0.1 Menu Screen Descriptions

1. Startup screen is shown on boot.
2. Program loading screen
3. Status screen
    a) No vehicle Connected
    b) Controller Area Network (J1939)
    c) J1708
    d) Both CAN and J1708
4. Shutdown
    a) Shutdown Confirm
    b) Shutdown Sequence
    c) Shutdown Complete
5. Permission Screen
6. Upload to Server
    a) Internet is ready
    b) Internet is not ready
    c) Files to upload
        i. Upload Failed. An error code is displayed in place of abcdefghijklmno. This error code will be important to the Synercon Support staff.
        ii. Upload Successful
7. Change IP network settings
    a) Disabled
    b) Enabled
    c) Field use only
8. GPS Status Display.
9. Update FLA software.
    a) Connection is ready
        i. Update Confirm
        ii. Update Progress
    b) No access to update server
10. Scan Vehicle Network. The field of <pid> is either at J1587 PID or a J1939 SPN

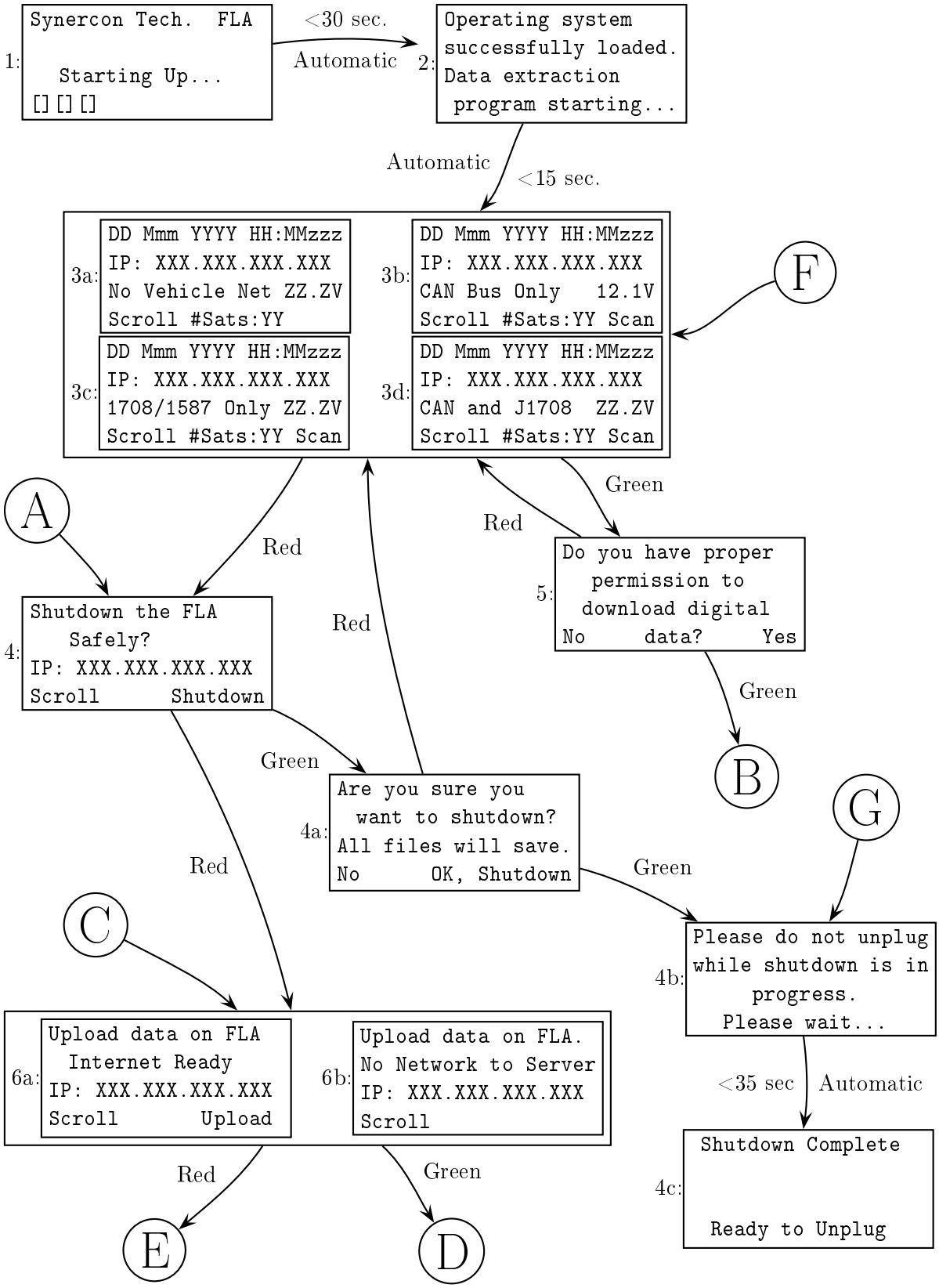

Figure 0.1: Forensic Link Adapter Screen Menu System as enumerated in Section 0.1

