



**Joint Battle Command Platform  
(JBC-P): Equipment Transfer Guidance**



**M997A3 Vehicle (Courtesy photo)**



**JBC-P MFoCS mounted in an M997A2 vehicle (Courtesy photo)**



**Using JBC-P to monitor troops  
Photo by Sgt. Robert Golden**

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## OVERVIEW

When changing from the M997A2 to the new M997A3 armored HMMVV ambulance, unit maintainers need to take specific steps to maintain a fully-functional Joint Battle Command Platform (JBC-P) digital computer set.

Several versions of the JBC-P were fielded and the equipment transfer process is different for each. In the information that follows, these versions are differentiated by LIN and type designator. The following tables tell you which parts and equipment need to be purchased, and which need to be retained from the M997A2 when transferring a JBC-P digital computer set into the M997A3.

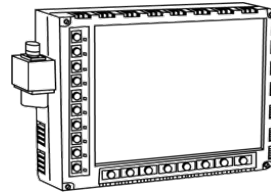
## CHAPTER 1

LIN: C05036

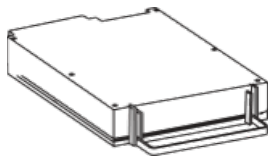
Type designator: AN/UYK-128A(V)3 or AN/UYK-128B(V)3 (JV5 system)



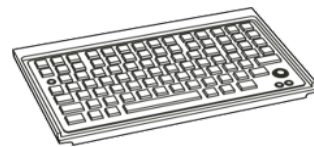
**Processor unit (PU)**  
NSN 7021-01-598-1551  
(JV5 BLK2)  
PN 9800-07080-0000  
**--Or--**  
NSN 7021-01-554-2707  
(JV5)  
PN 9800-07060-9030



**Display unit (DU)**  
NSN 7025-01-526-5612  
PN 9800-07090-9007  
**--Or--**  
NSN 7025-01-598-1454  
PN 9800-07090-9027



**Removable hard disk drive**  
NSN 7025-01-554-4055 DB 20 (JV5  
only)  
PN 9800-13900-0000



**Keyboard unit (KU)**  
NSN 7025-01-496-9879  
PN 9800-07010-9005



**Blue Force Tracking 2 (BFT2)  
Receiver-transmitter (RT)-1981AV**  
NSN 7035-01-654-4139  
PN: 1239327  
**--Or--**  
**Blue Force Tracking 2 (BFT2)  
RT-1981/V**  
NSN 7035-01-591-0115  
PN: 1096450



**KGV 72 Encryption-decryption  
equipment**  
NSN 5810-01-564-3364,  
Class 2



**Order:**

Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-488-7482	889506-1
Installation & equipment kit	01-678-1730	A3347919
Installation & equipment kit	01-591-7660	170440-4*

**\*Alternative (if 170440-4 is not available):**

Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-591-8755	170437-4

**Note:** When removing JBC-P equipment and mounting provisions, make sure you keep all lock washers and locking nuts for reuse when installing the equipment onto the M997A3 HMMWV. This maintains locking capabilities and prevents any loss or damage due to vibration. Installation instructions are on the Mission Command Support Center (MCSC) website:

**<https://mcsc.army.mil/fsc/references/jbcp/drawings/>**

Keep the following items from your M997A2 HMMWV:

<b>Nomenclature</b>	<b>NSN</b>	<b>PN</b>
Computer, digital	7021-01-598-1551 <b>--or--</b> 7021-01-554-2707	9800-07060-9030 <b>--or--</b> 9800-07080-0000
Display unit (DU)	7025-01-526-5612 <b>--or--</b> 7025-01-598-1454	9800-07090-9007 <b>--or--</b> 9800-07090-9027
Disk drive unit	7025-01-554-4055	9800-13900-0320
Keyboard, data entry	7025-01-496-9879	9800-07010-9005
Receiver-transmitter (RT) RT-1981A/V	7035-01-654-4139 <b>--or--</b> 7035-01-591-0115	1239327 <b>--or--</b> 1096450
KGV-72 encryption- decryption device	5810-01-564-3364	KGV-72
Defense Advanced GPS Receiver (DAGR), navigation set, satellite	5825-01-526-4783	AN/PSN-13A
Cable assembly, radio	5995-01-504-1762	987-4640-001
Magnetic mount, remote antenna	5985-01-502-6692	013-1981-010

Applicable technical manuals (TMs) and technical bulletins (TBs):

- TM 11-7010-498-10 (Apr 15)
- TM 11-7010-498-23&P (Apr 15)
- TM 11-7010-554-10 (Jun 15)
- TM 11-7010-554-23&P (Jun 15)
- TB 11-7010-415-23 (Aug 14)
- TB 11-7010-555-23 (Aug 14)
- TB 11-7010-438-23 (Aug 14)
- TB 11-7010-508-23 (May 14)
- TB 11-7010-435-23 (Aug 14)

## CHAPTER 2

LIN: C05036

**Type Designator:** AN/UYK-128D(V)3 (Mounted Family of Computer Systems [MFoCS])

**Note:** Check the part number on the mounting rack for the system. If it's 630201, no items need to be ordered. Just transfer all cables and brackets, unbolt the softskin HMMWV crow's feet from the bottom of the rack, and follow installation instructions for the A3339388 kit for an up-armored HMMWV (UAH) and M997A3 variant to reinstall this kit, as seen on the MCSC website:

<https://mcsc.army.mil/fsc/references/jbcp/drawings/>

Otherwise, proceed with one of the following ordering options:

