




VH10 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.

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Communication Cables and Accessories

| Part Number | Picture | Description | Notes | Required Items |
|----------------|---|--|---|----------------|
| CBA-UF8-C12ZAR |  | VH10 to 36xx Series Scanner Cable (USB) | <ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶Coiled cable is 12 ft long when extended ▶Rated to -30°C for freezer environment use. ▶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. | |
| CBA-UF6-C12ZAR |  | VH10 to 36xx Series Scanner Cable (USB) | <ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶Coiled cable is 9 ft long when extended (even though SKU indicates 12 ft.) and is about 5 ft. long when unextended. Use CBA-UF8-C12ZAR for a true 12 ft. length cable. ▶Rated to -30°C for freezer environment use. ▶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. | |
| CBA-U12-C09ZAR |  | Generic Cable to Scanners 34xx/35xx Cable (USB) | <ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶9 ft long when extended | |
| CBA-U09-C15ZAR |  | Generic Cable to Scanners 34xx/35xx Cable (USB) | <ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶15 ft long when extended | |
| CBA-R71-C09ZAR |  | VH10 to 36xx Series Scanner Cable (Serial) | <ul style="list-style-type: none"> ▶VH10 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable | |
| CBA-RF2-C09ZAR |  | VH10 to 36xx Series Scanner Cable (Serial) (Freezer Rated) | <ul style="list-style-type: none"> ▶Rated to -30°C for freezer environment use. ▶VH10 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable | |










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| CBA-R37-C09ZBR | | VH10 to 34xx/35xx Series Scanner Cable (Serial) | <ul style="list-style-type: none"> ▶VH10 provides power to scanner on pin 9 (COM1 or COM2 port) ▶Provides enough power for DS3508-ER. ▶9 ft. coiled cable ▶Includes improved TTL current limit protection vs. CBA-R37-C09ZAR. | |
| CBA-R37-C09ZAR | | VH10 to 34xx/35xx Series Scanner Cable (Serial) | <ul style="list-style-type: none"> ▶VH10 provides power to scanner on pin 9 (COM1 or COM2 port) ▶Provides enough power for DS3508-ER. ▶9 ft. coiled cable ▶Includes improved strain relief design from CBA-R36-C09ZAR | |
| KT-SCANMNT-VC80-R | | Side Mount Scanner Holder | <ul style="list-style-type: none"> ▶Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VH10. ▶Eliminates the need for a scanner Tool Balancer/Pulley ▶Two piece solution - bottom piece pictured attaches to side of VH10. Top piece pictured attaches to bottom piece and holds scanner. ▶Mounting hardware (screws) included. ▶LI36xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider. | |
| P1031365-053 | | QLn Series Printer Serial Cable | <ul style="list-style-type: none"> ▶Connects to serial port on VH10 ▶6 ft. straight cable | |
| P1031365-055 | | QLn Series Printer USB Cable | <ul style="list-style-type: none"> ▶Connects to USB port on VH10 ▶6 ft. straight cable | |
| M1000 | | External Push-To-Talk (PTT) Speaker Microphone | <ul style="list-style-type: none"> ▶External side-mount PTT microphone and speaker ▶Enables the device to replace a walkie-talkie by voice-over-IP | |


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| CA1300 |  | Screen Blanking Cable | <ul style="list-style-type: none"> Allows VH10 screen to turn off while vehicle is in motion for enhanced safety Connects to RS232 port on VH10 DB9 to open wire Open wires are connected to user/vehicle supplied switch or relay Control Panel option on VH10 enables screen blanking feature. | |
| WA4070 |  | Ethernet Adapter | <ul style="list-style-type: none"> Connects to USB-A port on VH10 USB to Ethernet adapter with USB extension cable. | |

Misc



| Part Number | Picture | Description | Notes | Required Items |
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| MT4200 |  | Quick Release Mount | <ul style="list-style-type: none"> Makes it easy to transfer VH10 to another vehicle or remove it for maintenance/repair. No tools are required to dismount device. Device can be removed in as little as 10 seconds Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501) Includes Quick Release Mount that attaches to sides of VH10 and Mounting Plate (MT4205) that attaches to forklift. VH10 can be mounted to Quick Release Mount on an angle for easier viewing. Internal P/N 1917726 | |
| MT4205 |  | Mounting Plate for Quick Release Mount | <ul style="list-style-type: none"> Spare/extra Mounting Plate Allows one VH10 unit to be quickly and easily attached to more than one forklift. Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501) | Quick Release Mount (MT4200) |
| KT-U-MOUNT-VC80-R |  | U-Mount Bracket with Adapter | <ul style="list-style-type: none"> 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. Includes Adapter Bracket for legacy U-Mounts (MNT-VC80-ADPA1-1) Includes mounting hardware | |