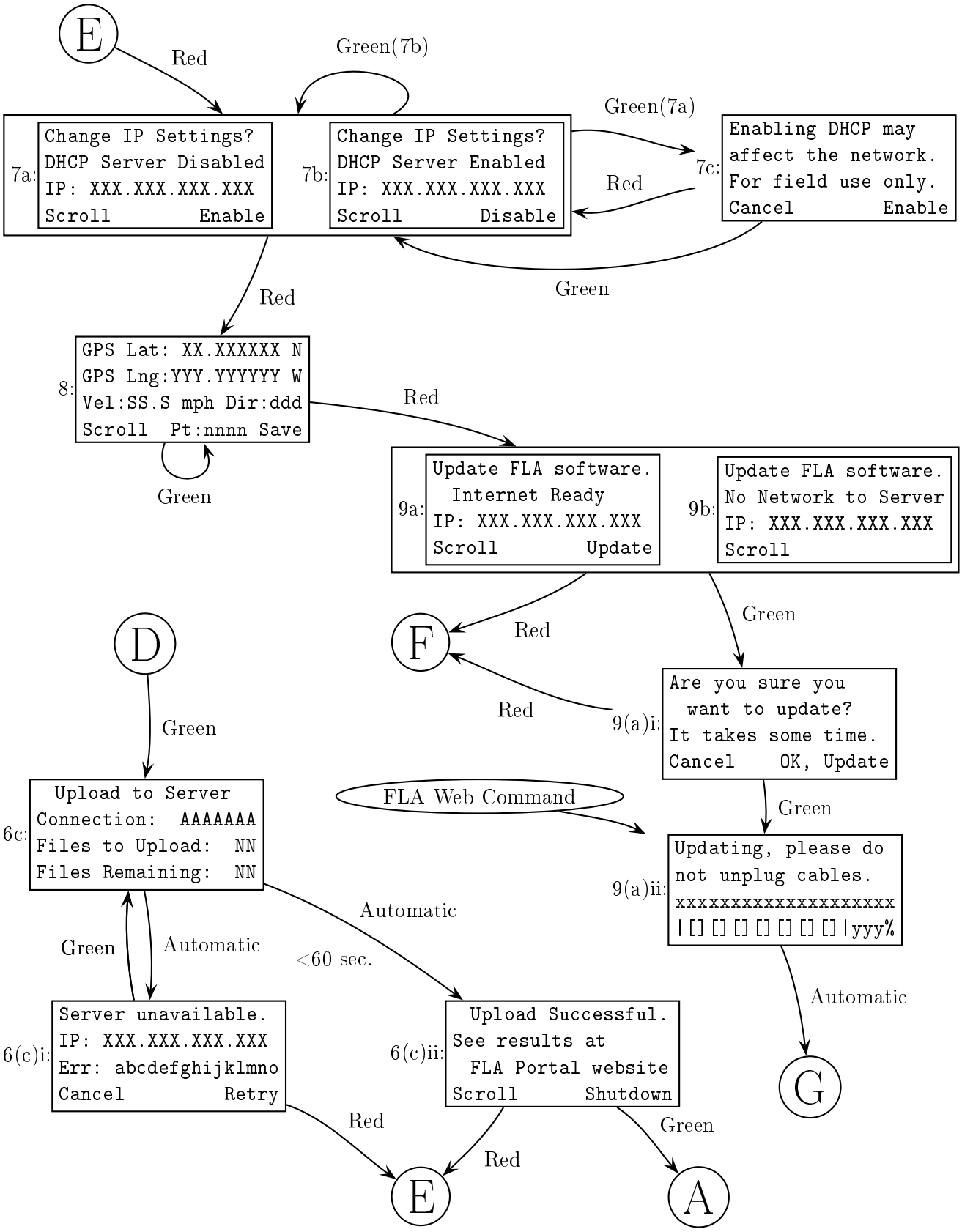

Figure 0.2: Forensic Link Adapter Screen Menu System (cont.) as enumerated in Section 0.1

