

CHANGE
NO. 1

HEADQUARTERS, DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 31 JULY 2011

TECHNICAL MANUAL
FIELD AND SUSTAINMENT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST FOR
INTERCEPTOR BODY ARMOR SYSTEM

DISTRIBUTION STATEMENT A: - Approved for public release; distribution is unlimited.

TM 10-8470-208-24&P, 10 April 2010, is updated as follows:

1. File this sheet in front of the manual for reference.
2. This change updates donning information, adds procedures for converting carrier components, and adds RPSTL information for the Interceptor Body Armor System.
3. New or updated change information is indicated by a vertical bar in the outer margin of the page.
4. Remove old pages and insert new pages as indicated below:

Remove Pages

i thru xi/xii blank
A/B blank

Insert Pages

i thru xi/xii blank
A/B blank

5. Replace the following work packages with their revised version:

Work Package
Number

WP 0002
WP 0005
WP 0008
WP 0009

Work Package
Number

WP 0011
WP 0012
WP 0019
WP 0027

Work Package
Number

WP 0028
WP 0037
WP 0039
WP 0041

Work Package
Number

WP 0042

6. Insert the following work package as indicated below:

Work Package
Number

WP 0009.1
WP 0039.1
WP 0039.2
WP 0039.3

Work Package
Number

WP 0039.4
WP 0039.5
WP 0039.6

By Order of the Secretary of the Army:

MARTIN E. DEMPSEY
General, United States Army
Chief of Staff

Official:



JOYCE E. MORROW

Administrative Assistant to the
Secretary of the Army

1106606

DISTRIBUTION:

To be distributed in accordance with initial distribution number (IDN) 314095 requirements for TM 10-8470-208-24&P.

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: Zero in the “Change No.” column indicates an original page or work package.

Date of issue for the original manual is:

Original : 21 April 2010

Change 1: 31 July 2011

TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 40 AND TOTAL NUMBER OF WORK PACKAGES IS 55, CONSISTING OF THE FOLLOWING:

| Page / WP No. | Change No. | Page / WP No. | Change No. |
|--------------------------|------------|---------------------------|------------|
| Cover (2 pgs) | 0 | WP 0035 (4 pgs) | 0 |
| Warning summary (2 pgs) | 0 | Chp 8 title page (2 pgs) | 0 |
| i-xi/xii blank | 1 | WP 0036 (2 pgs) | 0 |
| Chp 1 title page (2 pgs) | 0 | WP 0037 (6 pgs) | 1 |
| WP 0001 (4 pgs) | 0 | Chp 9 title page (2 pgs) | 0 |
| WP 0002 (22 pgs) | 1 | WP 0038 (6 pgs) | 0 |
| WP 0003 (2 pgs) | 0 | WP 0039 (8 pgs) | 1 |
| Chp 2 title page (2 pgs) | 0 | WP 0039.1 (4 pgs) Added | 1 |
| WP 0004 (4 pgs) | 0 | WP 0039.2 (6 pgs) Added | 1 |
| WP 0005 (4 pgs) | 0 | WP 0039.3 (6 pgs) Added | 1 |
| WP 0006 (4 pgs) | 0 | WP 0039.4 (6 pgs) Added | 1 |
| Chp 3 title page (2 pgs) | 0 | WP 0039.5 (4 pgs) Added | 1 |
| WP 0007 (2 pgs) | 0 | WP 0039.6 (4 pgs) Added | 1 |
| WP 0008 (22 pgs) | 1 | WP 0040 (4 pgs) | 0 |
| WP 0009 (18 pgs) | 1 | WP 0041 (6 pgs) | 1 |
| WP 0009.1 (2 pgs) Added | 1 | WP 0042 (4 pgs) | 1 |
| WP 0010 (14 pgs) | 0 | Chp 10 title page (2 pgs) | 0 |
| WP 0011 (20 pgs) | 1 | WP 0043 (2 pgs) | 0 |
| WP 0012 (20 pgs) | 1 | WP 0044 (4 pgs) | 0 |
| WP 0013 (12 pgs) | 0 | WP 0045 (6 pgs) | 0 |
| Chp 4 title page (2 pgs) | 0 | WP 0046 (2 pgs) | 0 |
| WP 0014 (2 pgs) | 0 | WP 0047 (2 pgs) | 0 |
| WP 0015 (2 pgs) | 0 | WP 0048 (2 pgs) | 0 |
| WP 0016 (2 pgs) | 0 | F1 (2 pgs) | 0 |
| WP 0017 (2 pgs) | 0 | F2 (2 pgs) | 0 |
| WP 0018 (2 pgs) | 0 | F3 (2 pgs) | 0 |
| Chp 5 title page (2 pgs) | 0 | F4 (2 pgs) | 0 |
| WP 0019 (14 pgs) | 1 | F5 (2 pgs) | 0 |
| WP 0020 (6 pgs) | 0 | F6 (2 pgs) | 0 |
| WP 0021 (10 pgs) | 0 | Inside back cover | 0 |
| WP 0022 (4 pgs) | 0 | Back cover | 0 |
| WP 0023 (2 pgs) | 0 | | |
| WP 0024 (16 pgs) | 0 | | |
| WP 0025 (2 pgs) | 0 | | |
| WP 0026 (4 pgs) | 0 | | |
| WP 0027 (4 pgs) | 1 | | |
| WP 0028 (4 pgs) | 1 | | |
| WP 0029 (4 pgs) | 0 | | |
| WP 0030 (2 pgs) | 0 | | |
| WP 0031 (6 pgs) | 0 | | |
| Chp 6 title page (2 pgs) | 0 | | |
| WP 0032 (2 pgs) | 0 | | |
| Chp 7 title page (2 pgs) | 0 | | |
| WP 0033 (4 pgs) | 0 | | |
| WP 0034 (4 pgs) | 0 | | |

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 21 April 2010

TECHNICAL MANUAL
FIELD AND SUSTAINMENT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
INTERCEPTOR BODY ARMOR SYSTEM

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any errors, or if you would like to recommend any improvements to the procedures in this publication, please let us know. The preferred method is to submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms) through the Internet on the TACOM Unique Logistics Support Applications (TULSA) Web site. The Internet address is <https://tulsa.tacom.army.mil>. Access to all applications requires CAC authentication, and you must complete the Access Request form the first time you use it. The DA Form 2028 is located under the TULSA Applications on the left-hand navigation bar. Fill out the form and click on SUBMIT. Using this form on the TULSA Web site will enable us to respond more quickly to your comments and to better manage the DA Form 2028 program. You may also mail, e-mail, or fax your comments or DA Form 2028 directly to the U.S. Army TACOM Life Cycle Management Command. The postal mail address is U.S. Army TACOM Life Cycle Management Command, ATTN: AMSTA-LCL-MPP/ TECH PUBS, MS 727, 6501 E. 11 Mile Road, Warren, MI 48397-5000. The e-mail address is tacomlcmc.daform2028@us.army.mil. The fax number is DSN 786-1856 or Commercial (586) 282-1856. A reply will be furnished to you.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

| | <u>WP Sequence No.</u> |
|---|------------------------|
| | <u>Page No.</u> |
| Warning Summary | |
| How to Use This Manual | xix |
| Chapter 1 – General Information, Equipment Description, and Theory of Operation for Interceptor Body Armor System | |
| General Information..... | WP 0001 |
| Table 1. Nomenclature Cross-Reference List | .0001-2 |
| Table 2. List of Acronyms and Abbreviations | .0001-2 |
| Equipment Description and Data | WP 0002 |
| Figure 1. Outer Tactical Vest..... | .0002-2 |
| Figure 2. Front Carrier (IOTV Gen II Shown) | .0002-3 |
| Figure 3. Back Carrier (IOTV Gen II Shown)..... | .0002-4 |
| Figure 4. Back Carrier Cable Routing | .0002-5 |
| Figure 5. Side Plate Carriers | .0002-6 |
| Figure 6. Internal Elastic Bands | .0002-7 |
| Figure 7. Cable Release Assembly (IOTV Gen II Shown) | .0002-7 |
| Figure 8. Yoke/Collar Assembly and Front Yoke Assembly..... | .0002-8 |
| Figure 9. OTV Yoke Assembly | .0002-9 |
| Figure 10. OTV Throat Protector Assembly | .0002-9 |
| Figure 11. Deltoid Axillary Protection System (DAPS)..... | .0002-10 |
| Figure 12. Groin Protector Assembly | .0002-11 |
| Figure 13. Lower Back Protector Assembly (IOTV Gen II Shown) ... | .0002-11 |
| Figure 14. ESBI Plates | .0002-12 |
| Figure 15. ESAPI Plates..... | .0002-12 |
| Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment..... | .0002-13 |
| Table 2. OTV System Maximum Weight Chart (in pounds) | .0002-20 |
| Table 3. IOTV System Maximum Weight Chart (in pounds) | .0002-20 |
| Table 4. IOTV Gen II System Maximum Weight Chart (in pounds) . | .0002-21 |
| Theory of Operation | WP 0003 |
| Chapter 2 – Field Maintenance Instructions for Interceptor Body Armor System | |
| Cleaning and Drying, Service..... | WP 0004 |
| Left and Right Side Plate Carrier (IOTV Only) Universal Side Plate Carrier (IOTV GEN II Only), Repair..... | WP 0005 |
| Figure 1. IOTV Side Plate Carrier Repair..... | .0005-2 |
| Figure 2. Repair of Side Plate Carrier Bottom Overlay (IOTV Only) .. | .0005-3 |
| Figure 3. Replacement of Hook or Loop on Side Plate Carrier..... | .0005-4 |

TABLE OF CONTENTS

| | <u>WP Sequence No.</u> |
|--|------------------------|
| | <u>Page No.</u> |
| Front Carrier (IOTV, IOTV Gen II), Repair | WP 0006 |
| Figure 1. Repair Damage to Webbing Strap on IOTV Front Flap | 0006-2 |
| Figure 2. Measuring New Strap for IOTV Front Flap. | 0006-3 |
| Chapter 3 – Sustainment Maintenance Instructions for Interceptor Body Armor System | |
| Service Upon Receipt | WP 0007 |
| Equipment/User Fitting Instructions | WP 0008 |
| Table 1. IBA Component Listing (OTV Configuration) | 0008-1 |
| Table 2. OTV Component Sizing Chart..... | 0008-5 |
| Table 3. OTV Size Prediction Chart | 0008-5 |
| Figure 1. Checking Fit of OTV | 0008-7 |
| Figure 2. Adjusting Left Shoulder Webbing Length (IOTV Only) | 0008-8 |
| Table 4. IOTV and IOTV Gen II Inventory | 0008-9 |
| Table 5. IOTV and IOTV Gen II Component Sizing Chart | 0008-13 |
| Table 6. IOTV and IOTV Gen II Size Prediction Chart..... | 0008-14 |
| Figure 3. Over the Head Donning | 0008-15 |
| Figure 4. Adjusting Left Shoulder Strap | 0008-16 |
| Figure 5. Securing Internal Elastic Bands | 0008-16 |
| Figure 6. Securing Side Plate Carriers..... | 0008-17 |
| Figure 7. Squaring Side Plate Carriers..... | 0008-18 |
| Figure 7. Checking Sizing of Vest | 0007-14 |
| Figure 8. Adjusting Side Plate Carrier and Internal Elastic Band Straps..... | 0008-19 |
| Figure 9. IOTV/IOTV Gen II Sizing Checks | 0008-21 |
| Figure 10. Checking Side Panels and Wing Channels | 0008-22 |
| Disassembly, Assembly | WP 0009 |
| Figure 1. Placing Carrier Exterior Fabric Down..... | 0009-2 |
| Figure 2. Inserting Soft Ballistics | 0009-3 |
| Figure 3. Inserting Soft Ballistics | 0009-3 |
| Figure 4. Inserting Soft Ballistics into Lower Back Protector..... | 0009-4 |
| Figure 5. Opening Hard Armor Protective Insert Pocket..... | 0009-4 |
| Figure 6. Inserting Hard Armor Protective Insert..... | 0009-5 |
| Figure 7. Re-sealing the Hard Armor Protective Insert Pocket | 0009-5 |
| Figure 8. Attaching Front Collar..... | 0009-6 |
| Figure 9. Attaching Yoke/Collar Assembly | 0009-7 |
| Figure 10. Routing Cable through Cable Stop | 0009-7 |

TABLE OF CONTENTS

| | <u>WP Sequence No.</u> |
|---|------------------------|
| | <u>Page No.</u> |
| Figure 11. Routing the Cable Release Assembly on Front Carrier | 0009-8 |
| Figure 12. Adjusting Left Shoulder Webbing Length..... | 0009-9 |
| Figure 13. Connecting Front and Back Carriers..... | 0009-9 |
| Figure 14. Routing Short Release Cable..... | 0009-10 |
| Figure 15. Routing Long Release Cable though the Lower Access Panel..... | 0009-10 |
| Figure 16. Installing the Internal Elastic Bands | 0009-11 |
| Figure 17. Installing the Side Plate Carriers..... | 0009-12 |
| Figure 18. Routing Cable Release through Side Plate Carriers..... | 0009-13 |
| Figure 19. Long Release Cable Routing (IOTV Gen II Shown). | 0009-14 |
| Figure 20. Attaching Groin Protector..... | 0009-15 |
| Assembly-Disassembly Conversion Kit..... | WP 0009.1 |
| Inspect..... | WP 0010 |
| Table 1. Item Condition and Disposal Codes and Criteria | 0010-1 |
| Table 2. OTV Components..... | 0010-2 |
| Table 3. IOTV and IOTV Gen II Components | 0010-6 |
| Figure 1. Examples of Damage to Hard Armor Protective Inserts. .. | 0010-14 |
| Cleaning and Drying..... | WP 0011 |
| Table 1. IOTV Components..... | 0011-2 |
| Figure 1. IOTV Front..... | 0011-8 |
| Figure 2. Opening Front Flap | 0011-8 |
| Figure 3. Front and Rear Carrier Open | 0011-9 |
| Figure 4. Disconnect Hook and Loop on Internal Waistbands | 0011-9 |
| Figure 5. Removing Lower Back Protector and Groin Protector Soft Ballistic Inserts | 0011-10 |
| Figure 6. Removing Ballistic Inserts from Front Carrier | 0011-10 |
| Figure 7. Removing Ballistic Inserts from Back Carrier..... | 0011-11 |
| Figure 8. Connect Hook and Loop on Internal Waistbands | 0011-11 |
| Figure 9. Front Carrier with Flap Open, Hook Side Plate Carriers.... | 0011-12 |
| Figure 10. ID Label Locations..... | 0011-12 |
| Figure 11. Pull and Remove Quick Release Assembly..... | 0011-13 |
| Table 2. Process Cycle Program..... | 0011-15 |
| Table 3. Approved Detergents..... | 0011-18 |
| Table 4. Drying Process Conditions | 0011-19 |
| Marking and Stenciling | WP 0012 |
| Figure 1. OTV Vest Sizing | 0012-2 |
| Table 1. OTV Vest Sizing | 0012-2 |

TABLE OF CONTENTS

| | <u>Page No.</u> | <u>WP Sequence No.</u> |
|--|-----------------|------------------------|
| Figure 2. IOTV/IOTV Gen II Front and Back Carrier Measurements..... | 0012-3 | |
| Table 2. IOTV/IOTV Gen II Sizing Chart..... | 0012-3 | |
| Figure 3. Cable Release Assembly | 0012-4 | |
| Table 3. Cable Release Assembly Sizing | 0012-4 | |
| Table 4. OTV Label Information | 0012-6 | |
| Table 5. IOTV Label Information | 0012-10 | |
| Table 6. IOTV Gen II Label Information | 0012-15 | |
| General Repair | | WP 0013 |
| Figure 1. Machine Darning | 0013-3 | |
| Figure 2. Hand Darning | 0013-4 | |
| Figure 3. Box Stitching Pattern with Locking Stitch..... | 0013-5 | |
| Figure 4. Straight Cut or Tear Stitching..... | 0013-6 | |
| Figure 5. L-Shaped Cut or Tear Stitching..... | 0013-6 | |
| Figure 6. Sewn Patch | 0013-7 | |
| Figure 7. Hand-held Method..... | 0013-10 | |
| Figure 8. Hand or Foot Operated Press Method..... | 0013-11 | |
| Chapter 4 – Sustainment Maintenance Instructions for Outer Tactical Vest (OTV) | | |
| OTV Vest Repair | | WP 0014 |
| OTV Yoke/Collar and Throat Protector Repair..... | | WP 0015 |
| Figure 1. Front Yoke/Collar Assembly..... | 0015-2 | |
| OTV Deltoid Axillary Protection System Repair | | WP 0016 |
| OTV Groin Protector Repair | | WP 0017 |
| OTV Soft Ballistic Inserts Repair..... | | WP 0018 |
| Chapter 5 – Sustainment Maintenance Instructions for (IOTV) and (IOTV GEN II) | | |
| Front Carrier (IOTV/IOTV Gen II) Exterior Fabric Repair..... | | WP 0019 |
| Figure 1. IOTV Gen II Front Carrier..... | 0019-2 | |
| Figure 2. Repair Damage to Front Left Shoulder Strap Long | 0019-3 | |
| Figure 3. Repair Damage to Front Left Shoulder Cover Top and Bottom..... | 0019-4 | |
| Figure 4. Damage to 2-Inch Loop Fastener on Left Outer Shoulder.. | 0019-5 | |
| Figure 5. Repair Damage to 1-inch Webbing or Rectangular Ring.... | 0019-6 | |
| Figure 6. Repair Damage to Front Right Shoulder Cover | 0019-7 | |
| Figure 7. Repair Damage to Front Right Shoulder Cable Cover Guide | 0019-8 | |
| Figure 8. Repair Damage to Front Right Shoulder Strap | 0019-9 | |
| Figure 9. Repair Damage to Front Release Handle Cover | 0019-10 | |
| Figure 10. Repair Damage to Loop under Front Release Handle Cover..... | 0019-11 | |

TABLE OF CONTENTS

| | <u>Page No.</u> | <u>WP Sequence No.</u> |
|---|-----------------|------------------------|
| Figure 11. Repair Damage to IOTV Front Flap Pocket | 0019-13 | |
| Front Carrier Interior Fabric Repair | | WP 0020 |
| Figure 1. Repair Damage to the Loop Fastener on Front Inner Shell Upper Left Shoulder (IOTV Shown) | 0020-2 | |
| Figure 2. Repair Damage to the Front Yoke and Groin Protector Attachment Points (IOTV Gen II Shown)..... | 0020-3 | |
| Figure 3. Repair Damage to the Hook on inside of Front Inner Shell (IOTV Shown Inverted) | 0020-4 | |
| Figure 4. Repair Damage to Hook on inside of Front Inner Shell Lower (IOTV Shown) | 0020-5 | |
| Figure 5. Repair Damage to Loop on Front Inner Shell Lower (IOTV Shown) | 0020-5 | |
| Back Carrier (IOTV/IOTV Gen II) Exterior Fabric Repair | | WP 0021 |
| Figure 1. Back Carrier Overview | 0021-2 | |
| Figure 2. Back Shoulder Cover Repair..... | 0021-3 | |
| Figure 3. Repair Damage to Back Drag Strap..... | 0021-4 | |
| Figure 4. Repair Damage to the Back Strap Retaining Strap | 0021-5 | |
| Figure 5. Repair Damage to Hook on IOTV Back Upper Flap | 0021-6 | |
| Figure 6. Back Center Flap (Lower Access Panel) Repair..... | 0021-7 | |
| Figure 7. Repair Damage to Back Center Flap | 0021-8 | |
| Figure 8. Repair Damage to the Internal Elastic Band Covers | 0021-9 | |
| Back Carrier (IOTV/IOTV Gen II) Interior Fabric Repair | | WP 0022 |
| Figure 1. Repair Damage to the Loop Fastener on Back Inner Shell Upper Left and Right Shoulders | 0022-2 | |
| Figure 2. Repair Damage to the Hook on inside of Front Inner Shell Upper Left and Right Shoulder | 0022-3 | |
| IOTV Soft Ballistic Inserts, IOTV Gen II Soft Ballistic Inserts Repair | | WP 0023 |
| Left and Right Side Plate Carrier (IOTV), Universal Side Plate Carrier (IOTV Gen II) Repair | | WP 0024 |
| Figure 1. Side Plate Carrier Repair | 0024-3 | |
| Figure 2. Repair of Side Plate Carrier Bottom Overlay (IOTV Only) .. | 0024-4 | |
| Figure 3. Replacement of Hook or Loop on Side Plate Carrier | 0024-5 | |
| Figure 4. Replacement of SPC Pocket Bottom Overlay..... | 0024-6 | |
| Figure 5. Sewing Plate Pocket Carrier Closed | 0024-6 | |
| Figure 6. Routing of SPC Plate Pocket Closure Strap | 0024-7 | |
| Figure 7. Replacement of SPC Plate Pocket Closure Strap | 0024-7 | |

TABLE OF CONTENTS

| | <u>WP Sequence No.</u> |
|--|------------------------|
| | <u>Page No.</u> |
| Figure 8. Replacement of SPC Plate Pocket Strap..... | 0024-8 |
| Figure 9. Replacement of SPC Plate Pocket | 0024-9 |
| Figure 10. Side Plate Carrier Pocket Cap Replacement..... | 0024-10 |
| Figure 11. Side Plate Carrier Pocket Cap Construction (Shown Inverted)..... | 0024-10 |
| Figure 12. Replacement of SPC Plate Pocket Cap..... | 0024-11 |
| Figure 13. Replacement of SPC Handle | 0024-12 |
| Figure 14. Replacement of Right and Left Webbing Strap..... | 0024-13 |
| Figure 15. Routing Webbing through Buckle, Webbing Keeper and Rectangular Ring..... | 0024-13 |
| Figure 16. MOLLE Webbing Repair | 0024-14 |
| Figure 17. Repair Damage to the Side Plate Carrier Stiffener | 0024-15 |
| Figure 18. IOTV SPC Stiffener Modified for Repair (Shown Actual Size) | 0024-16 |
| Figure 19. Repair Damage to the Side Plate Carrier Stiffener | 0024-16 |
| Universal Side Plate Pouch (IOTV Gen II) Repair | WP 0025 |
| Figure 1. Universal Side Plate Pocket..... | 0025-2 |
| Internal Elastic Band Repair..... | WP 0026 |
| Figure 1. Internal Elastic Band | 0026-1 |
| Figure 2. Replacing Rectangular Ring | 0026-2 |
| Figure 3. Rectangular Ring Routing (Cross-Sectional View) | 0026-3 |
| Front Yoke Assembly Repair..... | WP 0027 |
| Figure 1. Front Yoke Assembly | 0027-2 |
| Figure 2. Repair Damage to 2-inch Webbing Attachment Straps | 0027-3 |
| Yoke/Collar Assembly (IOTV/IOTV Gen II) Repair | WP 0028 |
| Figure 1. Front Yoke/Collar Assembly..... | 0028-2 |
| Lower Back Protector Outershell Repair..... | WP 0029 |
| Figure 1. Replace Lower Back Protector Attachment Straps..... | 0029-2 |
| Figure 2. Lower Back Protector (IOTV)..... | 0029-3 |
| Groin Protector Assembly Repair..... | WP 0030 |
| Figure 1. Replace Lower Back Protector Attachment Straps..... | 0030-2 |
| Deltoid Protector Assembly Repair | WP 0031 |
| Figure 1. Deltoid Protector Assembly..... | 0031-2 |
| Figure 2. Replacing Vertical Attachment Strap | 0031-3 |
| Figure 3. Vertical Attachment Strap Hook and Loop Fastener Tape Placement..... | 0031-3 |

