



## VC80/VC80X Technical Accessory Guide



NOTE: This document is only for general reference. Solution Builder and related PMBs should be used for product availability, pricing, and final solution selection.








### Communication Cables and Accessories








Part Number	Picture	Description	Notes	Required Items
CBA-UF6-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>► Cable rated for 1.2A current</li> <li>► Coiled cable is 12 ft long when extended</li> <li>► Rated to -30°C for freezer environment use.</li> <li>► When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports.</li> </ul>	
CBA-U12-C09ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>► Provides enough power for DS3508-ER</li> <li>► 9 ft long when extended</li> </ul>	
CBA-U09-C15ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>► Provides enough power for DS3508-ER</li> <li>► 15 ft long when extended</li> </ul>	
CBA-R71-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► VC80 provides power to scanner on pin 9 (COM 1 port)</li> <li>► Provides enough power for DS3608-ER.</li> <li>► 9 ft. coiled cable</li> </ul>	
CBA-RF2-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial) (Freezer Rated)	<ul style="list-style-type: none"> <li>► Rated to -30°C for freezer environment use.</li> <li>► VC80 provides power to scanner on pin 9 (COM 1 port)</li> <li>► Provides enough power for DS3608-ER.</li> <li>► 9 ft. coiled cable</li> </ul>	
CBA-R37-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► VC80 provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>► Provides enough power for DS3508-ER.</li> <li>► 9 ft. coiled cable</li> <li>► Includes improved strain relief design from CBA-R36-C09ZAR</li> </ul>	
CBA-R36-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► Discontinued 3/2013, now use CBA-R37-C09ZAR</li> <li>► VC80 provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>► Provides enough power for DS3508-ER.</li> <li>► 9 ft. coiled cable</li> </ul>	

KT-SCANMNT-VC80-R		Side Mount Scanner Holder	<ul style="list-style-type: none"> <li>►Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VC80.</li> <li>►Eliminates the need for a scanner Tool Balancer/Pulley</li> <li>►Two piece solution - top piece pictured attaches to side of VC80. Bottom piece pictured attaches to top piece and holds scanner.</li> <li>►Mounting hardware (screws) included.</li> <li>►LI36xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider.</li> </ul>	
P1031365-053		QLn Printer Serial Cable	<ul style="list-style-type: none"> <li>►Connects to serial port on VC80</li> <li>►6 ft. straight cable</li> </ul>	
P1031365-055		QLn Series Printer USB Cable	<ul style="list-style-type: none"> <li>►Connects to USB port on VC80</li> <li>►6 ft. straight cable</li> </ul>	
M1000		External Push-To-Talk (PTT) Speaker Microphone	<ul style="list-style-type: none"> <li>►External side-mount PTT microphone and speaker</li> <li>►Enables the device to replace a walkie-talkie by voice-over-IP</li> </ul>	
CA1300		Screen Blanking Cable	<ul style="list-style-type: none"> <li>►Allows VC80 screen to turn off while vehicle is in motion for enhanced safety</li> <li>►Connects to Serial port on VC80</li> <li>►DB9 to open wire</li> <li>►Open wires are connected to user/vehicle supplied switch or relay</li> <li>►Control Panel option on VC80 enables screen blanking feature.</li> </ul>	
CB-000433-01		CAN Bus Cable	<ul style="list-style-type: none"> <li>►RJ45 to Deutsch connector</li> <li>►Requires VC80 SKU option with CAN-Bus.</li> <li>►Not compatible with VC80X (Android) units.</li> </ul>	

