

FREE LESSON PDF

Smartphone Repair — Lesson 05

Visual Inspection & Basic Diagnosis

This study handout is provided free of charge so you can save it and review the key points offline.

- Begin diagnosis with the reported symptom and a visual inspection.
- Look for impact damage, corrosion, loose connectors and obvious contamination.
- Do not replace parts simply because they are associated with a symptom.
- Test one hypothesis at a time and record observations.
- Water-damaged or swollen-battery devices require additional caution.

Safety note: Repair procedures vary by device. Follow model-specific guidance, use appropriate tools and do not work on damaged or swollen lithium-ion batteries unless you have the proper training and safe facilities.

Educational course material. Free to the learner. Course completion is not a technical diploma or regulated professional license.