TABLE OF CONTENTS

| | <u>WP Sequence No.</u> |
|--|------------------------|
| | <u>Page No.</u> |
| Chapter 6 – Sustainment Maintenance Instructions for ESAPI and ESBI | |
| Enhanced Small Arms Protective Insert (ESAPI) and Enhanced Side Ballistic Insert (ESBI) Inspect..... | WP 0032 |
| Chapter 7 – Illustrated Parts List for Interceptor Body Armor System | |
| Illustrated List of Manufactured Items (OTV) | WP 0033 |
| Table 1. Illustrated List of Manufactured Items Index (OTV) | 0033-2 |
| Illustrated list of Manufactured Items (IOTV)..... | WP 0034 |
| Table 1. Illustrated List of Manufactured Items Index (IOTV)..... | 0034-2 |
| Table 2. List of Templates (IOTV) | 0034-4 |
| Illustrated List of Manufactured Items (IOTV Gen II)..... | WP 0035 |
| Table 1. Illustrated List of Manufactured Items Index (IOTV Gen II).. | 0035-2 |
| Table 2. List of Templates (IOTV Gen II) | 0035-4 |
| Chapter 8 – Shipment/Movement and Storage for Interceptor Body Armor System | |
| Preparation for Storage or Shipment | WP 0036 |
| ESAPI, ESBI Preparation for Storage or Shipment | WP 0037 |
| Figure 1. Preparing Box..... | 0037-2 |
| Figure 2. Inserting Plates (ESAPI Plates Stored Sideways Shown) .. | 0037-3 |
| Figure 3. Closing the Box | 0037-4 |
| Figure 4. Alternate Packing Configurations..... | 0037-5 |
| Table 1. Number of Plates by Size and Orientation | 0037-5 |
| Chapter 9 – Parts Information for Interceptor Body Armor System | |
| Repair Parts and Special Tools List (RPSTL) Introduction | WP 0038 |
| Interceptor Body Armor System (OTV) Repair Parts and Special Tools List (RPSTL)..... | WP 0039 |
| Figure 1. Interceptor Body Armor System Outer Tactical Vest. | 0039-2 |
| Interceptor Body Armor System (IOTV Gen I) Repair Parts and Special Tools List (RPSTL)..... | WP 0039.1 |
| Figure 2. Interceptor Body Armor System IOTV Gen I..... | 0039.1-2 |
| Interceptor Body Armor System (IOTV Gen I) Repair Parts and Special Tools List (RPSTL)..... | WP 0039.2 |
| Figure 3. Interceptor Body Armor System IOTV Complete | 0039.2-2 |
| Interceptor Body Armor System (IOTV Gen I) Repair Parts and Special Tools List (RPSTL)..... | WP 0039.3 |
| Figure 4. Base Vest Assembly (IOTV Gen I)..... | 0039.3-2 |
| Interceptor Body Armor System (IOTV Gen II) Repair Parts and Special Tools List (RPSTL)..... | WP 0039.4 |
| Figure 5. Interceptor Body Armor IOTV Gen II..... | 0039.4-2 |
| Interceptor Body Armor System (IOTV Gen II) Repair Parts and Special Tools List (RPSTL)..... | WP 0039.5 |

TABLE OF CONTENTS

| | <u>Page No.</u> | <u>WP Sequence No.</u> |
|--|-----------------|------------------------|
| Figure 6. Interceptor Body Armor Improved Outer Tactical Vest Gen II Complete..... | 0039.5-2 | |
| Interceptor Body Armor System (IOTV Gen II) Repair Parts and Special Tools List (RPSTL)..... | | WP 0039.6 |
| Figure 7. Base Vest Assembly (IOTV Gen II)..... | 0039.6-2 | |
| Interceptor Body Armor System Bulk Materials List..... | | WP 0040 |
| Interceptor Body Armor System National Stock Number Index..... | | WP 0041 |
| Interceptor Body Armor System Part Number Index..... | | WP 0042 |
| Chapter 10 – Supporting Information for Interceptor Body Armor System | | |
| References | | WP 0043 |
| Interceptor Body Armor System Maintenance Allocation Chart (MAC) Introduction | | WP 0044 |
| Interceptor Body Armor System Maintenance Allocation Chart (MAC) | | WP 0045 |
| Table 1. MAC for Interceptor Body Armor System | 0045-1 | |
| Table 2. Tools and Test Equipment for Interceptor Body Armor System..... | 0045-5 | |
| Table 3. Remarks for Interceptor Body Armor System | 0045-5 | |
| Expendable and Durable Items List | | WP 0046 |
| Table 1. Expendable and Durable Items List | 0046-1 | |
| Tool Identification List | | WP 0047 |
| Table 1. Tool Identification List..... | 0047-1 | |
| Foldout Pages | | FP |
| FO 1. Pattern Piece SPC Size XS-S | FP-1 | |
| FO 2. Pattern Piece SPC Size M--L | FP-3 | |
| FO 3. Pattern Piece SPC Size XL--2XL | FP-5 | |
| FO 4. Pattern Piece SPC Size 3XL--4XL | FP-7 | |
| FO 5. Pattern Pieces for IOTV Side Plate Carrier Plate Pocket..... | FP-9 | |
| FO 6. Pattern Pieces for IOTV Side Plate Carrier Stiffener | FP-11 | |

HOW TO USE THIS MANUAL

HOW TO OBTAIN TECHNICAL MANUALS

When a new system is introduced to the Army inventory, it is the responsibility of the receiving units to notify and inform the Unit Publications Clerk that a Technical Manual is available for the new system. Throughout the life cycle of the new system, the Publications Proponent will also provide updates and changes to the Technical Manual.

To receive new Technical Manuals or change packages to fielded Technical Manuals, provide the Unit Publications Clerk the full Technical Manual number, title, date of publication, and number of copies required. The Unit Publications Clerk will then justify the request through the Unit Publications Officer. When the request is approved, DA Form 12-R is used to order the Technical Manual from the Army Publishing Directorate (APD). Obtain the form and request a publications account from the APD Web site at <http://www.apd.army.mil>. Once on the Website, click on the "Orders/Subscriptions/Reports" tab. From the dropdown menu, select "Establish an Account," then select "Tutorial" and follow the instructions in the tutorial presentation.

Complete information for obtaining Army publications can be found in DA PAM 25-33.

HOW TO USE THIS MANUAL

In this manual, primary chapters appear in upper case/capital letters; work packages are presented in numeric sequence, e.g., 0001, 0002; paragraphs within a work package are not numbered and are presented in a titled format. For a first level paragraph, titles are in all upper case/capital letters, e.g., FRONT MATTER. Subordinate paragraph titles will have the first letter of the first word of each principle word all upper case/capital letters, e.g., Manual Organization and Page Numbering System. The location of additional material that must be referenced is clearly marked. Illustrations supporting maintenance procedures/text are located underneath, or as close as possible to, their referenced paragraph.

FRONT MATTER. - Front matter consists of front cover, warning summary, title block, table of contents, and how to use this manual pages.

CHAPTER 1 – GENERAL INFORMATION, EQUIPMENT DESCRIPTION, AND THEORY OF OPERATION. Chapter 1 contains introductory information on the Interceptor Body Armor System and its associated equipment, as well as equipment description and data and theory of operation.

CHAPTER 2 – FIELD MAINTENANCE INSTRUCTIONS. Chapter 2 starts all the field maintenance information and individual service maintenance work packages.

CHAPTER 3 – SUSTAINMENT MAINTENANCE INSTRUCTIONS. Chapter 3 starts all the sustainment maintenance information and individual service maintenance work packages.

CHAPTER 4 – SUSTAINMENT MAINTENANCE INSTRUCTIONS FOR OUTER TACTICAL VEST (OTV). Chapter 4 starts all the sustainment maintenance information and individual service maintenance work packages for the Outer Tactical Vest.

CHAPTER 5 – SUSTAINMENT MAINTENANCE INSTRUCTIONS FOR IMPROVED OUTER TACTICAL VEST (IOTV) AND IMPROVED OUTER TACTICAL VEST GEN II (IOTV AND IOTV GEN II). Chapter 5 starts all the sustainment maintenance information and individual service maintenance work packages for the Improved Outer Tactical Vest and the Improved Outer Tactical Vest Gen II.

CHAPTER 6 – SUSTAINMENT MAINTENANCE INSTRUCTIONS FOR ESAPI AND ESBI. Chapter 6 starts all the sustainment maintenance information and individual service maintenance work packages for the ESAPI and ESBI.

CHAPTER 7 – ILLUSTRATED PARTS LIST. Chapter 7 contains Illustrated Lists of Manufactured Items for the OTV, IOTV, and IOTV Gen II.

CHAPTER 8 – SHIPMENT MOVEMENT AND STORAGE. Chapter 8 describes Preparation for Storage and Shipment for the OTV, IOTV, and IOTV Gen II.

CHAPTER 9 – PARTS INFORMATION. Chapter 9 contains Repair Parts and Special Tools List (RPSTL), national stock number index and part number index.

CHAPTER 10 – SUPPORTING INFORMATION. Chapter 10 contains references, maintenance allocation chart and expendable and durable items list.

REAR MATTER. Rear matter consists of an alphabetical index, DA Form 2028, authentication page, sewing patterns, and back cover.

Manual Organization and Page Numbering System. The manual is divided into eight major chapters that detail the topics mentioned above. Within each chapter are work packages covering a wide range of topics. Each work package is numbered sequentially starting at page 1. The work package has its own page numbering scheme and is independent of the page numbering used by other work packages. Each page of a work package has a page number of the form XXXX-YY where XXXX is the work package number (e.g. 0010 is work package 10) and YY represents the number of the page within that work package. A page number such as 0010-1/2 Blank means that page 1 contains information but page 2 of that work package has been intentionally left blank.

Finding Information. The table of contents permits the reader to find information in the manual quickly. The reader should start here first when looking for a specific topic. The table of contents lists the topics, figures, and tables contained within each chapter and the work package sequence number where it can be found.

Example: If the reader were looking for information about the purpose of the Interceptor Body Armor System, which is a general information topic, the table of contents indicates that general information can be found in Chapter 1. Scanning down the listings for chapter 1, information on the purpose of the Interceptor Body Armor System can be found in WP 0001, General Information. (i.e. Work Package 01).

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
EQUIPMENT DESCRIPTION AND DATA

EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES

The Interceptor Body Armor (IBA) System is a modular system that consists of a vest, hard armor protective inserts, and attachments (ancillary equipment) that increase area of coverage and level of protection.

The IBA system is issued to Soldiers in a variety of configurations. Some vests are issued with ancillary equipment while with other vests, ancillary equipment is issued separately. Therefore, the term ancillary equipment, as used in this manual, is used to describe the attachments to the base vest configuration. Refer to the Repair Parts and Special Tools Lists in WP 0038 through 0042 to determine which attachments are issued with each configuration.

Vest

The IBA vest comes in three basic configurations: the Outer Tactical Vest (OTV), the Improved Outer Tactical Vest (IOTV) and the Improved Outer Tactical Vest (IOTV) Gen II.

OTV. The OTV is a single-piece vest that is donned and doffed in a manner similar to an ACU blouse. It is opened and closed in the front and arms go through arm holes.

IOTV/IOTV Gen II. The IOTV and IOTV Gen II consist of a front piece and a back piece held together by a cable release assembly. The IOTV and IOTV Gen II design distributes the weight of the IBA system more evenly than previous versions of IBA.

Hard Armor Protective Inserts

There are two types of hard armor protective inserts: inserts that protect the side of the Soldier and inserts that protect the front and back of the Soldier. All hard armor protective inserts are made of a ceramic material covered in cloth. The hard armor protective inserts are curved to fit the body.

The Enhanced Side Ballistic Inserts (ESBI) protect the Soldier's side. The Small Arms Protective Inserts (SAPI), which are black, and Enhanced Small Arms Protective Inserts (ESAPI), which are green, protect the Soldier's front and back.

The SAPI plates are authorized for training use only. They do not provide the appropriate level of ballistic protection for deploying Soldiers and shall never be issued to deploying Soldiers. All further references to hard armor protective inserts will be for the ESAPI and ESBI.

Ancillary Equipment

Ancillary equipment for the Interceptor Body Armor System includes the yoke/collar assembly, front yoke assembly, throat protector assembly, deltoid axillary protection system (DAPS), ESBI carrier assembly, deltoid protector assembly, groin protector assembly and lower back protector assembly. When added to the vest, these items increase the area of ballistic protection. Some items of ancillary equipment may be issued as a part of the base vest assembly, depending on the configuration. Refer to the Repair Parts and Special Tools Lists in WP 0038 through 0042 to determine which attachments are issued with each configuration.

Interoperability

The OTV, IOTV and IOTV Gen II are compatible with Modular Lightweight Load-carrying Equipment (MOLLE) components. The IOTV and IOTV Gen II are also compatible with the Land Warrior System.

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS**Vest (OTV)**

The OTV (Figure 1) consists of a back panel, front right panel and front left panel. The front panels are connected to the back panel with three pieces of nylon webbing at each side and are also attached at the shoulders. After donning the vest, the front panels are secured using hook and loop fastener tape and snap fasteners.

The back panel has an ESAPI pocket at the top that can be accessed while the vest is worn. The front right panel has an ESAPI pocket that can also be accessed while the vest is worn. The front ESAPI pocket has an eject strap that allows the user to quickly eject the hard armor protective insert. The fit of the vest is adjusted using the nylon webbing at each side of the vest.

The vest has MOLLE webbing located on both the front and back panels.



Figure 1. Outer Tactical Vest.

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Vest (IOTV/IOTV Gen II)

The information in this section applies to both IOTV and IOTV Gen II systems. Features discussed are common to both configurations. Differences between models will be discussed in the next section. All graphics in this section show an IOTV Gen II but features indicated are common to both systems.

Front Carrier. The front carrier (Figure 2) has two shoulder straps with attached buckles. On the right shoulder is the aft guide channel used for routing of the cable release. The left shoulder has a hook and loop fastener attachment point and is referred to as the medical access point.

In the center of the neckline is the location for rank placement. Behind the rank placement is a pocket for storage of the quick release handle of the cable assembly. There is also a location for the name tape placement on the right side of the chest area.

MOLLE webbing is sewn on the vest for attaching items such as MOLLE pouches.

There is a pull tab attached to the front flap for raising the flap. Lifting the flap exposes the hook and loop fastener tapes used to attach the side plate carriers. On the inside of the front carrier, there is webbing for attaching the ballistic groin protector. The data plate containing essential information is also located on the inside of the front carrier.

Front Ballistic Insert. The front ballistic insert is located inside the front carrier and provides ballistic protection. The front ballistic insert has loop fastener tape and a data label.



Figure 2. Front Carrier (IOTV Gen II Shown).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Back Carrier. On the upper portion of the back carrier (Figure 3) are the shoulder strap guides used for routing the shoulder straps of the front carrier. There is a casualty drag strap located on the upper center portion of the carrier. There is webbing with hook and loop material for securing the strap. Keep the strap secured when not in use to prevent snagging.

There are two flaps (Figure 4); a smaller upper access panel and a larger, lower access panel. The upper access panel has slits for routing the shoulder straps. In the upper compartment, there is a series of webbing used for attaching the front carrier to the back carrier.

There is a right shoulder webbing loop, a center cable guide, and the left shoulder webbing loop. The two olive drab straps with an attached buckle are for use with the Land Warrior System. There is a cable retention loop located on the left side for storing the excess cable.

Under the lower flap, there is additional webbing to attach the internal elastic band and the side plate carriers. There is a cable retaining pocket on the very bottom of the pocket for stowing excess cable.

Back Ballistic Insert. The back ballistic insert is located inside the back carrier and provides ballistic protection. The back ballistic insert has loop fastener tape and a data label.



Figure 3. Back Carrier (IOTV Gen II Shown).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED



Figure 4. Back Carrier Cable Routing (Upper and Lower Access Panels Removed for Clarity).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Side Plate Carriers. Both the IOTV and IOTV Gen II have two side plate carriers (Figure 5) but of different design. The side plate carriers attach the front and back carriers, help distribute the load of the vest and carry the ESBI plates.

The side plate carriers are attached to the back vest using the quick release system and with the front carrier using hook and loop fastener tape.



Universal Side Plate Carrier (Interior)



Universal Side Plate Carrier (Exterior)



Universal Side Plate Pouch (Exterior)



Universal Side Plate Pouch (Interior)



Right Side Plate Carrier (Interior)



Left Side Plate Carrier (Interior)



Right Side Plate Carrier (Exterior)



Left Side Plate Carrier (Exterior)

| Index | Nomenclature |
|-------|--------------------------------|
| 1 | BACK CARRIER ATTACHMENT POINT |
| 2 | SIDE PLATE POCKET |
| 3 | FRONT CARRIER ATTACHMENT POINT |

Figure 5. Side Plate Carriers.

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Internal Elastic Bands. The IOTV and IOTV Gen II vests both come with a left and right internal elastic band (Figure 6). The elastic bands help distribute the weight of the equipment and keep the vest secured when the front carrier is lifted up for medical access. The internal elastic bands only attach to the back carrier and attach to each other on the front using hook and loop fastener tape.

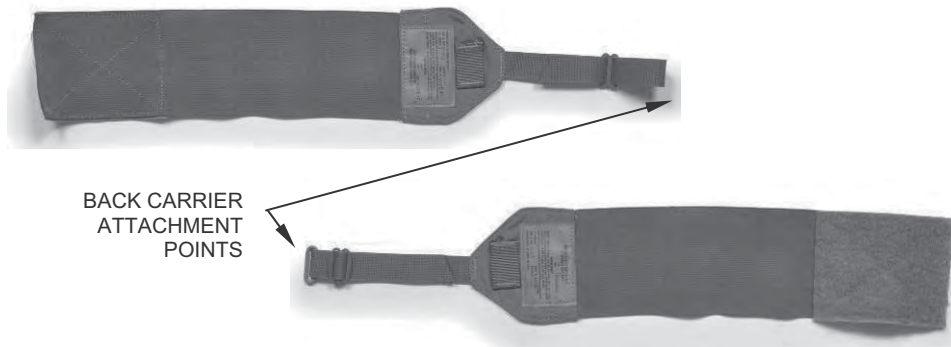


Figure 6. Internal Elastic Bands.

Cable Release Assembly. The cable release assembly (Figure 7) comes in four different sizes, depending on the vest size. The assembly features the quick release handle that the user pulls to activate the quick release function. The data plate is located on the handle. The assembly includes the two cables; one slightly longer than the other.

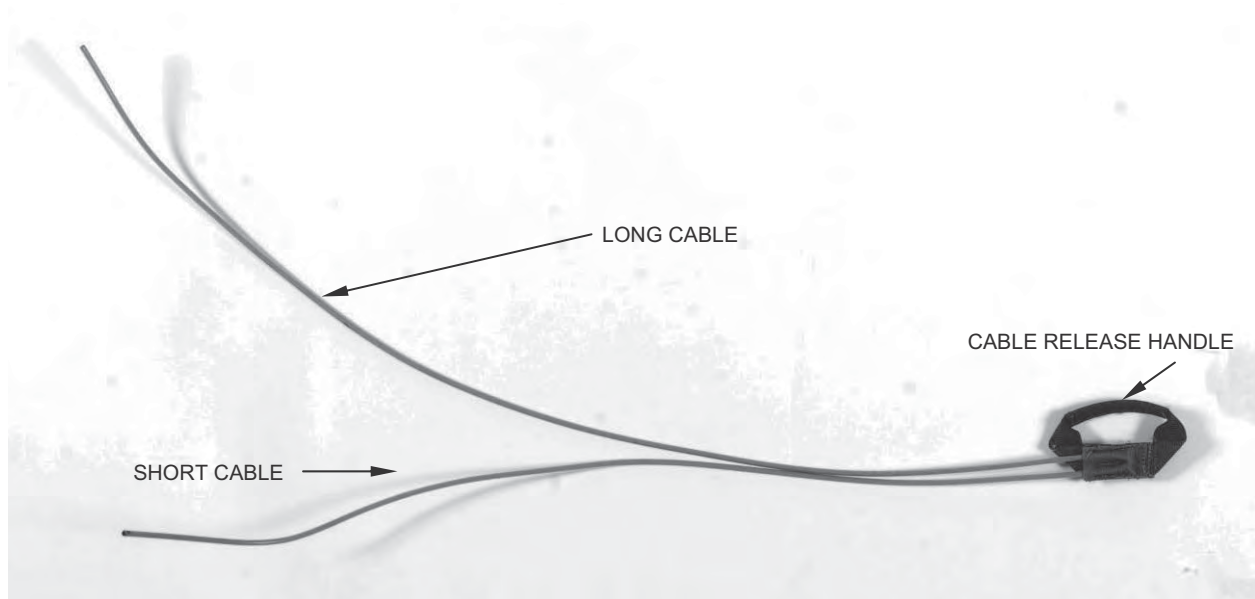


Figure 7. Cable Release Assembly (IOTV Gen II Shown).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED**Ancillary Equipment**

The IBA base vest ballistic protection can be extended with the ancillary equipment.

Ancillary equipment for the OTV consists of the yoke/collar assembly, throat protector assembly, deltoid axillary protection system (DAPS), ESBI carrier assembly, and groin protector assembly.

Ancillary equipment for the IOTV and IOTV Gen II consist of the yoke/collar assembly, front yoke assembly, deltoid protector assembly, groin protector assembly and lower back protector assembly.

Each item of ancillary equipment consists of a soft ballistic insert and a carrier outershell component.

Yoke/Collar Assembly (IOTV/IOTV Gen II). The yoke/collar assembly provides additional ballistic protection to the back of the neck and shoulders (Figure 8).

Front Yoke Assembly (IOTV/IOTV Gen II). The front yoke assembly provides additional ballistic protection to the throat and shoulders (Figure 8).

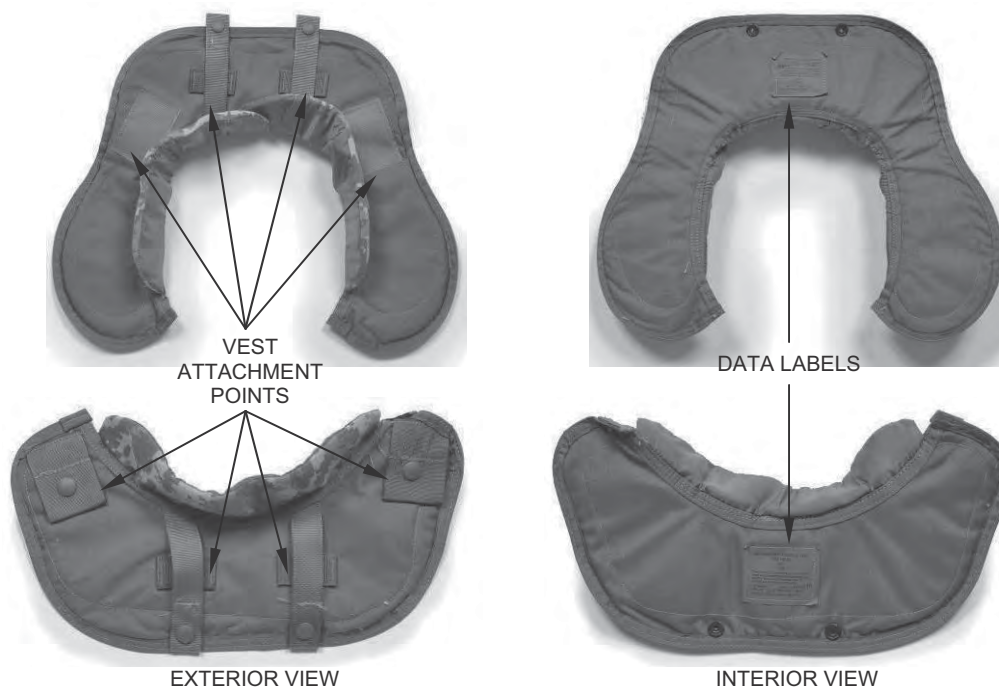


Figure 8. Yoke/Collar Assembly and Front Yoke Assembly (IOTV Shown).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Yoke/Collar Assembly and Throat Protector Assembly (OTV Only). The yoke/collar assembly (Figure 9) comes with two ballistic inserts and provides additional ballistic protection to the back of the neck and shoulders. The throat protector assembly (Figure 10) comes with one ballistic insert and provides additional ballistic protection to the throat.