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| MNT-VC80-ADPA1-1 |  | Adapter Brackets for VC5090 U-Mount Bracket | <ul style="list-style-type: none"> ▶Allows VH10 to be used with the VC5090 U-Mount Bracket (90500116-R) ▶Includes mounting hardware | |
| MNT-VC80-ADPB1-1 |  | Adapter Brackets for LXE/Honeywell U-Mount Brackets | <ul style="list-style-type: none"> ▶Allows VH10 to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT ▶Includes mounting hardware | |
| MT4210 |  | Adapter Bracket for 82xx series Quick Release Mount | <ul style="list-style-type: none"> ▶Allows VH10 to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate) | |
| MT4510 |  | RAM Rectangular Base with mounting hardware | <ul style="list-style-type: none"> ▶Base will install directly on the back of the VH10 using included hardware. ▶2"x3" base ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VH10 | <p>Typically used along with the following:</p> <ol style="list-style-type: none"> 1. RAM Double Socket Arm 2. RAM Clamp Base, Rail Base or Round Plate Base. <p>Refer to Common Mounting Systems TAG for details.</p> |
| MT3501 |  | RAM VESA Plate Base with mounting hardware | <ul style="list-style-type: none"> ▶Attaches to Quick Release Mount (MT4200) and is typically used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount VH10 on any plane. ▶RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner. ▶Includes 4 bolts, nuts, and lock washers ▶Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount | <ul style="list-style-type: none"> ▶Quick Release Mount (MT4200) <p>Typically used along with the following:</p> <ol style="list-style-type: none"> 1. RAM Double Socket Arm 2. RAM Clamp Base, Rail Base or Round Plate Base. <p>Refer to Common Mounting Systems TAG for details.</p> |


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| VA6200 |  | Screen Protector | <ul style="list-style-type: none"> ►Pack of 3 | |
| AN2010 |  | External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) | <ul style="list-style-type: none"> ►Used when the VH10 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ►Dual band, 802.11a/b/g/n, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable | |
| AN2020 |  | External antenna for indoor/outdoor use (2.4Ghz only) | <ul style="list-style-type: none"> ►Used when the VH10 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ►2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable | |
| AN2030 |  | External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby | <ul style="list-style-type: none"> ►Used when the VH10 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ►Whip antenna (stubby), dual band, 802.11 a/b/g/n, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector ►Articulating antenna - can be rotated 360 degree and has 3 positive stops: straight, 45° and 90° bend. | |
| 20667-002 |  | External antenna for indoor/outdoor use (2.4Ghz only) Stubby | <ul style="list-style-type: none"> ►Used when the VH10 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ►Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector ►Antenna does not articulate | |
| AR1000 |  | Right Angle SMA reverse polarity plug-jack Adapter | Provides additional direction options for antennas | |
| 9009801 |  | Narrowband Antenna | <ul style="list-style-type: none"> ►For VH10 units with Narrowband radio ►1/4 wave type ►VSWR 2.5:1 max ►Whip antenna design ►SMA male connector ►403-512MHz ►0dBi ►17 cm (6.75") length ►Mounts directly on VH10 or can be mounted externally using 9009792 Magnetic Mount | |
| 9009792 |  | Magnetic Mount for Narrowband Antenna | <ul style="list-style-type: none"> ►For VH10 units with Narrowband radio ►Allows Narrowband Antenna (9009801) to be mounted on roof of vehicle ►SMA connector ►12' cable | 9009801 Narrowband Antenna |
| SL0001 |  | Stylus and Stylus Holder | | |

