

Index

A

- AC power cord
 - 3-conductor, 2-1
 - spare part number, 3-5
- AC Power Module
 - spare part number, 3-5
- audio
 - solving problems, 2-18
 - test error codes, 2-15
- audio/LED board
 - spare part number, 3-6
- auxiliary battery
 - removal, 5-12

B

- base enclosure assembly
 - spare part number, 3-3
- battery
 - pack
 - solving problems, 2-20
- battery charger
 - described, 1-4
 - spare part number, 3-7
 - specifications, 6-7
- battery pack
 - removal, 5-7
 - spare part number, 3-7
- beep codes, 2-6
- boot, 2-16

C

- cables
 - handling, 4-2
 - spare part number, 3-5
- CD-ROM drive
 - caring for, 4-2
 - removing and inserting, 4-2
 - solving problems, 2-21
 - specifications, 6-6
 - test error codes, 2-15
- clock battery removal, 5-13
- Compaq Diagnostics, 2-16
- Compaq Utilities, 2-7
- components

- bottom, 1-10, 1-11
- rear, 1-9
- right side, 1-8
- computer
 - features
 - optional, 1-3
 - standard, 1-2
 - models, 1-1
- computer checkup (TEST)
 - error codes, 2-10
- computer setup, 2-8, 2-9
- computer undocking, 5-3
- connector
 - care when handling, 4-2
- connector pin assignments
 - expansion, 1-4
- convenience base
 - described, 1-3
 - models, 3-1
- convenience base components
 - front and right side, 3-3
 - rear, 3-4
- Convenience Base II
 - specifications, 3-5
- country kit
 - spare part number, 3-9

D

- damage, preventing
 - from electrostatic discharge, 4-3
 - to cables and connectors, 4-2
 - to plastic parts, 4-1
 - to removable drives, 4-2
- DC-DC converter
 - removal, 5-24
 - spare part number, 3-6
- design overview
 - computer, 1-13
- disassembly preparation
 - computer, 5-3
- disassembly sequence, 5-2
- disconnecting power, 5-3
- diskette drive
 - caring for, 4-2
 - error codes, 2-12
 - removing and inserting, 4-2
 - solving problems, 2-22

- spare part number, 3-4
- specifications, 6-5
- display
 - solving problems, 2-31, 2-32
 - spare part number, 3-3
 - specifications, 6-3
- display assembly
 - removal, 5-20
- display hinge cover
 - removal, 5-17
- DMA channels, 6-8
- DMA, system, 6-8
- documentation spare part
 - numbers, 3-10
- drive
 - CD-ROM
 - caring for, 4-2
 - removing and inserting, 4-2
 - diskette
 - caring for, 4-2
 - removing and inserting, 4-2
 - hard
 - caring for, 4-2
 - removing and inserting, 4-2

E

- electrostatic discharge
 - preventing damage, 4-3
 - shielding materials, 4-6
 - typical voltage levels, 4-6
- error codes
 - audio test, 2-15
 - CD-ROM test, 2-15
 - computer checkup (TEST), 2-10
 - diskette drive test, 2-12
 - keyboard test, 2-11
 - memory test, 2-11
 - parallel printer test, 2-11
 - pointing device interface test, 2-15
 - processor test, 2-10
 - serial test, 2-12
 - video test, 2-14
- external computer components
 - bottom, 1-10, 1-11
 - front, 1-6
 - left side, 1-5

rear, 1-9
right side, 1-8
top, 1-7
external connectors
 keyboard, 1-1
 monitor, 1-2
 mouse, 1-1
 parallel, 1-3, 1-7
 RJ-45, 1-1
 serial, 1-3
 speaker, 1-8, 1-15
 USB, 1-2
external keyboards, 1-4
external monitor, 1-4
 solving problems, 2-31, 2-32
external pointing devices, 1-4

F

fan
 spare part number, 3-9
fan removal, 5-26
fatal error
 beep codes, 2-6
 messages, 2-6
features, 1-2

G

grounding
 equipment and methods, 4-5
 packaging and transporting, 4-3
 workstations, 4-4

H

hard drive
 caring for, 4-2
 removal, 5-11
 removing and inserting, 4-2
 solving problems, 2-23
 specifications, 6-4
hardware installation
 solving problems, 2-24
hardware interrupts, 6-8

I

I/O addresses, 6-9

infrared
 connection
 solving problems, 2-25
INSPECT, 2-16
installation
 memory board, 5-10
interrupt requests (IRQ)
 system, 6-8
IR module
 spare part number, 3-6
IRQ assignments, 6-8