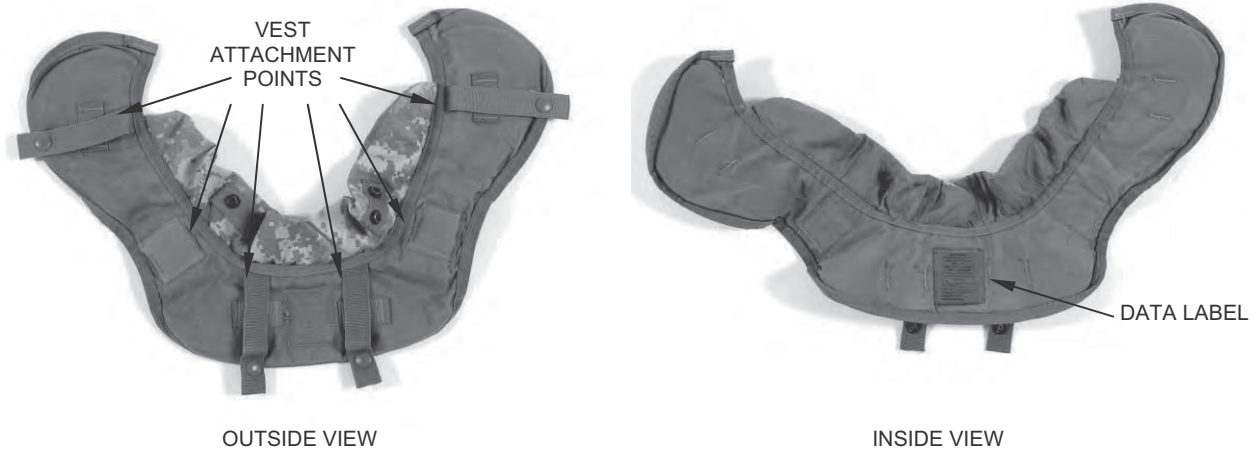


Figure 9. OTV Yoke Assembly.

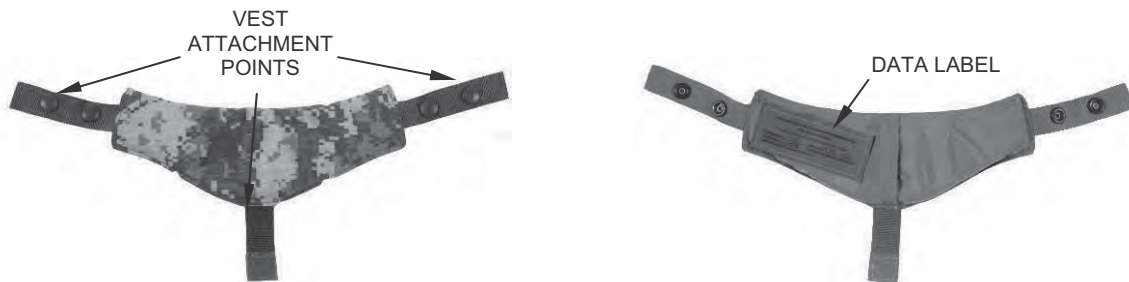


Figure 10. OTV Throat Protector Assembly.

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Deltoid Protector Assembly and Deltoid & Axillary Protection System (DAPS). The DAPS (Figure 11), as part of the OTV, provides additional ballistic protection to the shoulders, upper arms and sides. The deltoid protector assembly (Figure 11), as part of the IOTV/IOTV Gen II, provides additional ballistic protection to the shoulders and upper arms. The DAPS consists of a deltoid protector assembly and an axillary protector assembly. The deltoid protector assembly for the DAPS is interchangeable with the deltoid protector assembly for the IOTV and IOTV Gen II.

They attach to the shoulder sections of the vest and use a strap with hook and loop fastener tape to keep the protectors wrapped around the arm.

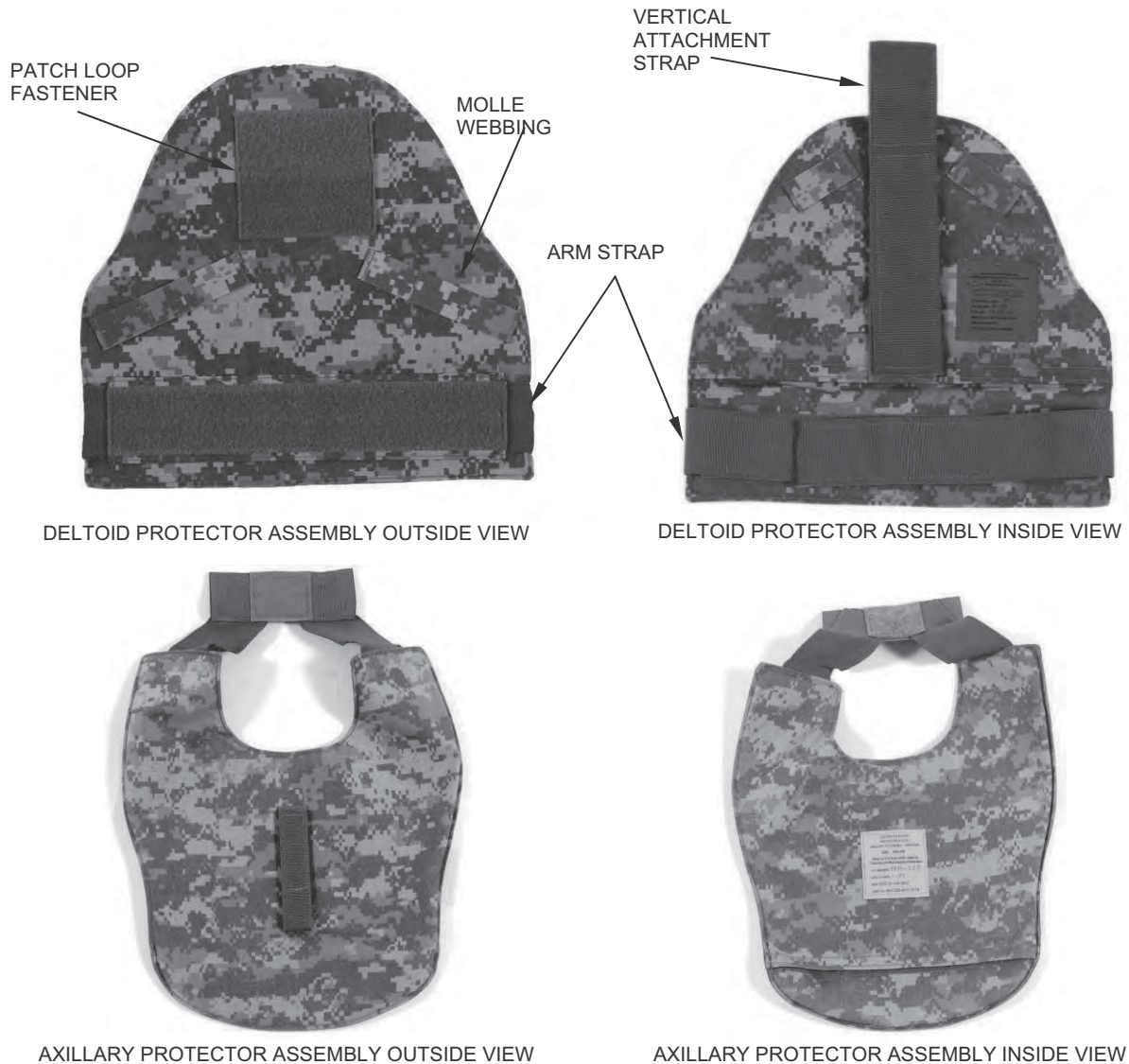


Figure 11. Deltoid Axillary Protection System (DAPS).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Groin Protector Assembly. The groin protector assembly (Figure 12) provides additional protection for the femoral arteries and pelvis. The groin protector assembly attaches to the inside of the front carrier using two nylon straps and snap fasteners.

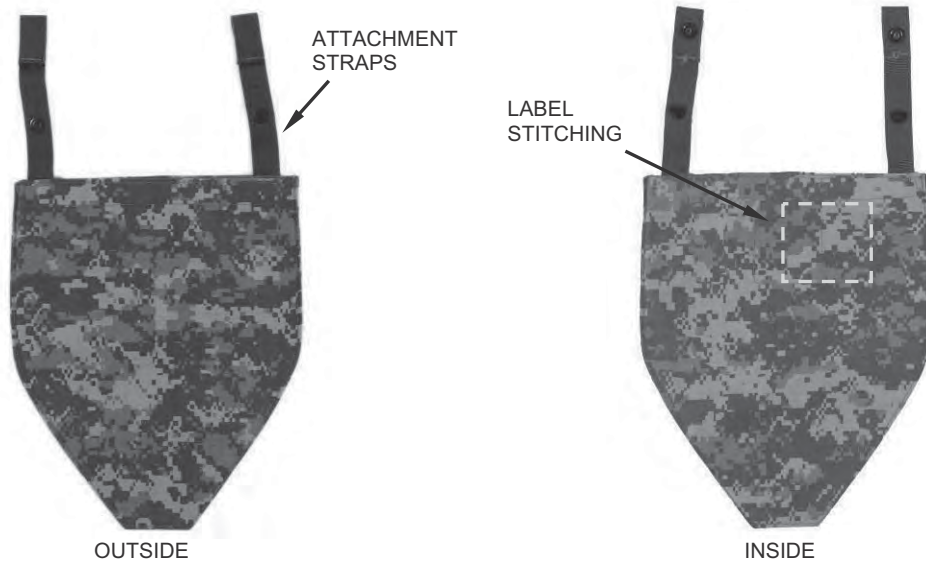


Figure 12. Groin Protector Assembly.

Lower Back Protector Assembly. The lower back protector assembly (Figure 13) provides additional protection for the lower spine and pelvis. The lower back protector assembly attaches to the inside of the back carrier using two nylon straps and snap fasteners.

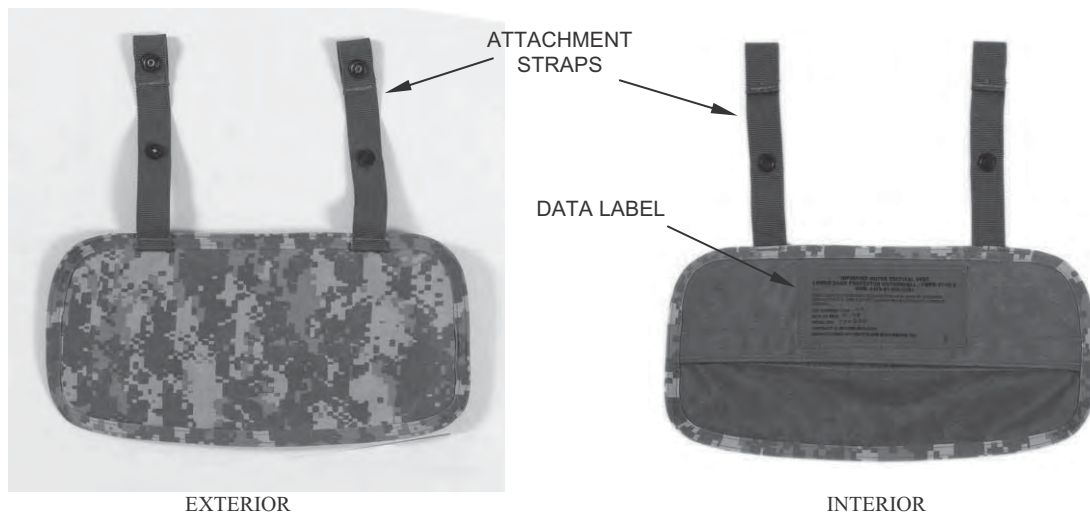


Figure 13. Lower Back Protector Assembly (IOTV Gen II Shown).

LOCATION AND DESCRIPTION OF MAJOR COMPONENTS – CONTINUED

Hard Armor

There are two types of hard armor plates: ESBI and ESAPI/XSAPI.

ESBI. The two ESBI (Figure 14) provide side protection against 7.62 mm bullets. The concave side is worn toward the body.



Figure 14. ESBI Plates.

ESAPI/XSAPI. The two ESAPI or XSAPI plates (Figure 15) provide protection for the chest and back against 7.62 mm bullets. The concave side is worn toward the body.









Figure 15. ESAPI Plates.

DIFFERENCES BETWEEN MODELS





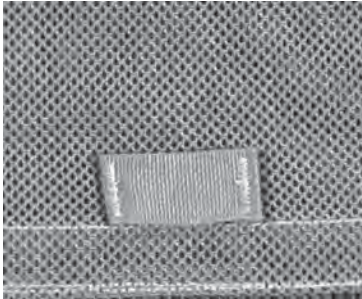
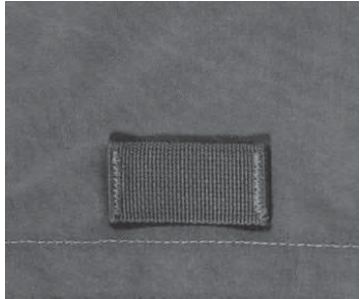
Refer to Table 1 for differences between the OTV, IOTV and IOTV Gen II vests and ancillary equipment.

Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment.

| | OTV | IOTV | IOTV Gen II |
|---------------|---|---|--|
| Vest Overview |  |  |  |
| |  |  |  |
| | <ul style="list-style-type: none"> • Single piece vest that is donned and doffed in a manner similar to an ACU blouse. • Closes in front using hook and loop fastener tape, and snap fasteners. • Hard armor protective inserts may be installed while vest is worn. | <ul style="list-style-type: none"> • Front and back vest pieces separate using a cable release assembly. • Internal elastic bands and side plate carriers help distribute weight more evenly. • Increased ballistic protection on the sides. | <ul style="list-style-type: none"> • Front and back vest pieces separate using a cable release assembly. • Equipment rings on front vest for easy attachment of Tactical Assault Panel (TAP) or other equipment. • Improved and easier routing for cable release assembly on front carrier. |





DIFFERENCE BETWEEN MODELS – CONTINUED

Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment – Continued.

| | OTV | IOTV | IOTV Gen II |
|----------------------|--|--|---|
| Front Carrier |  <ul style="list-style-type: none"> • Front carrier is constructed of two pieces. • No quick release assembly for vest. |  <ul style="list-style-type: none"> • Has one pocket on each side of the front carrier. • Loop tape on rank patch is wider. • No equipment attachment rings. • Has a 1 ¼-inch long webbing and steel 2:1 reducer buckle on the shoulder attachment points where the front carrier attaches to the back carrier. • Cable channel does not run continuously. • Cable release handle requires a cable stop to prevent cable assembly from being pulled through cable channel. |  <ul style="list-style-type: none"> • The pockets have been removed on the IOTV Gen II to reduce system weight. • The size of the loop tape for the rank patch is narrower to better accommodate the rank patch. • Has equipment attachment rings for the Tactical Assault Panel (TAP). • Has a one-piece steel 2:1 reducer buckle on the shoulder attachment points where the front carrier attaches to the back carrier. • Cable channel runs continuously from quick release handle pocket to the right shoulder attachment point. • Cable release handle pocket designed so cable release handle cannot be pulled through cable channel. |
| Vest Interior Fabric |  <ul style="list-style-type: none"> • Interior fabric of cloth components is woven nylon, similar to exterior fabric. |  <ul style="list-style-type: none"> • Interior fabric of cloth components is a knit mesh. |  <ul style="list-style-type: none"> • Interior fabric of cloth components is woven nylon, similar to exterior fabric. |





DIFFERENCE BETWEEN MODELS – CONTINUED

Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment – Continued.

| | OTV | IOTV | IOTV Gen II |
|------------------------|--|---|---|
| Cable Release Assembly | <ul style="list-style-type: none"> No cable release assembly. |  <ul style="list-style-type: none"> Cable stop needed to prevent cable release handle from being pulled through cable channel. Cable is crimped where cable attaches to cable release handle. Cable attaches to cable release handle at the center of the handle. |  <ul style="list-style-type: none"> Cable stop not needed. Cable release is bar tacked to the cable release handle. Cable attaches to the cable release handle from the side. |
| Side Plate Carriers | <ul style="list-style-type: none"> No side plate carrier. |  <ul style="list-style-type: none"> Side plate carriers are side-specific. There is a right-side carrier and a left-side carrier. Pocket for hard armor protective inserts is permanently attached to the side plate carriers. Side plate carriers have stiffeners in the area underneath the data label. Pocket has a top and bottom opening for accommodating an Extra Small ESAPI/XSAPI. |  <ul style="list-style-type: none"> Side plate carriers are universal and have a removable side plate pouch. Side plate carriers have a stiffener throughout, which increases comfort and prevents sagging. Side plate pouch has only one opening with elastic to accommodate the Extra Small ESAPI/XSAPI. |





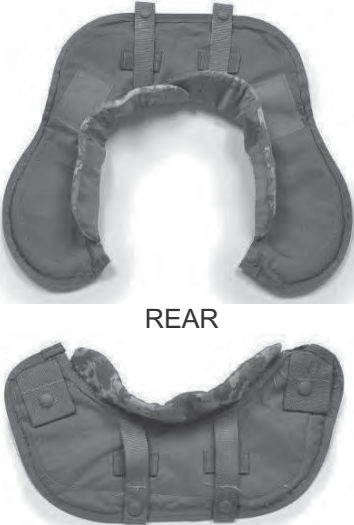

DIFFERENCE BETWEEN MODELS – CONTINUED

Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment – Continued.

| | OTV | IOTV | IOTV Gen II |
|-----------------------------|---|--|--|
| Quick Release Anchor Points | <ul style="list-style-type: none"> No quick release assembly. |  <ul style="list-style-type: none"> Quick release anchor points on the back carrier are longer. One of the internal elastic bands is semi-permanently attached to the middle anchor point. |  <ul style="list-style-type: none"> Quick release anchor points on the back carrier are shorter. Both internal elastic bands are fully detachable from the middle anchor point. |
| Lower Back Protector | <ul style="list-style-type: none"> The OTV does not have a lower back protector. |  <ul style="list-style-type: none"> Lower back protector has a utility channel underneath the MOLLE webbing. Interior fabric is nylon mesh. |  <ul style="list-style-type: none"> No MOLLE webbing on outershell. No utility channel. Interior fabric of cloth components is woven nylon, similar to exterior fabric. |

DIFFERENCE BETWEEN MODELS – CONTINUED

Table 1. Differences Between Models for OTV, IOTV, IOTV Gen II and Ancillary Equipment – Continued.

| | OTV | IOTV | IOTV Gen II |
|---------------------------------|---|---|--|
| Deltoid and Axillary Protection |  <ul style="list-style-type: none"> • Deltoid protector assembly is interchangeable for OTV, IOTV and IOTV Gen II. • OTV has axillary protectors to add extra soft ballistic protection to the sides. |  <ul style="list-style-type: none"> • Deltoid protector assembly is interchangeable for OTV, IOTV and IOTV Gen II. • No axillary protector. Vest has integrated axillary protection. |  <ul style="list-style-type: none"> • Deltoid protector assembly is interchangeable for OTV, IOTV and IOTV Gen II. • No axillary protector. Vest has integrated axillary protection. |
| Yoke/Collar Assemblies |  <ul style="list-style-type: none"> • Yoke/collar assembly has two removable soft ballistic inserts. • Yoke/collar assembly is similar in look to IOTV and IOTV Gen II rear collar but has additional webbing attachments for the front of the vest. • Throat protector assembly is smaller and has only two snap fastener attachment points with one hook and loop fastener attachment point. • Throat protector assembly has a removable soft ballistic insert. |  <p style="text-align: center;">REAR</p> <p style="text-align: center;">FRONT</p> <ul style="list-style-type: none"> • Rear yoke attaches only to back vest. • Rear collar has two removable ballistic inserts. • Rear collar extends over the shoulders. • Front yoke assembly has four snap fastener/webbing attachment points for the front vest. |  <p style="text-align: center;">REAR</p> <p style="text-align: center;">FRONT</p> <ul style="list-style-type: none"> • Rear yoke attaches only to back vest. • Rear collar does not have removable ballistic inserts. • Front collar extends over the shoulder. • Front yoke assembly has four snap fastener/webbing attachment points for the front vest. |

DIFFERENCE BETWEEN MODELS – CONTINUED

Hard Armor Protective Inserts

The front and back hard armor ballistic inserts come in three variants. The small arms protective insert (SAPI), enhanced small arms protective insert (ESAPI) and X small arms protective insert (XSAPI). The SAPI plates are black in color and do not offer the same level of ballistic protection as the ESAPI. The ESAPI plates are green in color and offer a greater level of ballistic protection. The XSAPI plates are tan in color and offer a greater level of ballistic protection. SAPI plates shall only be used for training purposes. SAPI plates shall never be issued to deploying Soldiers.

