assign drivers at source. **Owner:** Operations. (CSV covers most.)

A2. 16 vehicles have a tracker but NO dashcam — no incident/safety video (all 8 motorbikes, the Uganda units, several Proboxes). → Decide which need a camera; schedule installs. **Owner:** Field ops.

A3. No vehicle model — 40 / 181 (22%). Forces guesswork on the field-service vs specialist split. → Set vehicle_models at source. **Owner:** Operations. (CSV covers most.)

A4. Duplicate plates corrupting the count: - KDS 453Y entered twice — KDS 453Y (tracker) + KDS 453 Y (camera, stray space). - KCC 199P vs KCZ 199P — both pick-ups, both driver *Mbuvi Kioko*, one tracker + one camera → almost certainly **one vehicle under two plates**. → Correct the plate in the portal, then re-sync. **Owner:** Operations.

A5. Two plates disagree with themselves (model conflict):

| Plate | Tracker says | Camera says | Driver |
|----------|--------------|-------------|-----------------|
| KCY 080X | Pick-Up | Probox | Lawrence Kijogi |
| KCZ 223P | Pick-Up | Probox | Felix Muema |

→ Confirm the real type; set both devices to match. **Owner:** Operations.

A6. assigned_city unreliable → **regional reporting suspect**. 4 vehicles show two cities (e.g. KDC 490Q: Mombasa/Nairobi; KCY 838X: Mombasa/Voi) — it's inherited from the account, not the vehicle. → Set per vehicle. **Owner:** Operations + Engineering.




















● **YELLOW — cleanup**

Y1. Placeholder driver names — Garage (×4), UG (×2), Management_Mazda (×2), Parked (×1). → Replace with real names or a clear “unassigned” convention. **Owner:** Operations.

Y2. Missing SIM (26) and cost-centre (31). → Backfill from records/CSV. **Owner:** Operations + Engineering.

Y3. vehicle_category empty (0 / 181). Low urgency — the map/KPIs derive the segment from vehicle_models automatically. → Optional; CSV fills it. **Owner:** Engineering.

Action plan

| # | Tier | Issue | Action | Owner | Cleared by CSV import? |
|----|---|--|--------------------------|-----------------|--|
| R1 |  | No driver phone (97%) | Capture mobiles | Ops + Eng |  mostly |
| R2 |  | 6 vehicles, no GPS tracker | Field-check / install | Field ops | — |
| R3 |  | 37 unidentified devices | Identify or decommission | Field ops + Eng |  partly |
| A1 |  | No driver name (23%) | Assign drivers | Ops |  mostly |
| A2 |  | 16 vehicles, no dashcam | Schedule installs | Field ops | — |
| A3 |  | No vehicle model (22%) | Set model at source | Ops |  mostly |
| A4 |  | Duplicate plates (KDS 453Y; KCC/ KCZ 199P) | Fix plate, re-sync | Ops | — |
| A5 |  | Model conflicts (KCY 080X, KCZ 223P) | Confirm type | Ops | partial |
| A6 |  | Unreliable assigned_driver per vehicle | Fix | Ops + Eng |  yes |
| Y1 |  | Placeholder driver names | Replace | Ops | partial |
| Y2 |  | Missing SIM (26) / cost-centre (31) | Backfill | Ops + Eng |  mostly |
| Y3 |  | vehicle_category empty | Optional populate | Eng |  yes |

Suggested order: (1) run/validate the **CSV import** — clears R1, R3(part), A1, A3, A6, Y2, Y3; (2) field-ops sweep for **R2 + A2** (tracker/camera hardware); (3) Operations fixes **A4/A5 plates + Y1** in the portal; (4) re-run the scan to confirm.