| Power Options | | | | |
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| Part Number | Picture | Description | Notes | Required Items |
| CA1210 |  | Power Supply Cable | <ul style="list-style-type: none"> Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator 6 ft. long, waterproof Internal P/N CB000309A01 | |
| CA1220 |  | Power Supply Cable - with ignition sense | <ul style="list-style-type: none"> Connects to vehicle power supply/battery 6 ft. long, waterproof Connects to ignition switch on forklift to suspend device after ignition is turned off Internal P/N CB000308A01 | |
| CA1230 |  | Power Supply Cable for Pre-Regulator - with ignition sense | <ul style="list-style-type: none"> Used with External Voltage Pre-Regulator (PS1370) Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off Internal P/N 13985-303 | |
| CB000416A01 |  | VC70 Power Cable to VH10/VC80 Converter Cable | <ul style="list-style-type: none"> Allows VH10 or VC80 to be powered from VC70 power cable Allows forklifts wired for VC70 to be easily converted to VH10 or VC80. | VC70 Power Cable (25-159551-01) |
| CB000417A01 |  | VC5090 Power Cable to VH10/VC80 Converter Cable | <ul style="list-style-type: none"> Allows VH10 or VC80 to be powered from VC5090 power cable Allows forklifts wired for VC5090 to be easily converted to VH10 or VC80. | VC5090 Power Cable (25-71919-xxR) |
| A9169798 |  | LXE/Honeywell Power Cable to VH10/VC80 Converter Cable | <ul style="list-style-type: none"> Allows VH10 or VC80 to be powered from LXE/Honeywell power cable Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. 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 | |

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| A9169801 |  | LXE/Honeywell Power and Screen Blanking Cable to VH10/VC80 Converter Cable | <ul style="list-style-type: none"> Allows VH10 or VC80 to be powered from LXE/Honeywell power cable Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. Screen blanking cable connects to RS232 port. 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 2850 | |
| PS1370 |  | External Voltage Pre-Regulator | <ul style="list-style-type: none"> Allows the installation of the VH10 on electric trucks with batteries greater than 48V 19-90 VDC in, 15 VDC out, 90 W | CA1210 (Power Supply Cable) connects vehicle power to PS1370 AND CA1230 (Power Supply Extension cable with Ignition Sense) connects PS1370 to VH10 |
| PS1450 |  | AC Power Supply Kit | <ul style="list-style-type: none"> Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000) This is the recommended AC Power Supply for the VH10 18V, 3.3A output (for older 1100666 power supply) 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 | AC Line Cord (23844-00-00R) |
| PWR-BGA12V72W0WW |  | AC Power Supply | <ul style="list-style-type: none"> Used to power device from AC wall outlet. 100-240 VAC, 12V, 6A, 72W Provides US DOE Level VI compliance for power efficiency. Replaces 1100666 Power Supply | Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R) |
| CA4000 |  | Power Cable Adapter | <ul style="list-style-type: none"> CPC connector to 100/240 VAC power supply Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WW Power Supply. | |
| 23844-00-00R |  | AC Line Cord | <ul style="list-style-type: none"> Used with Power Supply PWR-BGA12V72W0WW and Power supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WW). | |
| 9008693 |  | AC Line Cord | <ul style="list-style-type: none"> Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply | |
| Replacement Equipment | | | | |
| Part Number | Picture | Description | Notes | Required Items |
| AL1001 |  | QWERTY Keypad | <ul style="list-style-type: none"> Wear Item Replacement (includes Elastomer with hard caps) | ST2000 Modular Services Kit for required toolset |

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| AL1002 | | AZERTY Keypad | •Wear Item Replacement (includes Elastomer with hard caps) | ST2000 Modular Services Kit for required toolset |
| AL2001 |  | Front with standard touch screen and function keys | | ST2000 Modular Services Kit for required toolset |
| AL2002 |  | Front with heated touch screen and function keys | | ST2000 Modular Services Kit for required toolset |

Misc Replacement Equipment

| Part Number | Picture | Description | Notes | Required Items |
|-------------|--|----------------------|---|----------------|
| ST2000 |  | Modular Services Kit | <ul style="list-style-type: none"> •Includes: - ESD safe T6 Torx torque bit - ESD safe T10 Torx torque bit - Phillips #2 torque bit - ESD safe torque driver for bits - ESD mat with wrist strap - Keypad Bezel Removal tool needed to replace modular components such as displays, scanners, radios, keypads, modules, etc. | |