WA4070		Ethernet Adapter for VC80X	<ul style="list-style-type: none"> <li>► USB to Ethernet adapter with USB extension cable</li> <li>► Compatible with VC80X (Android) units.</li> </ul>	
3rd party	 <a href="http://www.multitech.com/brands/multiconnect-cell-100-series">http://www.multitech.com/brands/multiconnect-cell-100-series</a>	Cellular/WWAN Gateway	<ul style="list-style-type: none"> <li>► Provides cellular connection to VC80 for installations where WiFi may not be available (i.e. spot trucks in yards)</li> <li>► Connects to VC80 via USB port.</li> <li>► Gateway is powered from VC80 USB port.</li> <li>► Supports various cellular carriers - AT&amp;T, Verizon, T-Mobile, Rogers.</li> <li>► Not compatible with VC80X (Android) units.</li> </ul>	
<b>Misc</b>				
Part Number	Picture	Description	Notes	Required Items
MT4200		Quick Release Mount	<ul style="list-style-type: none"> <li>► Makes it easy to transfer VC80 to another vehicle or remove it for maintenance/repair.</li> <li>► No tools are required to dismount device.</li> <li>► Device can be removed in as little as 10 seconds</li> <li>► Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501)</li> <li>► Includes Quick Release Mount that attaches to sides of VC80 and Mounting Plate (MT4205) that attaches to forklift.</li> <li>► VC80 can be mounted to Quick Release Mount on an angle for easier viewing.</li> <li>► Internal P/N 1917726</li> </ul>	
MT4205		Mounting Plate for Quick Release Mount	<ul style="list-style-type: none"> <li>► Spare/extra Mounting Plate</li> <li>► Allows one VC80 unit to be quickly and easily attached to more than one forklift.</li> <li>► Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501)</li> </ul>	Quick Release Mount (MT4200)
KT-U-MOUNT-VC80-R		U-Mount Bracket with Adapter	<ul style="list-style-type: none"> <li>► Bracket uses the same vehicle mounting holes as the VC5090, VC70 (KT-U-MOUNT-VC70-R) and 8585/8595 (MT3421) U-Mount brackets for easy migration.</li> <li>► Includes Adapter Bracket for legacy U-Mounts (MNT-VC80-ADPA1-1)</li> <li>► Includes mounting hardware</li> </ul>	






MT3410		Heavy Duty Mount Kit	<ul style="list-style-type: none"> <li>Discontinued 4/2015</li> <li>Allows VC80 to be angled in three positions, as needed (0°, 15°, and 30°)</li> </ul>	Adapter Bracket for 82xx series Quick Release Mount (MT4210)
MNT-VC80-ADPA1-1		Adapter Brackets for VC5090 U-Mount Bracket	<ul style="list-style-type: none"> <li>Allows VC80 to be used with the VC5090 U-Mount Bracket (90500116-R)</li> <li>Includes mounting hardware</li> </ul>	
MNT-VC80-ADPB1-1		Adapter Brackets for LXE/Honeywell U-Mount Brackets	<ul style="list-style-type: none"> <li>Allows VC80 to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT</li> <li>Includes mounting hardware</li> </ul>	
MT4210		Adapter Bracket for 82xx series Quick Release Mount	<ul style="list-style-type: none"> <li>Allows VC80 to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate)</li> </ul>	
MT1002		Cantilever Mount	<ul style="list-style-type: none"> <li>Discontinued 12/2015 - PMB 2723</li> <li>Attaches to fork lift pole</li> <li>Includes mounting hardware</li> <li>VC80 can be attached to the mount's VESA plate using:               <ol style="list-style-type: none"> <li>Quick Release Mount (MT4200 and MT4205)</li> <li>or</li> <li>RAM mount arm (MT3501, MT4301/MT4302, and MT4510)</li> </ol> </li> </ul>	