### Preferred Option

Order:

Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-678-2478	A3339388
Installation & equipment kit	01-678-1730	A3347919

### Alternate Options

Order:

Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-488-7482	889506-1
Installation & equipment kit	01-678-1730	A3347919
Installation & equipment kit	01-591-7660	170440-4*






**\*Alternative (if 170440-4 is unavailable)**


Order:

Nomenclature	NSN	PN
Installation & equipment kit	7010-01-591-8755	170437-4



With any of these options, keep the following from your M997A2 HMMVV:

Nomenclature	NSN	PN
<p><b>Computer, digital</b></p> 	7021-01-622-8908	9800-96000-5001
<p><b>Display unit 12.1</b></p> 	7025-01-622-8848	9800-96100-0000
<p><b>Disk drive unit (removable hard disk)</b></p> 	7025-01-624-3792	9800-96612-0512
<p><b>Keyboard, data entry</b></p> 	7025-01-623-5349	9800-96810-0000
<p><b>RT</b></p>  <p><b>Blue Force Tracking 2 (BFT2)</b> RT-1981A/V <b>--or--</b> <b>Blue Force Tracking 2 (BFT2)</b></p>	7035-01-654-4139 <b>--or--</b> 7035-01-591-0115	1239327 <b>--or--</b> 1096450

RT-1981/V		
<b>KGV-72 encryption-decryption device</b> 	5810-01-564-3364	KGV-72

Additional items to retain if alternate option is used:

Nomenclature	NSN	PN
Cable assembly, radio	5995-01-504-1762	987-4640-001
Magnetic mount, remote antenna	5985-01-502-6692	013-1981-010
Hardware kit, electronic equipment	5340-01-642-2889	9850-96000-0002
Cable assembly, special	5995-01-626-9575	8900-96704-0000

Applicable TMs and TBs:

- TM 11-7010-498-10 (Apr 15)
- TM 11-7010-498-23&P (Apr 15)
- TM 11-7010-554-10 (Jun 15)
- TM 11-7010-554-23&P (Jun 15)
- TB 11-7010-415-23 (Aug 14)
- TB 11-7010-555-23 (Aug 14)
- TB 11-7010-438-23 (Aug 14)
- TB 11-7010-508-23 (May 14)
- TB 11-7010-435-23 (Aug 14)

### CHAPTER 3

LIN: C05055

**Type Designator:** AN/UYQ-90B(V)6 (MFoCS System)

**Note:** Check the PN on the mounting rack for the system. If it's 630201, no items need to be ordered. Just transfer all cables and brackets, unbolt the softskin HMMVV crow's feet from the bottom of the rack, and follow installation instructions for the A3339388 kit as found on the MCSC website for a UAH and M997A3 variant:

<https://mcsc.army.mil/fsc/references/jbcp/drawings/>

Otherwise, use one of the following ordering options:

Order:

#### Preferred Option

Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-678-2478	A3339388
Installation & equipment kit	01-678-1730	A3347919

#### Alternate Option

Order:


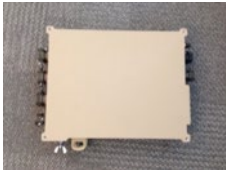



Nomenclature	NSN 7010-	PN
Installation & equipment kit	01-488-7482	889506-1
Installation & equipment kit	01-678-1730	A3347919
Installation & equipment kit	01-681-0870	A3339392-001
Installation & equipment kit	01-591-7660	170440-4*


**\*Alternative (if 170440-4 is unavailable)**

Order:

Nomenclature	NSN	PN
Installation & equipment kit	7010-01-591-8755	170437-4

With any of these options, retain the following from your M997A2 vehicle:

Nomenclature	NSN	PN
<b>Computer, digital</b> 	7021-01-622-9813	9800-96600-5000
<b>Docking station</b> 	7035-01-622-9809	9800-96300-5000
<b>Disk drive unit</b> 	7025-01-624-3792	9800-96612-0512
<b>Keyboard, data entry</b> 	7025-01-623-5349	9800-96810-0000
<b>RT</b>  <b>Blue Force Tracking 2 (BFT2)</b> RT-1981A/V	7035-01-654-4139 <b>--or--</b> 7035-01-591-0115	1239327 <b>--or--</b> 1096450

<b>--Or--</b> <b>Blue Force Tracking 2 (BFT2)</b> RT-1981/V		
<b>Antenna</b> 	5985-01-631- 5552	MD11-19
<b>Hardware kit, electronic</b>	5340-01-642- 2890	9850-96300- 0002
<b>Cable assembly, special</b>	5995-01-674- 1576	A3354745- 001
<b>Cable assembly, special</b>	5995-01-681- 0074	620800
<b>Cable assembly, radio</b>	5995-01-678- 2617	8900-52087- 0003

Applicable TMs and TBs:

- TM 11-7010-498-10 (Apr 15)
- TM 11-7010-498-23&P (Apr 15)
- TM 11-7010-554-10 (Jun 15)
- TM 11-7010-554-23&P (Jun 15)
- TB 11-7010-415-23 (Aug 14)
- TB 11-7010-555-23 (Aug 14)
- TB 11-7010-438-23 (Aug 14)
- TB 11-7010-508-23 (May 14)
- TB 11-7010-435-23 (Aug 14)

## **CONCLUSION**

If you have questions or need further assistance, submit a help ticket on the CAC-enabled MSSC website:

**<https://mcsc.army.mil>**