



# VEHICLE-MOUNTED COMPUTERS

Configuration & Accessories Guide

VH10, VC70, VC80, VC80x, VC8300

# Zebra Vehicle Mounted Computers

## Product Family



**Windows 7/10**



**Windows CE**



**Android**



FOUR PLATFORMS... THREE FORM FACTORS...  
THE SAME ACCESSORIES, RUGGEDNESS, AND RELIABILITY

# Vehicle Mounted Computers

## Configuration & Accessories Guide

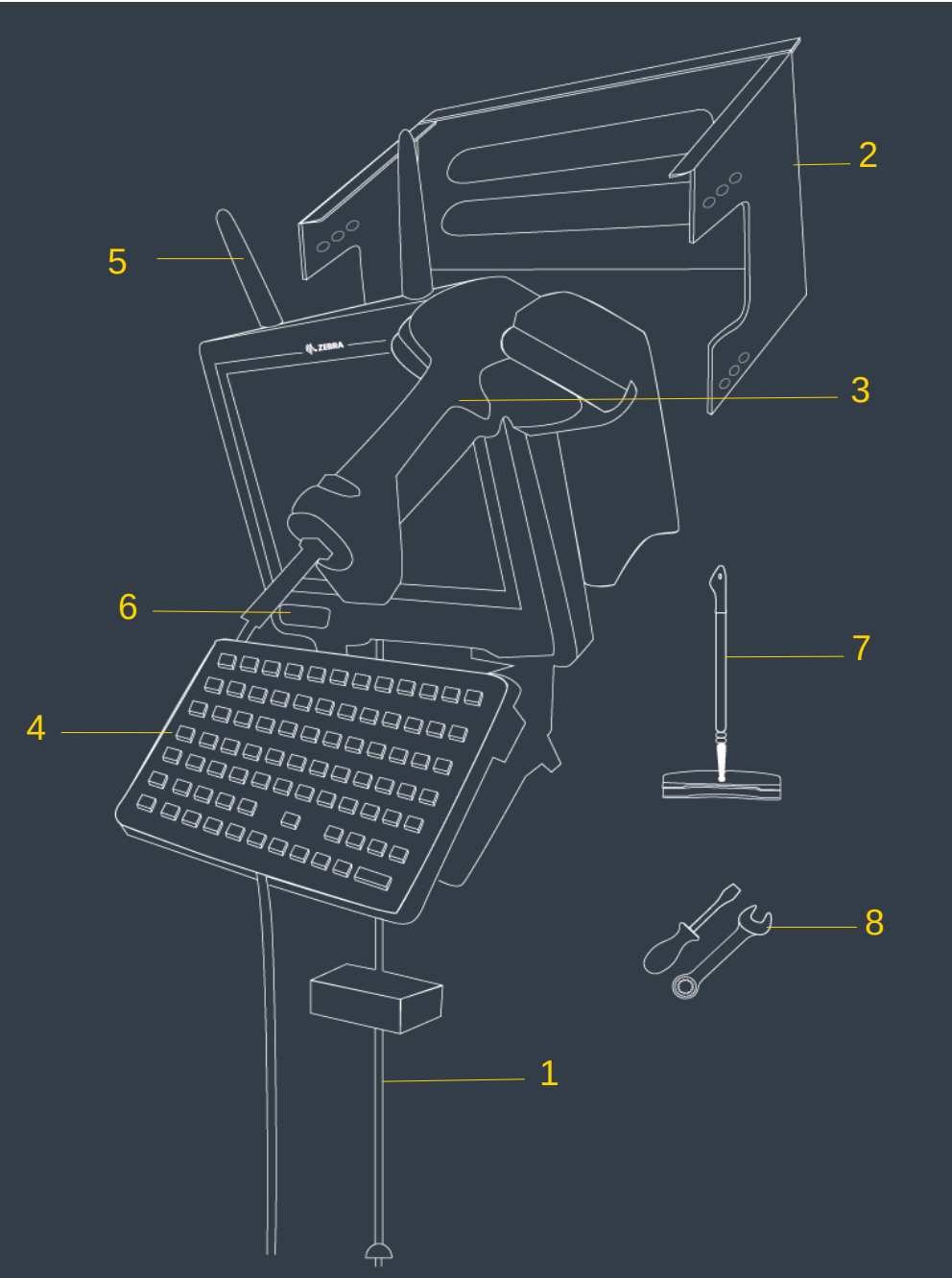
- The Zebra Technologies portfolio of accessories extends the capabilities of your **VH10**, **VC70**, **VC80**, **VC80x** or **VC8300**, and enables you to lower the cost of ownership of your Zebra mobile computer.
- This simple step-by-step guide is designed to assist you with the selection of your accessories based on your needs and use of the computers.



# VEHICLE-MOUNTED COMPUTERS

## Install Illustration

| STEP | ACCESSORY               | SLIDE |
|------|-------------------------|-------|
| 1    | Power Supplies & Cables | 6-14  |
| 2    | Mounts                  | 15-19 |
| 3    | Scanners                | 20-22 |
| 4    | Keyboards               | 23-25 |
| 5    | Antennas                | 26-28 |
| 6    | Voice                   | 29-30 |
| 7    | Miscellaneous           | 31-32 |
| 8    | Service Parts           | 33-35 |

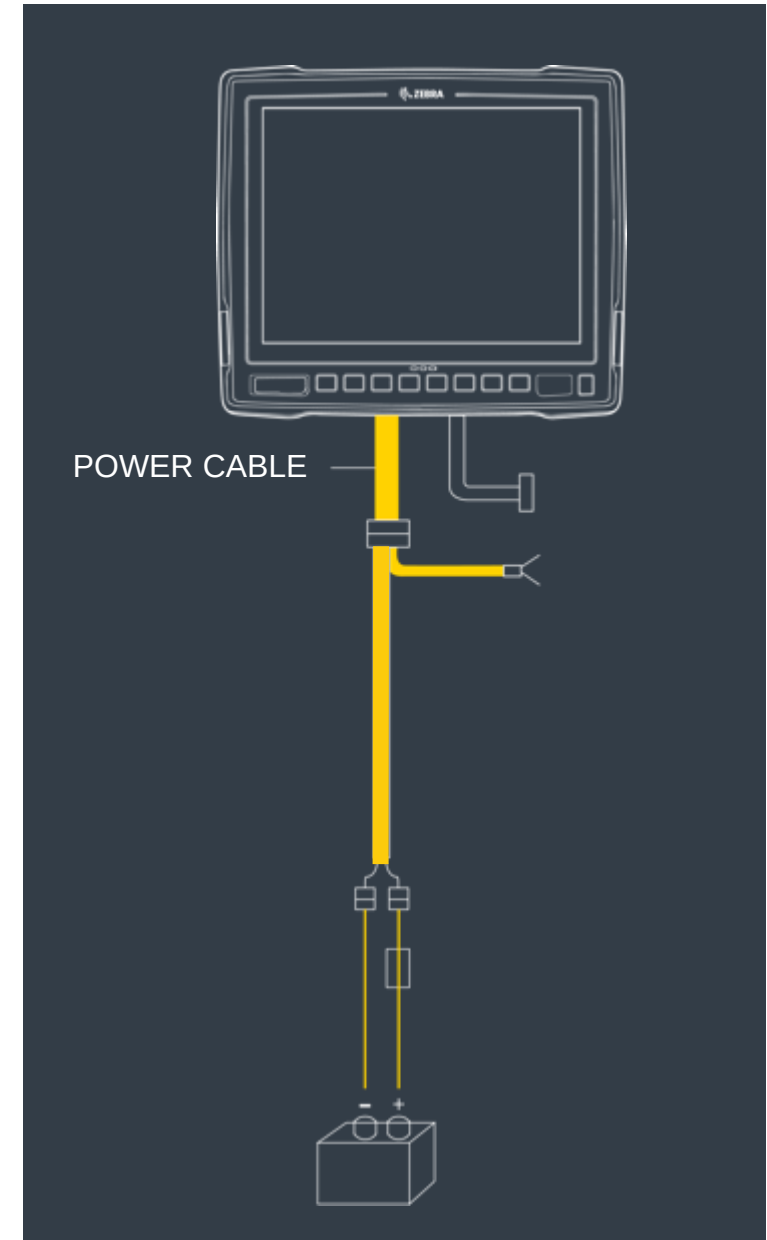


# Step 1: Power Supplies and Cables



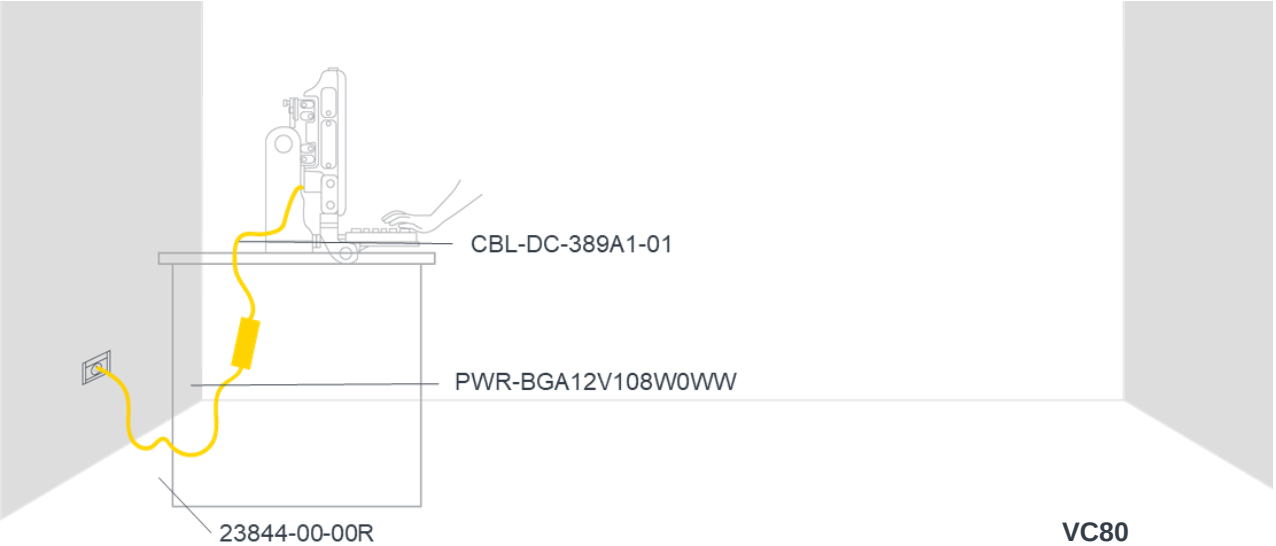
## Choose from multiple installation cases

- Plug into an AC wall outlet
  - VH10, VC70, VC80, VC80x, VC8300 (Slide 6)
- Plug into the Vehicle's DC power
  - VC70 (Slides 7-9)
  - VH10, VC80, VC80x, VC8300 (Slides 10-14)