EQUIPMENT DATA

OTV

| | |
|------------------|-------------|
| Component | Data |
| Vest | |

| | |
|------------------|--------------------------------|
| Sizes..... | XS, S, M, L, XL, 2XL, 3XL, 4XL |
| Protection | 9 mm, Fragmentation |

Yoke/Collar Assembly

| | |
|------------------|--------------------------------|
| Sizes..... | XS, S, M, L, XL, 2XL, 3XL, 4XL |
| Protection | 9 mm, Fragmentation |

Throat Protector Assembly

| | |
|------------------|---------------------|
| Sizes..... | One Size |
| Protection | 9 mm, Fragmentation |

Groin Protector Assembly

| | |
|------------------|---------------------|
| Sizes..... | S-ML, L-4XL |
| Protection | 9 mm, Fragmentation |

Deltoid & Axillary Protector Assembly

| | |
|------------------|---------------------|
| Sizes..... | One Size |
| Protection | 9 mm, Fragmentation |

ESBI Side Plate Carrier

| | |
|------------------|---------------------|
| Sizes..... | One Size |
| Protection | 9 mm, Fragmentation |

IOTV

| | |
|------------------|-------------|
| Component | Data |
| Vest | |

| | |
|------------------|---|
| Sizes..... | XS, S, M, ML, L, LL, XL, XLL, 2XL, 3XL, 4XL |
| Protection | 9 mm, Fragmentation |

Right and Left Side Plate Carriers

| | |
|------------|----------------------------|
| Sizes..... | XS-S, M-L, XL-2XL, 3XL-4XL |
|------------|----------------------------|

Right and Left Internal Elastic Bands

| | |
|------------|----------------------------|
| Sizes..... | XS-S, M-L, XL-2XL, 3XL-4XL |
|------------|----------------------------|

Cable Release Assembly

| | |
|------------|----------------------------|
| Sizes..... | XS-S, M-L, XL-2XL, 3XL-4XL |
|------------|----------------------------|

Yoke/Collar Assembly

| | |
|---------------------------------|--------------------------------|
| Front Yoke Assembly Sizes | One Size |
| Sizes..... | XS, S, M, L, XL, 2XL, 3XL, 4XL |
| Protection | 9 mm, Fragmentation |

EQUIPMENT DATA – CONTINUED

Groin Protector Assembly

Sizes.....S-ML, L-4XL
Protection9 mm, Fragmentation

Lower Back Protector Assembly

Sizes..... One Size
Protection9 mm, Fragmentation

Deltoid Protector Assembly

Sizes..... XS-S, M-L, XL-4XL
Protection9 mm, Fragmentation

IOTV Gen II

Component

Data

Vest
Sizes..... XS, S, M, ML, L, LL, XL, XLL, 2XL, 3XL, 4XL
Protection9 mm, Fragmentation

Universal Side Plate Carriers

Sizes..... XS-S, M-L, XL-2XL, 3XL-4XL

Universal Side Plate Pouch

Sizes..... One Size

Right and Left Internal Elastic Bands

Sizes..... XS-S, M-L, XL-2XL, 3XL-4XL

Cable Release Assembly

Sizes..... XS-S, M-L, XL-2XL, 3XL-4XL

Yoke/Collar Assembly

Front Yoke Assembly Sizes One Size
Sizes..... XS, S, M, L, XL, 2XL, 3XL, 4XL
Protection9 mm, Fragmentation

Groin Protector Assembly

Sizes.....S-ML, L-4XL
Protection9 mm, Fragmentation

Lower Back Protector Assembly

Sizes..... One size
Protection9 mm, Fragmentation

Deltoid Protector Assembly

Sizes..... XS-S, M-L, XL-4XL
Protection9 mm, Fragmentation

HARD ARMOR PROTECTIVE INSERTS

ESBI

Sizes..... One Size
Protection Armor Piercing 7.62 mm

ESAPI

Sizes..... XS, S, M, L, XL
Protection Armor Piercing 7.62 mm

EQUIPMENT DATA – CONTINUED

System Weight

Table 2. OTV System Maximum Weight Chart (in pounds).

| Finished Component | XS | S | M | L | XL | 2XL | 3XL | 4XL |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Base Vest Assembly: | 6.64 | 6.95 | 7.66 | 8.38 | 9.51 | 9.84 | 10.81 | 11.79 |
| Throat Protector Assembly: | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| Yoke and Collar Assembly | 0.90 | 0.95 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| Groin Protector Assembly: | 0.70 | 0.70 | 0.70 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| DAPS | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 |
| ESAPI Plates (x2) | 7.60 | 9.50 | 10.90 | 12.50 | 14.20 | 14.20 | 14.20 | 14.20 |
| ESBI Plate Carrier (x2) | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 |
| ESBI Plates | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 |
| Total System Weight | 21.59 | 23.85 | 26.01 | 28.58 | 31.51 | 31.94 | 33.01 | 34.09 |

Table 3. IOTV System Maximum Weight Chart (in pounds).

| Finished Component | XS | S | M | ML | L | LL | XL | XLL | 2XL | 3XL | 4XL |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Base Vest Assembly: | 9.01 | 9.33 | 9.86 | 10.60 | 10.97 | 11.24 | 11.98 | 12.51 | 13.52 | 15.80 | 16.17 |
| Front Yoke/Collar Assembly: | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 |
| Back Yoke/Collar Assembly: | 0.80 | 0.83 | 0.88 | 0.88 | 0.91 | 0.91 | 0.96 | 0.96 | 1.02 | 1.17 | 1.17 |
| Groin Protector Assembly: | 0.72 | 0.72 | 0.72 | 0.72 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 |
| Lower Back Protector Assembly: | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 |
| Deltoid Protector Assembly: | 1.00 | 1.00 | 1.20 | 1.20 | 1.20 | 1.20 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 |
| ESBI Plates (x2) | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 |
| ESAPI Plates (x2) | 7.60 | 9.50 | 10.90 | 10.90 | 12.50 | 12.50 | 14.20 | 14.20 | 14.20 | 14.20 | 14.20 |
| Total System Weight | 26.46 | 28.71 | 31.09 | 31.83 | 33.98 | 34.25 | 37.24 | 37.77 | 38.84 | 41.27 | 41.64 |

EQUIPMENT DATA – CONTINUED

Table 4. IOTV Gen II System Maximum Weight Chart (in pounds).

| Finished Component | XS | S | M | ML | L | LL | XL | XLL | 2XL | 3XL | 4XL |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Base Vest Assembly: | 9.61 | 9.93 | 10.56 | 11.30 | 11.72 | 11.99 | 12.78 | 13.31 | 14.32 | 16.60 | 16.97 |
| Front Yoke/Collar Assembly: | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 |
| Back Yoke/Collar Assembly: | 0.80 | 0.83 | 0.88 | 0.88 | 0.91 | 0.91 | 0.96 | 0.96 | 1.02 | 1.17 | 1.23 |
| Groin Protector Assembly: | 0.72 | 0.72 | 0.72 | 0.72 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 | 0.87 |
| Lower Back Protector Assembly: | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 |
| Deltoid Protector Assembly: | 2.00 | 2.00 | 2.40 | 2.40 | 2.40 | 2.40 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| ESBI Plates (x2) | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 |
| ESAPI Plates (x2) | 7.60 | 9.50 | 10.90 | 10.90 | 12.50 | 12.50 | 14.20 | 14.20 | 14.20 | 14.20 | 14.20 |
| Total System Weight | 27.06 | 26.31 | 31.69 | 32.53 | 34.73 | 35.00 | 38.04 | 38.57 | 39.64 | 42.07 | 42.50 |

END OF WORK PACKAGE

FIELD MAINTENANCE
LEFT AND RIGHT SIDE PLATE CARRIER (IOTV)
UNIVERSAL SIDE PLATE CARRIER (IOTV GEN II)
REPAIR

INITIAL SETUP:**Tools and Special Tools**

Heated Blade Cutter (WP 0047, Item 3)
 Shears, Tailors, 12 Inch (WP 0047, Item 14)
 Stitch Removal Tool (WP 0047, Item 15)
 Ruler, Measuring (WP 0047, Item 8)
 Sewing Machine, Industrial (Light Duty) (WP 0047, Item 13)
 Sewing Machine, Industrial (Darning) (WP 0047, Item 12)

Personnel Required

Shower, Laundry and Clothing Repair Specialist
 SLCR (92S)

Materials/Parts

Pencil, Marking Aid, Yellow, A-A-87 (WP 0046, Item 12)
 Webbing, Textile, MIL-W-17337, Class 2, 2-Inch (WP 0040, Item 33)
 Fastener Tape, Hook, AA55126, Type II, 4-Inch (WP 0040, Item 11)
 Fastener Tape, Loop, AA55126, Type II, 4-Inch (WP 0040, Item 15)
 Thread, Nylon, Type I or II, Class A, Size E, Natural (WP 0040, Item 27)

References

WP 0013

REPAIR

Fabric materials such as webbing that is cut for use in the maintenance of the IOTV will normally be heat seared (unless otherwise specified) IAW WP 0013, to prevent the material from fraying or unraveling.

Unless otherwise specified, all seams will be sewn with a 301 lock stitch using Size E, Type I, II, or III thread, at 7 to 11 stitches-per-inch and a light duty sewing machine. Ensure the thread ends are trimmed to a point as close as possible to the material that has been sewn.

REPAIR – CONTINUED

This work package covers repair of the IOTV right and left side plate carrier pocket bottom overlay and the repair of hook and loop fastener tape on both IOTV side plate carriers and IOTV Gen II side plate carriers (Figure 1).

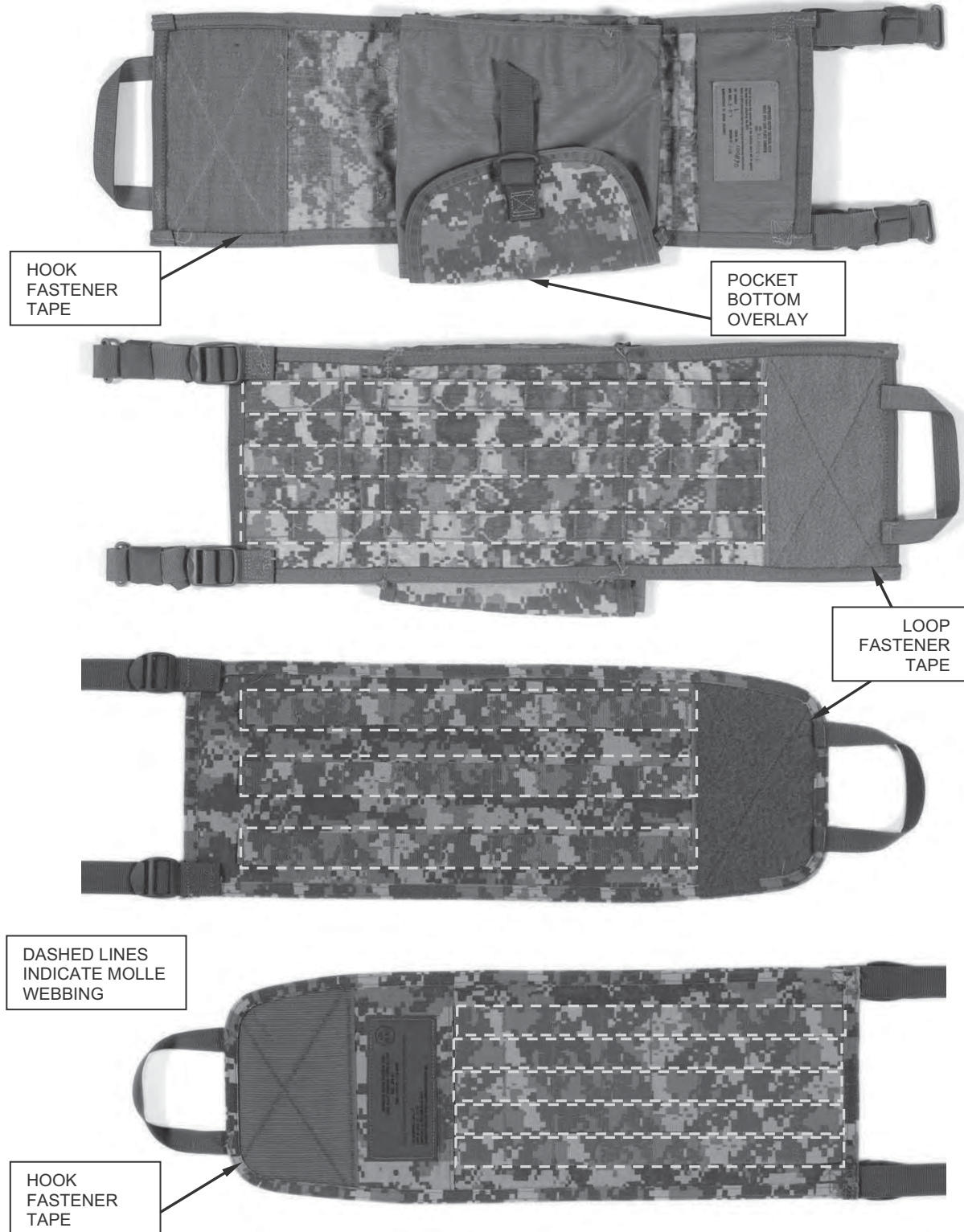


Figure 1. Side Plate Carrier Repair.

REPAIR – CONTINUED**Repair of the Left and Right Side Plate Carrier Pocket Bottom Overlay with Minimal Wear (IOTV Only)**

1. Darn abrasion locations (Figure 2). Refer to WP 0013 for darning techniques.
2. Place webbing over the damaged area on the outside of the flap.
3. Sew seam 1/8 inch in from edge of webbing,
4. Stitch the nylon webbing over the damaged area in a zig-zag fashion for reinforcement (Figure 2).

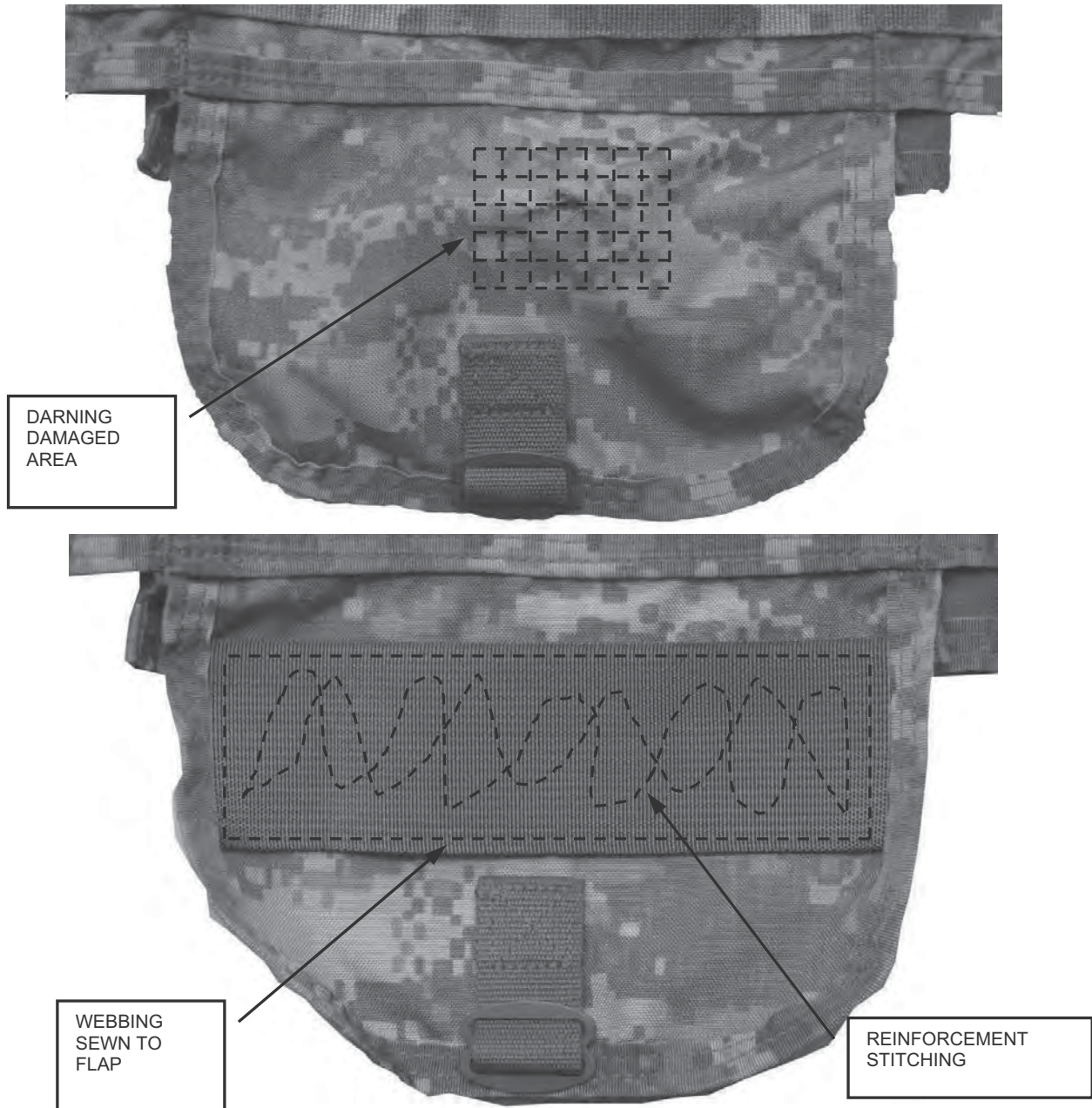


Figure 2. Repair of Side Plate Carrier Bottom Overlay (IOTV Only).

END OF TASK

REPAIR – CONTINUED**Replacement of Hook and loop on Side Plate Carrier (IOTV and IOTV Gen II)****NOTE**

New hook or loop may be sewn over damaged hook or loop one time only. After that, old hook or loop must be removed before sewing on new hook or loop.

1. If the hook or loop tape has been previously repaired (more than one layer of material), remove both layers of hook or loop fastener tape.
2. Cut 4-inch hook or loop fastener tape to appropriate length.
3. Cut hook and loop fastener tape to same shape as original.
4. Place over original location.
5. Sew hook or loop fastener tape to side plate carrier 1/8-inch from edge using an X-stitch pattern (Figure 3).



Figure 3. Replacement of Hook or Loop on Side Plate Carrier.

END OF TASK

END OF WORK PACKAGE

**SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
EQUIPMENT/USER FITTING INSTRUCTIONS**

INITIAL SETUP:

Personnel Required

CIF Personnel

References

WP 0009
TM 10-277

OTV USER FITTING INSTRUCTIONS

WARNING



All Soldiers must try on a vest to be properly fitted. Improperly fitted body armor could result in injury or death to the user.

NOTE

All vests will have hard armor protective insets properly inserted in the vest IAW WP 0009. This includes: one set of ESAPI (front and back). Soldiers will not be sized in the OTV without inserted body armor. ESBI Carrier Assembly and ESBI plates are not required to be worn for proper fitting.






1. Prior to sizing the OTV, ensure all components are present (Table 1) and properly sized (Table 2).

Table 1. IBA Component Listing (OTV Configuration).

| Item Name | QTY | U/I | Photo |
|--|-----|-----|--|
| Vest Outershell | 1 | ea |  |
| Back Ballistic Insert (located in the Vest Outershell) | 1 | ea |  |







OTV USER FITTING INSTRUCTIONS – CONTINUED

Table 1. IBA Component Listing (OTV Configuration) – Continued.

| Item Name | QTY | U/I | Photo |
|--|-----|-----|--|
| Front Right Ballistic Insert (located in the Vest Outershell) | 1 | ea |  |
| Front Left Ballistic Insert (located in the Vest Outershell) | 1 | ea |  |
| Yoke/Collar Assembly | 1 | ea |  |
| Collar Ballistic Inserts (located in the Yoke/Collar Assembly) | 2 | ea |  |
| Throat Protector Assembly | 1 | ea |  |




OTV USER FITTING INSTRUCTIONS – CONTINUED

Table 1. IBA Component Listing (OTV Configuration) – Continued.

| Item Name | QTY | U/I | Photo |
|---|-----|-----|---|
| Throat Protector Ballistic Inserts (located in the Throat Protector Assembly) | 1 | ea |  |
| DAPS (Deltoid Protector Assembly) | 2 | ea |  |
| DAPS (Deltoid Protector Ballistic Insert located in the Deltoid Protector Assembly) | 2 | ea |  |
| DAPS (Axillary Protector Assembly) | 2 | ea |  |
| DAPS (Axillary Protector Ballistic Insert located in the Axillary Protector Assembly) | 2 | ea |  |
| Groin Protector Outershell | 1 | ea |  |

OTV USER FITTING INSTRUCTIONS – CONTINUED

Table 1. IBA Component Listing (OTV Configuration) – Continued.

| Item Name | QTY | U/I | Photo |
|---|-----|-----|---|
| Groin Protector Ballistic Insert (Located in the Groin Protector Assembly) | 1 | ea |  |
| ESBI Carrier Assembly | 2 | ea | |
| ESBI Carrier Ballistic Insert (Located in the ESBI Carrier Assembly) | 2 | ea | |
| ESBI | 2 | ea |  |
| ESAPI | 2 | ea |  |

OTV USER FITTING INSTRUCTIONS – CONTINUED

Table 2. OTV Component Sizing Chart.

| Vest Size | XS | S | M | L | XL | 2XL | 3XL | 4XL |
|---|-----------|----------|----------|----------|-----------|------------|------------|------------|
| OTV Carrier | XS | S | M | L | XL | 2XL | 3XL | 4XL |
| Back, Front Left and Front Right Ballistic Inserts | XS | S | M | L | XL | 2XL | 3XL | 4XL |
| Yoke/Collar Assembly | XS | S | M | L | XL | 2XL | 3XL | 4XL |
| Throat Protector Assembly | U | U | U | U | U | U | U | U |
| Groin Protector Assembly | XS-M | XS-M | XS-M | L-4XL | L-4XL | L-4XL | L-4XL | L-4XL |
| DAPS | U | U | U | U | U | U | U | U |
| ESBI Carrier Assembly | U | U | U | U | U | U | U | U |
| ESAPI Plates | XS | S | M | L | XL | XL | XL | XL |
| ESBI Plates | U | U | U | U | U | U | U | U |

2. Have the Soldier stand in front and face the sizing personnel.
3. Ask the Soldier his/her current OTV size, IOTV size or coat size.
4. Have the Soldier try on an OTV based on the sizing information in Table 3.
5. If Soldier does not have sizing information, take a chest measurement. Refer to TM 10-227, Fitting of Army Uniforms for proper measuring information.

Table 3. OTV Size Prediction Chart.

| Coat Size | Chest Circumference (Inches) | OTV Size |
|------------------|-------------------------------------|-----------------|
| 33S – 33L | 29 – 33 | XS |
| 33S – 37XL | 33 – 37 | S |
| 37S – 41L | 37 – 41 | M |
| 41S – 46L | 41 – 45 | L |
| 45S – 49L | 45 – 49 | XL |
| 49S – 52L | 49 – 53 | 2XL |
| | 53 – 57 | 3XL |
| | 57 – 61 | 4XL |

OTV USER FITTING INSTRUCTIONS – CONTINUED**NOTE**

Ensure the side adjustment straps are tightened prior to donning the vest.

6. Assist the Soldier in donning the OTV.
7. Ensure the yoke/collar assembly is lying properly along the shoulders, neck and back. It should lie smoothly without any bulking or bunching.
8. Have the Soldier face toward you to check size, comfort and mobility by asking the Soldier to move arms in a circular motion, then in a running motion, execute some deep knee bends and lift one knee up at a time.
9. Have the Soldier sit upright in a chair, visually check to ensure the vest is not rising off the shoulders, the vest should rest flush on the shoulders (Figure 1).
10. Ensure that the front bottom edge on the vest/front plate is not placing pressure down on the Soldier's legs. If so, re-size and fit the Soldier in a smaller vest.
11. Visually check the overall size/fit of the vest to ensure that there are no exposed areas of the torso (lower neck, lower front and back torso areas). If so, re-size the Soldier in a larger vest.



Figure 1. Checking Fit of OTV.

END OF TASK

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS**WARNING**

All Soldiers must try on a vest to be properly fitted. Improperly fitted body armor could result in injury or death to the user.

NOTE

All vests will have hard armor protective insets properly inserted in the vest IAW WP 0009. This includes: one set of ESAPI (front and back) and one set of ESBI (left and right). Soldiers will not be sized in the IOTV without inserted body armor.

Pictures shown are of the IOTV Gen II. These are representational illustrations. Unless otherwise noted, the procedures are identical for the IOTV and IOTV Gen II.

1. Prior to sizing the IOTV/IOTV Gen II, ensure the following:
 - a. Ensure all components are present (Table 4) and properly sized (Table 5).

WARNING

The IOTV may have a 1¼-inch, 2:1 reducer buckle (Figure 2, Item 1) or a metal 2:1 reducer buckle. Vests with plastic 2:1 reducer buckles shall not be issued and must be changed prior to issue. Failure to follow these directions may result in improper performance that may lead to injury or death to the user.

- b. If using the IOTV, ensure both shoulder straps have the correct 2:1 reducer buckle and that both shoulder straps have the same type of 2:1 reducer buckle.
- c. If using the 1¼-inch, 2:1 reducer buckle, ensure the tip of the buckle on the left shoulder is aligned with the cable release channel (Figure 2, Item 2).