MT4301		RAM Mount 4" arm	<ul style="list-style-type: none"> <li>►Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system.</li> <li>►4" short arm.</li> <li>►RAM D-size ball</li> <li>►Uses RAM Mount P/N RAM-D-201U-C</li> </ul>	
MT4302		RAM Mount 12" arm	<ul style="list-style-type: none"> <li>►Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system.</li> <li>►12" long arm.</li> <li>►RAM D-size ball</li> <li>►Uses RAM Mount P/N RAM-D-201U-E</li> </ul>	
MT4510		RAM rectangular base with 2.25" rubber ball	<ul style="list-style-type: none"> <li>►Base will install directly on the back of the VC80</li> <li>►2"x3" base</li> <li>►RAM D-size ball</li> <li>►Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VC80</li> </ul>	
MT3501		VESA Plate Base	<ul style="list-style-type: none"> <li>►Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>►Can also be attached to Quick Release Mount Plate (MT4205)</li> <li>►RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>►Includes 4 bolts, nuts, and lock washers</li> <li>►Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount</li> </ul>	
MT3502		Round Plate Base	<ul style="list-style-type: none"> <li>►Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>►RAM D-size ball</li> <li>►Uses smaller footprint than MT3501 VESA Plate</li> <li>►Uses RAM Mount P/N RAM-D-202U and includes hardware for attaching to MT4200 Quick Release Mount</li> </ul>	
MT3505		Clamp Base (2" max arm/bar)	<ul style="list-style-type: none"> <li>►Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>►Clamp the RAM arm on bars with square or rectangular cross section (2" max. width).</li> <li>►RAM D-size ball</li> <li>►Uses RAM Mount P/N RAM-D-247U-25</li> </ul>	
MT3507		Clamp Base (3" max arm/bar)	<ul style="list-style-type: none"> <li>►Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>►Clamp the RAM arm on bars with square or rectangular cross section (3" max. width).</li> <li>►RAM D-size ball</li> <li>►Uses RAM Mount P/N RAM-D-247U-3</li> </ul>	


MT3509		Rail Base (1-1/4" to 1-7/8" rail)	<ul style="list-style-type: none"> <li>▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>▶Clamp the RAM arm on round tubes (1-1/4" to 1-7/8" max. pipe diameter).</li> <li>▶RAM D-size ball</li> <li>▶Uses RAM Mount P/N RAM-D-271U-12</li> </ul>	
MT3510		Rail Base (2" to 2-1/2" rail)	<ul style="list-style-type: none"> <li>▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>▶Clamp the RAM arm on round tubes (2" to 2 1/2" max. pipe diameter).</li> <li>▶RAM D-size ball</li> <li>▶Uses RAM Mount P/N RAM-D-271U-2</li> </ul>	
KT-SPRTCT-VC70-05R		Screen Protector (pack of 5)		
AN2010		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz)	<ul style="list-style-type: none"> <li>▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>▶Dual band, 802.11 a/b/g/n/ac, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	
AN2020		External antenna for indoor/outdoor use (2.4Ghz only)	<ul style="list-style-type: none"> <li>▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>▶2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	
AN2030		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby	<ul style="list-style-type: none"> <li>▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>▶Whip antenna (stubby), dual band, 802.11 a/b/g/n/ac, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector</li> </ul>	
20667-002		External antenna for indoor/outdoor use (2.4Ghz only) Stubby	<ul style="list-style-type: none"> <li>▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>▶Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector</li> </ul>	



AN000090A01		Spare Active GNSS (GPS) external antenna	<ul style="list-style-type: none"> <li>►NOTE: This antenna is already included with VC80 configurations using GPS.</li> <li>►Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>►SMA connector, magnetic mount, 2.9 meter cable.</li> <li>►Not compatible with VC80X (Android) units.</li> </ul>	
AR1000		Right Angle SMA reverse polarity plug-jack Adapter	Provides additional direction options for external antennas	
SL0001		Stylus and Stylus Holder		
3rd party		Locking USB port cover/insert	<ul style="list-style-type: none"> <li>►Prevents unauthorized access/use of USB ports on bottom of VC80</li> <li>►Requires "key" to install and remove the USB insert</li> <li>►Covers/inserts can be ordered in different colors, each color having a unique "key"</li> </ul>	
<a href="http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html">http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html</a>				
<b>Power Options</b>				
Part Number	Picture	Description	Notes	Required Items
CA1210		Power Supply Cable	<ul style="list-style-type: none"> <li>►Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator</li> <li>►6 ft. long, waterproof</li> <li>►Includes 10A fuse assembly (P/N 19440-300) and diode/choke assembly (P/N 30723-301)</li> <li>►Internal P/N 13985-302</li> </ul>	
CA1220		Power Supply Cable - with ignition sense	<ul style="list-style-type: none"> <li>►Connects to vehicle power supply/battery</li> <li>►6 ft. long, waterproof</li> <li>►Includes 10A fuse assembly (P/N 19440-300) and diode/choke assembly (P/N 30723-301)</li> <li>►Connects to ignition switch on forklift to suspend device after ignition is turned off</li> <li>►Internal P/N 13985-301</li> </ul>	
CA1230		Power Supply Cable for Pre-Regulator - with ignition sense	<ul style="list-style-type: none"> <li>►Used with External Voltage Pre-Regulator (PS1370)</li> <li>►Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off</li> <li>►Internal P/N 13985-303</li> </ul>	