# Step 1

## Power Supplies & Cables

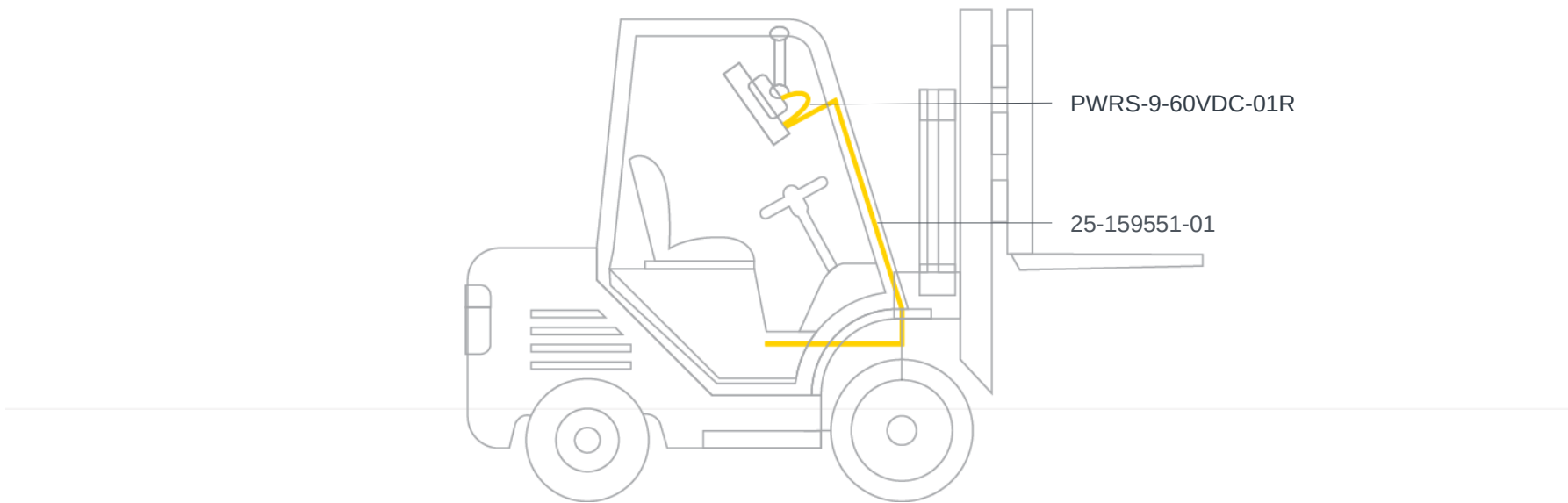


### POWERED BY PLUGGING INTO AN AC WALL OUTLET

|                                                                                     |                                                                                                                                                                                                  | VH10 | VC70 | VC80<br>VC80x | VC8300 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------------|--------|
|    | <b>AC POWER CABLE</b>   ID: 23844-00-00R<br>US AC line cord, 7.5 feet long, grounded, three wire for the AC power supplies PS1450 and PWR-BGA12V108W0WW.<br>Associated Countries: United States. | •    | •    | •             |        |
|    | <b>AC POWER SUPPLY for VC70</b>   ID: PWR-BGA12V108W0WW<br>Order country specific 3 wire grounded AC line cord separately.                                                                       |      | •    |               |        |
|  | <b>DC POWER SUPPLY ADAPTER CABLE for VC70</b>   ID: CBL-DC-389A1-01<br>6.5', required when the PWR-BGA12V108W0WW is used.                                                                        |      | •    |               |        |
|  | <b>AC POWER SUPPLY for VH10, VC80, VC80x &amp; VC8300</b>   ID: PS1450<br>100/240 VAC Power Supply, 12V, 6A, order AC cable separate                                                             | •    |      | •             |        |
|  | <b>AC POWER SUPPLY for VC80 and VC80x</b>   ID: PWR-BGA24V150W0WW<br>100/240 VAC Power Supply, 24V, 6.5A, order AC cable separate                                                                |      |      |               | •      |

# Step 1:

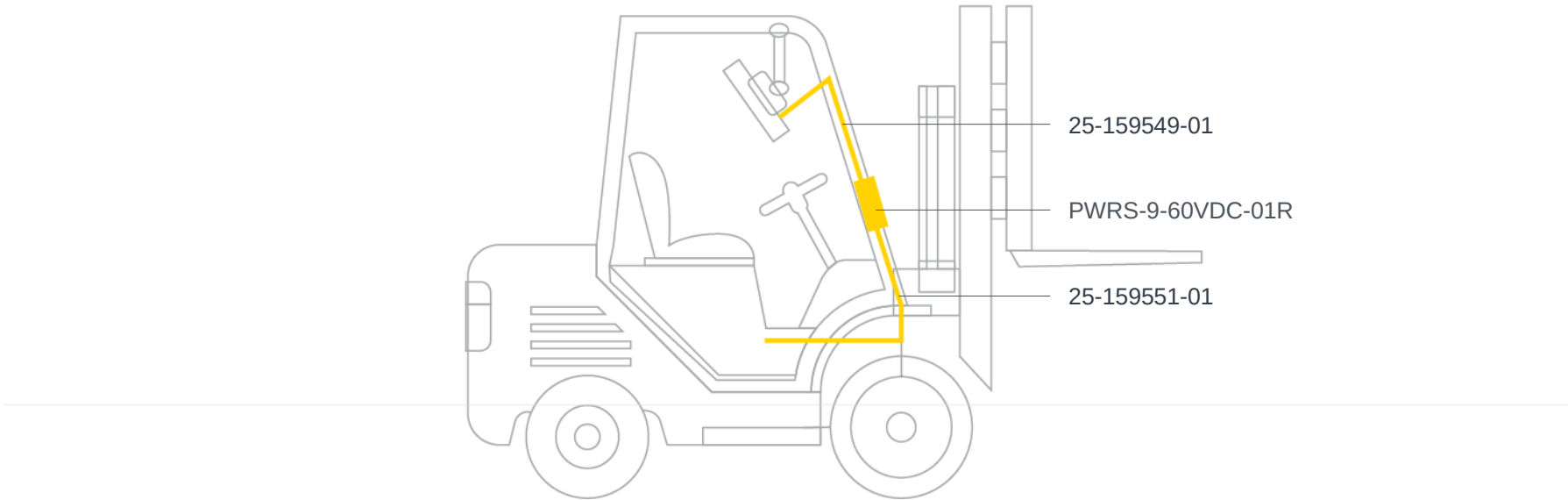
## Power Supplies & Cables



| VC70     |                                                                                     | VEHICLE MOUNT (DC POWER SUPPLY MOUNTED ON THE VC70)                                                                                                             |
|----------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buy both |  | <b>DC POWER SUPPLY   ID: PWRS-9-60VDC-01R</b><br>External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery           |
|          |  | <b>DC POWER CABLE   ID: 25-159551-01</b><br>Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R |

# Step 1:

## Power Supplies & Cables

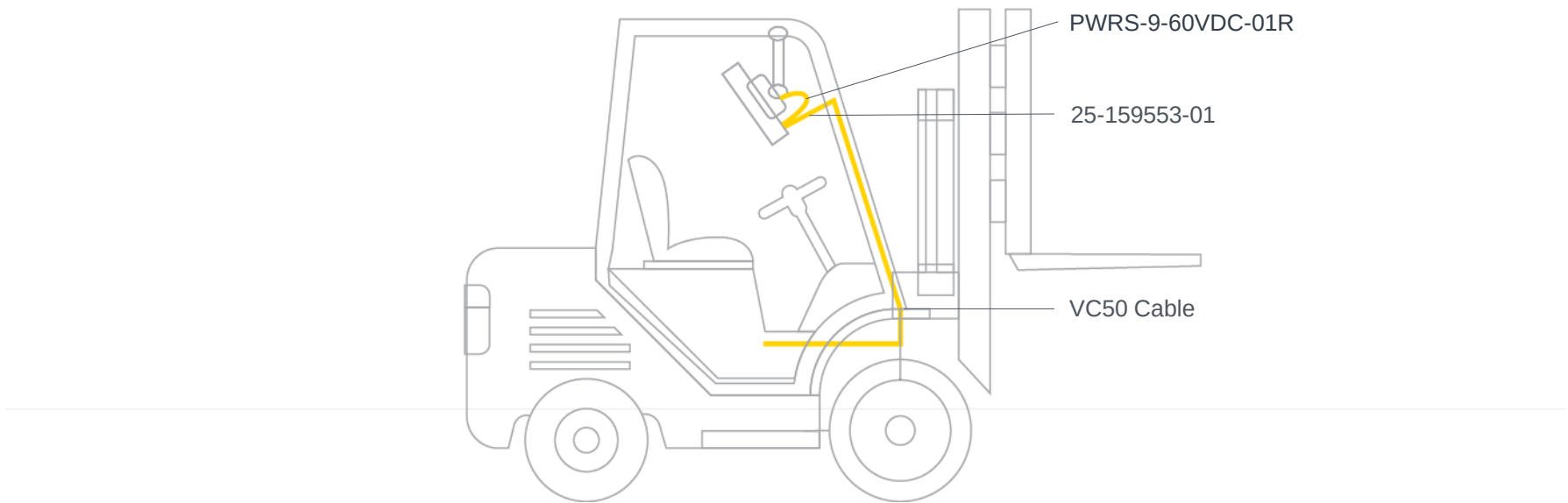


| VC70             |                                                                                     | VEHICLE MOUNT (DC POWER SUPPLY NOT MOUNTED ON THE VC70)                                                                                                                            |
|------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buy all of these |   | <b>EXTENSION CABLE   ID: 25-159549-01</b><br>Cable, external power supply to VC70 extender. 6.5', VC70. Required when the PWRS-9-60VDC-01R is not mounted on the back of the VC70. |
|                  |  | <b>DC POWER SUPPLY   ID: PWRS-9-60VDC-01R</b><br>External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery                              |
|                  |  | <b>DC POWER CABLE   ID: 25-159551-01</b><br>Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R                    |