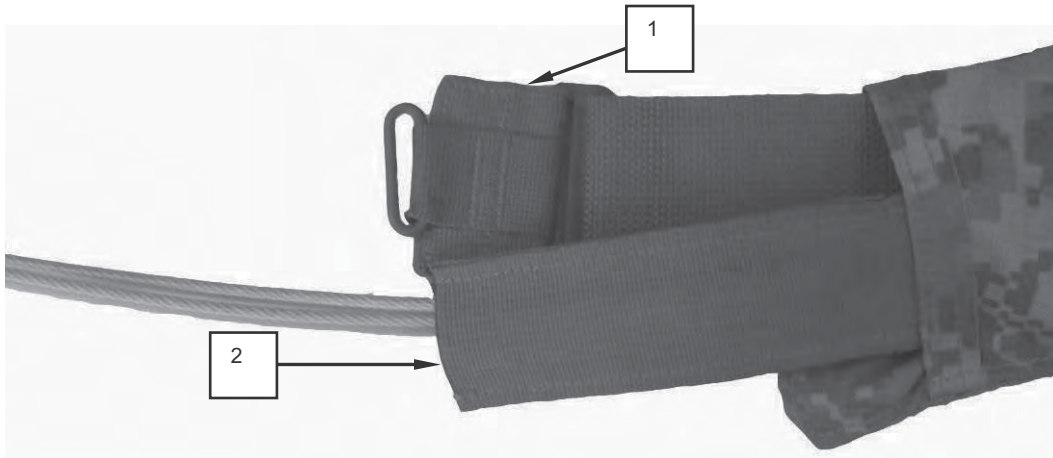








Figure 2. Adjusting Left Shoulder Webbing Length (IOTV Using a 1¼-inch 2:1 Reducer Buckle Only)











IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

Table 4. IOTV and IOTV Gen II Inventory.

| Component | QTY | IOTV | IOTV Gen II |
|-----------------------------|-----|--|---|
| Front Carrier | 1 |  <p data-bbox="602 1066 967 1115">Mesh interior. IOTV Front Carrier must also have a cable stop below.</p> |  <p data-bbox="1036 1152 1409 1224">Solid fabric interior. Equipment attachment rings on shoulders (exterior fabric).</p> |
| | |  <p data-bbox="602 1272 716 1297">Cable Stop.</p> | |
| Front Soft Ballistic Insert | 1 |  | Same as IOTV |
| Back Carrier | 1 |  <p data-bbox="602 1938 732 1963">Mesh interior.</p> |  <p data-bbox="1036 1938 1219 1963">Solid fabric interior.</p> |









IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

Table 4. IOTV and IOTV Gen II Inventory – Continued.

| Component | QTY | IOTV | IOTV Gen II |
|--|-----|--|--|
| Back Soft Ballistic Inserts | 1 |  | Same as IOTV |
| Side Plate Carrier | 2 |  <p data-bbox="602 905 964 953">Plate pocket attached. Must have one each of right and left side plate carrier.</p> |  <p data-bbox="1036 905 1370 953">Stiff throughout. Plate pouch is detachable. Neither is side-specific.</p> |
| Internal Elastic Band (One each of left and right) | 2 |  <p data-bbox="602 1056 932 1083">One is semi-permanently attached.</p> | Same as IOTV but both are completely separable. |
| Cable Release Assembly | 1 |   <p data-bbox="602 1482 932 1509">Cable comes out middle of handle.</p> |   <p data-bbox="1036 1482 1365 1509">Cable comes out side of handle.</p> |
| Front Yoke Assembly | 1 |  |  |




IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

Table 4. IOTV and IOTV Gen II Inventory – Continued.

| Component | QTY | IOTV | IOTV Gen II |
|--|-----|---|--|
| Yoke/Collar Assembly | 1 |  |  |
| Groin Protector Outershell | 1 |  | Same as IOTV |
| Groin Protector Soft Ballistic Inserts | 1 |  | Same as IOTV |
| Lower Back Protector Outershell | 1 |  Pouch. |  No pouch. |
| Lower Back Protector Ballistic Insert | 1 |  | Same as IOTV. |
| Deltoid Protector Outershell | 2 |  | Same as IOTV. |

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

Table 4. IOTV and IOTV Gen II Inventory – Continued.

| Component | QTY | IOTV | IOTV Gen II |
|--|-----|---|---------------|
| Deltoid Protector Soft Ballistic Inserts | 2 |  | Same as IOTV. |
| ESBI Plate | 2 |  | Same as IOTV |
| ESAPI (green) or XSAPI (tan) Plate | 2 |  | Same as IOTV |

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

Table 5. IOTV and IOTV Gen II Component Sizing Chart.

| Vest Size | XS | S | M | ML | L | LL | XL | XLL | 2XL | 3XL | 4XL |
|---|-------|-------|-------|-------|-------|-------|--------|--------|---------|---------|---------|
| Front Carrier & Soft Ballistic Insert | XS | S | M | ML | L | LL | XL | XLL | 2XL | 3XL | 4XL |
| Back Carrier & Soft Ballistic Insert | XS | S | M | ML | L | LL | XL | XLL | 2XL | 3XL | 4XL |
| Cable Release Assembly | XS-S | XS-S | M-LL | M-LL | M-LL | M-LL | XL-XLL | XL-XLL | 2XL-4XL | 2XL-4XL | 2XL-4XL |
| Internal Elastic Band | XS-S | XS-S | M-LL | M-LL | M-LL | M-LL | XL-2XL | XL-2XL | XL-2XL | 3XL-4XL | 3XL-4XL |
| Side Plate Carriers | XS-S | XS-S | M-LL | M-LL | M-LL | M-LL | XL-2XL | XL-2XL | XL-2XL | 3XL-4XL | 3XL-4XL |
| Universal Side Plate Pouch (IOTV Gen II Only) | U | U | U | U | U | U | U | U | U | U | U |
| Front Yoke/Collar | U | U | U | U | U | U | U | U | U | U | U |
| Back Yoke/Collar | XS | S | M-ML | M-ML | L-LL | L-LL | XL-XLL | XI-XXL | 2XL | 3XL | 4XL |
| Groin Protector Assembly | XS-ML | XS-ML | XS-ML | XS-ML | L-4XL | L-4XL | L-4XL | L-4XL | L-4XL | L-4XL | L-4XL |
| Lower Back Protector Assembly | U | U | U | U | U | U | U | U | U | U | U |
| Deltoid Protector Assembly | XS-S | XS-S | M-L | M-L | M-L | M-L | XL-4XL | XL-4XL | XL-4XL | XL-4XL | XL-4XL |
| ESAPI Plates | XS | S | M | M | L | L | XL | XL | XL | XL | XL |
| ESBI Plates | U | U | U | U | U | U | U | U | U | U | U |

2. Have the Soldier stand in front and face the sizing personnel.
3. Observe the build and height of the Soldier – note if the Soldier tends to be tall (6 feet or taller) and/or tends to have a stocky or thin build.
4. Ask the Soldier his/her current OTV size, IOTV size or coat size and height.
5. Have the Soldier try on an IOTV/IOTV Gen II based on the sizing information in Table 6.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

6. If Soldier does not have sizing information, take a chest measurement. Refer to TM 10-227, Fitting of Army Uniforms for proper measuring information.

Table 6. IOTV and IOTV Gen II Size Prediction Chart.

| Coat Size | Height | Chest Circumference (Inches) | IOTV/IOTV Gen II Size |
|------------------|-----------------|-------------------------------------|------------------------------|
| 33S – 33L | 5' 0" – 6' 2" | 29 – 33 | XS |
| 33S – 37XL | 5' 0" – 6' 2" + | 33 – 37 | S |
| 37S – 41L | 5' 0" – 6' 0" | 37 – 41 | M |
| 37L – 41XL | 6' 0" + | 37 – 41 | ML |
| 41S – 46L | 5' 0" – 6' 0" | 41 – 45 | L |
| 41L – 46L | 6' 0" + | 41 – 45 | LL |
| 45S – 49L | 5' 0" – 6' 0" | 45 – 49 | XL |
| 45L – 49L | 6' 0" + | 45 – 49 | XLL |
| 49S – 52L | 5' 0" – 6' 2" + | 49 – 53 | 2XL |
| | 5' 0" – 6' 2" + | 53 – 57 | 3XL |
| | 5' 0" – 6' 2" + | 57 – 61 | 4XL |

NOTE

When the IOTV/IOTV Gen II is worn and adjusted correctly, there will be at least 1-inch overlap of fabric where the front and back carriers join at the shoulder.

Ensure the side plate carrier adjustment straps are loosened prior to donning the vest.

7. Assist the Soldier in donning the IOTV using the over-the-head method.
 - a. Open the left shoulder of the vest (medical access point) and unsnap the shoulder strap.
 - b. Loosen the left shoulder strap.
 - c. Place the vest over the head (Figure 3).

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED



Figure 3. Over the Head Donning.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

- d. Pull on the left shoulder strap until tightened.
- e. Secure left shoulder strap with hook and loop fastener tape and snap into place (Figure 4).



Figure 4. Adjusting Left Shoulder Strap.

8. Ensure the front and rear yoke and collar is lying properly along the shoulders, neck and back. It should lie smoothly without any bulking or bunching.
9. Secure the internal elastic band by lifting front carrier and pulling two halves of the band forward and connecting hook and loop fastener tape (Figure 5).



Figure 5. Securing Internal Elastic Bands.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

10. With the front carrier down, lift up the front flap to reveal the side plate carrier attachment points.

WARNING

Ensure front and back carrier soft ballistic protection overlaps under the arm when donning the vest. Failure to do so will result in unprotected areas, which may result in injury or death to the user.

11. Pull one of the side plate carriers around the body and attach to same side hook and loop panel in front. Repeat the step with the other half. Ensure the hook material is square with the loop material and does not overlap (Figure 6).



Figure 6. Securing Side Plate Carriers.

- a. When securing the internal elastic bands, ensure the hook and loop fastener tapes are matched and square.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

- b. When securing the side plate carriers to the front carrier, ensure the side plate carriers are squared on the hook and loop fastener tape. The hook and loop fastener tape should match as closely as possible (Figure 7).



Figure 7. Squaring Side Plate Carriers.

12. Close the front flap, secure with hook and loop tape, and tuck the bottom of the front flap up into the front flap pocket.
13. Close the front panel cover.
14. Ensure the sides of the front carrier and back carrier are lying properly around the Soldier's torso. The sides should overlap and lay smoothly without bulking or bunching.
15. Turn the Soldier around and open the lower access panel on the back carrier.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

16. Tighten straps from top to bottom until the vest fits firmly and comfortably on the body (Figure 8). Ensure all straps are adjusted evenly.
- The distance from the edge of the left side plate carrier to the centerline of the vest on the top attachment strap (Figure 8) is measurement A.
 - The distance from the edge of the right side plate carrier to the centerline of the vest is measurement B.
 - Measurements A and B should be approximately the same.
 - The distance from the edge of the left side plate carrier to the centerline of the vest on the bottom attachment strap (Figure 8) is measurement C.
 - The distance from the edge of the right side plate carrier to the centerline of the vest is measurement D.
 - Measurements C and D should be approximately the same.

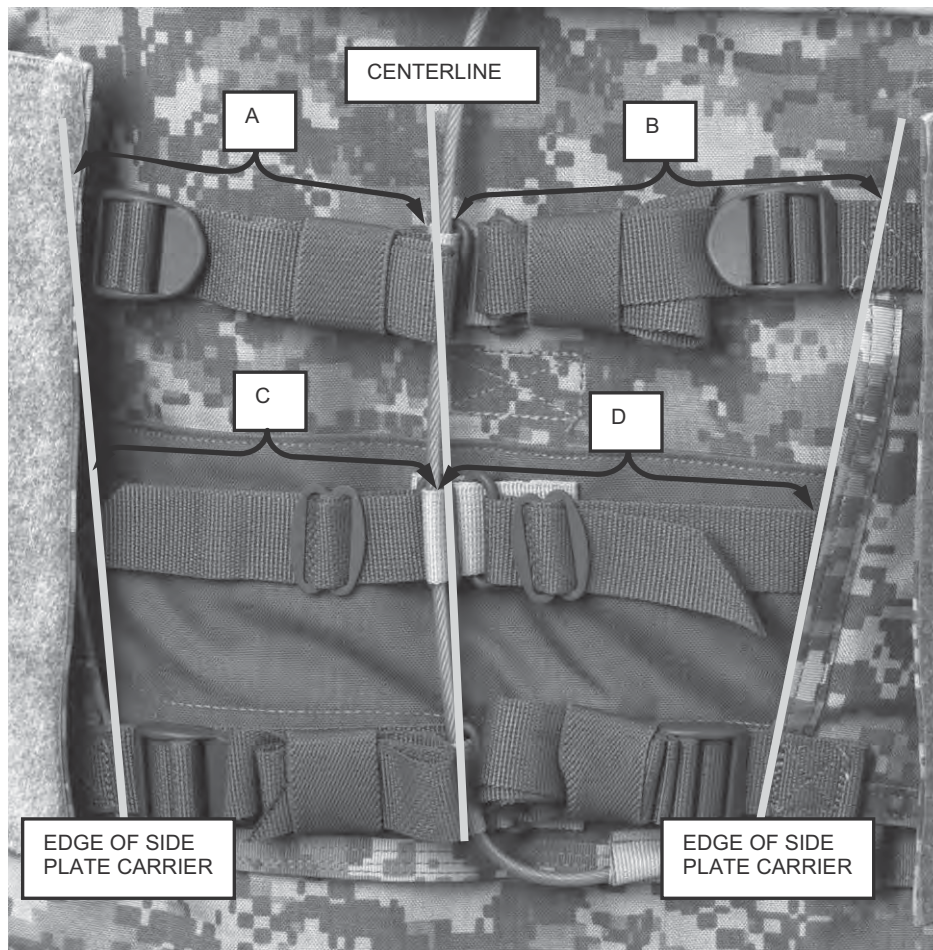


Figure 8. Adjusting Side Plate Carrier and Internal Elastic Band Straps.

17. Secure excess webbing in webbing keepers.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

18. Verify proper fit by checking for the following:
 - a. Side plate carriers and internal elastic bands should be evenly tightened (as done in step 16).
 - b. ESBI's should be centered on the side of the body.
 - c. Cable release should route without any kinking or bending.
 - d. At least 1-inch overlap of fabric where the front and back carriers join at the shoulder.
 - e. The cable release assembly should extend a minimum of 1 ½ inches past the last adjustment point.
 - f. Ensure there are no exposed side plate carrier straps or buckles showing from the carrier channel after adjustments are made.
 - g. Side plate carriers should route through the side plate carrier channels.
 - h. Internal elastic bands should route through both side plate carrier channel and internal elastic band channel.
19. Re-adjust as necessary. If re-adjustment does not fix the problem, then try a different size.
20. When completed, close the lower access panel and tuck the bottom up into the back flap pocket
21. Have the Soldier face toward you to check size, comfort and mobility by asking the Soldier to move arms in a circular motion, then in a running motion, execute some deep knee bends and lift one knee up at a time.
22. Have the Soldier sit upright in a chair, visually check to ensure the vest is not rising off the shoulders, the vest should rest flush on the shoulders. Ensure that the front bottom edge on the vest/front plate is not placing pressure down on the Soldiers legs. If so, re-size and fit the Soldier in a smaller vest.
23. Have the Soldier stand with his or her body straight, and visually check the length of the vest to ensure that the front bottom edge of the front carrier falls between the belly button and the belt line. If not, re-size and fit the Soldier with a larger/long vest.

NOTE

If the Soldier is tall and/or has a long torso, check that the stomach area is covered, by ensuring that the bottom edge of the front and back carrier falls between the belly button and the belt line. If not, re-size and fit the Soldiers with a longer vest (The longer size vest will provide three additional inches of coverage).

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

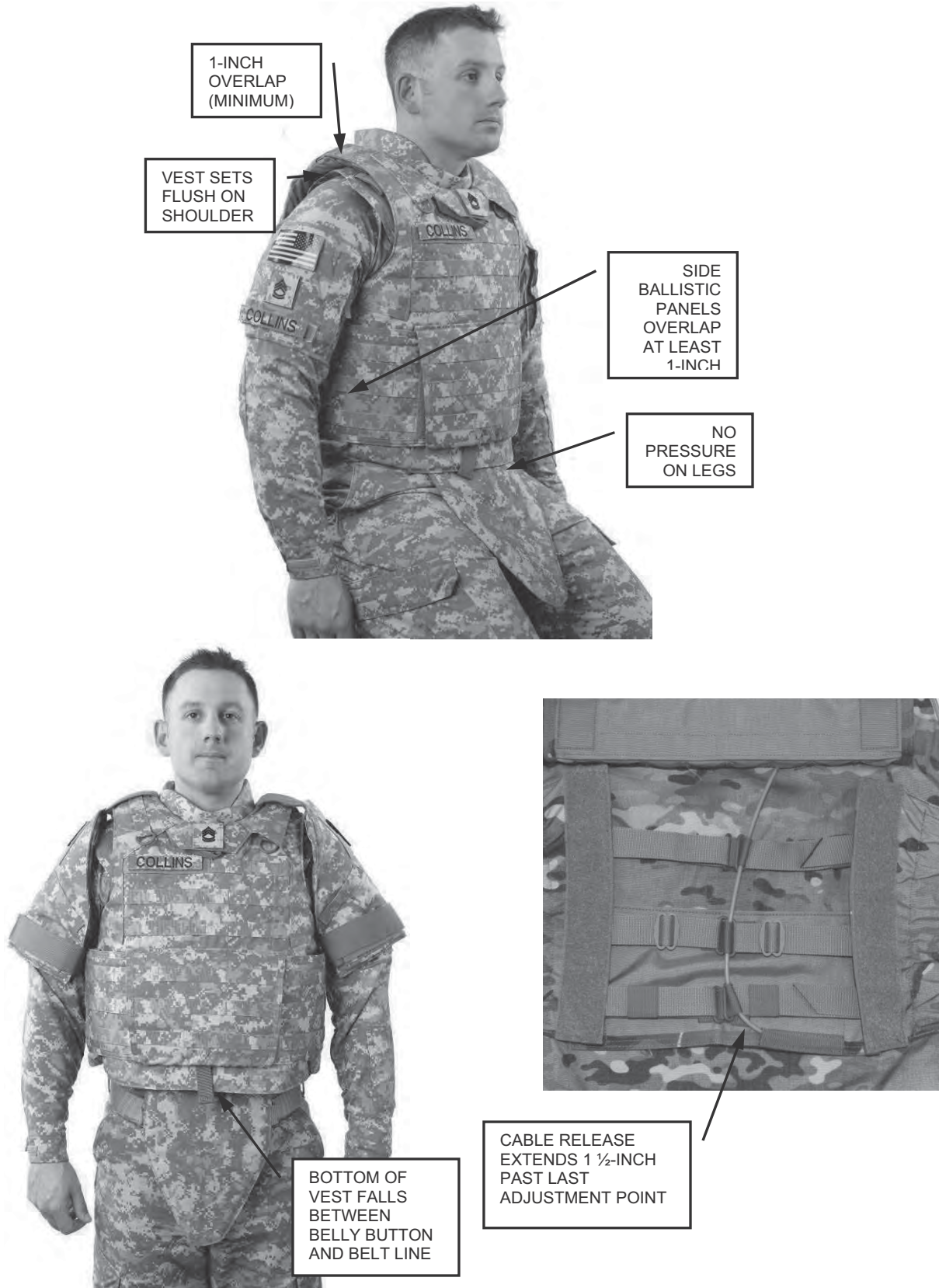


Figure 9. IOTV/IOTV Gen II Sizing Checks.

IOTV/IOTV GEN II USER FITTING INSTRUCTIONS – CONTINUED

24. Visually check the side panels of the front and back carrier to ensure they overlap a minimum of 1-inch to provide complete side protection (Figure 9). If not, re-size and fit the Soldier with a larger vest.
25. Visually check the wing channels and the rear portion of the side plate carriers after adjustment, to ensure there are no gaps between the wing channel and the rear portion of the side plate carrier after adjustment (Figure 10). If so, re-size the Soldier in a larger vest.



Figure 10. Checking Side Panels and Wing Channels.

26. Visually check the overall size/fit of the vest to ensure that there are no exposed areas of the torso (lower neck, under arms, lower front and back torso areas). If so, re-size the Soldier in a larger or larger/long vest.
27. Visually check the overall size/fit to ensure that the vest is not too big for the torso. If so, re-size the Soldier in a smaller or smaller/long vest.

END OF TASK

END OF WORK PACKAGE

**SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
DISASSEMBLY, ASSEMBLY**

INITIAL SETUP:**Personnel Required**

CIF Personnel

DISASSEMBLY**Disassemble IOTV/IOTV Gen II**

1. Remove SAPI/ESAPI/XSAPI plates from the front and back carriers, if installed.
2. Remove ESBI plates from side carriers, if installed.
3. Remove the deltoid protectors, lower back protector and groin protector, if attached and remove ballistic inserts from each.
4. Remove yoke/collar assembly and front yoke assembly from vest.
5. Remove yoke/collar ballistic inserts (if removable).
6. Separate the front and back IOTV carriers by removing the cable release completely, and unsnapping and releasing the hook and loop fasteners on the left shoulder.
7. Remove side plate carriers and internal elastic band.
8. Remove soft ballistic inserts from front and back carriers.

END OF TASK**Disassemble OTV**

1. Remove SAPI/ESAPI plates from the front and back pockets, if installed.
2. Remove ESBI plates, if installed.
3. Remove the DAPS and groin protector, if attached and remove ballistic inserts from each.
4. Remove yoke/collar assembly and front throat protector assembly from vest, and remove ballistic inserts.
5. Remove front-left, front-right and back soft ballistic inserts from outershell.

END OF TASK

ASSEMBLY**Assemble IOTV or IOTV Gen II****WARNING**

Ensure the sizes of the front and back carrier match by comparing data plate information. Ensure the sizes of the attachable items match the sizes of the front and back carriers by comparing data plate information. Failure to do so could affect performance, causing injury or death to the user.

NOTE

The term "interior fabric" or "interior surface" means the side of any component of the IBA system that faces the soldier when worn. The term "exterior fabric" or "exterior surface" means the side of any component of the IBA system that faces away from the soldier. The term "inside surface," "inside fabric" or "inside" means the area of any IBA component that is between the exterior and interior surfaces. The inside or inside surface of an IBA component is the portion that touches the soft ballistic inserts.

Inserting Soft Ballistic Inserts.

1. Place the carrier on a clean surface with the exterior surface facing down.
2. Place the soft ballistic insert on top of the carrier with the data label facing up (Figure 1).



Figure 1. Placing Carrier Exterior Fabric Down.

3. Separate the hook and loop fastener tape on the interior fabric of the carrier.

ASSEMBLY – CONTINUED

4. Fold the shoulders and sides of the soft ballistic insert in toward the center (Figure 2).



Figure 2. Inserting Soft Ballistics.

5. Place soft ballistics inside the carrier.
6. Using your hand, smooth the soft ballistic insert so that it fits snugly inside the carrier and does not bulge or fold (Figure 3).



Figure 3. Inserting Soft Ballistics (Actual Vest Material is Not See-Through).

7. Re-seal the hook and loop fastener tape, ensuring that the tape and fabric are smooth and have no folds or puckers.
8. Repeat steps 1-7 for the back carrier.

ASSEMBLY – CONTINUED

- Repeat steps 1-3 and 5-7 for the deltoid protectors, lower back protector, and groin protector. Refer to Figure 4 for an example of how to insert soft ballistic into ancillary equipment.

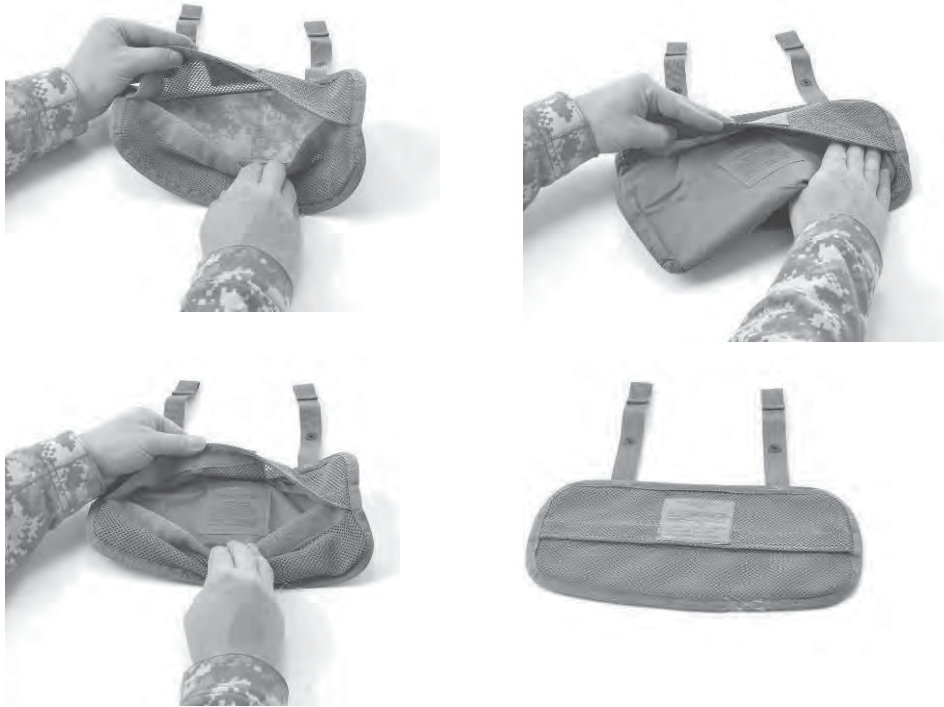


Figure 4. Inserting Soft Ballistics into Lower Back Protector.