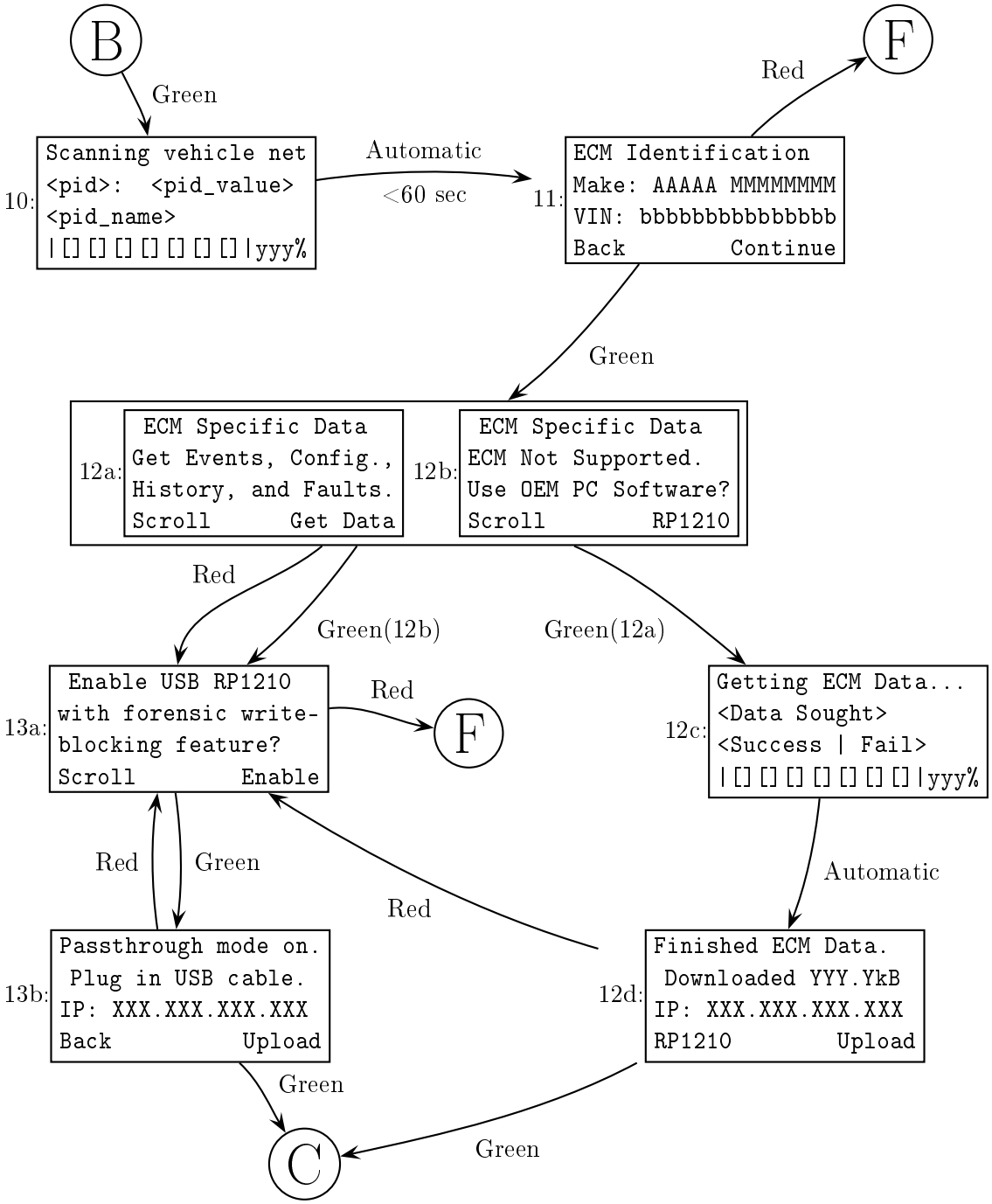

Figure 0.3: Forensic Link Adapter screen display when scanning a vehicle.

11. ECM Identification.
12. ECM Specific Data
    a) Vehicle supported
    b) No current support for getting ECM Specific Data
    c) Getting ECM data
    d) Done getting ECM data
13. RP1210 Passthrough Mode
    a) Choose Mode
    b) Passthrough on.

0.1.1 IP Addresses

The IP address Line can have the following Statements:

IP: XXX.XXX.XXX.XXX A valid IP address

IP: 10.0.0.1 The IP address when the FLA's DHCP server is activated. The FLA will give other devices on the network an IP address too, which may cause problems on an established network. For example, if t

Ethernet Unplugged There is no live connection between the FLA and an outside device.

Finding IP Address The ethernet connection is plugged in and linked to another connection, but the FLA has not been issued an IP address from the network router.

0.1.2 Gathering Vehicle Data