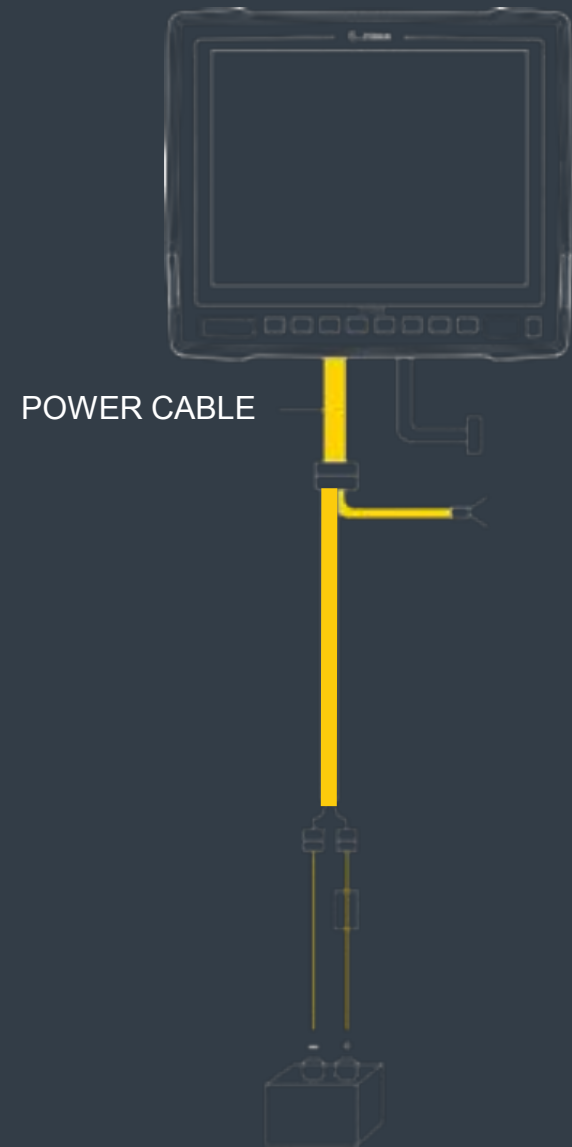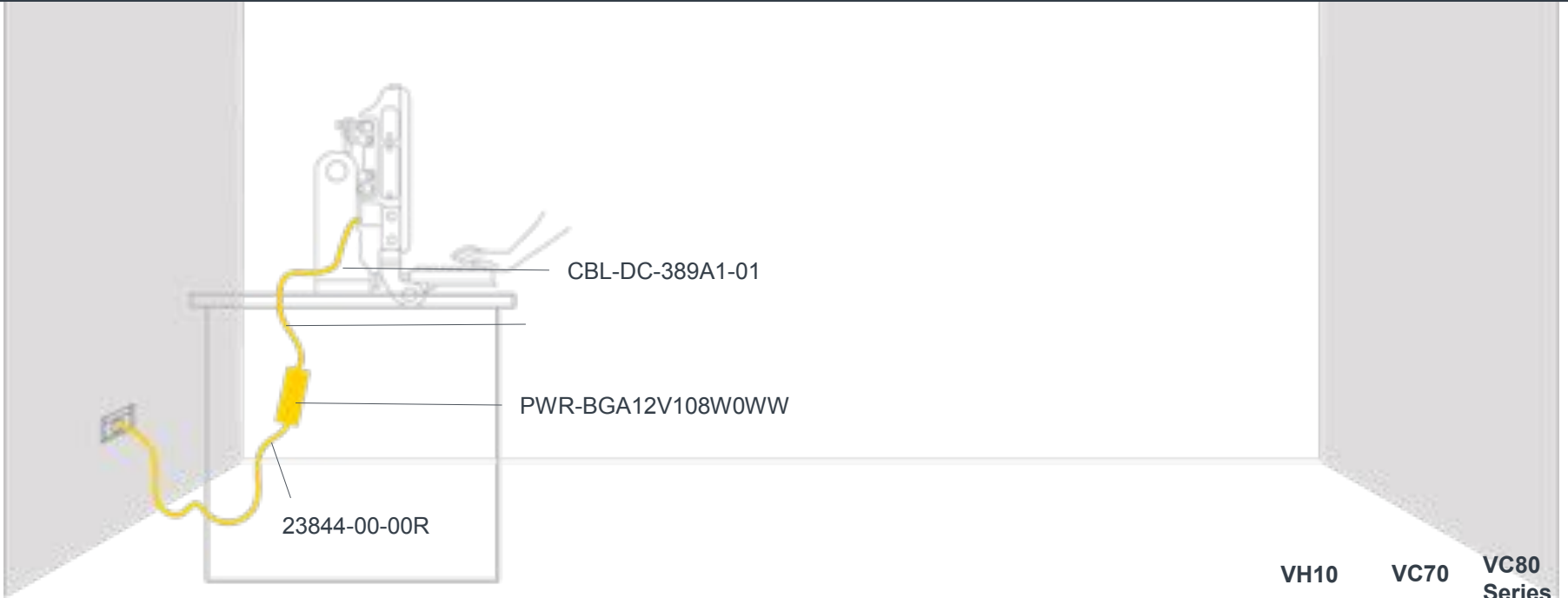# STEP 1: POWER SUPPLIES AND CABLES 🔌

CHOOSE FROM MULTIPLE INSTALLATION CASES:

• PLUG INTO AN AC WALL OUTLET

    • **VC70, VC80 Series OR VH10** ————— SLIDE 6

• PLUG INTO THE VEHICLE'S DC POWER

    • **VC70** ————— SLIDE 7-9
    • **VH10 OR VC80 Series** ————— SLIDE 10-14

POWER CABLE

ZEBRA

CBL-DC-389A1-01

PWR-BGA12V108W0WW

23844-00-00R

		VH10	VC70	VC80 Series

VC70, VC80 Series OR VH10	**POWERED BY PLUGGING INTO AN AC WALL OUTLET**			
AC POWER CABLE | **ID:** 23844-00-00R US AC line cord, 7.5 feet long, grounded, three wire for the AC power supplies PS1450 and PWR-BGA12V108W0WW. Associated Countries: United States.		•	•	•
AC POWER SUPPLY for VC70 | **ID:** PWR-BGA12V108W0WW Order country specific 3 wire grounded AC line cord separately.			•	
DC POWER SUPPLY ADAPTER CABLE for VC70 | **ID:** CBL-DC-389A1-01 6.5', required when the PWR-BGA12V108W0WW is used.			•	
AC POWER SUPPLY for VH10 and VC80 Series | **ID:** PS1450 100/240 VAC Power Supply, 12V, 6A, order AC cable separate		•		•