END OF TASK**Inserting Hard Armor.**

- Place the carrier on a clean surface with the exterior surface facing down.
- Separate the hook and loop fastener tape on the interior fabric of the carrier.
- If installed, lift the soft ballistic insert to reveal the hard armor pocket.
- Unfasten the nylon strap at the bottom of the hard armor pocket (Figure 5).



Figure 5. Opening Hard Armor Protective Insert Pocket.

ASSEMBLY – CONTINUED

5. Place ESAPI plate into the hard armor pocket with the concave side up (Figure 6).



Figure 6. Inserting Hard Armor Protective Insert.

6. Reattach the nylon webbing on the hard armor pocket (Figure 7). The webbing should be tightened enough to hold the hard armor in the pocket firmly with no slipping.



Figure 7. Re-sealing the Hard Armor Protective Insert Pocket.

7. Smooth the soft ballistic inserts inside the carrier, ensuring there are no folds or buckles.
8. Re-seal the hook and loop fastener tape on the interior of the carrier, ensuring there are no folds or puckers.
9. Repeat steps 1-8 for the back carrier.

END OF TASK

ASSEMBLY – CONTINUED**Installing the Front Collar Assembly and Yoke/Collar Assembly.**

1. Lay the front and back carrier on a flat surface with interior surface up.
2. Position the front collar assembly on the front carrier and slip the side straps of collar through the mating loops on carrier (Figure 8). Secure the snap fasteners.
3. Weave remaining straps through the mating loops and secure the snap fasteners (Figure 8).

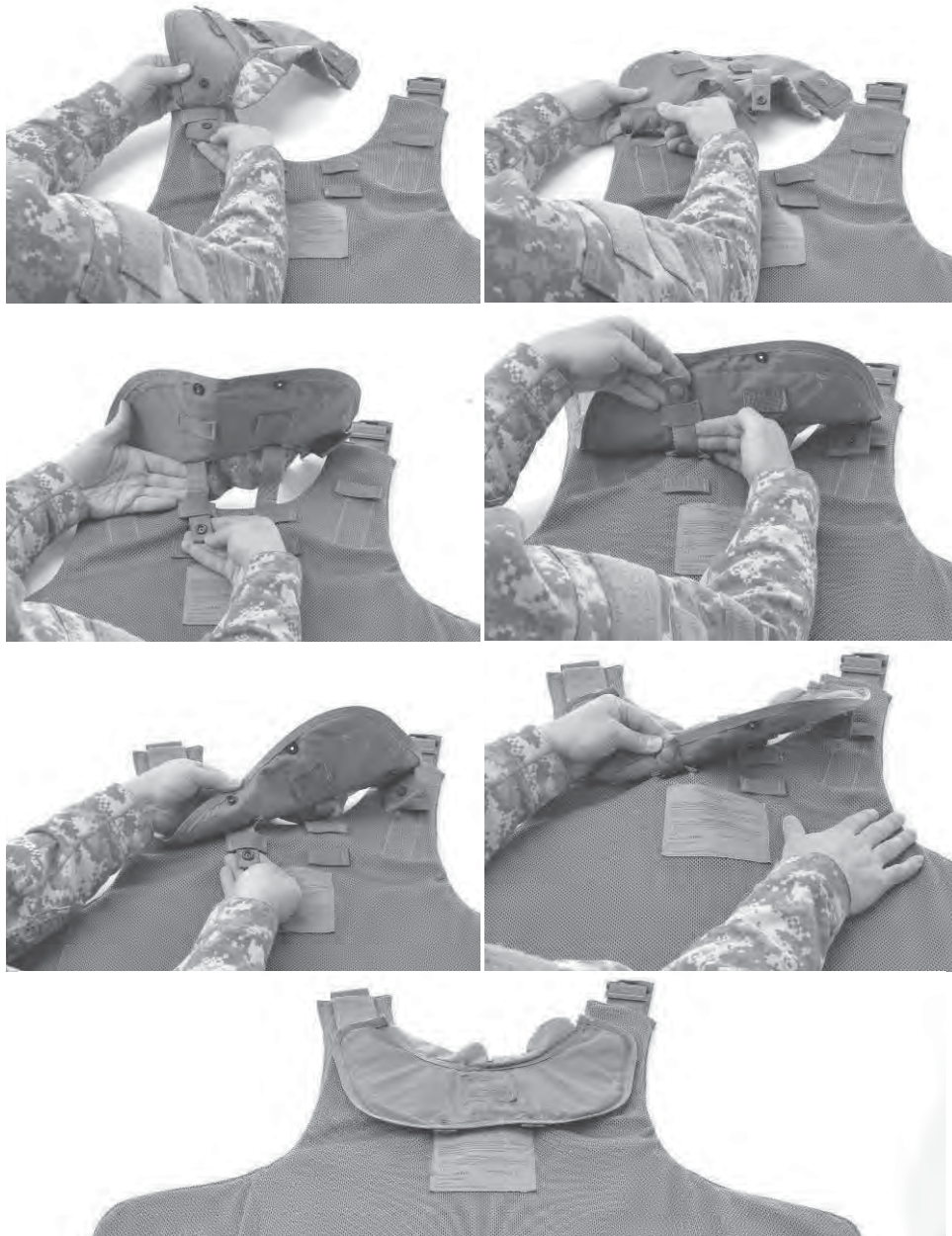


Figure 8. Attaching Front Collar.

ASSEMBLY – CONTINUED

4. Position the yoke/collar assembly on the back carrier and secure the sides with the hook and loop fastener tape (Figure 9).
5. Weave remaining straps through the mating loops and secure the snap fasteners (Figure 9).

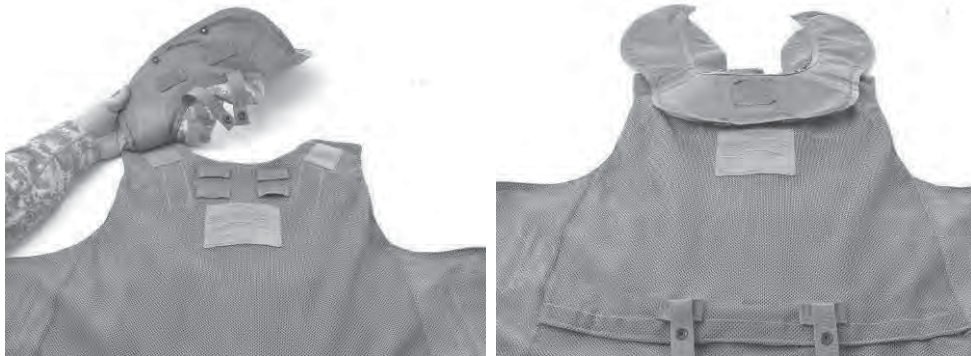


Figure 9. Attaching Yoke/Collar Assembly.

END OF TASK**Assembling Base Vest Assembly.**

1. (IOTV ONLY) Route the cables through the grommets on the cable stop. It does not matter which cable goes through which grommet (Figure 10).



Figure 10. Routing Cable through Cable Stop (IOTV Only).

ASSEMBLY – CONTINUED**WARNING**

Ensure there are no kinks in the quick-release cable. Failure to do so could adversely affect the function of the quick-release, causing injury or death to the service member.

Ensure the appropriate sized cable assembly is used according to the vest size.

(IOTV ONLY) Ensure the quick-release cable is routed through the two grommets of the cable stop, or a malfunction may occur. It does not matter which cable is routed through which grommet.

2. Insert the cable through the release cable pocket and route through the right shoulder (Figure 11).
 - a. (IOTV ONLY) Continue to route cable through the release cable webbing channel on the right shoulder of the front carrier (Figure 11).

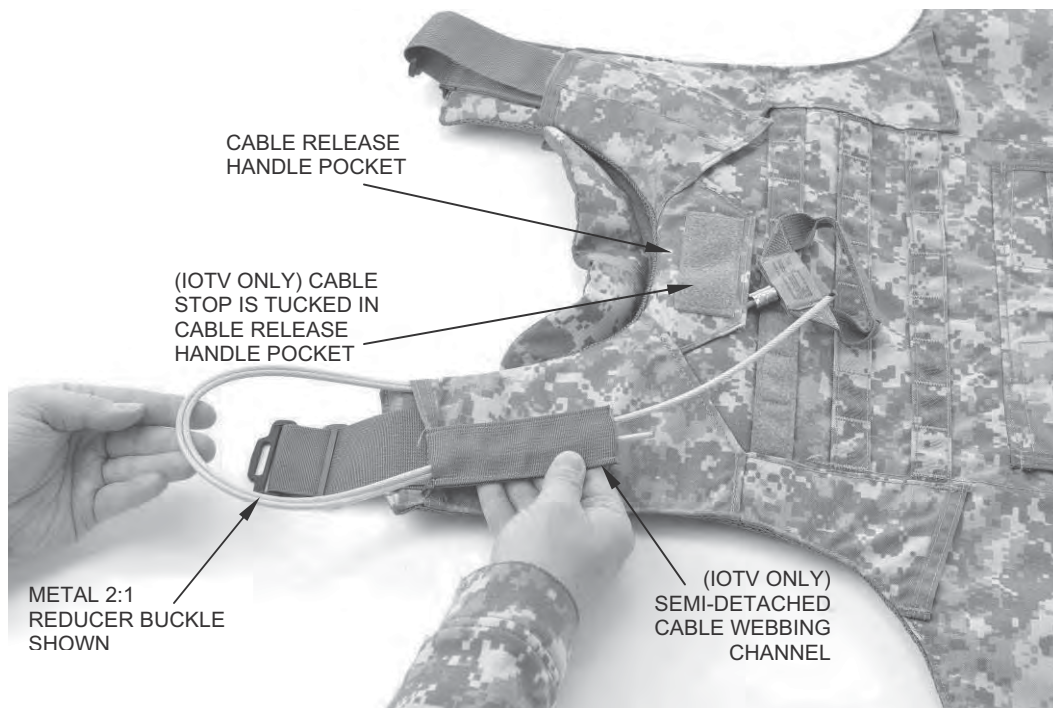


Figure 11. Routing the Cable Release Assembly on Front Carrier (IOTV Shown).

3. Stow the cable-release handle in the cable release handle pocket and secure with the hook and loop patches inside the pocket.

ASSEMBLY – CONTINUED

4. (IOTV WITH 1 ¼-INCH 2:1 REDUCER BUCKLE ONLY) Adjust right shoulder buckle so that the 1 ¼-inch 2:1 reducer buckle is even with the cable webbing channel (Figure 12).



Figure 12. Adjusting Left Shoulder Webbing Length (IOTV Using 1¼-inch 2:1 Reducer Buckle Only).

5. Align the front and back carriers with the interior side down, right shoulder to right shoulder and left shoulder to left shoulder (Figure 13).
6. Route the right side buckles and cables from the front carrier through the shoulder strap guide of the back carrier. Route the left side buckle of the front carrier through the shoulder strap guide of the back carrier (Figure 13).

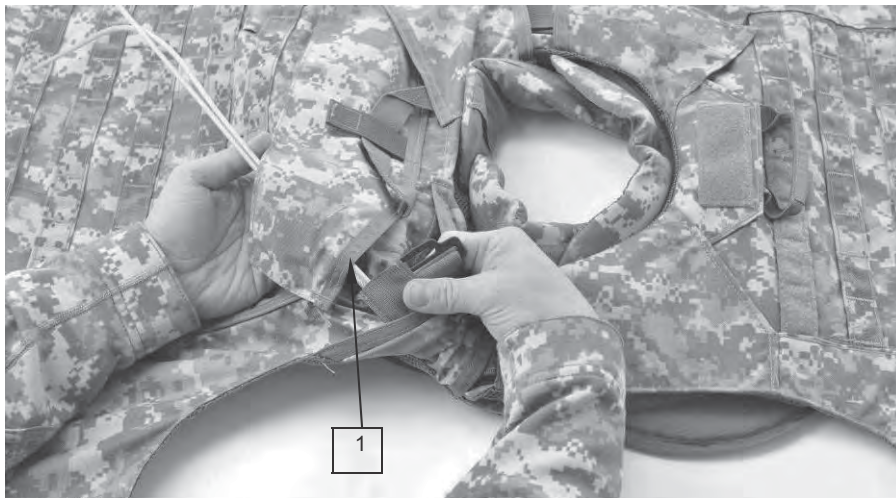


Figure 13. Connecting Front and Back Carriers.

7. Open the upper access panel by separating the hook and loop fastener tape.
8. Route both lengths of the cable release through the opening at the top of the upper access panel (Figure 13, Item 1).
9. Route the two webbing loops under the upper access panel through the metal buckles on the front carrier shoulder straps (Figure 14, Items 1 and 2).
10. Route the short cable release through the portion of the right hand webbing loop that sticks out of the buckle (Figure 14, Item 2).
11. Continue routing the release cable through the center cable routing channel (Figure 14, Item 3) and through the left hand webbing loop that sticks out of the buckle (Figure 14, Item 3).

ASSEMBLY – CONTINUED

NOTE

There are two olive-drab green straps with buckles attached to the ends under the upper flap of the back carrier. Do not use these buckles during assembly. They are to only be used with the Land Warrior System.

12. Insert the remaining portion of the release cable into the release cable stowage channel on the left side of the vest, ensuring the cable extends a minimum of 1½ inches past the left hand webbing loop (Figure 14, Item 4).

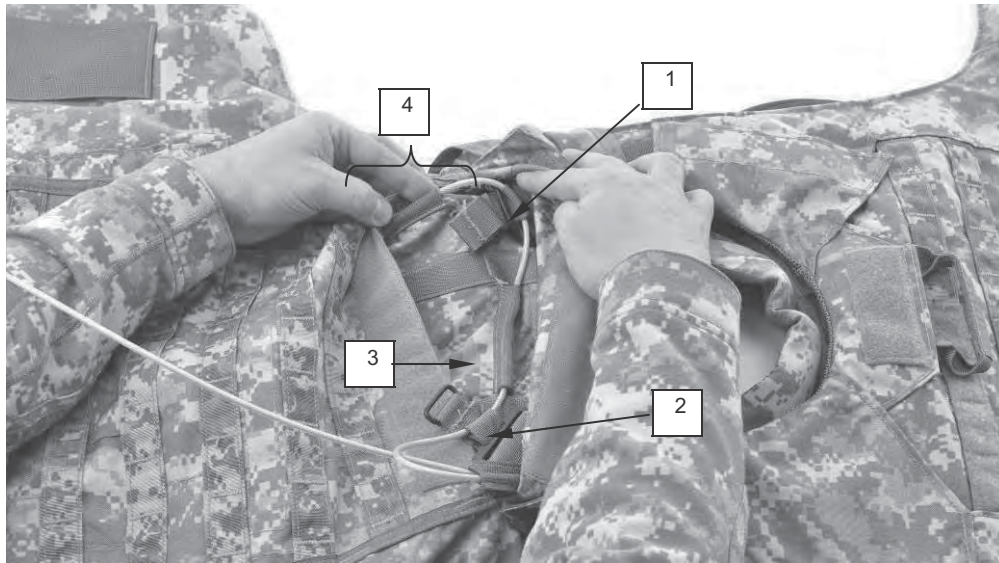


Figure 14. Routing Short Release Cable.

13. Route longer release cable through opening in lower access panel (Figure 15).



Figure 15. Routing Long Release Cable through the Lower Access Panel.

14. Release the upper access panel, ensuring the seam is flat with no folds or puckers.

ASSEMBLY – CONTINUED**NOTE**

Most IOTV back carriers have one of the internal elastic bands semi-permanently attached. IOTV Gen II back carriers do not.

15. Route the 1-inch nylon webbing one internal elastic band (Figure 16, Item 3) through the internal elastic band routing channel (Figure 16, Item 1) and then through the wing channels (Figure 16, Item 2). Ensure the data label side is facing the vest.
16. If the second internal elastic band is not semi-permanently attached, repeat step 15 for the opposite side.

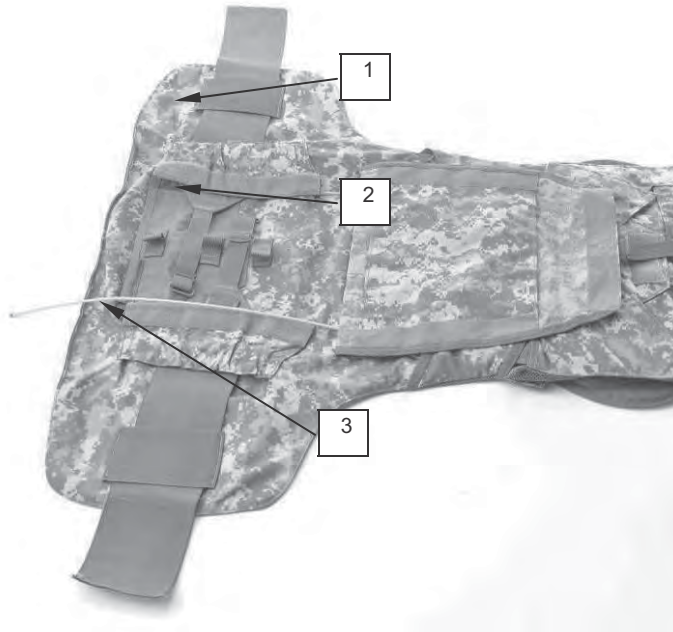


Figure 16. Installing the Internal Elastic Bands.

ASSEMBLY – CONTINUED**NOTE**

For the IOTV, the side plate carriers are labeled for left or right side use. Use the left side plate carrier for the left side and the right side plate carrier for the right side.

For the IOTV Gen II, the side plate carriers are universal and can be used on either side.

17. Route the two, 1-inch nylon webbings on one of the side plate carriers (Figure 17, Item 2) through the wing channels (Figure 17, Item 1). Ensure the data label side is facing the vest.
18. Repeat step 17 for the opposite side.



Figure 17. Installing the Side Plate Carriers.

WARNING

Proper routing of the cable release assembly is critical to the proper operation of the vest during an emergency doffing. The left-hand side plate carrier (left side plate carrier for IOTV or left-hand universal side plate carrier for IOTV Gen II) should be attached first, followed by the right. Failure to follow these directions could result in injury or death.

19. Route the uppermost loop of 1-inch webbing through the rectangular ring at the end of the 1-inch nylon webbing on the right-hand side plate carrier and then through the left-hand side plate carrier. Refer to Figure 18 for the sequence.
20. If one of the internal elastic bands is semi-permanent attached, route the middle loop of 1-inch webbing through the rectangular ring at the end of the opposite internal elastic band. If both elastic bands are permanently detached, then route the loop of 1-inch webbing through one internal elastic band and then through the second internal elastic band. Refer to Figure 18 for sequence.
21. Route the lowermost loop of 1-inch webbing through the rectangular ring at the end of the 1-inch nylon webbing on the right-hand side plate carrier and then through the left-hand side plate carrier. Refer to Figure 18 for the sequence.
22. Ensuring the 1-inch nylon webbing does not come out of the rectangular rings, route the long release cable through all three loops from top to bottom (Figure 18).
23. Tuck the end of the release cable into the cable stowage pocket, ensuring a minimum of 1 ½ inches of cable extend past the last webbing loop (Figure 18).

ASSEMBLY – CONTINUED

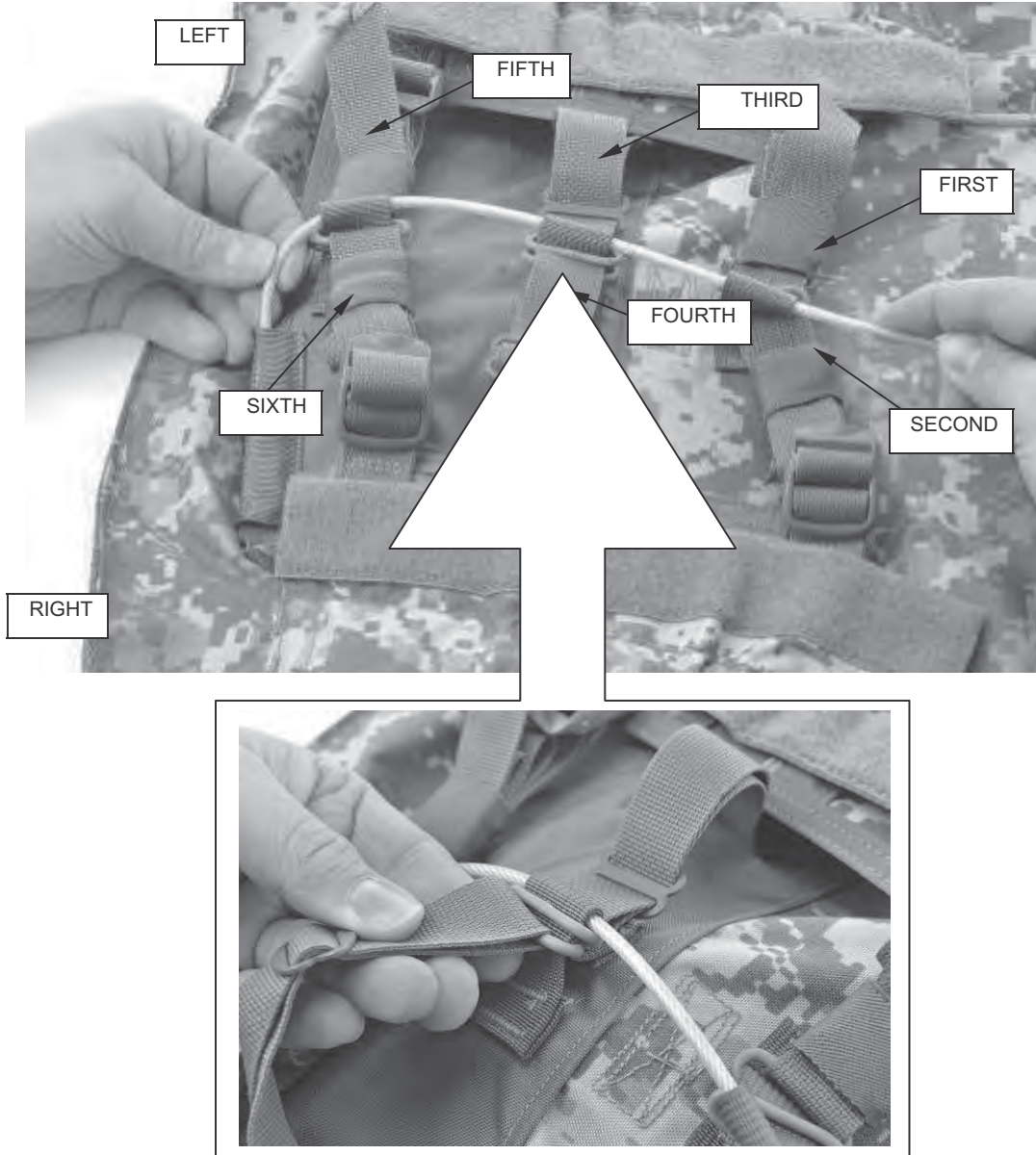


Figure 18. Routing Cable Release through Side Plate Carriers.

ASSEMBLY – CONTINUED

24. Gather any loose straps and secure using elastic keepers (Figure 19). The back pocket is now prepared to close.
25. Close and attach the back flap to the hook and loop strips, and tuck the bottom of the back flap up into the back flap pocket.