# Step 1:

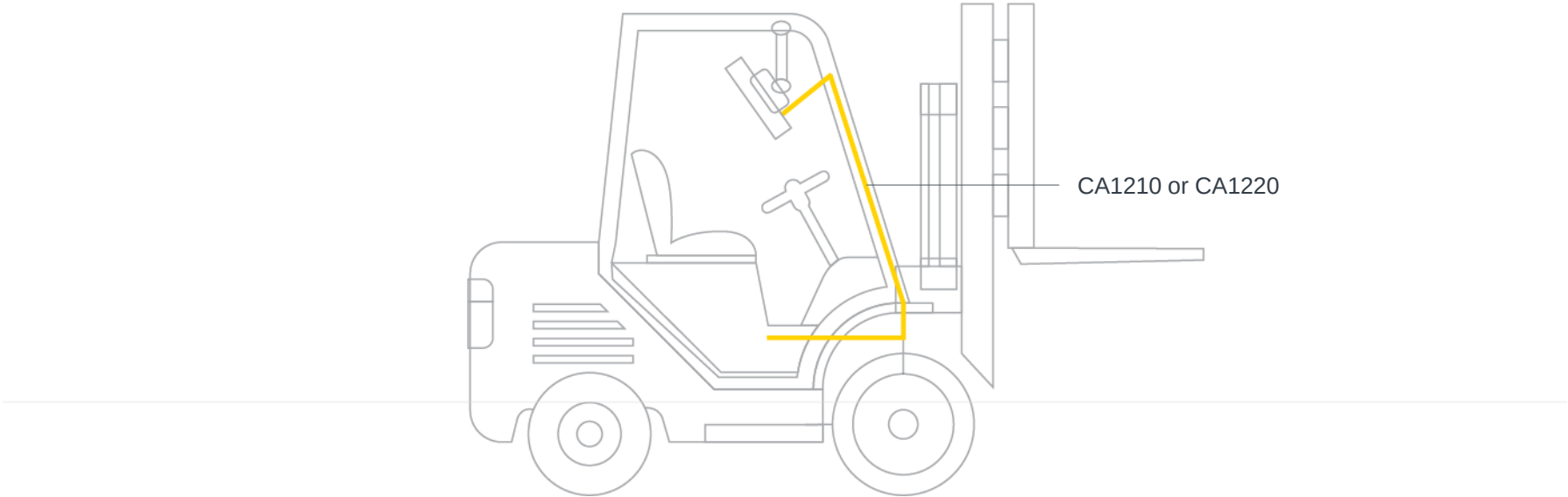
## Power Supplies & Cables



| VC70     |  | VEHICLE MOUNT (WHEN REPLACING THE VC50 AND REUSING THE VC50 DC POWER CABLE) |                                                                                                                                                   |
|----------|--|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Buy both |  | <b>DC POWER SUPPLY</b>                                                      | <b>  ID: PWRS-9-60VDC-01R</b><br>External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery             |
|          |  | <b>POWER ADAPTER CABLE</b>                                                  | <b>  ID: 25-159553-01</b><br>Cable, external power supply to existing VC5090 power cable (25-71919-03R or 25-71919-04R), includes fuses, 2', VC70 |

# Step 1:

## Power Supplies & Cables



VH10, VC80, VC80x, VC8300

VEHICLE MOUNT (POWER SUPPLY IS INSIDE THE COMPUTER)

Pick one



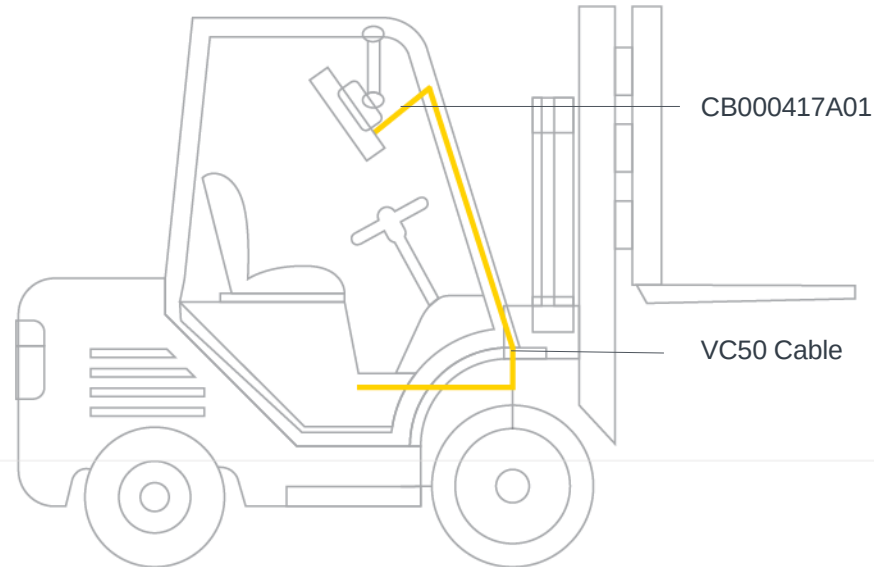
**DC POWER CABLE | ID: CA1210**  
Power Extension Cable, DC, 6', waterproof



**DC POWER CABLE | ID: CA1220**  
Power Extension Cable DC, 6', waterproof - Includes Screen Blanking feature

# Step 1:

## Power Supplies & Cables



VH10, VC80, VC80x, VC8300

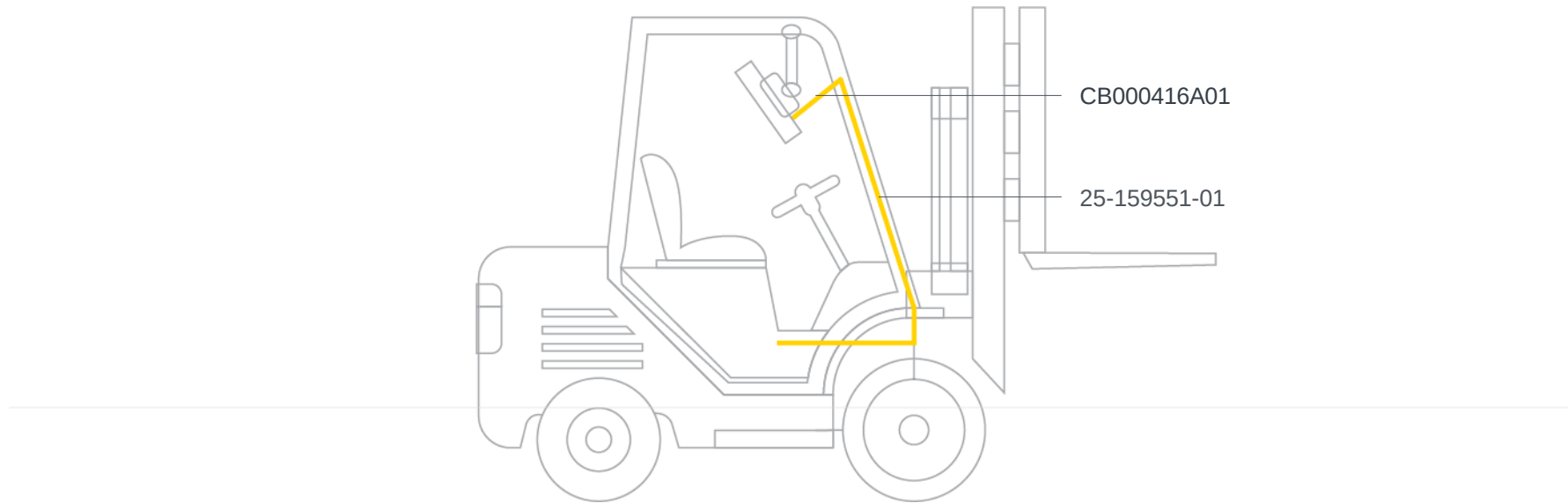
VEHICLE MOUNT (WHEN REPLACING VC50 AND REUSING THE VC50 DC POWER CABLE)



**POWER ADAPTER CABLE | ID: CB000417A01**  
DC Power Adapter to VC50

# Step 1:

## Power Supplies & Cables



VH10, VC80, VC80x, VC8300

VEHICLE MOUNT (WHEN REPLACING VC70 AND REUSING THE VC70 DC POWER CABLE)

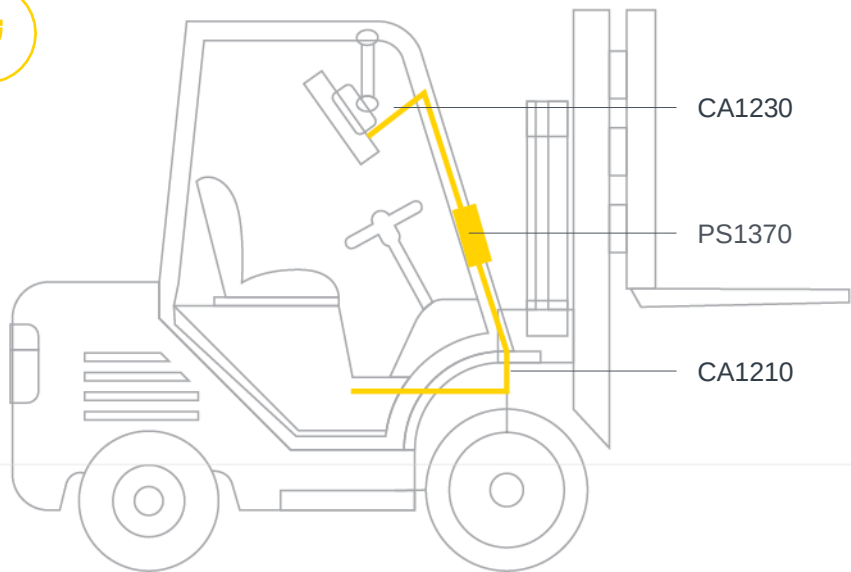


**POWER ADAPTER CABLE | ID: CB000416A01**

DC Power Adapter to VC70

# Step 1:

## Power Supplies & Cables



VH10, VC80, VC80x, VC8300

VEHICLE MOUNT (WITH PRE-REGULATOR TO DECREASE VOLTAGE - FOR TRUCKS WITH BATTERIES GREATER THAN 48V)

Buy all three



**DC POWER CABLE | ID: CA1230**  
Power extension cable for pre-regulator with ignition sense



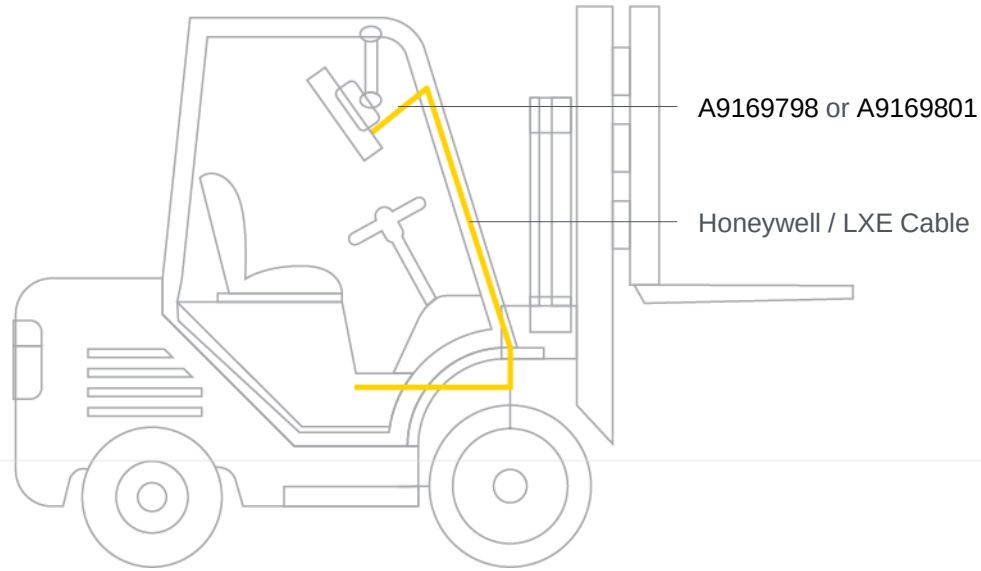
**PRE-REGULATOR | ID: PS1370**  
Pre-Regulator, 24 - 90 VDC in, 15 VDC out, 90 W