PWRS-9-60VDC-01R
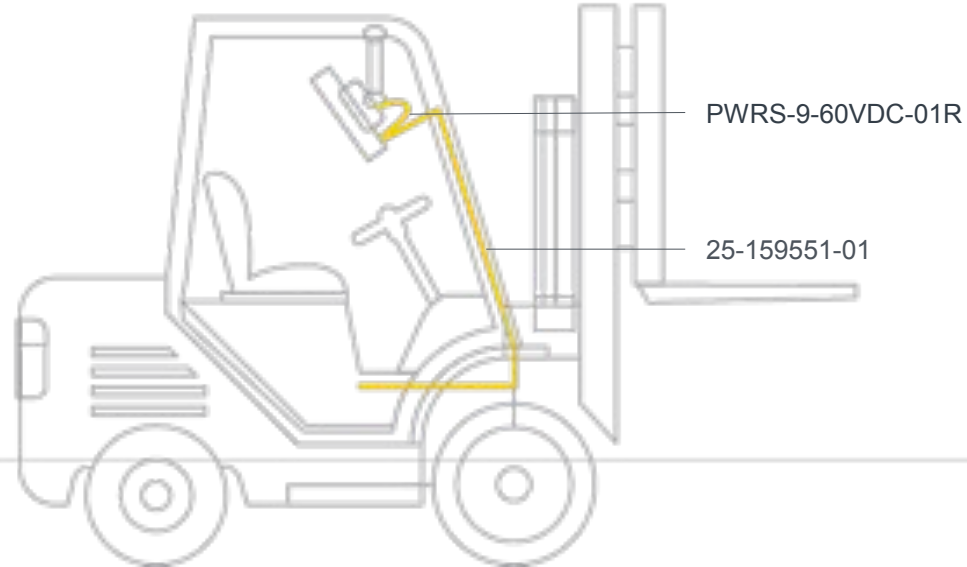
25-159551-01

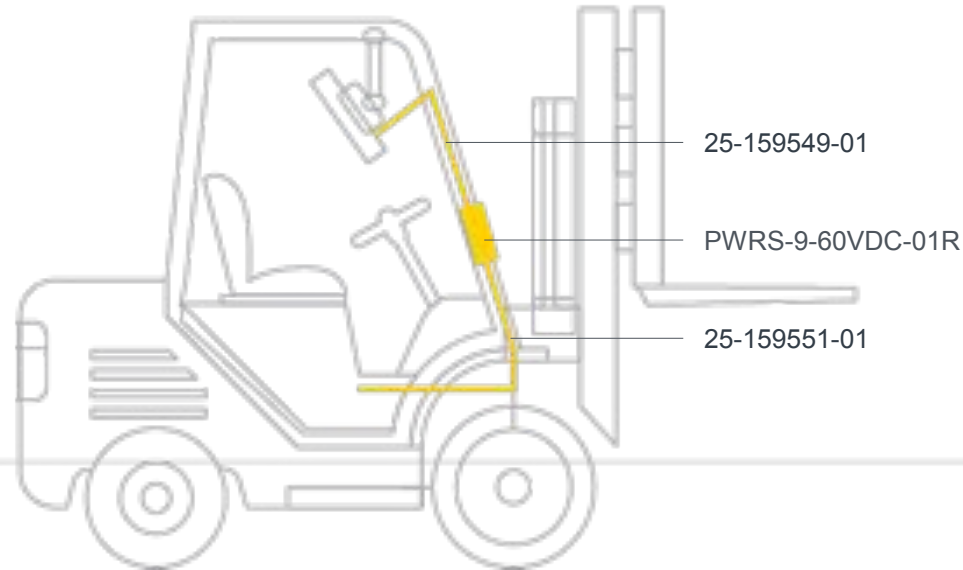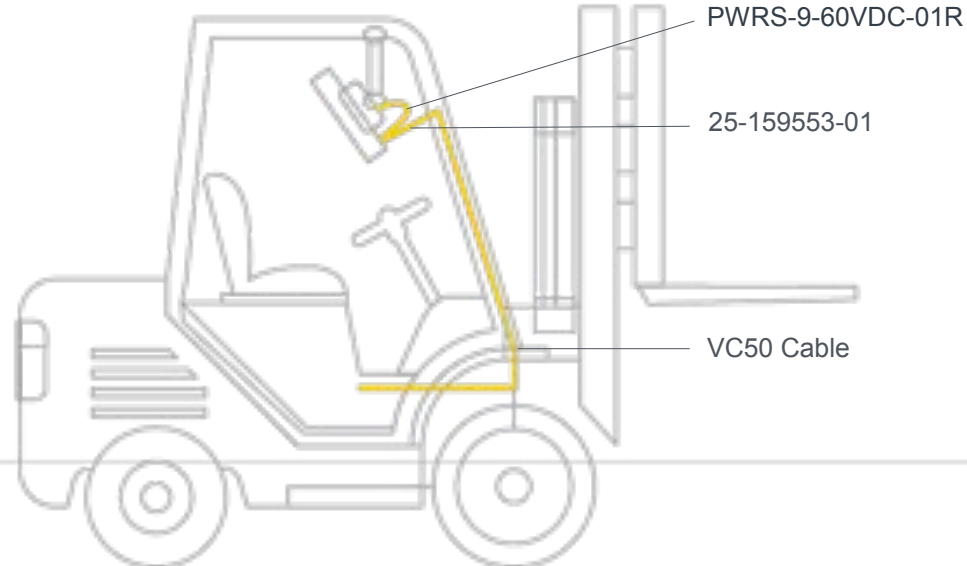| VC70	VEHICLE MOUNT (DC POWER SUPPLY MOUNTED ON THE VC70)
DC POWER SUPPLY | ID: PWRS-9-60VDC-01R External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery
DC POWER CABLE | ID: 25-159551-01 Cable, external 9-60V DC power supply to vehicle battery, 10', includes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

Buy both

25-159549-01

PWRS-9-60VDC-01R

25-159551-01

VC70	VEHICLE MOUNT (DC POWER SUPPLY NOT MOUNTED ON THE VC70)
	EXTENSION CABLE | ID: 25-159549-01 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.
	DC POWER SUPPLY | ID: PWRS-9-60VDC-01R External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery
	DC POWER CABLE | ID: 25-159551-01 Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R

Buy all of these

PWRS-9-60VDC-01R

25-159553-01

VC50 Cable

VC70	VEHICLE MOUNT (WHEN REPLACING THE VC50 AND REUSING THE VC50 DC POWER CABLE)

Buy both		**DC POWER SUPPLY** **| ID:** PWRS-9-60VDC-01R External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery
		POWER ADAPTER CABLE | ID: 25-159553-01 Cable, external power supply to existing VC5090 power cable (25-71919-03R or 25-71919-04R), includes fuses, 2', VC70
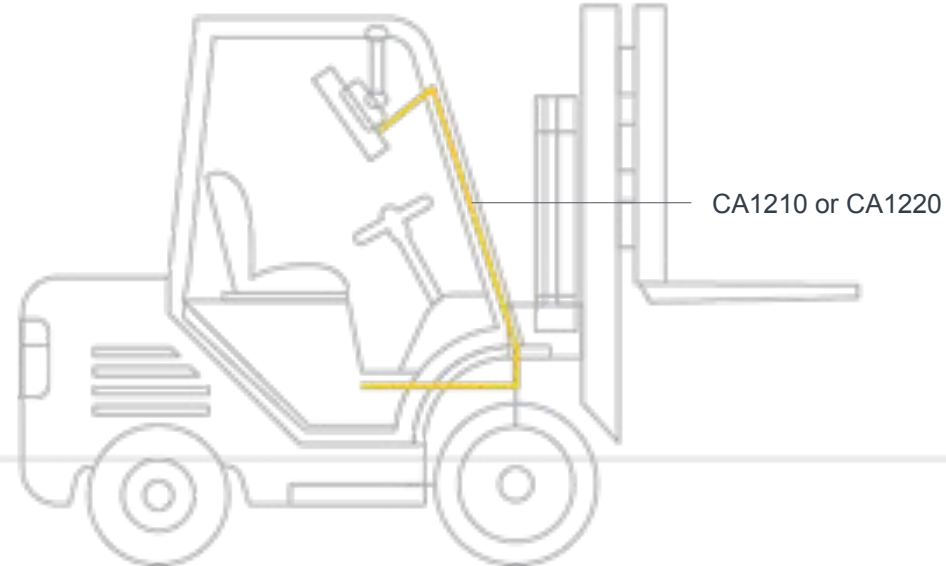
CA1210 or CA1220