Figure 19. Long Release Cable Routing (IOTV Gen II Shown).

END OF TASK

ASSEMBLY – CONTINUED**Installing the Ballistic Groin Protector and Lower Back Protector.****NOTE**

The following procedures are identical for the lower back protector and the groin protector. The lower back protector attaches to the back carrier. The groin protector attaches to the front carrier.

1. Lay carrier on flat surface with interior surface facing up.
2. Insert both straps on groin protector (Figure 20) or lower back protector into the webbing loops on the carrier.
3. Fold over and secure the snap fasteners.
4. Ensure the data label faces the body when worn.



Figure 20. Attaching Groin Protector (IOTV Shown).

END OF TASK**Attaching the Deltoid Protectors.****WARNING**

Do not include the flap of the back yoke when attaching the deltoid protector to the vest. Doing so may prevent the cable release from operating correctly.

NOTE

Deltoid protectors are universal. There is no right or left deltoid protector.

1. Unhook and fully extend deltoid protector upper attachment strap. Route the strap over and under the shoulder of the vest. For maximum protection, ensure the deltoid protector overlaps where the front and back shoulder joins.
2. Use the same procedure for attaching both right and left deltoid protectors.
3. Secure the deltoid protector around the arm by pulling the loose end of the attachment strap around the arm and securing the hook and loop material.

END OF TASK

ASSEMBLY – CONTINUED**Inserting Side Hard Armor Plates (ESBI).****WARNING**

During pre-combat inspections, check that side plate strap has an additional turn with the strap through the buckle for added security. Without the strap being properly secured, the plate could fall out, leaving the user vulnerable to small-arms fire or fragmentation.

1. Lay the back carrier on flat surface with the interior material up and side plate carriers folded out, exposing the side plate pockets. There are two methods to install the side ballistic plates.
2. Top Load Method (IOTV and IOTV Gen II):
 - a. The first method is to unfasten the hook and loop on the top flap of the side plate pocket and pull out the flap and insert the side ballistic plate.
 - b. Push the plate into pocket, fold the flap back into pocket and re-attach the hook and loop fastener tape.
3. Bottom Load Method (IOTV ONLY):
 - a. The second method is to unweave the webbing from the buckle on the bottom of the pouch.
 - b. Open the pouch and insert the plate with the concaved portion facing toward the inside.
 - c. Close the flap and weave the strap back through the buckle.
 - d. Route the end of the strap back through the buckle in the opposite direction to lock.
4. If using the X-Small ESAPI plates instead of ESBI plates, insert the plate into unbuckled bottom flap and into the opened top flap. Buckle the bottom flap closed, ensuring to put the additional loop through the buckle to secure the strap.

END OF TASK**END OF WORK PACKAGE**

**SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
CONVERSION KIT**

INITIAL SETUP:**Personnel Required**

CIF Personnel

References

WP 0009

WP 0010

INTRODUCTION

A conversion kit consists of all the components of an IOTV/IOTV Gen II other than the removable ballistic inserts (front, rear, lower back, groin and deltoid). Conversion kits may be used to do the following:

- Convert IOTV to IOTV Gen II (changes NSN)
- Convert a UCP vest to OCP (changes NSN)
- Replace defective carriers on vests that have good ballistics

CONVERSION

1. Disassemble the IOTV/IOTV Gen II to be converted.
2. Separate the components IAW Table 1.

Table 1. Conversion Kit Inventory.

| Component | Save | Discard |
|--|------|---------|
| Front Carrier | | ✓ |
| Front Soft Ballistic Insert | ✓ | |
| Back Carrier | | ✓ |
| Back Soft Ballistic Inserts | ✓ | |
| Side Plate Carrier | | ✓ |
| Internal Elastic Band (One each of left and right) | | ✓ |
| Cable Release Assembly | | ✓ |
| Front Yoke Assembly | | ✓ |
| Yoke/Collar Assembly | | ✓ |
| Groin Protector Outershell | | ✓ |
| Groin Protector Soft Ballistic Inserts | ✓ | |
| Lower Back Protector Outershell | | ✓ |
| Lower Back Protector Ballistic Insert | ✓ | |
| Deltoid Protector Outershell | | ✓ |
| Deltoid Protector Soft Ballistic Inserts | ✓ | |

CONVERSION – CONTINUED**NOTE**

Components of the old carrier may be cannibalized for future repairs to other vests if they are serviceable.

3. Keep components in the “save” column and discard components in the “discard” column.
4. Inspect ballistic inserts IAW WP 0010. If ballistics pass inspection, go to step 5.
5. Reassemble vest IAW WP 0009 using ballistic inserts from step 3 and new conversion kit components.
6. Verify assembly IAW WP 0009.

END OF TASK**END OF WORK PACKAGE**

**SUSTAINMENT MAINTENANCE
CLEANING AND DRYING
SERVICE**

INITIAL SETUP:**Tools and Special Tools**

Washer: High Extract (300 G), 65-lb (dry) capacity, solid mount computer-controlled wet clean system, Wascomat® Model EXSM-230C or equivalent (WP 0047, Item 18)
 Dryer: Wascomat® Model TD75 RMC or equivalent (WP 0047, Item 2)
 Temperature Measuring Instrument (70 °F – 200 °F capability, 1 °F accuracy) (WP 0047, Item 16)
 Textile Fabric Moisture Analyzer (0% – 15% moisture capability, 1% accuracy) (WP 0047, Item 17)

Personnel Required

Non-MOS Specific

Equipment Condition**Materials/Parts**

Lanadol® Avant® Detergent (WP 0046, Item 5)
 Lanadol® Aktiv® Detergent (WP 0046, Item 4)
 Perforated Laundry Bag (WP 0046, Item 13)
 Laundry ID Tags or Wash-resistant Bar Code Label (human readable) (WP 0046, Item 6)
 Ventilated Plastic Bag for Storing Cleaned IOTV Components (WP 0046, Item 16)
 Plastic Bag for Storing Soft Ballistic Inserts (WP 0046, Item 14)

References

WP 0004
 WP 0009

SERVICE**NOTE**









Universal Side Plate Carrier (IOTV Gen II) is not machine washable. Hand wash Universal Side Plate Carrier IAW WP 0004.

The IOTV and IOTV Gen II consists of 15 to 16 individual component of which, 10 to 11 of the components are machine-washable using the instructions outlined below. All components of the IOTV and IOTV Gen II are interchangeable. It is possible to have a left side plate carrier with a universal side plate carrier with universal side plate pouch.

The remaining five components consist of the soft ballistic inserts and the quick release cable. None of these items may be machine washed. The laundry procedures outlined below apply to the items marked "Yes" in the Washable column in Table 1. Locations of pin tracking ID tag or label are indicated by a circle.









SERVICE – CONTINUED

Table 1. IOTV Components.

| Item # | Picture | | Data Label Item Name | Washable |
|--------|---|--|----------------------|----------|
| | Exterior | Interior | | |
| 1 |  |  | IOTV Front Carrier | Yes |
| |  |  | | |
| OR | | | | |
| 2 |  |  | IOTV Back Carrier | Yes |
| |  |  | | |
| OR | | | | |







SERVICE – CONTINUED

Table 1. IOTV Components – Continued.

| Item # | Picture | | Data Label Item Name | Washable |
|--------|---|--|---|----------|
| | Exterior | Interior | | |
| 3 |  |  | Right External Side Plate Carrier | Yes |
| | OR | | | |
| |  |  | Universal Side Plate Carrier – FQ/PD 04-05 D/E | |
| | AND | AND | AND Universal Side Plate Pouch – FQ/PD 04-05 D/E | |
| 4 |  |  | Left External Side Plate Carrier | Yes |
| | OR | | | |
| |  |  | Universal Side Plate Carrier – FQ/PD 04-05 D/E | |
| | AND | AND | AND Universal Side Plate Pouch – FQ/PD 04-05 D/E | |








SERVICE – CONTINUED

Table 1. IOTV Components – Continued.

| Item # | Picture | | Data Label Item Name | Washable |
|--------|--|---|--|----------|
| | Exterior | Interior | | |
| 5 |  |  | Right Internal Waistband | Yes |
| | OR | | Right Internal Waistband – FQ/PD 04-05 D/E | |
| 6 |  |  | Left Internal Waistband | Yes |
| | OR | | Left Internal Waistband – FQ/PD 04-05 D/E | |
| 7 |  |  | Front Yoke/Collar Assembly | Yes |
| | OR | | Front Yoke/Collar Assembly – FQ/PD 04-05 D/E | |









SERVICE – CONTINUED

Table 1. IOTV Components – Continued.

| Item # | Picture | | Data Label Item Name | Washable |
|--------|---|---|--|----------|
| | Exterior | Interior | | |
| 8 |  |  | Yoke and Collar, Front and Rear or Yoke and Collar, Front and Rear – FQ/PD 04-05 D | |
| | OR | | | |
| |  | | Yoke and Collar, Front and Rear – FQ/PD 04-05 E | Yes |
| 9 |  |  | Groin Protector Outershell | |
| | OR | | | |
| |  |  | Groin Protector Outershell – FQ/PD 04-05 D | Yes |









SERVICE – CONTINUED

Table 1. IOTV Components – Continued.

| Item # | Picture | | Data Label Item Name | Washable |
|--------|---|--|---|----------|
| | Exterior | Interior | | |
| 10 |  |  | Lower Back Protector Outershell | Yes |
| |  |  | Lower Back Protector Outershell – FQ/PD 04-05 D/E | |
| 11 |  |  | Front Ballistic Insert | No |
| |  |  | Back Ballistic Insert | |

SERVICE – CONTINUED

Table 1. IOTV Components – Continued.

| Item # | Picture | | Data Label Item Name | Washable |
|-----------------|---|--|---|----------|
| | Exterior | Interior | | |
| 13 |  |  | Lower Back Protector Ballistic Insert | No |
| 14 |  |  | Groin Protector Ballistic Insert | No |
| 15 |  |  | Cable Release Assembly | No |
| |  |  | Cable Release Assembly – FQ/PD 04-05 D/E | |
| OR | | | | |
| LEGEND: | | | | |
| Black Circle – | | Indicates recommended location to pin tracking ID tag or label. Pin to MOLLE straps at mark. | | |
| Black Triangle– | | Indicates recommended location to place adhesive-backed ID tracking label. | | |

SERVICE – CONTINUED**WARNING**

Wear suitable protective gloves and personal protective equipment when handling soiled IOTVs.

NOTE

It is recommended that all component parts of an IOTV are tracked throughout the cleaning process so they can be reassembled properly. Tracking individual components and ballistic inserts will minimize risk of improper re-assembly and functionality.

Disassembly**NOTE**

The only parts not to be cleaned are the soft ballistic inserts.

1. Lay the IOTV or IOTV Gen II on a flat surface with front carrier facing up (Figure 1).



Figure 1. IOTV Front

2. Lift the front flap open and unhook the left and right external side plate carriers (Figure 2).

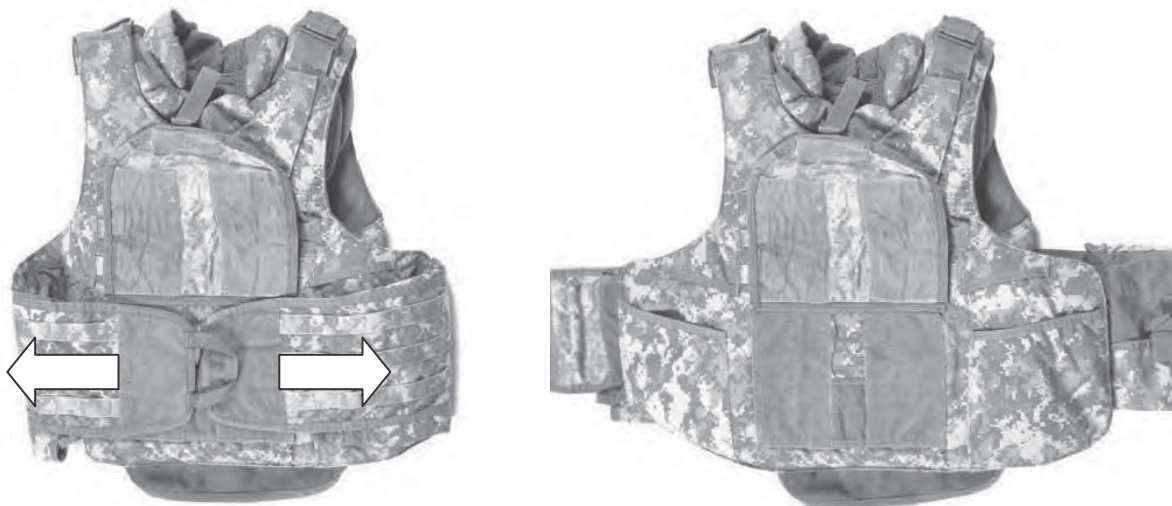


Figure 2. Opening Front Flap.

SERVICE – CONTINUED

3. Lay the front and back carriers open with the shoulder straps still attached and with the data labels facing up (Figure 3).



Figure 3. Front and Rear Carrier Open.

4. Unhook the left and right internal waistbands from each other (Figure 4).

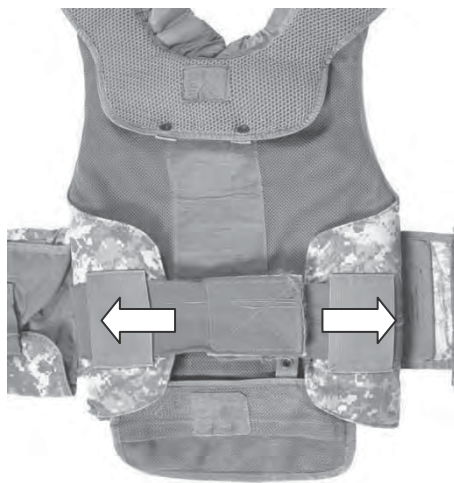


Figure 4. Disconnect Hook and Loop on Internal Waistbands.

SERVICE – CONTINUED

5. Remove soft ballistic inserts from lower back and groin protector assemblies (if applicable) by separating the hook and loop fasteners on their respective carriers (Figure 5).

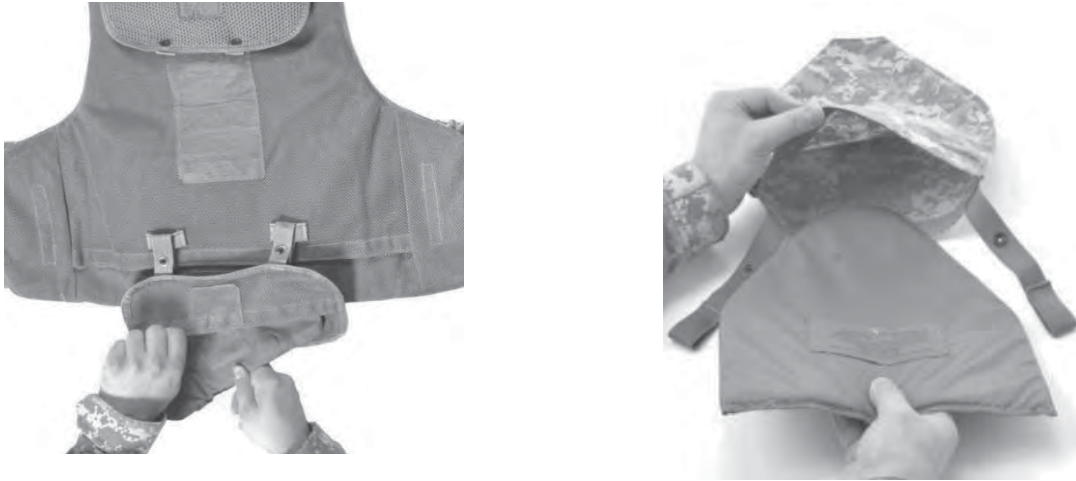


Figure 5. Removing Lower Back Protector and Groin Protector Soft Ballistic Inserts.

6. Open the hook and loop seam on the inside of the front carrier and remove ballistic insert from the front carrier (Figure 6).



Figure 6. Removing Ballistic Inserts from Front Carrier.

SERVICE – CONTINUED

7. Similarly open the hook and pile seam on the inside of the back carrier and remove ballistic insert from the back carrier (Figure 7).



Figure 7. Removing Ballistic Inserts from Back Carrier.

8. Connect the left and right internal waistbands together (Figure 8).



Figure 8. Connect Hook and Loop on Internal Waistbands.

SERVICE – CONTINUED

9. Fold the front and back carriers together, lift up the front flap and connect the left and right side plate carriers (Figure 9).



Figure 9. Front Carrier with Flap Open, Hook Side Plate Carriers.

10. Identify the IOTV garment (i.e. IOTV without the ballistic inserts) by pinning an ID label at the locations on the front and back carrier as shown (Figure 10).



Figure 10. ID Label Locations.

11. Cover the exposed hook surface on the front and back flaps with pieces of loop tape so as to prevent them from abrading other components during the subsequent wash and dry cycles.

SERVICE – CONTINUED

12. Remove the quick release cable completely (Figure 11).



Figure 11. Pull and Remove Quick Release Assembly.

13. The IOTV will now be separated into two main parts:

- Front Carrier, Side Plate Carriers hooked on to Front Carrier, Front Yoke and Collar, and Groin Protector (if applicable).
- Back Carrier, Internal Waistbands hook and loop to each other in front and one Internal Waistband attached to Back Carrier, Rear Yoke and Collar, and Lower Back Protector.

14. Place the removed ballistic inserts (Lower Back Protector, Groin Protector, Front and Back Ballistic Inserts) and quick release assembly in an appropriate container and identify the container with an ID label so that the content can be traced back to the original IOTV garment for reassembly after cleaning.

END OF TASK

SERVICE – CONTINUED**Preparation for Cleaning**

1. If not already done, disassemble IOTV/IOTV Gen II.
2. Inventory IOTV/IOTV Gen II, ensuring all parts listed in Table 1 are present.
3. Record the size, manufacturer and lot number of each IOTV/IOTV Gen II garment.

CAUTION

Do not pin or puncture any soft ballistic armor. Pins for ID tags shall only be placed on the MOLLE webbing and not through the nylon fabric.

NOTE

Laundry ID tags or labels shall be pinned to the washable IOTV/IOTV Gen II components and cable release assembly. An adhesive-backed ID label shall be used for soft ballistic inserts.

4. Affix a traceable laundry ID tag or wash-resistant ID label with appropriate tracking information (i.e. information which can allow complete traceability to the original IOTV, customer order and any item information which might be provided with the order by the customer) on the webbing pull straps on the Front and Back Carriers at locations shown in Table 1.
5. Place all soft ballistic inserts and quick release cable (Table 1, Items 11 through 15) in a plastic bag, store the bag in an appropriate container and set aside until after wash. Each container shall hold the soft ballistic inserts of only one IOTV garment. Identify the plastic bag/container with a bad code label tracking the contents with the corresponding outer shell components.
6. Inspect all washable components (Table 1, Items 1 through 10) for damage, defects, heavy soiling and stains. Note any damage or defects.
7. Wet the heavily stained and soiled areas with the undiluted spot cleaning solution (Lanadol® Avant®).
8. Check to ensure that the yoke and collar assemblies, internal elastic waist bands, side plate carriers, lower back protector carrier, groin protector carrier, front and back carriers are securely attached and any exposed hook surfaces on the front and back carriers are covered with a dummy pile tape.

END OF TASK**Washing Procedures****NOTE**

The cleaning conditions below are based on the Wascomat® Model EXSM-230C washer.

Do not overload the wash cylinder. Do not exceed 62% of the rated capacity of the machine.

The maximum load for a typical 65-lb wash machine is seven (7) X-Small or Small IOTVs, six (6) Medium, Medium Long, Large, Large Long, X-Large, X-Large Long or 2X-Large IOTVs, five (5) 3X-Large or 4X Large IOTVs.

Wash IOTVs using the Wascomat® Model EXSM-230C washer or an equivalent computer-controlled, wet cleaning machine, using settings listed in Table 2 and detergents listed in Table 3.

SERVICE – CONTINUED

Table 2. Process Cycle Program.

| Step | Process Description | Time |
|------|---|-------|
| 0 | Head | |
| | • Buzzer at Program End | On |
| | • Motor Gentle Action On Time | 00:05 |
| | • Motor Gentle Action Off Time | 00:10 |
| | • Motor Normal Action On Time | 00:10 |
| | • Motor Normal Action Off Time | 00:05 |
| 1 | Prewash (1) | |
| | • Wash Time (min:sec) | 08:00 |
| | • Temperature (°C) | 40 |
| | • Temperature Hystereses (°C) | 4 |
| | • Second Fill Level (Scale Units) | 110 |
| | • Level Hystereses (Scale Units) | 20 |
| | • Cold Water | On |
| | • Hot Water | On |
| | • Fill Gentle | On |
| | • Heat Gentle | On |
| | • Wash Normal | On |
| | • Motor Speed During Filling (RPM) | 20 |
| | • Motor Speed During Heating (RPM) | 20 |
| | • Motor Speed During Wash (RPM) | 30 |
| | • Motor Acceleration (RPM/sec) | 20 |
| | • Detergent Signal 3 (Avant® @4 ml/sec) | 01:30 |
| 2 | Drain (1) | |
| | • Motor Normal | On |
| | • Drain Normal | On |
| | • Drain Time (min:sec) | 1:00 |
| | • Motor Speed During Drain Time (RPM) | 41 |
| | • Motor Acceleration During Drain (RPM/sec) | 20 |
| 3 | Main Wash (1) | |
| | • Wash Time (min:sec) | 10:00 |
| | • Temperature (°C) | 40 |
| | • Temperature Hystereses (°C) | 4 |
| | • Second Fill Level (Scale Units) | 110 |

SERVICE – CONTINUED

Table 2. Process Cycle Program – Continued.

| Step | Process Description | Time |
|------|---|-------|
| | <ul style="list-style-type: none"> Level Hystereses (Scale Units) | 20 |
| | <ul style="list-style-type: none"> Cold Water | On |
| | <ul style="list-style-type: none"> Hot Water | On |
| | <ul style="list-style-type: none"> Fill Gentle | On |
| | <ul style="list-style-type: none"> Heat Gentle | On |
| | <ul style="list-style-type: none"> Wash Normal | On |
| | <ul style="list-style-type: none"> Motor Speed During Filling (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Heating (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Wash (RPM) | 30 |
| | <ul style="list-style-type: none"> Motor Acceleration (RPM/sec) | 20 |
| | <ul style="list-style-type: none"> Detergent Signal 1 (Aktiv® @4ml/sec) | 01:00 |
| | <ul style="list-style-type: none"> Detergent Signal 3 (Avant® @4ml/sec) | 00:30 |
| 4 | Drain (2) | |
| | <ul style="list-style-type: none"> Motor Normal | On |
| | <ul style="list-style-type: none"> Drain Normal | On |
| | <ul style="list-style-type: none"> Drain Time (min:sec) | 00:40 |
| | <ul style="list-style-type: none"> Motor Speed During Drain Time (RPM) | 41 |
| | <ul style="list-style-type: none"> Motor Acceleration During Drain (RPM/sec) | 20 |
| 5 | Spin (1) | |
| | <ul style="list-style-type: none"> Drain Normal | On |
| | 1. Extract Time (min:sec) | 00:30 |
| | 2. Extract Speed (RPM) | 400 |
| 6 | Rinse (1) | |
| | <ul style="list-style-type: none"> Wash Time (min:sec) | 02:00 |
| | <ul style="list-style-type: none"> Temperature (°C) | 40 |
| | <ul style="list-style-type: none"> Temperature Hystereses (°C) | 4 |
| | <ul style="list-style-type: none"> Second Fill Level (Scale Units) | 141 |
| | <ul style="list-style-type: none"> Level Hystereses (Scale Units) | 30 |
| | <ul style="list-style-type: none"> Cold Water | On |
| | <ul style="list-style-type: none"> Hot Water | On |
| | <ul style="list-style-type: none"> Fill Gentle | On |
| | <ul style="list-style-type: none"> Heat Gentle | On |