**DC POWER CABLE | ID: CA1210**  
Power Extension Cable, DC, 6', waterproof

# Step 1:

## Power Supplies & Cables



VH10, VC80, VC80x, VC8300

**VEHICLE MOUNT (WHEN REPLACING A HONEYWELL/LXE VC AND REUSING THE DC POWER CABLE)**



### **POWER ADAPTER CABLE | ID: A9169798**

Adapter CPC to LXE/Honeywell VX8, VX9, VM1, VM2 AND VM3 DC Power Extension Cable



### **POWER AND SCREEN BLANKING ADAPTER CABLE | ID: A9169801**

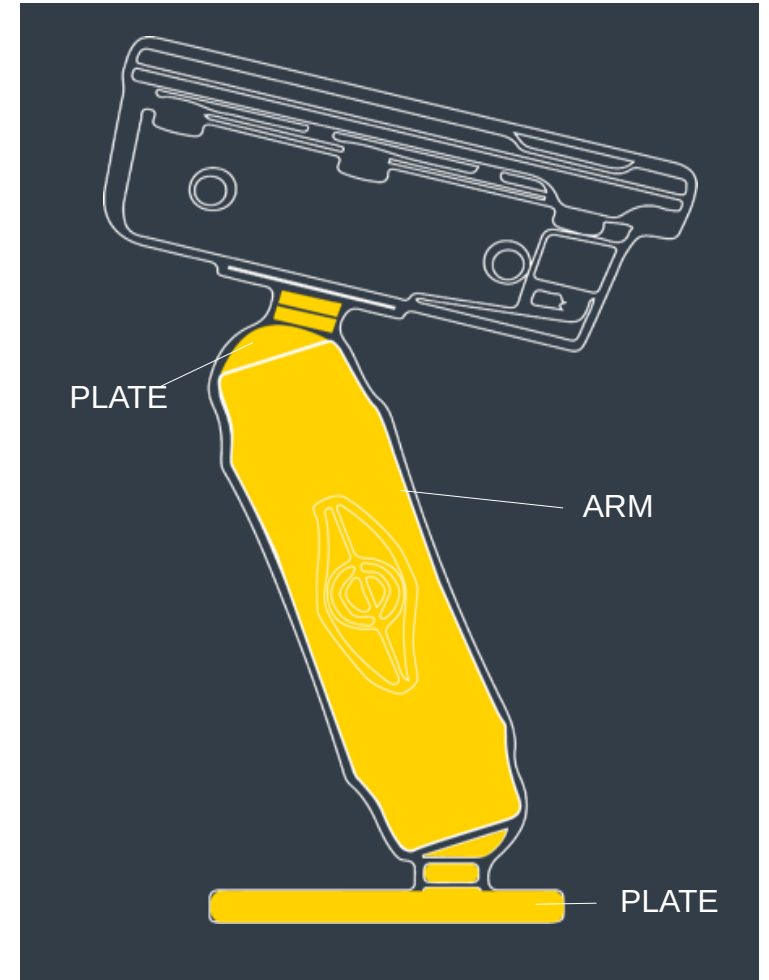
Adapter CPC and serial to LXE VX8 and VX9 DC Power Extension and Screen Blanking Cable

## Step 2:

### Mounts

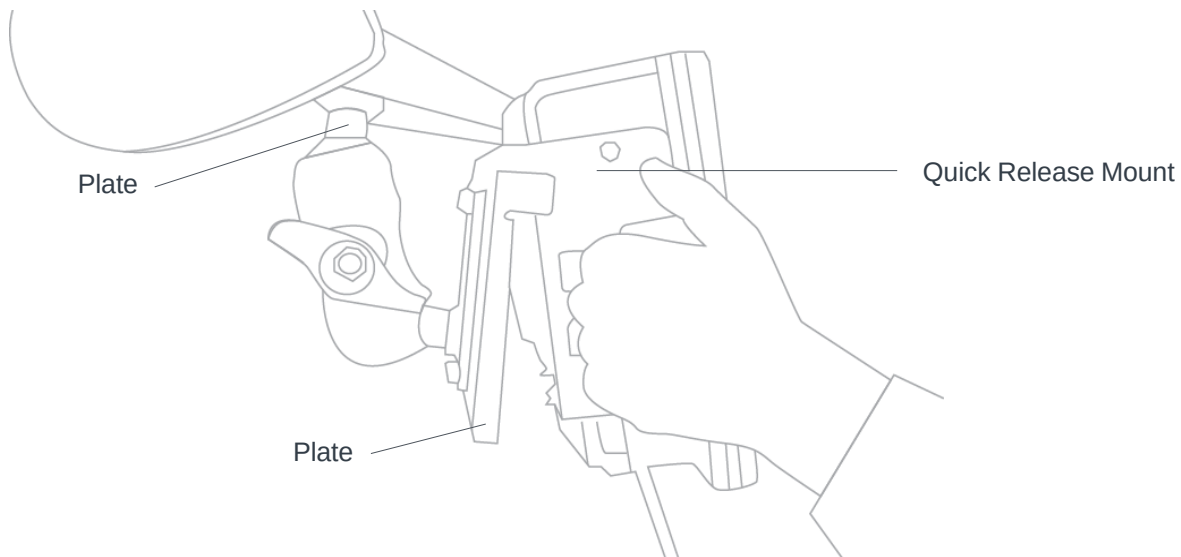


- Your mounting options depend on your computer
  - For VH10, VC80, VC80x, VC8300, choose the following (slides 16/17):
    - RAM Mount
    - Quick-Release Mount
    - Adapter bracket for 82XX mounts
    - Adapter brackets for legacy VCs
  - For the VC70, choose one (slide 18):
    - RAM Mount
    - U Mount
    - Adapter bracket for VC50 mount
  - You can also select a RAM FIXED mount based on your vehicle that works with the VH10, VC70, VC80, VC80x and VC8300 (slide 19)



# Step 2:

## Mounts



FOR VH10, VC80, VC80x, VC8300

DO YOU NEED A RAM MOUNT, A QUICK RELEASE MOUNT, OR ADAPTERS TO OLD 82XX MOUNTS?

|                                                                                     |                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>QUICK RELEASE MOUNT</b>   ID: MT4200<br>Quick release mount. Attaches to the side of the computer and includes Mounting Plate (MT4205) that attaches to forklift. |
|    | <b>PLATE</b>   ID: MT4205<br>Mounting plate for MT4200, Quick Release Mount, needed if you have one computer for multiple trucks                                     |
|  | <b>ADAPTER BRACKET</b>   ID: MT4210<br>Adapter bracket kit for the older 82XX mounts                                                                                 |
|  | <b>PLATE</b>   ID: MT3501<br>VESA plate (for 4" or 12" RAM arm), Can also be attached to Quick Release Mount Plate (MT4205)                                          |
|  | <b>PLATE</b>   ID: MT4510<br>RAM 2"x3" rectangular base with 2.25" rubber ball. Can be attached directly to VH10, VC80, VC80x and VC8300                             |



# Step 2:

## Mounts



FOR VH10, VC80, VC80x, VC8300

DO YOU REPLACE A LEGACY ZEBRA OR HONEYWELL/LXE VC?



**ADAPTER FOR VC50 U-MOUNT**

**| ID: MNT-VC80-ADPA1-1**

The adapter brackets for the VC50 U-Mount can be used to replace a VC50 by a VH10, VC80, VC80x or a VC8300 and reuse the existing U-Mount.



**U-MOUNT, WITH VC70 U-MOUNT HOLE PATTERN**

**| ID: KT-U-MOUNT-VC80-R**

The VC80 Series U-Mount is smaller than the one for the VC50 and has several mounting holes which allow drop-in replacements of VC70, and DLoG U-Mounts. It provides step less tilting of the VC and comes with the VC50 adapters.



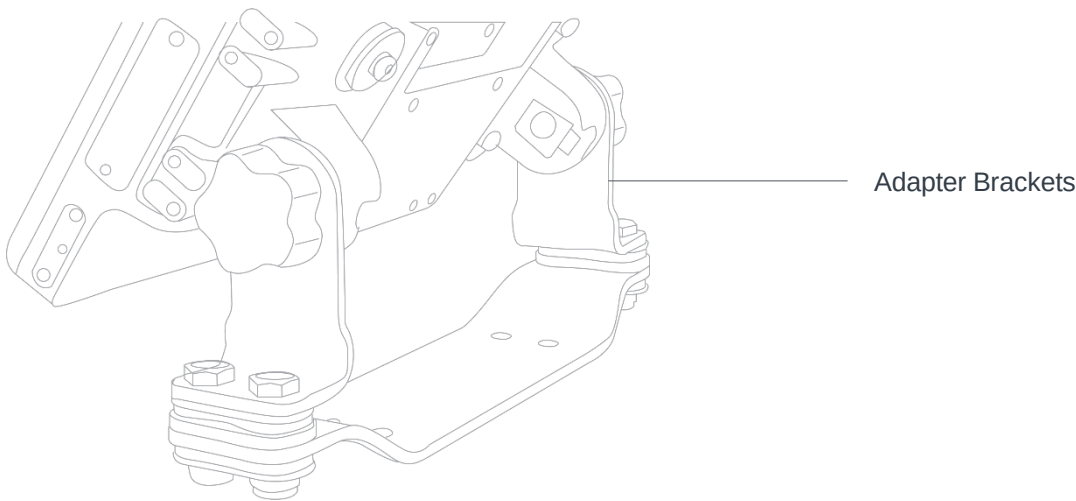
**ADAPTER FOR HONEYWELL U-MOUNT**

**| ID: MNT-VC80-ADPB1-1**

The adapter brackets for the Honeywell U-Mount can be used to replace a Honeywell/LXE VC by a VH10, VC80, VC80x or a VC8300 and reuse the existing U-Mount (Honeywell part number VM1010BRKTKIT).