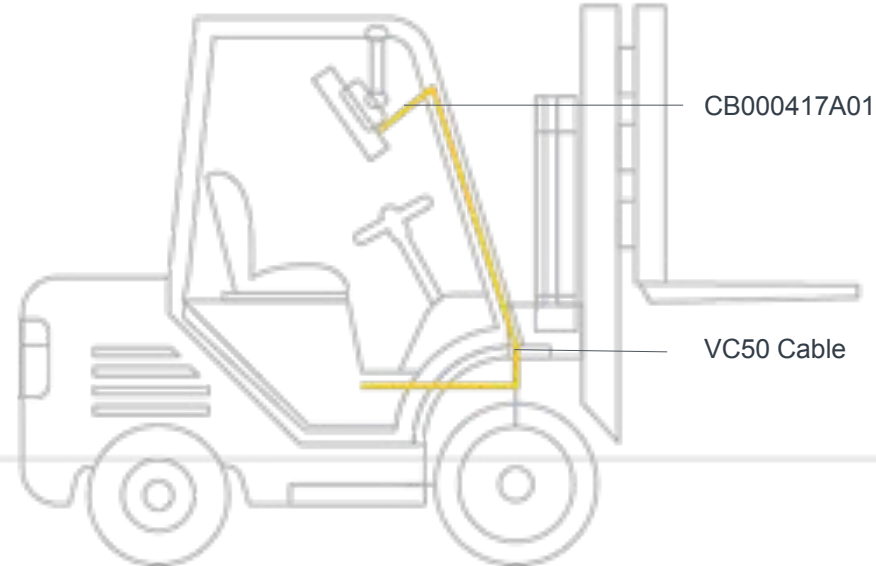| **VH10 OR VC80 Series**	**VEHICLE MOUNT (POWER SUPPLY IS INSIDE THE COMPUTER)**

Pick one

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

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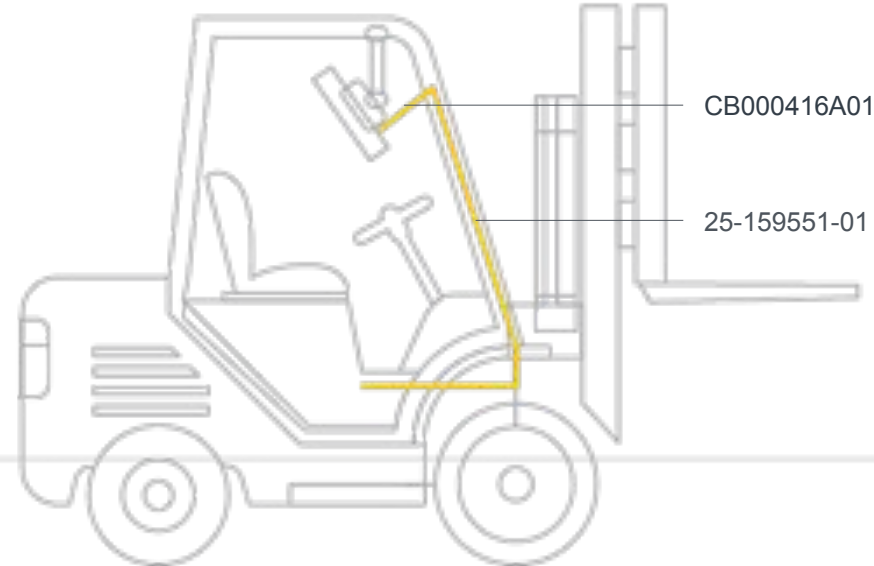Power Extension Cable DC, 6', waterproof - Includes Screen Blanking feature

CB000417A01

VC50 Cable

VH10 OR VC80 Series

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

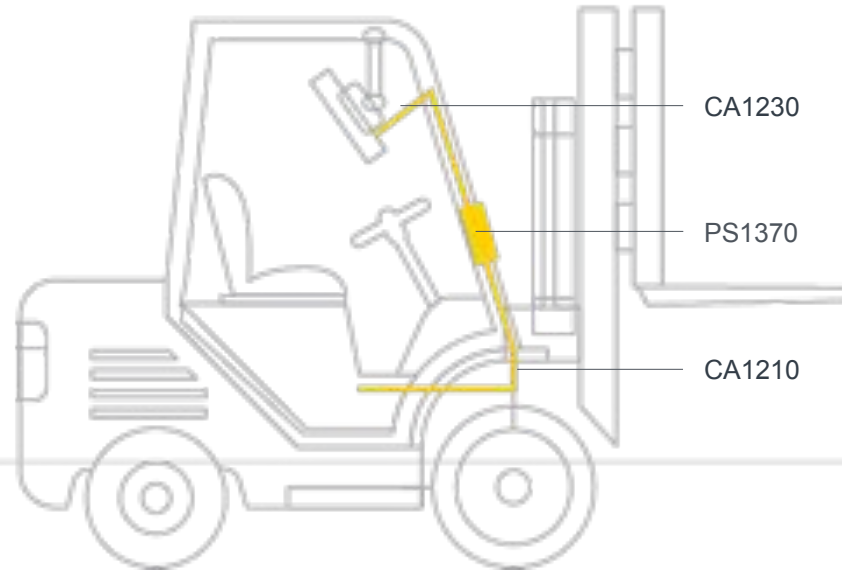**POWER ADAPTER CABLE | ID:** CB000417A01
DC Power Adapter to VC50

CB000416A01

25-159551-01

VH10 OR VC80 Series	VEHICLE MOUNT (WHEN REPLACING VC70 AND REUSING THE VC70 DC POWER CABLE)

POWER ADAPTER CABLE | ID: CB000416A01
DC Power Adapter to VC70

CA1230

PS1370

CA1210

VH10 OR VC80 Series	VEHICLE MOUNT (WITH PRE-REGULATOR TO DECREASE VOLTAGE - FOR TRUCKS WITH BATTERIES GREATER THAN 48V)