CB000416A01		VC70 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>►Allows VH10 or VC80 to be powered from VC70 power cable</li> <li>►Allows forklifts wired for VC70 to be easily converted to VH10 or VC80.</li> </ul>	VC70 Power Cable (25-159551-01)
CB000417A01		VC5090 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>►Allows VH10 or VC80 to be powered from VC5090 power cable</li> <li>►Allows forklifts wired for VC5090 to be easily converted to VH10 or VC80.</li> </ul>	VC5090 Power Cable (25-71919-xxR)
A9169798		LXE/Honeywell Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable</li> <li>►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80.</li> <li>►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959.</li> </ul>	
A9169801		LXE/Honeywell Power and Screen Blanking Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable</li> <li>►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80.</li> <li>►Screen blanking cable connects to RS232 port.</li> <li>►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959.</li> </ul>	
PS1370		External Voltage Pre-Regulator	<ul style="list-style-type: none"> <li>►Allows the installation of the VC80 on electric trucks with batteries greater than 48V</li> <li>►19-90 VDC in, 15 VDC out, 90 W</li> </ul>	CA1210 (Power Supply Cable) connects vehicle power to PS1370 AND CA1230 (Power Supply Extension cable with Ignition Sense) connects PS1370 to VC80







PS1450		AC Power Supply Kit	<ul style="list-style-type: none"> <li>Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000)</li> <li>18V, 3.3A output (for older 1100666 power supply)</li> <li>10/2016 - Updated to include PWR-BGA12V72W0WW power supply which replaces 1100666 power supply. New power supply is 12V, 6A, 72W output and meets US DOE Level VI compliance for power efficiency - PMB 2851</li> </ul>	AC Line Cord (23844-00-00R)
PWR-BGA12V72W0WW		AC Power Supply	<ul style="list-style-type: none"> <li>Used to power device from AC wall outlet.</li> <li>100-240 VAC, 12V, 6A, 72W</li> <li>Provides US DOE Level VI compliance for power efficiency.</li> <li>Replaces 1100666 Power Supply</li> </ul>	Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R)
CA4000		Power Cable Adapter	<ul style="list-style-type: none"> <li>CPC connector to 100/240 VAC power supply</li> <li>Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WW Power Supply.</li> </ul>	
PWR-BGA24V150W0WW		AC Power Supply (High Power)	<ul style="list-style-type: none"> <li>Cable is pre-built with round CPC connector.</li> <li>24V, 6.25A, 150W output and meets US DOE Level VI compliance.</li> <li>Use with VC80 or VC80x for fixed mount installations in cold environments (to power internal heaters) or for high power peripherals connected to USB/RS232 ports. For most installations, use PS1450.</li> </ul>	AC Line Cord (23844-00-00R)
PS1400		AC Power Supply	<ul style="list-style-type: none"> <li>May be labeled PSA65U-180 or 1080362-001</li> <li>Cable is pre-built with round CPC connector.</li> <li>18V, 3.3A output</li> <li>Discontinued 8/2015 - PMB 2652</li> </ul>	9008693 (AC Line Cord) (or country specific line cord)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> <li>Used with Power Supply PWR-BGA12V72W0WW and Power supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WW).</li> </ul>	
9008693		AC Line Cord	<ul style="list-style-type: none"> <li>Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply</li> </ul>	
<b>Keyboards</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>