# Step 2:

## Mounts



Adapter Brackets

| FOR THE VC70                                                                        | DO YOU NEED A RAM MOUNT, AN U MOUNT, OR ADAPTER BRACKETS TO THE VC50 U MOUNT?                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>RAM MOUNT   ID: RAM-D-2461U-MOTO7</b><br>RAM bridge with RAM-D-2461U RAM MOUNT, D (2.25"" size ball with screws. Including screws to mount the PWRS-9-60VDC-01R External DC Power Supply. Used when replacing equipment already mounted with RAM mounts                         |
|   | <b>RAM MOUNT   ID: RAM-D-2461U-MOTO7B</b><br>RAM-D-2461U RAM MOUNT, D (2.25"" size ball with screws. Used when the PWRS-9-60VDC-01R External DC Power Supply has to be mounted away or when AC power supply is used. Used when replacing equipment already mounted with RAM mounts |
|  | <b>U MOUNT   ID: KT-U-MOUNT-VC70-R</b><br>U mount, VC70, with mounting hardware                                                                                                                                                                                                    |
|  | <b>ADAPTER BRACKET   ID: KT-VC50ARM3-VC70-R</b><br>2 mount adapter arms for VC50 bracket, 3.5", with bolts                                                                                                                                                                         |
|  | <b>ADAPTER BRACKET   ID: KT-VC50ARM7-VC70-R</b><br>2 mount adapter arms for VC50 bracket, 7", with bolts                                                                                                                                                                           |

# Step 2:

## Mounts



VH10, VC70, VC80, VC80x, VC8300

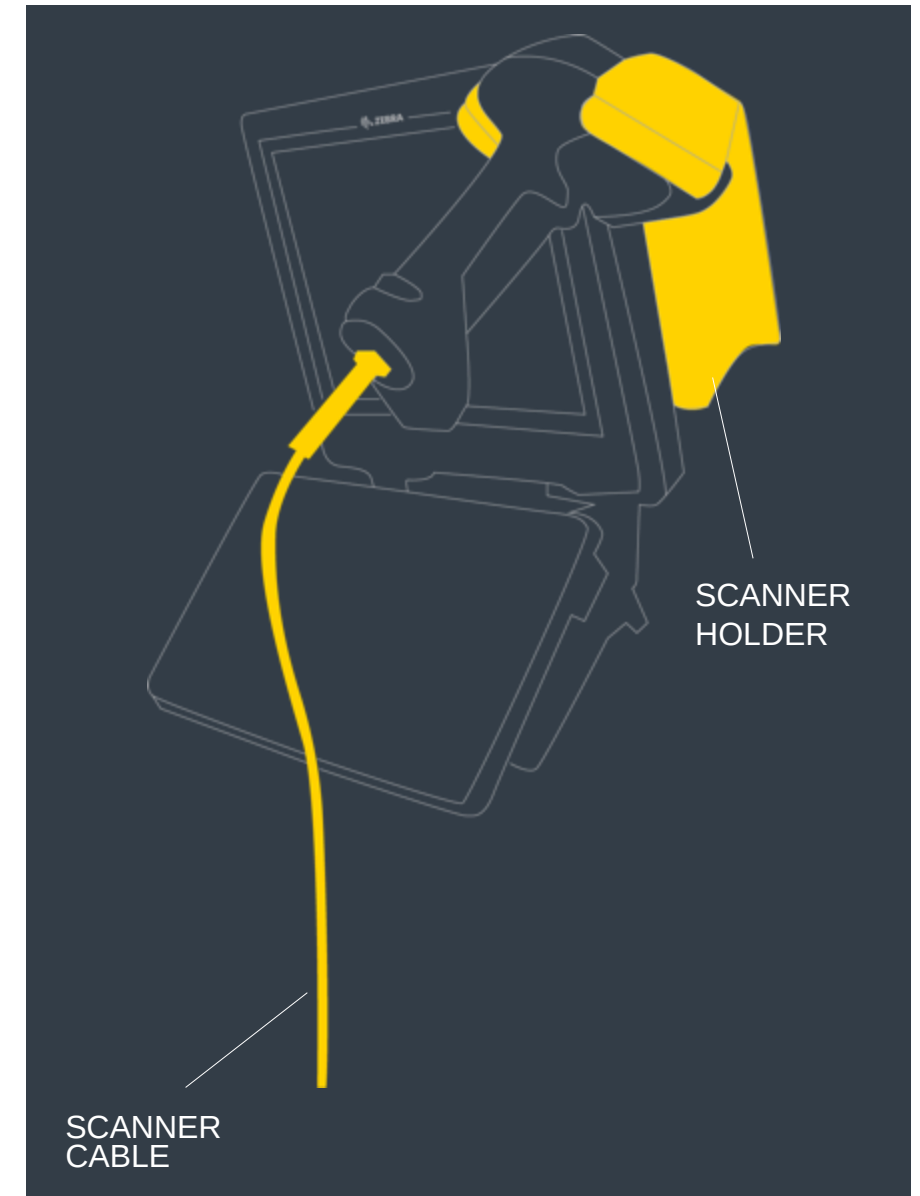
DEPENDING ON THE VEHICLE, BELOW ARE THE RAM FIXED MOUNTING OPTIONS TO THE COMPUTER AND/OR THE VEHICLE.

|                                                                                     |                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|    | <b>ARM   ID: MT4301</b><br>RAM mount, 4" arm                                                                                |
|    | <b>ARM   ID: MT4302</b><br>RAM mount, 12" arm                                                                               |
|    | <b>PLATE   ID: MT3501</b><br>VESA plate (for 4" or 12" RAM arm), Can also be attached to Quick Release Mount Plate (MT4205) |
|    | <b>PLATE   ID: MT3502</b><br>Round plate (for 4" or 12" RAM arm), Uses smaller footprint than MT3501 VESA Plate             |
|    | <b>BASE   ID: MT3505</b><br>Clamp base (for 4" or 12" RAM arm), 2" max. width                                               |
|   | <b>BASE   ID: MT3507</b><br>Clamp base (for 4" or 12" RAM arm), 3" max. width                                               |
|  | <b>BASE   ID: MT3509</b><br>Rail base (for 4" or 12" RAM arm), 1-1/4" to 1-7/8"                                             |
|  | <b>BASE   ID: MT3510</b><br>Rail base (for 4" or 12" RAM arm), 2" to 2 1/2"                                                 |
|  | <b>BASE   ID: MT4510</b><br>RAM 2"x3" rectangular base with 2.25" rubber ball                                               |

## Step 3:

### Scanners

- When shopping for scanner cables, choose between coiled or straight for your scanner and between an RS232 or USB plug.
- Scanner Cables for LI/DS36XX (slide 21)
- Scanner cables for LS/DS 34XX/35XX (slide 21)
- Scanner holders (slide 22)



# Step 3:

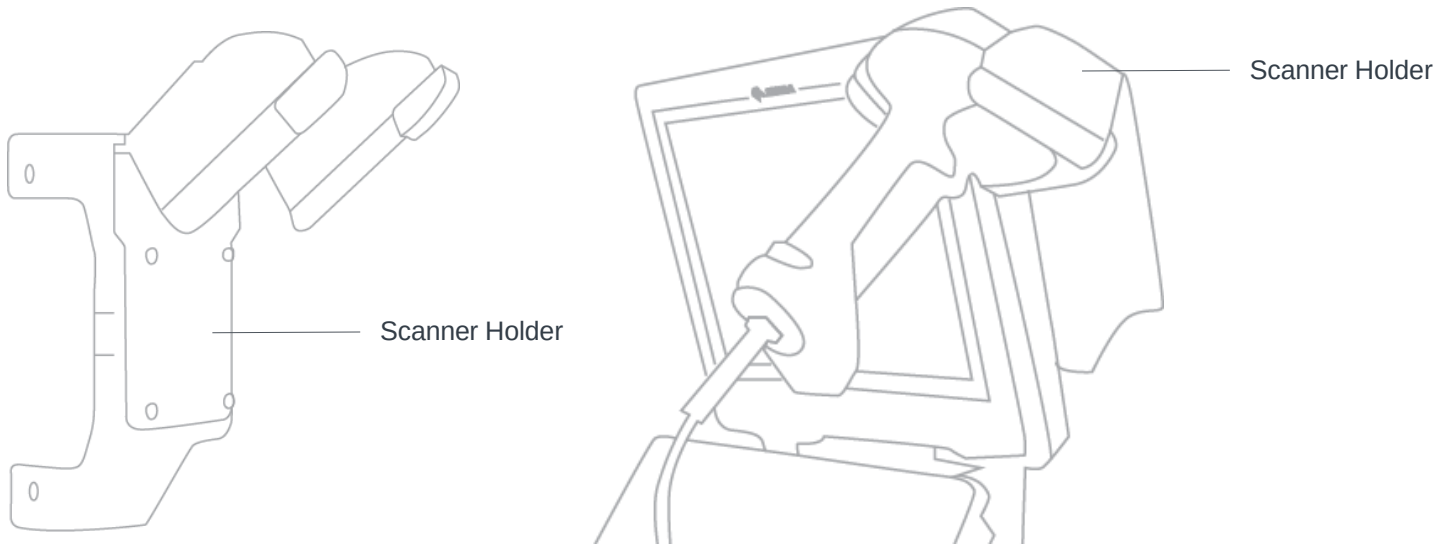
## Scanners



|                                                                                     | LI/DS36XXXX                                                                                                                                        | SCANNER CABLES |  |  |  |  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Photo Not Available                                                                 | <b>RS232</b>   ID: CBA-RF3-C09ZAR<br>Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, -30C          |                |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|    | <b>SHIELDED USB</b>   ID: CBA-UF2-C12ZAR<br>Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C                           |                |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|    | <b>RS232</b>   ID: CBA-R71-C09ZAR<br>Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9                                           |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>RS232</b>   ID: CBA-RF2-C09ZAR<br>Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9, -30C                                     |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
|    | <b>SHIELDED USB</b>   ID: CBA-U46-S07ZAR<br>Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2                                  |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>SHIELDED USB</b>   ID: CBA-U47-S15ZAR<br>Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2                               |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>SHIELDED USB</b>   ID: CBA-UF1-S07ZAR<br>Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2, -30C                            |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
|                                                                                     | LS/DS 34XX/35XX                                                                                                                                    | SCANNER CABLES |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|    | <b>SHIELDED USB</b>   ID: 25-159548-01<br>Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C                             |                |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
| Photo Not Available                                                                 | <b>RS232</b>   ID: CBA-R46-C09ZBR<br>Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter                |                |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
| Photo Not Available                                                                 | <b>RS232</b>   ID: CBA-R49-C09ZAR<br>Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, Low Temp -30C |                |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|  | <b>RS232</b>   ID: CBA-R37-C09ZAR<br>Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9                                           |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>USB</b>   ID: CBA-U09-C15ZAR<br>Cable - USB: Series A Connector, 15ft. (4.6m) Coiled                                                            |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>SHIELDED USB</b>   ID: CBA-U01-S07ZAR<br>Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2                                  |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |
| Photo Not Available                                                                 | <b>SHIELDED USB</b>   ID: CBA-U10-S15ZAR<br>Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2                               |                | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |

# Step 3:

## Scanner Holders

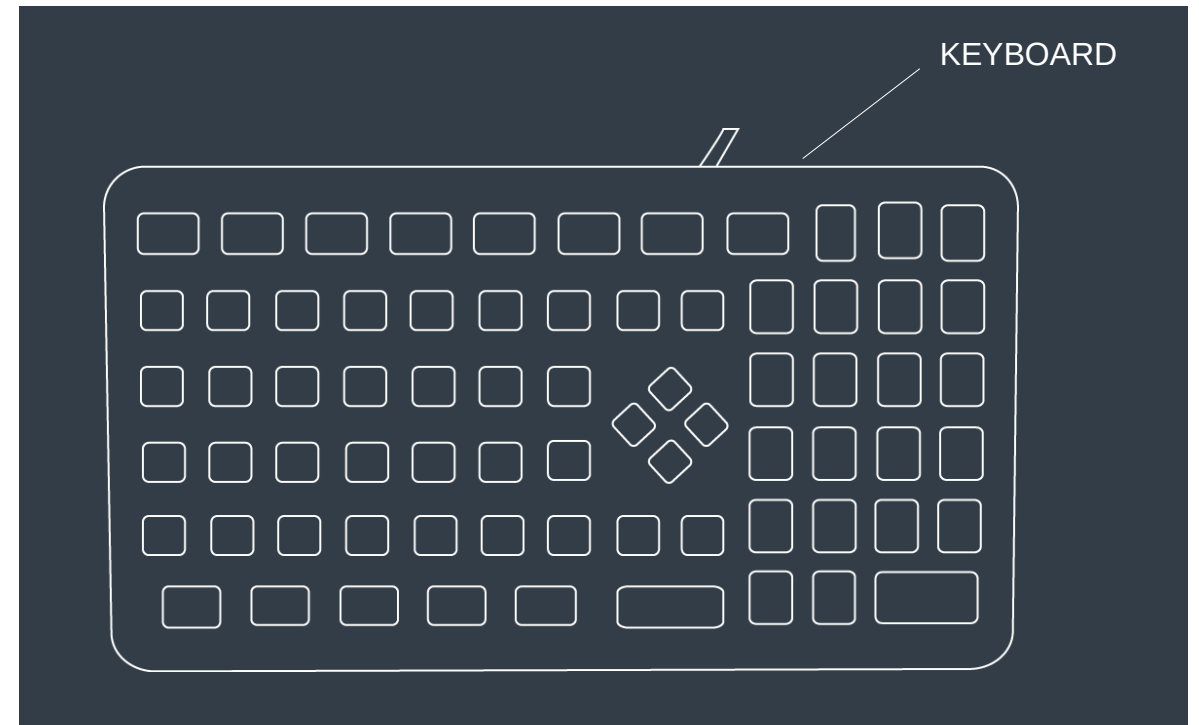


|                                                                                     |                                                                                                                                                                  | VH10                                                                                | VC8300                                                                              | VC70                                                                                | VC80<br>VC80x                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                     |                                                                                                                                                                  |  |  |  |  |
|   | <b>SCANNER HOLDER   ID: KT-SCANMNT-VC70-R</b><br>Mounting holder for the scanner. For LS34x8ER, LS35x8ER. Requires KT-ACCMNT-VC70-R Accessory side mount bracket |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|  | <b>ACCESSORY MOUNT   ID: KT-ACCMNT-VC70-R</b><br>Accessory side mount bracket                                                                                    |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|  | <b>SCANNER HOLDER   ID: KT-SCANMNT-VC80-R</b><br>Side mounted holder for scanner                                                                                 | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |

## Step 4:

### Keyboards

- While the VH10 and the VC8300 have built-in keyboards, the VC70, VC80 and VC80x give you multiple options
  - VC80 and VC80x Keyboards (slide 24)
  - VC70 Keyboards (slide 25)



## Step 4:

### VC80 & VC80x Keyboards, Cables and Mounting Options



**KEYBOARD | ID: KYBD-AZ-VC-01**  
VC USB Keyboard AZERTY



**KEYBOARD | ID: KYBD-QW-VC80-S-1**  
USB Keyboard QWERTY with 22 cm cable for VC80/VC80x



**KEYBOARD | ID: KYBD-QW-VC80-L-1**  
USB Keyboard QWERTY with 300 cm cable for VC80/VC80x



**KEYBOARD CABLE | ID: CBL-VC80-KBUS1-01**  
22 cm VC80 Series USB cable for heated Keyboard



**KEYBOARD CABLE | ID: CBL-VC80-KBUS2-01**  
300 cm VC80 Series USB cable for heated Keyboard



**KEYBOARD | ID: KYBD-NU-VC70-03R**  
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer



**KEYBOARD TRAY | ID: KT-KYBDTRAY-VC80-R**  
QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws.



**KEYBOARD SIDE MOUNT BRACKET | ID: KYBD-NU-VC80-03R**  
Function/Numeric keypad side mount bracket



# Step 4:

## VC70 Keyboards, Cables and Mounting Options



**KEYBOARD | ID: KYBD-AZ-VC-01**  
VC USB Keyboard AZERTY



**KEYBOARD | ID: KYBD-QW-VC70-S-1**  
USB Keyboard QWERTY with 18 cm cable for VC70



**KEYBOARD | ID: KYBD-QW-VC70-L-1**  
USB Keyboard QWERTY with 300 cm cable for VC70



**KEYBOARD | ID: KYBD-QW-VC70F-S-1**  
USB Keyboard QWERTY with 37 cm y-cable for VC70 Freezer



**KEYBOARD | ID: KYBD-QW-VC70F-L-1**  
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer



**KEYBOARD CABLE | ID: CBL-VC70-KBUS1-01**  
18 cm VC70 USB cable for heated Keyboard



**KEYBOARD CABLE | ID: CBL-VC70-KBUS2-01**  
300 cm VC70 USB cable for heated Keyboard



**KEYBOARD CABLE | ID: CBL-VC70-KBUS4-01**  
37 cm VC70 USB & RS232 Y-cable for heated Keyboard



**KEYBOARD CABLE | ID: CBL-VC70-KBUS4-01**  
300 cm VC70 USB & RS232 Y-cable for heated Keyboard



**KEYBOARD | ID: KYBD-NU-VC70-03R**  
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer



**KEYBOARD TRAY | ID: KT-KYBDTRAY-VC70-3**  
QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws.

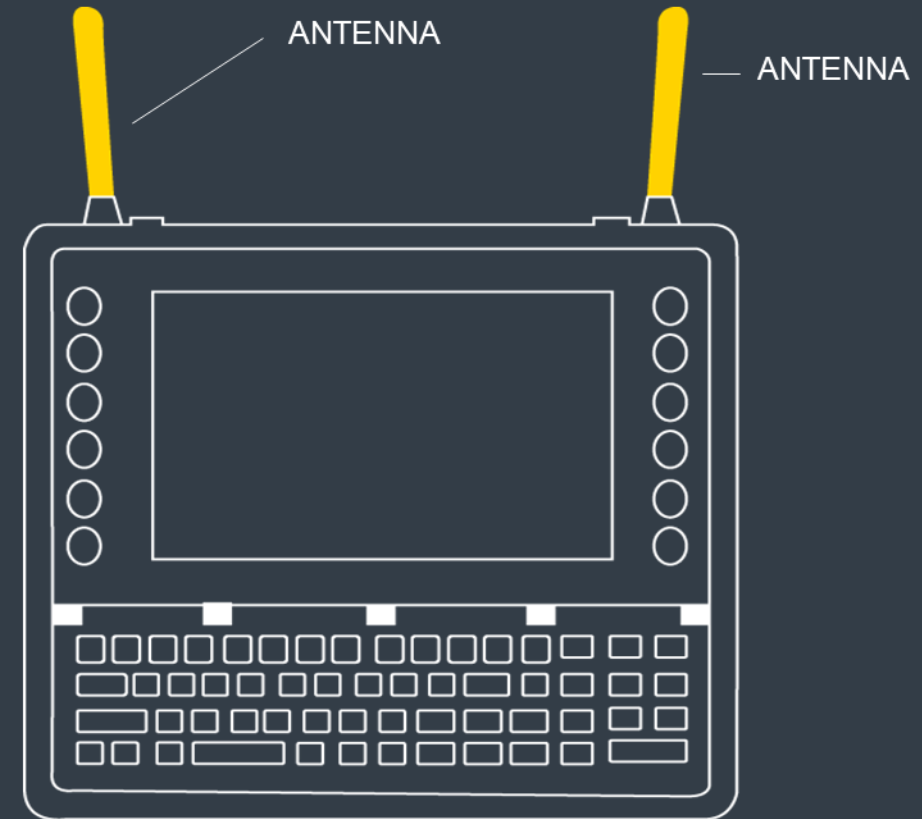
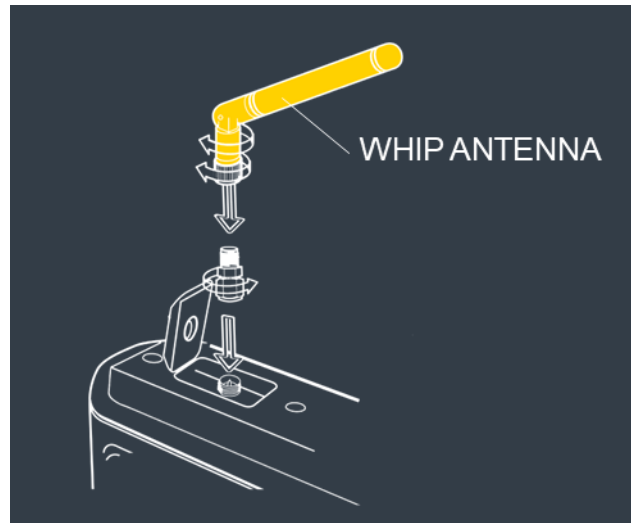


**KEYBOARD SIDE MOUNT BRACKET | ID: KT-KYBDMNT-VC70-R**  
Function/Numeric keypad side mount bracket

## Step 5:

### Antennas

- Your options of antennas are wide (slides 27/28):
  - Wi-Fi: VH10, VC70, VC80, VC80x, VC8300
  - Narrowband: VH10 Only
  - GPS: VC80 Only
  - Right-angle adapter for installations with little overhead space
    - VH10, VC70, VC80, VC80x, VC8300