Buy all three

DC POWER CABLE | ID: CA1230
DC Power Adapter to VC70

PRE-REGULATOR | ID: PS1370
Pre-Regulator, 19 - 90 VDC in, 15 VDC out, 90 W

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

A9169798 or A9169801

Honeywell / LXE Cable
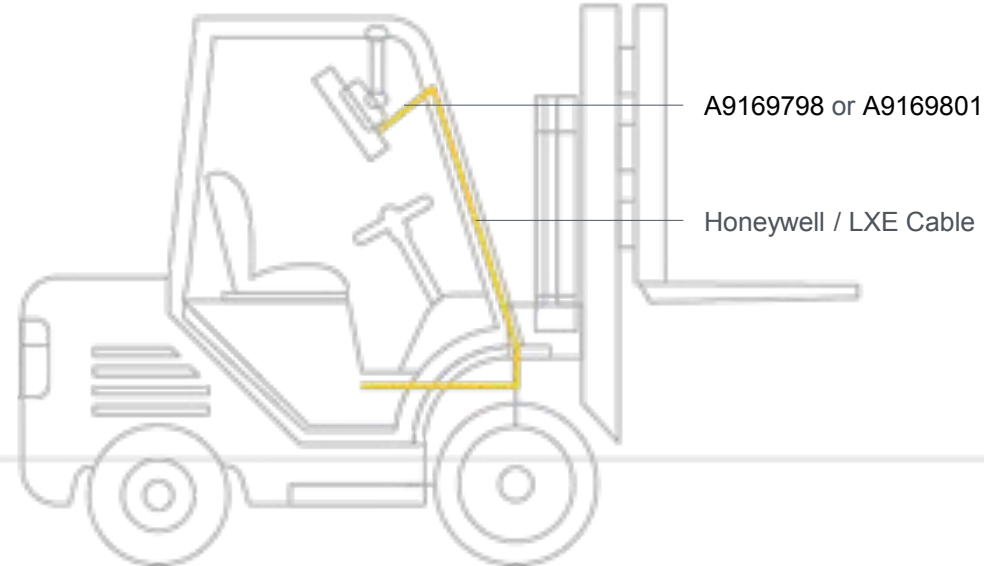
VH10 OR VC80 Series	VEHICLE MOUNT (WHEN REPLACING A HONEYWELL/LXE VC AND REUSING THE DC POWER CABLE)

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 THE VH10 AND VC80 Series —— SLIDES 16
CHOOSE BETWEEN THE FOLLOWING: AND 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 —— SLIDE 19
MOUNT BASED ON YOUR VEHICLE THAT
WORKS WITH THE VH10, VC70 , VC80 AND VC80x.

PLATE

ARM

BASE

Base

Quick Release Mount

Plate
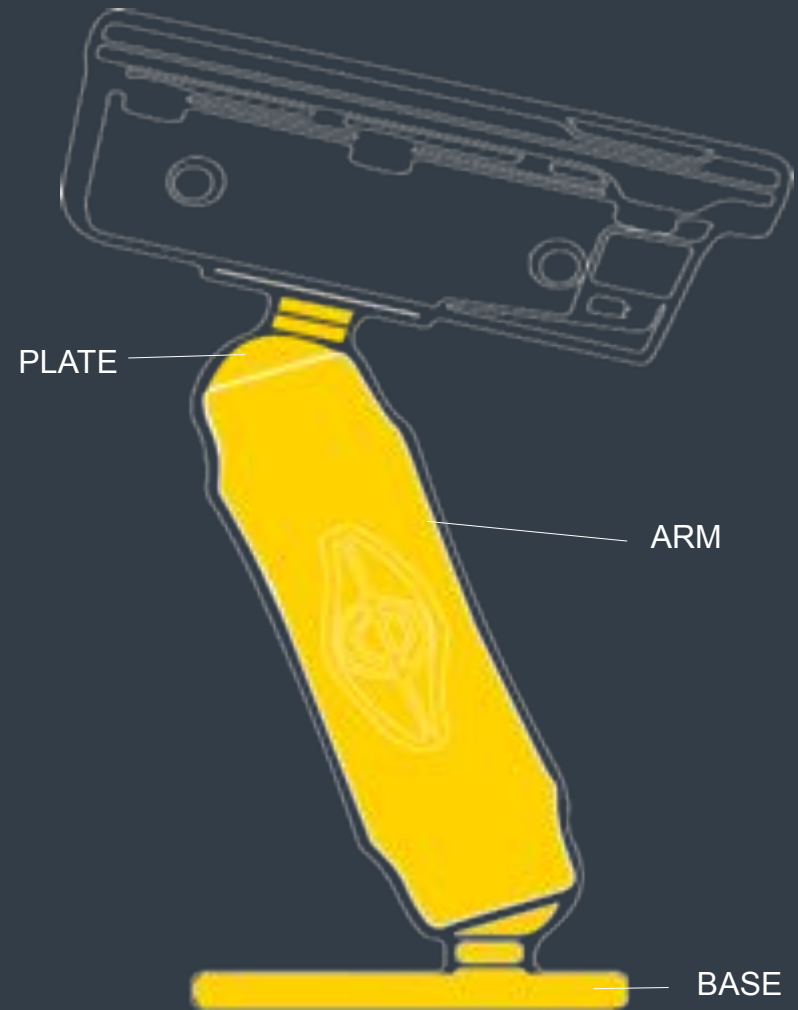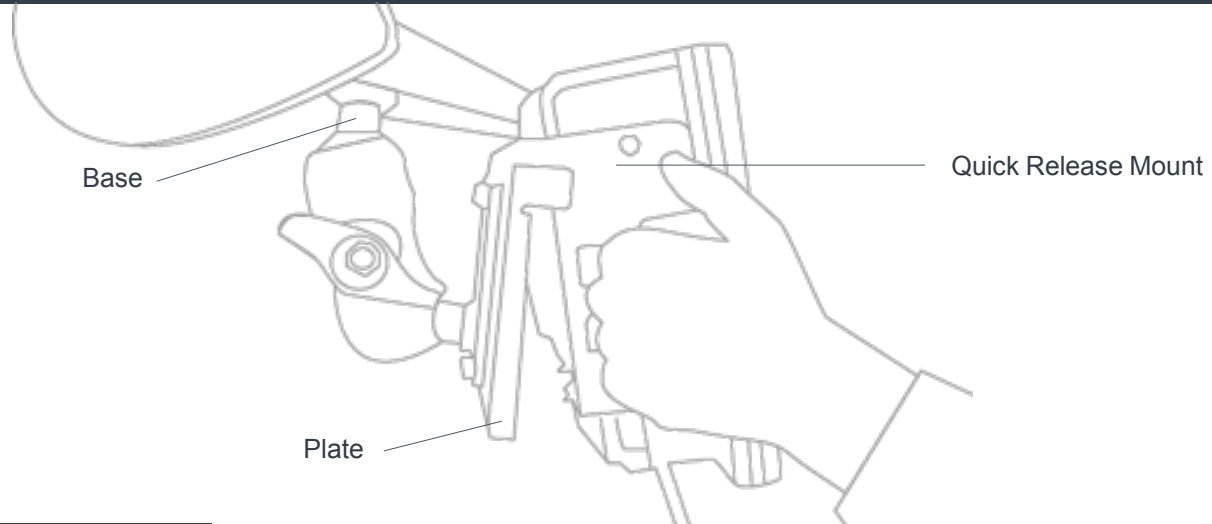
FOR THE VH10 OR VC80 Series	**DO YOU NEED A RAM MOUNT, A QUICK RELEASE MOUNT, OR ADAPTERS TO OLD 82XX MOUNTS?**

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

FOR THE VH10 OR VC80 Series	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 or a VC80x 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 or a VC80x and reuse the existing U-Mount (Honeywell part number VM1010BRKTKIT).