KYBD-QW-VC80-S-1		QWERTY Keyboard Kit (short cable)	<ul style="list-style-type: none"> <li>►Based on the VH10 keyboard design</li> <li>►12 direct Function keys with an additional 12 via shift function.</li> <li>►Dimmable backlit keys.</li> <li>►IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>►Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>►Industrial keyboard controller with temperature compensation</li> <li>►Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>►Short cable (22 cm/~8.5 in) allows installation close the by VC.</li> <li>►Keyboard elastomer and cable are both field replaceable.</li> <li>►Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> <li>►Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS1-01)</li> </ul>	
KYBD-QW-VC80-L-1		QWERTY Keyboard Kit (long cable)	<ul style="list-style-type: none"> <li>►Based on the VH10 keyboard design</li> <li>►12 direct Function keys with an additional 12 via shift function.</li> <li>►Dimmable backlit keys.</li> <li>►IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>►Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>►Industrial keyboard controller with temperature compensation</li> <li>►Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>►Long cable (300 cm/~10 ft) allows installation farther away from the VC.</li> <li>►Keyboard elastomer and cable are both field replaceable.</li> <li>►Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> <li>►Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS2-01)</li> </ul>	
KYBD-AZ-VC-01		AZERTY Keyboard	<ul style="list-style-type: none"> <li>►Based on the VH10 keyboard design</li> <li>►12 direct Function keys with an additional 12 via shift function.</li> <li>►Dimmable backlit keys.</li> <li>►IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>►Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>►Industrial keyboard controller with temperature compensation</li> <li>►Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>►Two available cable lengths allowing the installation close the by VC or away from it.</li> <li>►Keyboard elastomer and cable are both field replaceable.</li> <li>►Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> </ul>	Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)

CBL-VC80-KBUS1-01		VC80 Short Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> <li>▶Short Cable length (22 cm / approx. 8.5 in)</li> <li>▶Typically used when keyboard is mounted directly near the VC (i.e. on Keyboard Tray).</li> </ul>	
CBL-VC80-KBUS2-01		VC80 Long Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> <li>▶Long Cable length (300 cm / approx. 10 ft)</li> <li>▶Typically used when keyboard is mounted away from the VC.</li> </ul>	
1616314 (English) 1616315 (French) 1616316 (German) ▶Discontinued 12/2015 - PMB 2723		Small Keyboard	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶86 keys, includes F1-F10 (F11-F12 shifted)</li> <li>▶Includes mouse joystick</li> <li>▶IP65 sealing</li> <li>▶Cable length is 60 cm (~23")</li> <li>▶Keys are NOT backlit</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R) NOTE: Holes in Keyboard Tray will not align with mounting bolts on keyboard. Tray will need additional holes drilled to line up with keyboard bolts
SLK-101-M-USB-3F		iKey Keyboard, 101 key	<ul style="list-style-type: none"> <li>▶101 Backlit keys</li> <li>▶Connects to USB port on device</li> <li>▶10-Key Numeric Pad</li> <li>▶12 Function Keys</li> <li>▶Built-In Mounting holes</li> <li>▶Windows Function Keys</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010376		iKey Keyboard, English	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶12 function keys, 86 key functionality</li> <li>▶Meets NEMA 4X specifications ensuring that keyboard is sealed against the elements or unwanted spills and can be totally washed down.</li> <li>▶Backlit keys</li> <li>▶Includes integrated HulaPoint II™ mouse</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010377		iKey Color Keyboard, English	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶8 function keys, 72 key functionality</li> <li>▶Backlit keys</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
KT-KYBDTRAY-VC80-R		Keyboard Tray	<ul style="list-style-type: none"> <li>▶Allows iKey or VH10 style keyboards to be mounted under the VC80.</li> <li>▶Not compatible with Small Keyboard unless additional holes are drilled into tray to line up with mounting bolts on the keyboard.</li> <li>▶Includes mounting tray, tilting arms, knobs and screws</li> <li>▶Compatible with Quick Release Mount (MT4200 or MT4210)</li> </ul>	
RAM-246U		RAM Mount base for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶Provides alternate solution to Keyboard Tray</li> <li>▶1.5" rubber ball (RAM C size), connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>▶Base attaches to forklift</li> <li>▶Uses RAM Mount P/N RAM-246U</li> </ul>	<ul style="list-style-type: none"> <li>▶RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>▶RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>