K

keyboard
 external, 1-4
 removal, 5-15
 spare part number, 3-3
 test error codes, 2-11

L

lithium clock battery
 removal, 5-13
logo kit
 spare part number, 3-9

M

magnetic fields, avoiding, 4-2
mass storage devices
 spare part number, 3-4
 battery pack, 3-4
 CD-ROM drive, 3-4
 diskette drive, 3-4
 hard drive, 3-4
memory
 test error codes, 2-11
memory board
 installing, 5-10
 removal, 5-8
 spare part number, 3-6
memory map
 system, 6-11
memory options, 1-3
messages
 fatal error, 2-6
 warning, 2-5
models, 1-1

modem
 solving problems, 2-26
 spare part number, 3-6
monitor
 optional, 1-4
 solving problems, 2-31, 2-32

O

optional boards
 spare part number, 3-6
options, 1-3

P

panel lights, 1-12
parallel port
 test error codes, 2-11
pass-through connections, listing,
 3-2
passwords
 clearing, 2-3
PC Card
 removal, 5-6
 solving problems, 2-29
PCMCIA
 removal, 5-6
plastic parts, handling, 4-1
plastics kit
 spare part number, 3-9
pointing device
 interface test error codes, 2-15
pointing devices
 external, 1-4
power
 solving problems, 2-30
power cord
 general requirements, 2-1
 country-specific requirements,
 2-2
 requirements, 2-1
 spare part number, 3-5
power cord set
 notes for 3-conductor, 2-2
 spare part number, 3-5
power-on password
 clearing, 2-3
processor
 test error codes, 2-10

.....

R

removal

- auxiliary battery, 5-12
 - battery pack, 5-7
 - DC-DC converter, 5-24
 - display assembly, 5-20
 - display hinge covers, 5-17
 - fan, 5-26
 - hard drive, 5-11
 - keyboard, 5-15
 - memory board, 5-8
 - PCMCIA (PC Card), 5-6
 - RTC battery, 5-13
 - switch cover, 5-18
 - system board, 5-25
 - top cover assembly, 5-22
- ### removal and replacement
- preliminaries, 4-1
- ### RTC battery
- removal, 5-13
 - spare part number, 3-5

S

- ### screen
- solving problems, 2-31, 2-32
- ### screw kit
- spare part number, 3-9
- ### serial
- port
 - test error codes, 2-12
- ### serial number, v
- computer, 5-1
- ### service considerations, 4-1
- ### service preliminaries, 4-1
- ### setup password
- clearing, 2-3
- ### shipping drives, 4-2
- ### software
- backup, 1-3
 - fulfillment, 1-3
- ### spare part number
- AC power cord, 3-5
 - battery, 3-7
 - battery charger, 3-7
 - cables, 3-5
 - country kit, 3-9
 - diskette drive, 3-4

- documentation, 3-10
 - external battery charger, 3-7
 - hard drive, 3-4
 - keyboard, 3-3
 - logo kit, 3-9
 - power cords, 3-5
- ### specifications
- battery charger, 6-7
 - CD-ROM drive, 6-6
 - Convenience Base II, 3-5
 - diskette drive, 6-5
 - display, 6-3
 - hard drive, 6-4
- ### standard boards
- spare part number, 3-6
- ### standby battery
- removal, 5-12
- ### status panel lights, 1-12
- ### switch cover
- removal, 5-18
- ### system
- DMA, 6-8
 - I/O address, 6-9
 - interrupts, 6-8
 - memory map, 6-11
 - memory options, 1-3
- ### system board
- removal, 5-25
 - spare part number, 3-6
- ### system information, 2-16
- ### system unit, 3-2

T

- technician notes, v
 - tools required for service, 4-1
- ### top cover assembly
- removal, 5-22
 - spare part number, 3-3
- ### troubleshooting
- audio, 2-18
 - battery, 2-20
 - CD-ROM drive, 2-21
 - diskette drive, 2-22
 - external monitor, 2-31, 2-32
 - hard drive, 2-23
 - hardware installation, 2-24
 - infrared connection, 2-25
 - modem, 2-26

- PC Card, 2-29
- power, 2-30
- preliminary steps, 2-2
- screen, 2-31, 2-32
- without diagnostics, 2-18

U

- ### undocking
- convenience base, 5-3
 - mobile expansion unit, 5-4

V

- video test error codes, 2-14

W

- warning messages, 2-5
- ### Windows NT
- infrared connection, 2-25
-