ZEBRA
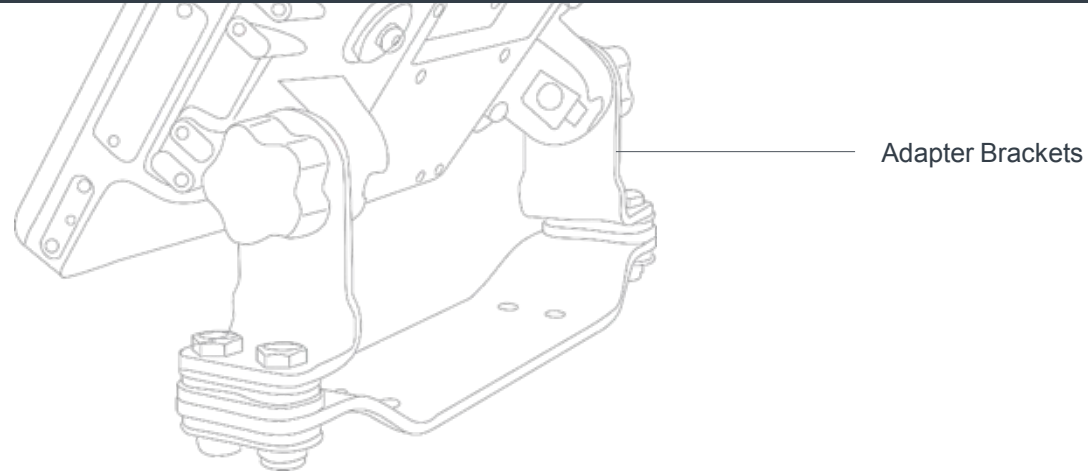
Adapter Brackets

FOR THE VC70	DO YOU NEED A RAM MOUNT, AN U MOUNT, OR ADAPTER BRACKETS TO THE VC50 U MOUNT?

RAM MOUNT | **ID:** RAM-D-2461U-MOTO7

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

RAM MOUNT | **ID:** RAM-D-2461U-MOTO7B

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

U MOUNT | **ID:** KT-U-MOUNT-VC70-R

U mount, VC70, with mounting hardware

ADAPTER BRACKET | ID: KT-VC50ARM3-VC70-R

2 mount adapter arms for VC50 bracket, 3.5", with bolts

ADAPTER BRACKET | ID: KT-VC50ARM7-VC70-R

2 mount adapter arms for VC50 bracket, 7", with bolts

VC70, VC80 Series & VH10	DEPENDING ON THE VEHICLE, BELOW ARE THE RAM FIXED MOUNTING OPTIONS TO THE COMPUTER AND/OR THE VEHICLE.

ARM | ID: MT4301
RAM mount, 4" arm

ARM | ID: MT4302
RAM mount, 12" arm

PLATE | ID: MT3501
VESA plate (for 4" or 12" RAM arm), Can also be attached to Quick Release Mount Plate (MT4205)

PLATE | ID: MT3502
Round plate (for 4" or 12" RAM arm), Uses smaller footprint than MT3501 VESA Plate

BASE | ID: MT3505
Clamp base (for 4" or 12" RAM arm), 2" max. width

BASE | ID: MT3507
Clamp base (for 4" or 12" RAM arm), 3" max. width

BASE | ID: MT3509
Rail base (for 4" or 12" RAM arm), 1-1/4" to 1-7/8"

BASE | ID: MT3510
Rail base (for 4" or 12" RAM arm), 2" to 2 1/2"

BASE | ID: MT4510
RAM 2"x3" rectangular base with 2.25" rubber ball
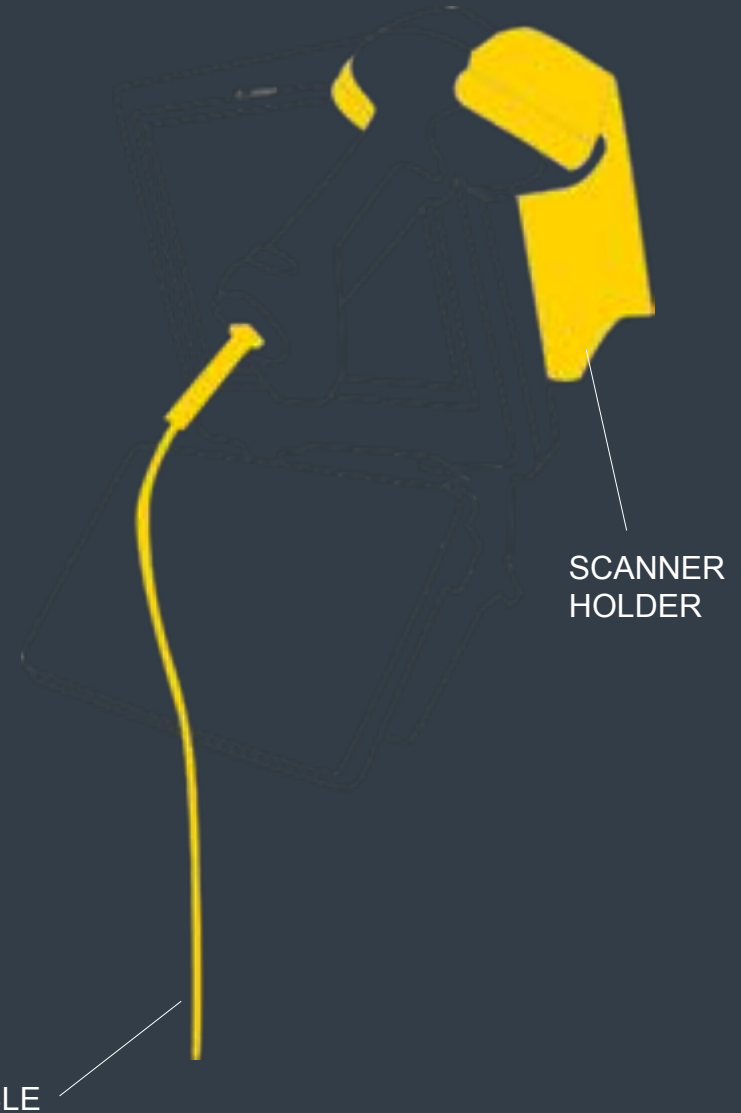
STEP 3: SCANNERS

WHEN SHOPPING FOR SCANNER CABLES, CHOOSE BETWEEN COILED OR STRAIGHT FOR YOUR SCANNER AND BETWEEN A RS232 OR USB PLUG.