RAM-201U		RAM Mount 3" arm for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>►Provides alternate solution to Keyboard Tray</li> <li>►Double socket arm, has a socket at both ends that accommodates 1.5" ball bases (RAM C size).</li> <li>►3 inch length</li> <li>►A single spring inside the arm opens the end sockets, allowing you to pivot the ball and socket connection.</li> <li>►Connects RAM Mount base for iKey Keyboards (RAM-246U) to RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>►Uses RAM Mount P/N RAM-201U</li> </ul>	<ul style="list-style-type: none"> <li>►RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>►RAM Ball Mount for iKey Keyboards (RAM-202U)</li> </ul> 
RAM-202U		RAM Ball Mount for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>►Provides alternate solution to Keyboard Tray</li> <li>►1.5" diameter rubber ball (RAM C size) connected to a flat 2.5" diameter base.</li> <li>►Mount has pre-drilled holes, including the universal AMPS hole pattern.</li> <li>►Attaches to mounting holes on iKey or VH10 style keyboards</li> <li>►Uses RAM Mount P/N RAM-202U</li> </ul>	<ul style="list-style-type: none"> <li>►RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>►RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>
1616317		Numeric Keyboard	<ul style="list-style-type: none"> <li>►Connects to USB port on device</li> <li>►24 keys with dedicated F1-F5 keys (F6-F10 are shifted)</li> <li>►IP65 sealing</li> <li>►Keys are NOT backlit</li> </ul>	Side Mount Bracket for Numeric Keyboard (KT-KYBDMNT-VC80-R)
KT-KYBDMNT-VC80-R		Side Mount Bracket for Numeric Keyboard	<ul style="list-style-type: none"> <li>►Allows Numeric Keyboard (1616317) to be mounted on side of VC80</li> <li>►Includes mounting hardware (screws)</li> </ul>	
<b>Replacement Equipment</b>				
Part Number	Picture	Description	Notes	Required Items
KT-VC80-BTRY1-01		Replacement Battery	<ul style="list-style-type: none"> <li>►Replacement backup battery</li> <li>►2000 mAh</li> </ul>	
KT-VC80-SCRN1-01		Front Touch Screen (non-heated)	<ul style="list-style-type: none"> <li>►Includes: <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul> </li> </ul>	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.

KT-VC80-SCRH1-01		Front Touch Screen (heated)	<ul style="list-style-type: none"> <li>►Includes: <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul> </li> </ul>	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KYBD-QW-SP-01		Replacement QWERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> <li>►Wear Item Replacement for KYBD-QW-VC-01 (includes Elastomer with hard caps)</li> </ul>	
KYBD-AZ-SP-01		Replacement AZERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> <li>►Wear Item Replacement for KYBD-AZ-VC-01 (includes Elastomer with hard caps)</li> </ul>	
<b>Misc Replacement Equipment</b>				
Part Number	Picture	Description	Notes	Required Items
ST2000		Modular Services Kit	<ul style="list-style-type: none"> <li>►Includes: <ul style="list-style-type: none"> <li>- ESD safe T6 Torx torque bit</li> <li>- ESD safe T10 Torx torque bit</li> <li>- Phillips #2 torque bit</li> <li>- ESD safe torque driver for bits</li> <li>- ESD mat with wrist strap</li> <li>- Keypad Bezel Removal tool needed to replace modular components such as displays, scanners, radios, keypads, modules, etc.</li> </ul> </li> </ul>	