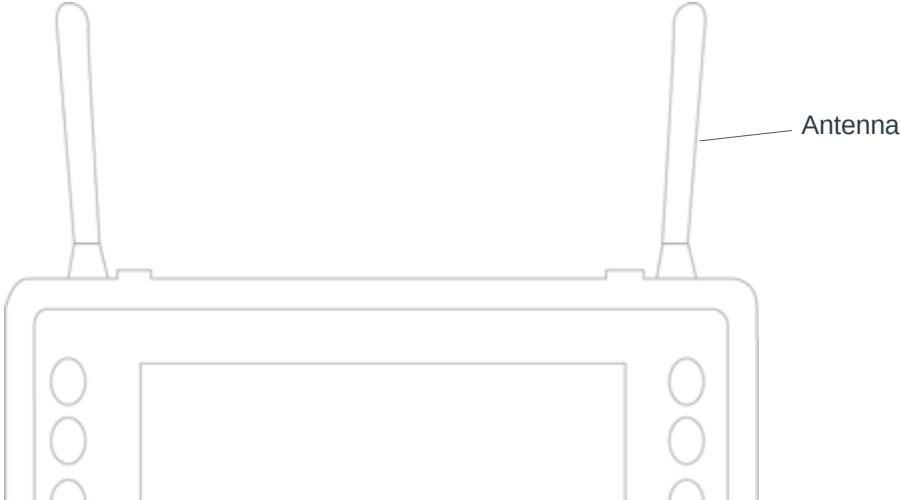
# Step 5:

## Antennas & Connectivity to choose from

| ALL VCS                                                                             | ANTENNAS & CONNECTIVITY FOR WIFI                                                                                                  |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|    | <b>ANTENNA   ID: 20667-002</b><br>Whip antenna (stubby), 802.11 b/g - dipole 2 dBi reverse polarity SMA connector                 |
|    | <b>ANTENNA   ID: AN2010</b><br>Antenna, dual band, 802.11 a/b/g/n, 2 dBi, RPSMA connector, magnetic mount, 2.9m                   |
|    | <b>ANTENNA   ID: AN2020</b><br>Antenna, 2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9m                         |
|    | <b>ANTENNA   ID: AN2030</b><br>Whip antenna (stubby), dual band, 802.11 a/b/g/n, 2.4GHz 2dBi, 5GHz 3.7 dBi, RPSMA connector, WiFi |
| VC70                                                                                | ADAPTERS FOR VC70 TO ATTACH EXTERNAL WIFI ANTENNAS WITH RPSMA CONNECTOR                                                           |
|   | <b>ADAPTER   ID: RPSMA-RTRPSMA-05R</b><br>ANTENNA ADAPTER RPSMA - RTRPSMA, 5-PACK, Required for the VC70 WiFi Antennas            |
|  | <b>ADAPTER   ID: RPSMA-RTRPSMA-10R</b><br>ANTENNA ADAPTER RPSMA - RTRPSMA, 10-PACK, Required for the VC70 WiFi Antennas           |

# Step 5:

## Antennas & Connectivity to choose from



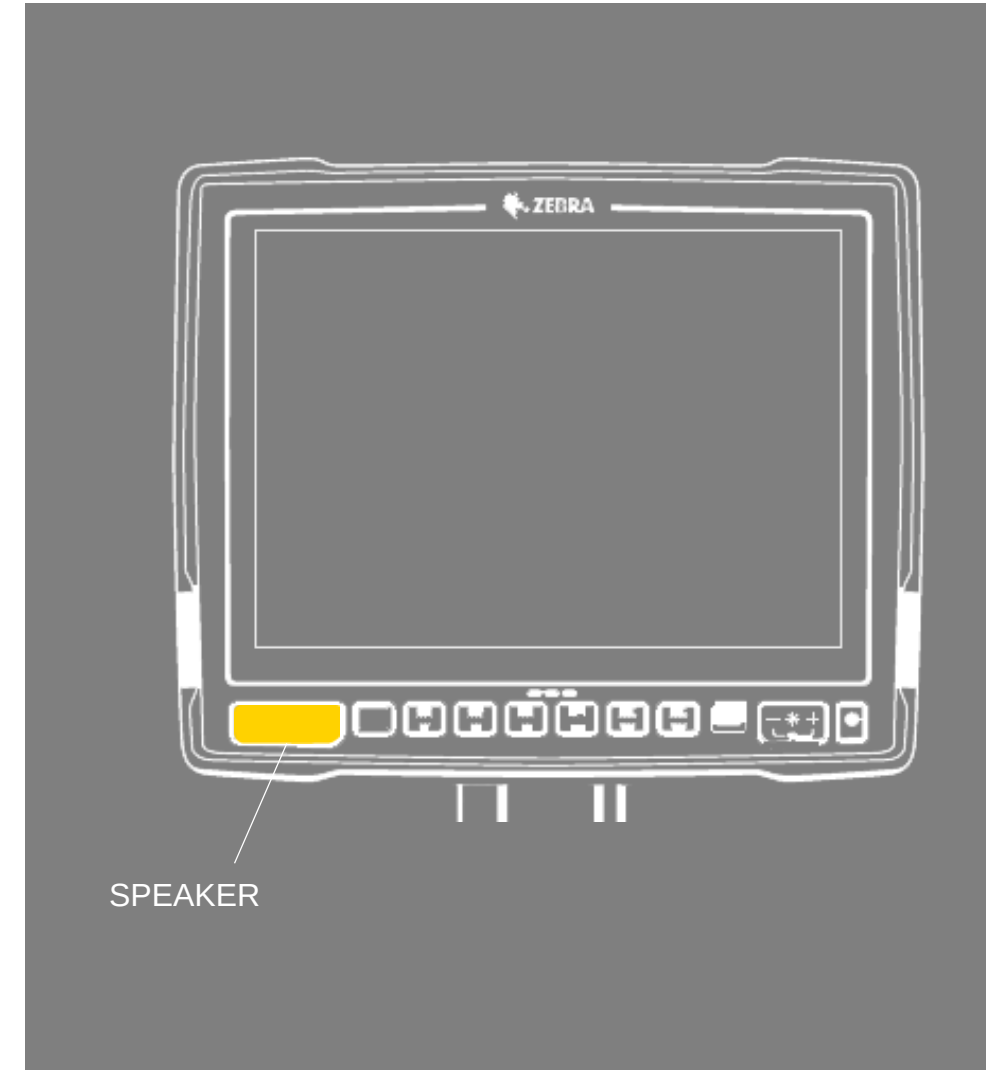
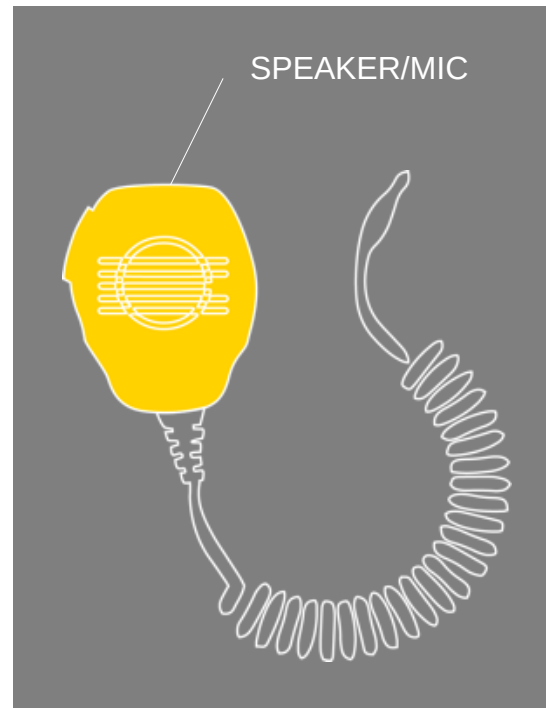
|                                                                                     |                                                                                               |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>VH10</b>                                                                         | <b>ANTENNAS &amp; CONNECTIVITY FOR NARROWBAND</b>                                             |
|    | <b>ANTENNA   ID: 9009801</b><br>Antenna, Narrow Band 1/4 wave, 406-512 MHz 6" NB              |
|    | <b>MOUNT   ID: 9009792</b><br>Mount, Magnetic, for Narrowband, antenna, SMA, 12' cable        |
| <b>VC80</b>                                                                         | <b>ANTENNA FOR GPS</b>                                                                        |
|  | <b>ANTENNA   ID: AN000090A01</b><br>GNSS antenna, magnetic mount, 2.9 m cable                 |
| <b>ALL VCS</b>                                                                      | <b>RIGHT ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE SPACE OVERHEAD, ALL VCS</b>              |
|  | <b>RIGHT ANGLE ADAPTER   ID: AR1000</b><br>Right Angle SMA reverse polarity plug-jack Adapter |

## Step 6:

### Voice



- Select from turnkey kits or voice accessories A LA Carte.
- Your Voice options (slide 30)
  - Voice