SCANNER CABLES FOR **DS36XX** ——— SLIDE 21

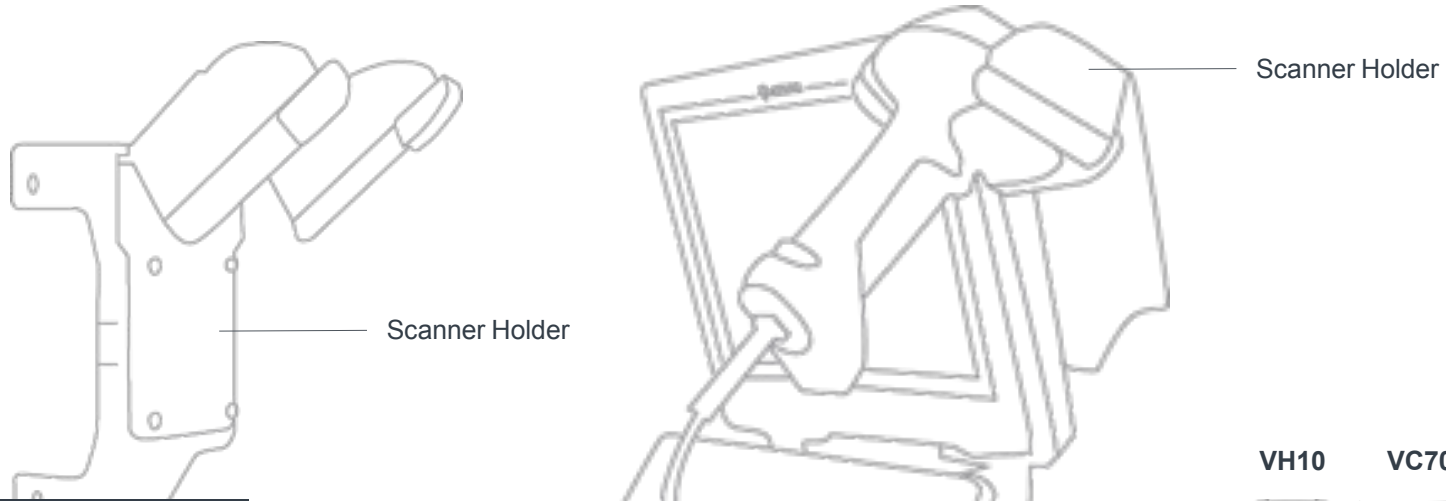SCANNER CABLES FOR **LS/DS 34XX/35XX** ——— SLIDE 22

SCANNER HOLDERS INCLUDE ——— SLIDE 23

- UNIVERSAL OPTIONS
- SOLUTIONS FOR LS34X8ER AND LS35X8ER
- THERMOTRAZ HEATED

SCANNER HOLDER

SCANNER CABLE

		VH10	VC70	VC80 Series
DS36XX	**SCANNER CABLES**			
	RS232 | **ID:** CBA-RF3-C09ZAR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, -30C		●	
	SHIELDED USB | **ID:** CBA-UF2-C12ZAR Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C		●	
	RS232 | **ID:** CBA-R71-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9	●		●
	RS232 | **ID:** CBA-RF2-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9, -30C	●		●
	SHIELDED USB | **ID:** CBA-U46-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2	●		●
	SHIELDED USB | **ID:** CBA-U47-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2	●		●
	SHIELDED USB | **ID:** CBA-UF1-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2, -30C	●		●
LS/DS 34XX/35XX	**SCANNER CABLES**			
	SHIELDED USB | **ID:** 25-159548-01 Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C		●	
	RS232 | **ID:** CBA-R46-C09ZBR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter		●	
	RS232 | **ID:** CBA-R49-C09ZAR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, Low Temp -30C		●	
	RS232 | **ID:** CBA-R37-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9	●		●
	USB | **ID:** CBA-U09-C15ZAR Cable - USB: Series A Connector, 15ft. (4.6m) Coiled	●		●
	SHIELDED USB | **ID:** CBA-U01-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2	●		●
	SHIELDED USB | **ID:** CBA-U10-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2	●		●

Scanner Holder

Scanner Holder

SCANNER HOLDERS

|		VH10	VC70	VC80 Series
	SCANNER HOLDER | ID: KT-SCANMNT-VC70-R Mounting holder for the scanner. For LS34x8ER, LS35x8ER. Requires KT-ACCMNT-VC70-R Accessory side mount bracket		●	
	ACCESSORY MOUNT | ID: KT-ACCMNT-VC70-R Accessory side mount bracket		●	
	SCANNER HOLDER | ID: 9008951 Thermotrax heated scanner holder with cable management system, 12 Volt, for LS/DS 34xx / 35xx	●	●	●
	SCANNER HOLDER | ID: 9008953 Thermotrax heated scanner holder with cable management system, 36-48 Volt, for LS/DS 34xx / 35xx	●	●	●
	SCANNER HOLDER | ID: 9008952 Thermotrax heated scanner holder with cable management system, 24 Volt, for LS/DS 34xx / 35xx	●		●
	SCANNER HOLDER | ID: KT-SCANMNT-VC80-R Side mounted holder for scanner	●		●

STEP 4: KEYBOARDS

WHILE THE VH10 HAS A BUILT-IN KEYBOARD, THE VC70 AND VC80 Series GIVE YOU MULTIPLE OPTIONS.

VC80 Series KEYBOARDS ———————— SLIDE 24

VC70 KEYBOARDS ———————— SLIDE 25

IKey KEYBOARDS ———————— SLIDE 26
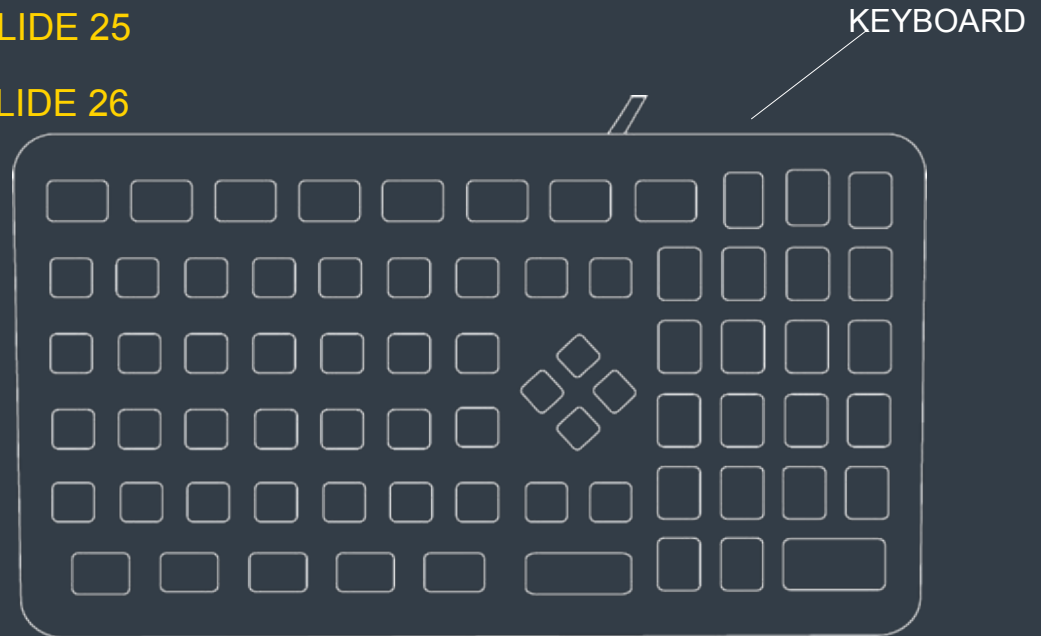
KEYBOARD

VC80 Series

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-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