# Step 6:

Voice

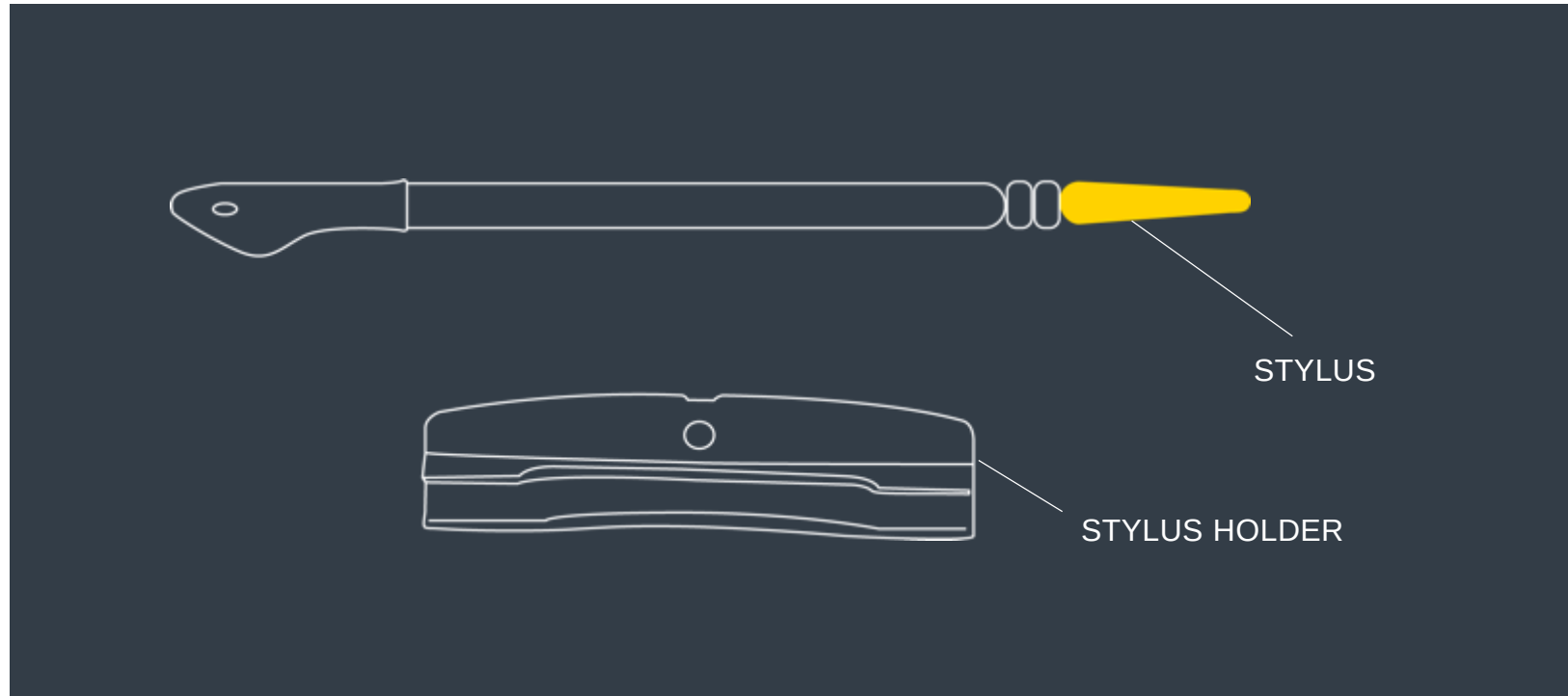


|                                                                                     |                                                                                                                                                                                                                      | VH10                                                                                | VC8300                                                                              | VC70                                                                                | VC80<br>VC80x                                                                       |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                     |                                                                                                                                                                                                                      |  |  |  |  |
| Photo Not Available                                                                 | <b>MICROPHONE KIT   ID: KT-MIC-01R</b><br>This bundle includes the VC70 External PTT mic, the Motorola HMN1089B Water-resistant Palm Microphone or equivalent and the KT-ACCMNT-VC70-R Accessory Side mount bracket. |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|    | <b>MICROPHONE   ID: HMN1089B</b><br>Push-To-Talk Hand Microphone, GCAI connector, Water Resistant                                                                                                                    |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|    | <b>SIDE MOUNT   ID: KT-ACCMNT-VC70-R</b><br>Accessory Side mount bracket                                                                                                                                             |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
| Photo Not Available                                                                 | <b>SPEAKER KIT   ID: KT-SPKR-01R</b><br>This bundle includes the External speaker, the Motorola HSN4039A 13 Watt water-resistant loudspeaker and the 25-159552-01 VC70 external speaker adapter cable.               |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|    | <b>SPEAKER   ID: HSN4040A</b><br>External speaker, Motorola HSN4040A 13 Watt water-resistant loudspeaker. Requires 25-159552-01                                                                                      |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|  | <b>INTERFACE CABLE   ID: 25-159552-01</b><br>Speaker cable adapter, for HSN4040A, VC70. Required to connect the HSN4040A external speaker.                                                                           |                                                                                     |                                                                                     | •                                                                                   |                                                                                     |
|  | <b>SPEAKER/MIC   ID: M1000</b><br>Speaker/Mic with push-to-talk function                                                                                                                                             | •                                                                                   |                                                                                     |                                                                                     | •                                                                                   |

## Step 7:

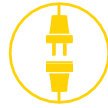
### Miscellaneous

- Don't forget to consider the following accessories (slide 32)
  - Stylus
  - Screen protector
  - CAN BUS cable
  - USB to Ethernet adapter



# Step 7:

## Miscellaneous



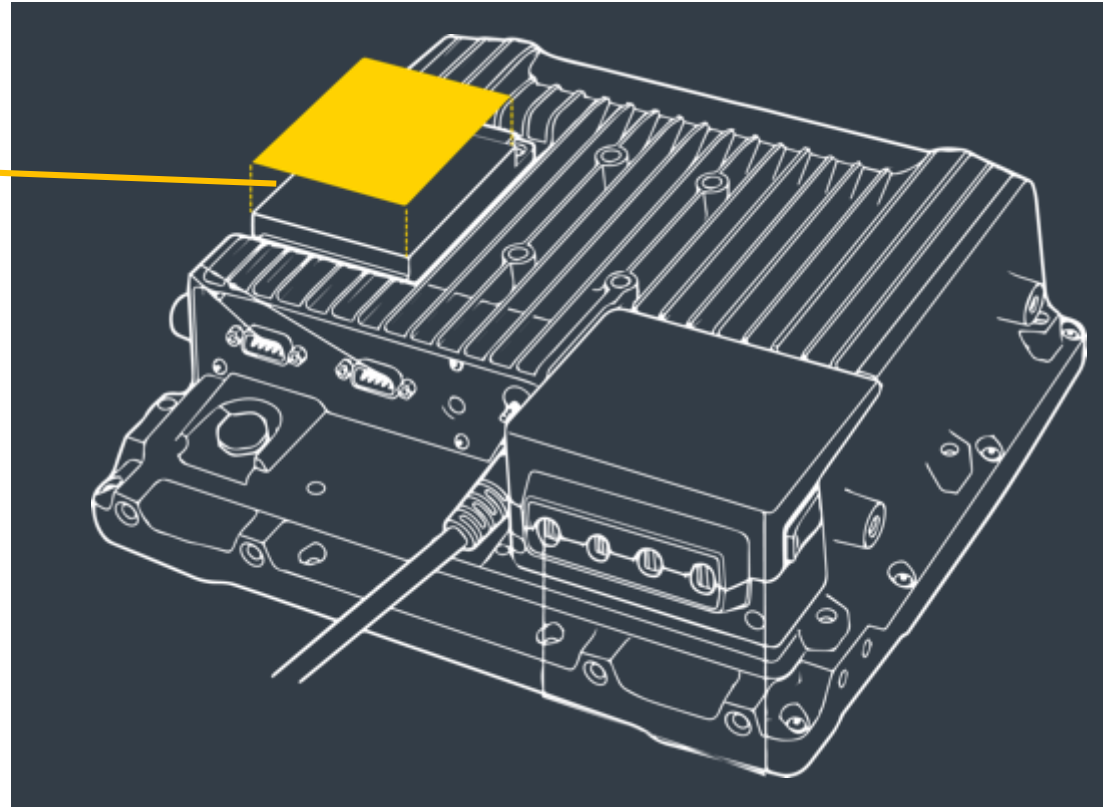
|                                                                                    |                                                                            | VH10                                                                                     | VC8300                                                                              | VC70                                                                                     | VC80                                                                                     | VC80x                                                                                    |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|    | <b>ID: SL0001</b><br>Stylus and Stylus Holder                              | <br>• |  | <br>• | <br>• | <br>• |
|    | <b>ID: VA6200</b><br>Screen Protector Pack of 3                            | •                                                                                        |                                                                                     |                                                                                          |                                                                                          |                                                                                          |
|    | <b>ID: KT-SPRTCT-VC70-05R</b><br>Screen Protector Pack of 5                |                                                                                          |                                                                                     | •                                                                                        | •                                                                                        | •                                                                                        |
|    | <b>ID: CA1300</b><br>Screen blanking cable (DB9 to open wires)             | •                                                                                        | •                                                                                   |                                                                                          | •                                                                                        | •                                                                                        |
|    | <b>ID: CB-000433-01</b><br>CAN Bus Cable (RJ45 to Deutsch)                 |                                                                                          |                                                                                     |                                                                                          | •                                                                                        |                                                                                          |
|    | <b>ID: WA4070</b><br>USB to Ethernet Adapter                               | •                                                                                        | •                                                                                   |                                                                                          | •                                                                                        | •                                                                                        |
|  | <b>ID: 25-159547-01</b><br>Cable DB15M to DB9M, for COM2                   |                                                                                          |                                                                                     | •                                                                                        |                                                                                          |                                                                                          |
|  | <b>ID: SG-VC70-VISR1-01</b><br>VC70 Sun Visor mountable with cut out wing. |                                                                                          |                                                                                     | •                                                                                        |                                                                                          |                                                                                          |
| Photo Not Available                                                                | <b>ID: KT-AREFL-VC83-8-1</b><br>Anti Reflection Foil                       |                                                                                          | •                                                                                   |                                                                                          |                                                                                          |                                                                                          |



## Step 8:

### Service Parts

- Stock up on these essential spare parts (slides 34/35)
  - Tool kit
  - Keypads
  - Touch screens
  - Spare battery



# Step 8:

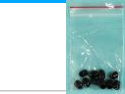
## Service Parts

| SERVICE PARTS                                                                      |                                                                         | VH10<br> | VC8300<br> | VC70<br> | VC80<br>VC80x<br> |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Photo Not Available                                                                | <b>ID: AL1001</b><br>QWERTY Keypad                                      | •                                                                                           |                                                                                               |                                                                                             |                                                                                                      |
| Photo Not Available                                                                | <b>ID: AL1002</b><br>AZERTY Keypad                                      | •                                                                                           |                                                                                               |                                                                                             |                                                                                                      |
| Photo Not Available                                                                | <b>ID: AL2002</b><br>Front with standard touch screen and function keys | •                                                                                           |                                                                                               |                                                                                             |                                                                                                      |
| Photo Not Available                                                                | <b>ID: AL2002</b><br>Front with heated touch screen and function keys   | •                                                                                           |                                                                                               |                                                                                             |                                                                                                      |
|   | <b>ID: ST2000</b><br>Modular Services Kit                               | •                                                                                           | •                                                                                             |                                                                                             | •                                                                                                    |
| Photo Not Available                                                                | <b>ID: KT-VC80-BTRY1-01</b><br>Spare Battery                            |                                                                                             | •                                                                                             |                                                                                             | •                                                                                                    |
| Photo Not Available                                                                | <b>ID: KT-VC80-SCRH1-01</b><br>Front with Touch Screen (heated)         |                                                                                             |                                                                                               |                                                                                             | •                                                                                                    |
|  | <b>ID: KT-VC80-SCRN1-01</b><br>Front with Touch Screen (non-heated)     |                                                                                             |                                                                                               |                                                                                             | •                                                                                                    |
| Photo Not Available                                                                | <b>ID: BTRY-VC70IAB00</b><br>Spare Battery                              |                                                                                             |                                                                                               | •                                                                                           |                                                                                                      |
| Photo Not Available                                                                | <b>ID: KYBD-QW-VC-01</b><br>QWERTY Spare Elastomer for VC USB Keyboard  |                                                                                             |                                                                                               | •                                                                                           | •                                                                                                    |
| Photo Not Available                                                                | <b>ID: KYBD-AZ-VC-01</b><br>AZERTY Spare Elastomer for VC USB Keyboard  |                                                                                             |                                                                                               | •                                                                                           | •                                                                                                    |

# Step 8:

## Service Parts

### SERVICE PARTS



**ID: SPR-SMA-DC-10**  
SMA antenna connector dust caps, pack of 10

**ID: TBD**  
QWERTY Keypad

**ID: TBD**  
AZERTY Keypad

**ID: TBD**  
Front with standard touch screen and function keys

**ID: TBD**  
Front with heated touch screen and function keys

VH10



•

VC8300



•

VC70



VC80  
VC80x



•