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
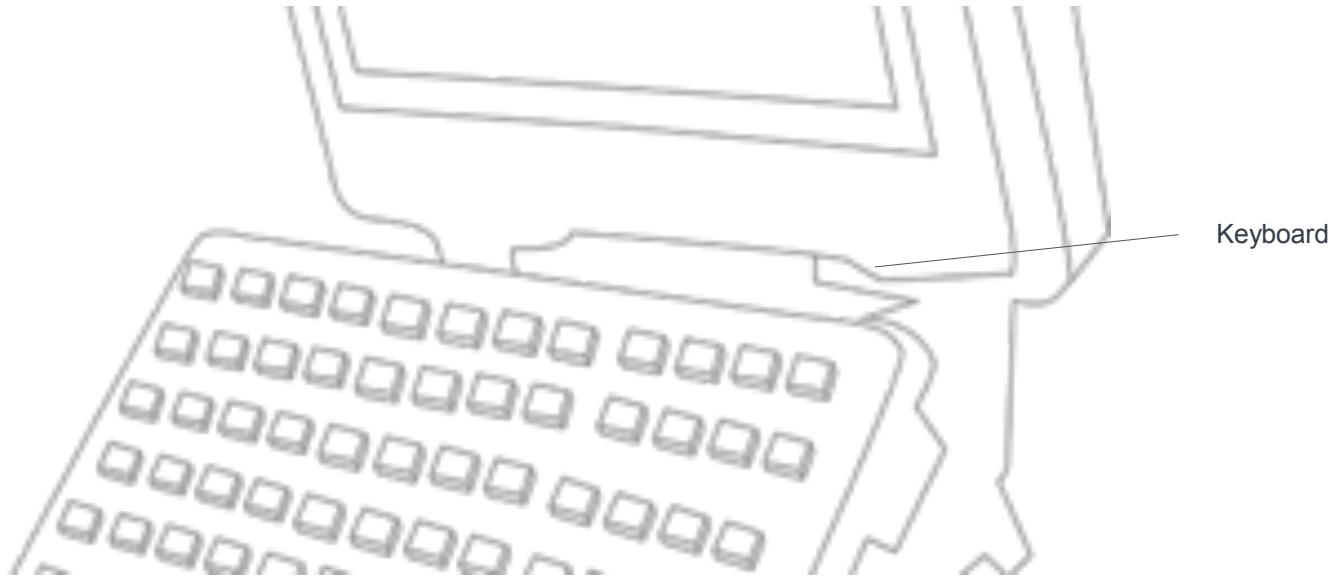
Keyboard

| VC70 & VC80 Series	iKey KEYBOARDS
	KEYBOARD	**ID:** 9010376 iKey Keyboard, English, backlight, USBCable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD
	KEYBOARD	**ID:** 9010377 iKey Keyboard, English, color, USB
	KEYBOARD	**ID:** SLK-101-M-USB-3F iKey Keyboard, 101 keys (12 Function keys), large numeric pad, backlight, USB

STEP 5: ANTENNAS 📶

YOUR OPTIONS OF ANTENNAS ARE WIDE: ——— SLIDE 28

- WIFI – **VC70, VC80 Series & VH10**
- NARROWBAND – **VH10 ONLY**
- GPS – **VC80 Series ONLY**
- RIGHT-ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE OVERHEAD SPACE – **VC70, VC80 Series & VH10**

ANTENNA

ANTENNA
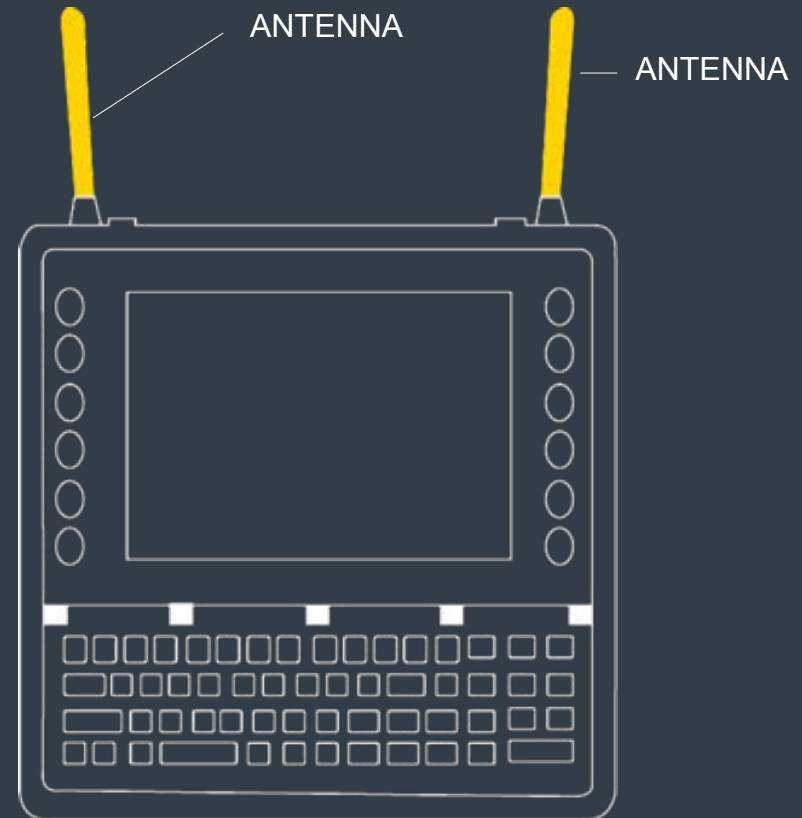
WHIP ANTENNA

HERE'S A LIST OF ANTENNAS AND CONNECTIVITY FOR YOU TO CHOOSE FROM

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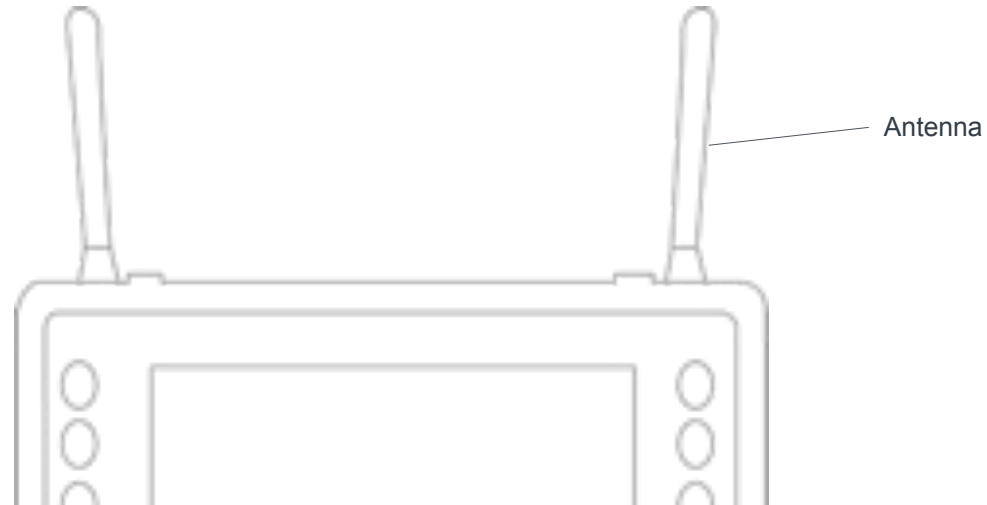
Antenna

VH10	ANTENNAS & CONNECTIVITY FOR NARROWBAND

ANTENNA | ID: 9009801
Antenna, Narrow Band 1/4 wave, 406-512 MHz 6" NB

MOUNT | ID: 9009792
Mount, Magnetic, for Narrowband, antenna, SMA, 12' cable

VC80 / VC80x	ANTENNA FOR GPS

ANTENNA | ID: RPSMA-RTRPSMA-05R
GNSS antenna, magnetic mount, 2.9 m cable

ALL VCS	RIGHT ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE SPACE OVERHEAD, ALL VCS

RIGHT ANGLE ADAPTER | ID: AR1000
Right Angle SMA reverse polarity plug-jack Adapter
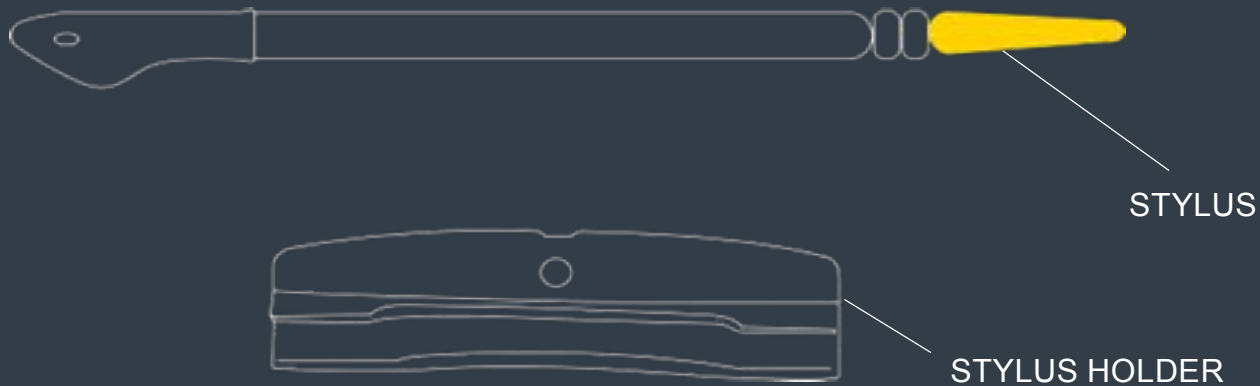
VOICE		VH10	VC70	VC80 Series
MICROPHONE KIT | ID: KT-MIC-01R This bundle includes the VC70 External PTT mic, the Motorola HMN1089B Water-resistant Palm Microphone or equivalent and the KT-ACCMNT-VC70-R Accessory Side mount bracket.			●	
MICROPHONE | ID: HMN1089B Push-To-Talk Hand Microphone, GCAI connector, Water Resistant			●	
SIDE MOUNT | ID: KT-ACCMNT-VC70-R Accessory Side mount bracket			●	
SPEAKER KIT | ID: KT-SPKR-01R This bundle includes the External speaker, the Motorola HSN4039A 13 Watt water-resistant loudspeaker and the 25-159552-01 VC70 external speaker adapter cable.			●	
SPEAKER | ID: HSN4040A External speaker, Motorola HSN4040A 13 Watt water-resistant loudspeaker. Requires 25-159552-01			●	
INTERFACE CABLE | ID: 25-159552-01 Speaker cable adapter, for HSN4040A, VC70. Required to connect the HSN4040A external speaker.			●	
SPEAKER/MIC | ID: M1000 Speaker/Mic with push-to-talk function		●		●

STEP 7: MISCELLANEOUS

DON'T FORGET TO CONSIDER THESE: ——— SLIDE 33

- STYLUS
- SCREEN PROTECTOR
- CAN BUS CABLE
- USB TO ETHERNET ADAPTER

STYLUS

STYLUS HOLDER

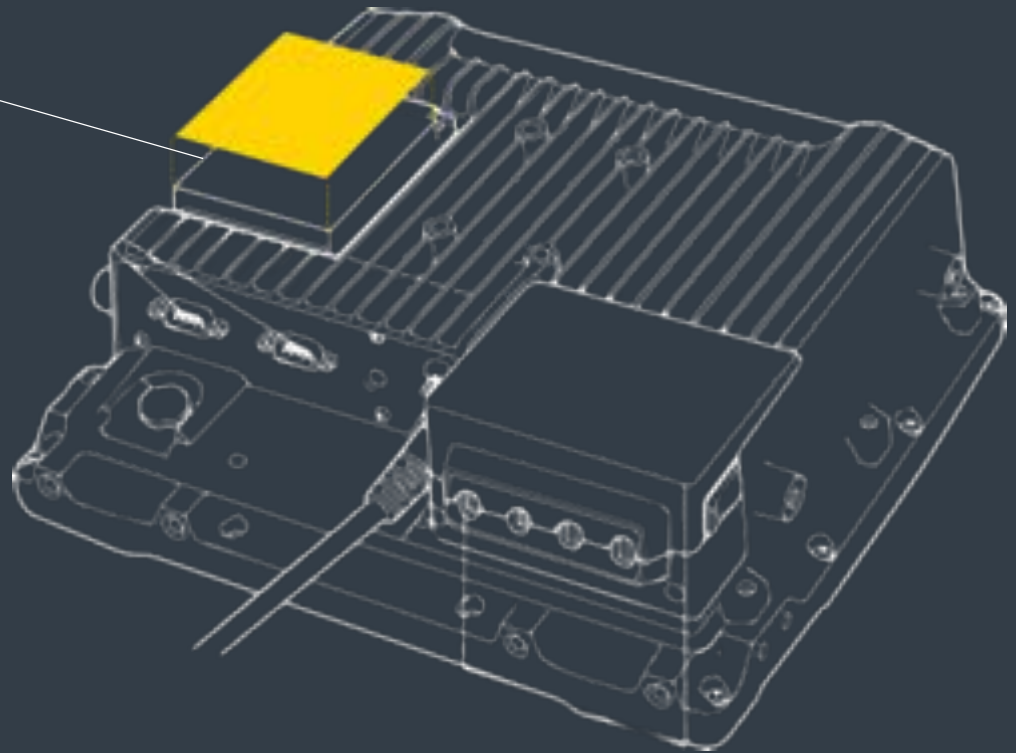| MISCELLANEOUS		VH10	VC70	VC80 Series
ID: SL0001 Stylus and Stylus Holder		●	●	●
ID: VA6200 Screen Protector Pack of 3		●		
ID: KT-SPRTCT-VC70-05R Screen Protector Pack of 5			●	●
ID: CA1300 Screen blanking cable (DB9 to open wires)		●		●
ID: CB-000433-01 CAN Bus Cable (RJ45 to Deutsch)				●
ID: WA4070 USB to Ethernet Adapter		●		
ID: 25-159547-01 Cable DB15M to DB9M, for COM2			●	
ID: SG-VC70-VISR1-01 VC70 Sun Visor mountable with cut out wing.			●	

STEP 8: SERVICE PARTS

STOCK UP ON THESE ESSENTIAL SPARE PARTS: —— SLIDE 35

- TOOL KIT
- KEYPADS
- TOUCH SCREENS
- SPARE BATTERY

SERVICE PARTS	VH10	VC70	VC80 Series
ID: AL1001 QWERTY Keypad	●		
ID: AL1002 AZERTY Keypad	●		
ID: AL2002 Front with standard touch screen and function keys	●		
ID: AL2002 Front with heated touch screen and function keys	●		
ID: ST2000 Modular Services Kit	●		●
ID: KT-VC80-BTRY1-01 Spare Battery			●
ID: KT-VC80-SCRH1-01 Front with Touch Screen (heated)			●
ID: KT-VC80-SCRN1-01 Front with Touch Screen (non-heated)			●
ID: BTRY-VC70IAB00 Spare Battery		●	
ID: KYBD-QW-VC-01 QWERTY Spare Elastomer for VC USB Keyboard		●	●
ID: KYBD-AZ-VC-01 AZERTY Spare Elastomer for VC USB Keyboard		●	●