SERVICE – CONTINUED

Table 2. Process Cycle Program – Continued.

| Step | Process Description | Time |
|------|---|-------|
| | <ul style="list-style-type: none"> Wash Normal | On |
| | <ul style="list-style-type: none"> Motor Speed During Filling (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Heating (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Wash (RPM) | 30 |
| | <ul style="list-style-type: none"> Motor Acceleration (RPM/sec) | 20 |
| 7 | Drain (3) | |
| | <ul style="list-style-type: none"> Motor Normal | On |
| | <ul style="list-style-type: none"> Drain Normal | On |
| | <ul style="list-style-type: none"> Drain Time (min:sec) | 00:40 |
| | <ul style="list-style-type: none"> Distribution Time (min:sec) | 00:10 |
| | <ul style="list-style-type: none"> Motor Speed During Drain Time (RPM) | 41 |
| | <ul style="list-style-type: none"> Motor Acceleration During Drain (RPM/sec) | 20 |
| 8 | Spin (2) | |
| | <ul style="list-style-type: none"> Drain Normal | On |
| | <ul style="list-style-type: none"> Extract Time (min:sec) | 00:30 |
| | <ul style="list-style-type: none"> Extract Speed (RPM) | 400 |
| 9 | Rinse Repeat (1) | |
| | <ul style="list-style-type: none"> Wash Time (min:sec) | 01:00 |
| | <ul style="list-style-type: none"> Temperature (°C) | 40 |
| | <ul style="list-style-type: none"> Temperature Hystereses (°C) | 4 |
| | <ul style="list-style-type: none"> Second Fill Level (Scale Units) | 141 |
| | <ul style="list-style-type: none"> Level Hystereses (Scale Units) | 30 |
| | <ul style="list-style-type: none"> Cold Water | On |
| | <ul style="list-style-type: none"> Hot Water | On |
| | <ul style="list-style-type: none"> Fill Gentle | On |
| | <ul style="list-style-type: none"> Heat Gentle | On |
| | <ul style="list-style-type: none"> Wash Normal | On |
| | <ul style="list-style-type: none"> Motor Speed During Filling (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Heating (RPM) | 20 |
| | <ul style="list-style-type: none"> Motor Speed During Wash (RPM) | 30 |
| | <ul style="list-style-type: none"> Motor Acceleration (RPM/sec) | 20 |

SERVICE – CONTINUED

Table 2. Process Cycle Program – Continued.

| Step | Process Description | Time |
|------|---|-------|
| 10 | Drain (4) | |
| | • Motor Gentle | On |
| | • Drain Normal | On |
| | • Drain Time (min:sec) | 01:00 |
| | • Distribution Time (min:sec) | 00:20 |
| | • Motor Speed During Drain Time (RPM) | 41 |
| | • Motor Acceleration During Drain (RPM/sec) | 20 |
| 11 | Spin (3) | |
| | • Drain Normal | On |
| | • Extract Time (min:sec) | 00:30 |
| | • Extract Speed (RPM) | 690 |
| 12 | End | |

Table 3. Approved Detergents.

| Manufacturer | Product Trade Name | Function | Application Stage | Amount |
|-------------------|--------------------|--------------------|---|----------------------------|
| Kreussler Company | Lanadol® Avant® | Pre-spotting Agent | <ul style="list-style-type: none"> • Prewash • Main Wash (1) • Main Wash (2) | 360 ml 120 ml 120 ml |
| | Lanadol® Aktiv® | Detergent | <ul style="list-style-type: none"> • Main Wash | 240 ml |

Drying

CAUTION

Overheating and over-drying will result in damage to the IOTV that may not be readily apparent. Follow all directions carefully. The dryer must have proper temperature and residual moisture controls to assure conformance to the process and finished product specifications.

NOTE

Do not load dryer to more than 80% of rated capacity. The maximum load for a typical 75-lb drying machine is ten (10) Small or X-Small IOTVs, nine (9) Medium, Medium Long, Large, Large Long, X-Large, X-Large Long, 2X-Large IOTVs, eight (8) 3X-Large or 4X-Large IOTVs.

1. Dry the IOTVs in a drying machine capable of detecting the amount of residual moisture in the garment and automatically stopping the drying cycle when the garments reach the desirable residual moisture content (Wascomat® model TD75RMC or equivalent). The process conditions for the drying machine are located in Table 4.
2. Upon completion of drying cycle, check the garment components for residual moisture level and temperature. Do not over-dry or over-heat the garment.

SERVICE – CONTINUED

3. If residual moisture level is higher than the desirable range in Table 4, extend the drying cycle time in small increments until the desirable residual moisture conditions are met.

Table 4. Drying Process Conditions.

| Condition | Setting/Measurement |
|---------------------------------|---------------------|
| Garment Residual Moisture Level | 5 - 7% |
| Maximum Air Temperature | 180 °F |
| Maximum Garment Temperature | 110 °F |
| Approximate Cycle Time | 25 minutes |

Post-Cleaning Inspection

1. Inspect IOTV components for cleanliness.
2. If any of the components is not sufficiently cleaned (best commercial practices), repeat the cleaning and drying process.
3. If IOTV components are clean, allow items to acclimate to a dehumidified climate controlled environment (90+/-2 degrees F and less than 28% RH) until the residual moisture in the materials is no more than 1%.
4. Once acclimated, regroup the clean washed components with the corresponding soft ballistic inserts and quick release cables that were previously set aside.
5. Check ID tag/label for each component and ballistic inserts to ensure that all items match to the original IOTV.
6. Inventory all items in accordance with Table 1 to make sure there is no missing part. Note any discrepancies with inventory taken prior to washing.

END OF TASK

Assembly

Assemble, rework and inspect IOTV IAW WP 0009 and then package in accordance with Packaging section. Do not reassemble any damaged or defective soft ballistic inserts back in the carriers; return the discrepant soft ballistic by placing it between the front and back carriers.

END OF TASK

Packaging

1. Place the assembled and inspected IOTV in a separate, ventilated plastic bag.
2. Insert in each bag the inspection record identifying any non-conforming, damaged or missing component and/or defective conditions of the IOTV.
3. Identify the ventilated bag of IOTV with a label containing the lot/serial code that is traceable to the specific customer order and any item information which might be provided with the order.
4. Return the cleaned IOTVs in the ventilated plastic bag to customer per order requirement.

END OF TASK

END OF WORK PACKAGE

**SUSTAINMENT MAINTENANCE
MARKING AND STENCILING
REPAIR**

INITIAL SETUP:**Tools and Special Tools****Personnel Required**

CIF

Materials/Parts**Equipment Condition**

Marker, Felt Tip, Black, Permanent (WP 0046, Item 7)
Pen, Ball Point (WP 0046, Item 11)

REPAIR

All components of the Interceptor Body Armor System, except for hard armor protective inserts, may be re-marked or re-stenciled. If possible, new labels should be manufactured IAW Tables 4 through 6, and sewn to the component for all components except soft ballistics inserts, yoke/collar assemblies, front yoke assembly and throat protector assembly. If a data label is missing and the size of the component is unknown, follow these procedures to determine size prior to re-marking.

Determining Size of Component When Data Label is Missing**OTV Assembly**

1. Lay OTV on a flat surface with interior fabric facing up.

NOTE

Linear measurements are taken in a flat, relaxed state with a metal measuring device and measurements taken to the nearest 1/16 inch.

2. With the vest properly fastened and turned inside out, measure the combined width at the widest point below the lower armhole opening, edge to edge. This is the chest measurement.
3. Measure the length of the front center panel.
4. Measure the length of the back. The back waist length shall be taken on a straight line from the center of the back from the top edge of the base vest neckline (center back) to the bottom edge of the shell.
5. Find the measurements from steps 2 through 4 in Table 1 to determine size.
6. Sew new data label on interior of vest.

REPAIR – CONTINUED

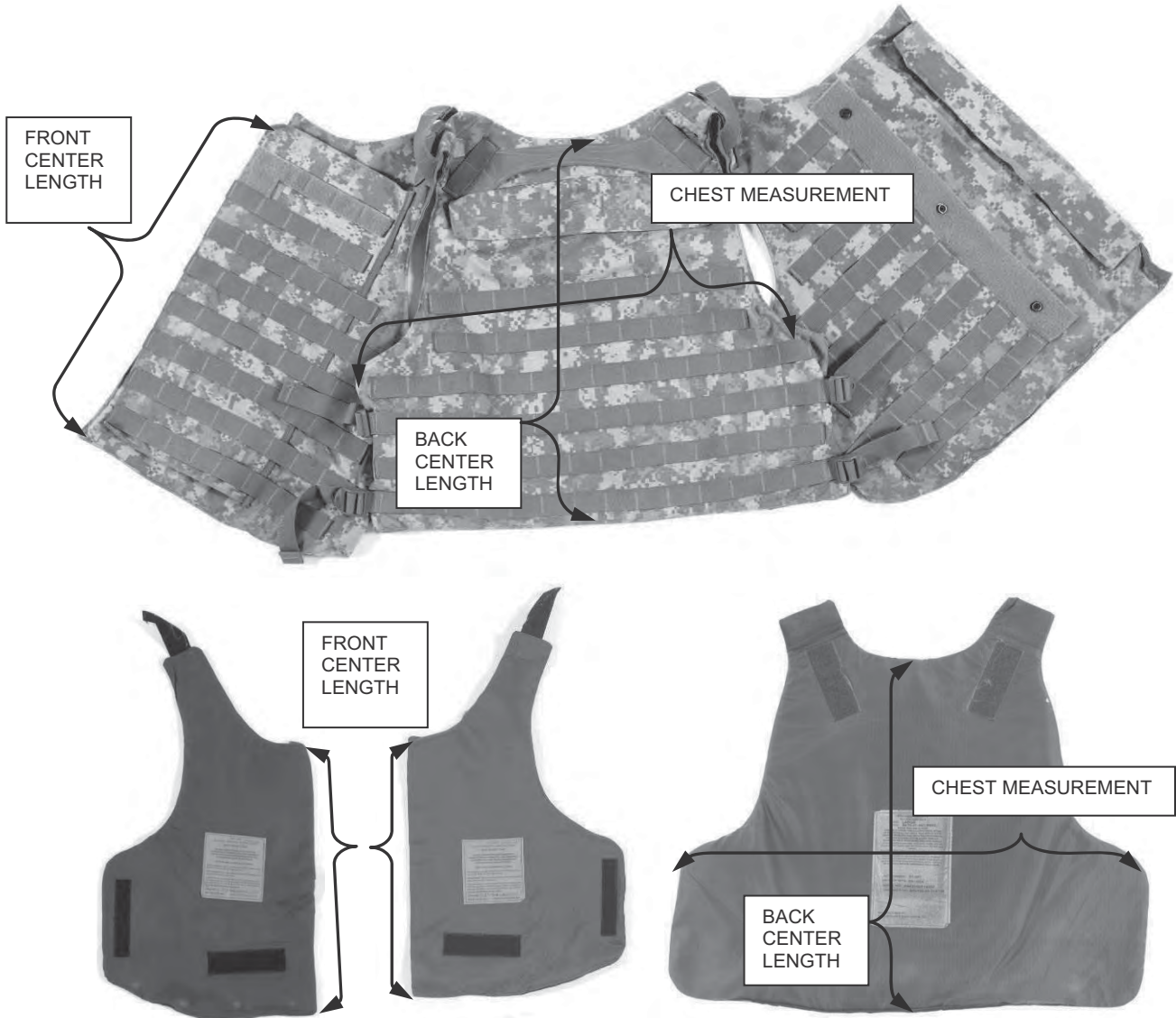


Figure 1. OTV Vest Sizing.

Table 1. OTV Vest Sizing

| Chest Measurement (± ½ Inch) | Front & Center Length (± ½ Inch) | OTV Size |
|---------------------------------|-------------------------------------|----------|
| 22 ¼ | 17 | XS |
| 23 ¼ | 17 ¼ | S |
| 24 ¼ | 17 ¾ | M |
| 26 ¼ | 18 ½ | L |
| 28 ¼ | 19 ¼ | XL |
| 30 ¼ | 20 | 2XL |
| 32 ¼ | 20 ¾ | 3XL |
| 34 ¼ | 21 ¼ | 4XL |

REPAIR – CONTINUED

IOTV/IOTV Gen II Front Carrier Measurements

NOTE

Front and back center measurements are taken along the center line by holding the garment taut with a metal measuring device and measurements taken to the nearest 1/16 inch.

1. Lay the front carrier on a flat surface with the exterior fabric facing up.
2. Holding the garment taut and using a metal measuring device, measure the distance on a straight line from the center of the back from the top edge of the base vest neckline (center front and back) to the bottom edge of the shell.
3. Measure the width of the carrier at the widest point below the lower armhole opening, edge to edge.
4. Find the measurements from steps 2 and 3 in Table 2 to determine size of front carrier.
5. Sew new data label on interior of vest.
6. Repeat steps 1-5 for rear carrier using Table 2 to determine size of rear carrier.



Figure 2. IOTV/IOTV Gen II Front and Back Carrier Measurements.

Table 2. IOTV/IOTV Gen II Sizing Chart.

| Front Center Length ± 1/2" | Front Width ± 1/2" | Back Center Length ± 1/2" | Back Width ± 1/2" | IOTV Size |
|----------------------------|--------------------|---------------------------|-------------------|-----------|
| 17 1/4 | 25 1/8 | 18 3/4 | 24 3/8 | XS |
| 17 1/2 | 26 1/8 | 19 | 25 1/4 | S |
| 18 | 27 1/8 | 19 1/2 | 27 1/4 | M |
| 19 | 27 1/4 | 20 1/2 | 27 1/4 | ML |
| 18 3/4 | 29 1/8 | 20 1/4 | 29 1/4 | L |
| 19 3/4 | 29 1/8 | 21 1/4 | 29 3/8 | LL |
| 19 1/2 | 31 1/8 | 21 | 31 1/4 | XL |
| 20 1/2 | 31 1/8 | 22 | 31 3/8 | XLL |
| 21 1/2 | 33 | 23 | 33 3/8 | 2XL |
| 22 1/2 | 34 7/8 | 24 | 35 3/8 | 3XL |
| 23 1/2 | 36 7/8 | 25 | 37 1/2 | 4XL |

END OF TASK

REPAIR – CONTINUED

Cable Release Assembly

1. Measure distance from crimped cable sleeve to the end of the short cable.
2. Measure distance from crimped cable sleeve to the end of the long cable.
3. Refer to table 3 for proper sizing.
4. Install new label.

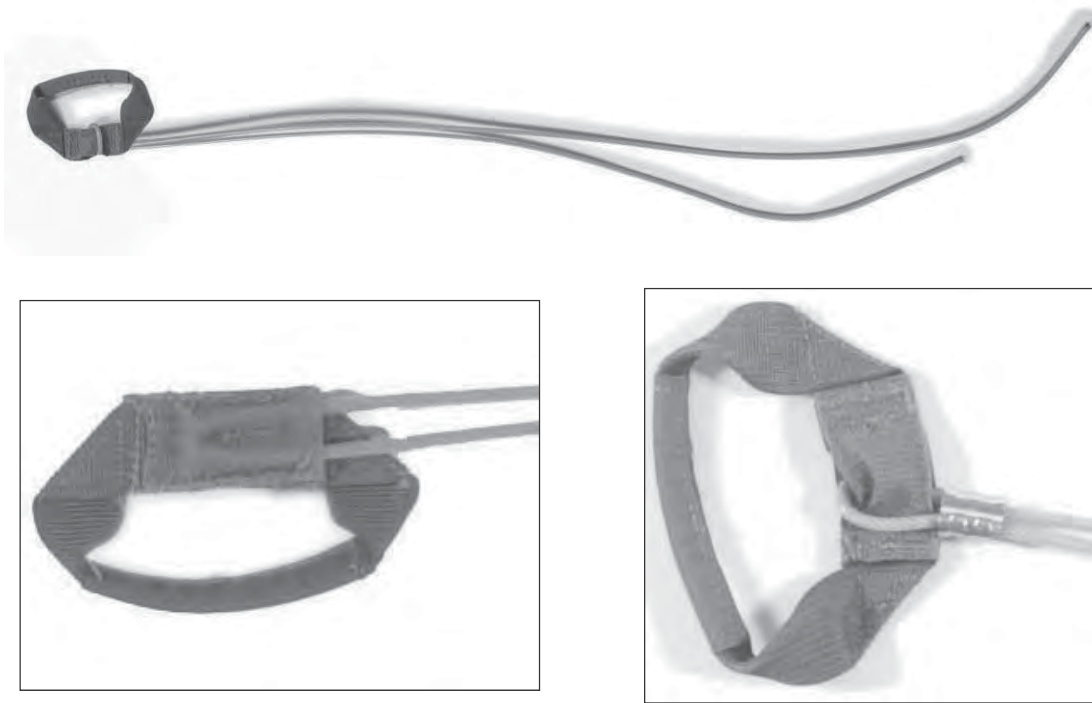


Figure 3. Cable Release Assembly.

Table 3. Cable Release Assembly Sizing.

| Short Cable Length | Long Cable Length | Vest Size |
|--------------------------------|--------------------------------|-----------|
| 24 ³ / ₄ | 30 ³ / ₄ | XS – S |
| 25 ³ / ₄ | 31 ³ / ₄ | M – LL |
| 26 ³ / ₄ | 32 ³ / ₄ | XL – XLL |
| 27 ³ / ₄ | 34 ³ / ₄ | 2XL – 4XL |

END OF TASK

REPAIR – CONTINUED**NOTE**

Stenciling should be used whenever possible. A ball point pen or permanent felt tip marker should be used only where stenciling is not possible, or when stenciling devices are not available. Any type ball point pen using black or blue ink may be used for marking on labels only.

Original stenciled data or marking that becomes faded, illegible, obliterated, or removed as a result of performing a repair procedure, will be remarked with a ball point pen, permanent felt tip marker, or re-stenciled with parachute marking ink. All marking or re-stenciling will be done on, or as near as possible to, the original location and should conform to the original lettering type and size.

Marking

Using marking devices, such as a ball point pen or permanent felt tip marker, mark on, or as near as possible to, the original location and conform to the original lettering type and size.

Stenciling

Proceed as follows:

1. Cut oiled stencil board to match the original lettering type and size of data to be re-stenciled.
2. Place cut stencil board over, or as near as possible to, the original marking to be re-stenciled.
3. Place an additional sheet of stencil board beneath the area to be re-stenciled to prevent the marking ink from penetrating to other areas.
4. With the stencil board in place and, using the stenciling brush filled with parachute marking ink, re-stencil the original marking as shown in Table 1.

REPAIR – CONTINUED

Table 4. OTV Label Information.

| Label Information |
|---|
| <p>BODY ARMOR "INTERCEPTOR" BASE VEST CARRIER SIZE NSN: XXXX-XX-XXX-XXXX</p> <p>THE INTERCEPTOR OUTER TACTICAL VEST (OTV) WITH ALL SOFT BALLISTIC PANELS INSTALLED PROVIDES PROTECTION FROM FRAGMENTATION AND 9 MM SUBMACHINE GUN OR LESSER THREATS. THIS VEST DOES NOT PROTECT AGAINST KNIVES OR SHARP OBJECTS</p> <p>DO NOT MACHINE WASH OR DRY. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL DAMAGE THE VEST'S PROTECTIVE CAPABILITY.</p> <p>CLEANING INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Remove dirt from outer surface with a cloth or soft bristle brush. 2. Remove all ballistic panels and the Small Arms Protective Inserts (SAPI) from the outer shell and the component carriers. Soft ballistic Panels are ONLY to be cleaned by removing loose dirt from the surface and wiping clean with a moistened cloth or a soft bristle brush. Avoid submerging the panels in water; DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT! Apply solvents to the ballistic panels! If the ballistic panels become wet allow them to air dry flat away from heat sources and out of direct sunlight. If the ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, turn them in for replacement as soon as possible. 3. Hand wash the OTV base vest and component outer shells only in cold water with soap or a very mild detergent. DO NOT USE CAUSTIC CLEANERS, CHLORINE BLEACH, YELLOW SOAP, CLEANING FLUIDS OR SOLVENTS, WHICH WILL DISCOLOR AND DETERIORATE THE ITEMS! 4. Rinse the outer shells very thoroughly in clean water to wash out the soap. 5. Air-dry indoors, or in the shade, AWAY FROM HEAT SOURCES. 6. DO NOT ATTEMPT TO DYE THE ITEM OR FIX DISCOLORATIONS. <p>TURN IN YOUR ITEMS IF:</p> <ol style="list-style-type: none"> 1. Frags or bullets have hit them. 2. The outer cover is torn or damaged beyond field repair. 3. The Velcro cannot be closed completely or repaired. 4. The webbing is torn or damaged beyond repair. 5. The items cannot be adequately cleaned, or are badly discolored. 6. The items have open seams or broken components. <p>REFER TO USE & CARE MANUAL FOR THE PROPER USE OF THIS BALLISTIC PROTECTIVE SYSTEM, REPAIR PROCEDURES & RECORDING OF HITS.</p> <p>LOT NUMBER DATE OF MFG. VEST SERIAL #: CONTRACT # MANUFACTURED BY:</p> |
| <p>BODY ARMOR INTERCEPTOR - BALLISTIC PANEL, *LEFT FRONT SIZE: NSN: XXXX-XX-XXX-XXXX</p> <p>INSERT THIS SIDE TO BODY</p> <p>FAILURE TO INSERT THIS BALLISTIC PANEL IN THE INTERCEPTOR OTV OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PERFORMANCE FROM FRAGMENTATION AND 9MM SUBMACHINE GUN OR LESSER THREATS</p> <p>DO NOT LAUNDER BALLISTIC PANELS.</p> <p>Avoid submerging in water. DO NOT bleach. DO NOT Machine Wash DO NOT Dry Clean. DO NOT apply solvents.</p> <p>FOR CLEANING: ONLY Remove loose dirt from surface and wipe clean With a moistened cloth or soft brush.</p> <p>If Ballistic Panels become wet allow to air dry in a flat position away From heat sources and out of direct sunlight. If ballistic panel becomes Saturated with liquids such as gasoline, bleach or other lubricants, Turn in for replacement as soon as possible</p> <p>LOT NUMBER DATE OF MFG. SERIAL NO. CONTRACT # MANUFACTURED BY:</p> |

*Above label to be used with ballistic panels left and right, imprint left or right where applicable.

REPAIR – CONTINUED

Table 4. OTV Label Information – Continued.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>BODY ARMOR, INTERCEPTOR, BALLISTIC PANEL, BACK SIZE NSN XXXX-XX-XXX-XXXX</p> <p>INSERT THIS SIDE TO BODY</p> <p>FAILURE TO INSERT THIS BALLISTIC PROTECTIVE PANEL IN THE OUTER TACTICAL VEST SHELL WILL RESULT IN THE ABSENCE OF PROTECTION FROM FRAGMENTATION & 9 MM SUB-MACHINE GUN OR LESSER THREATS!</p> <p>DO NOT MACHINE WASH OR DRY BALLISTIC PANELS!</p> <p>Avoid submerging in wash water. Avoid caustic cleaners, DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents!</p> <p>CLEANING: ONLY remove loose dirt from surface & wipe clean with a moistened cloth or soft bristle brush. When Ballistic Panels become wet allow to air dry in a flat position away from heat sources & out of direct sunlight. If Ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils, or lubricants, turn-in for replacement as soon as possible.</p> <p>LOT NUMBER DATE OF MFG. SERIAL # CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>BODY ARMOR, INTERCEPTOR, BALLISTIC PANEL, COLLAR *RIGHT SIZE NSN XXXX-XX-XXX-XXXX</p> <p>INSERT THIS SIDE TO BODY</p> <p>FAILURE TO INSERT THIS BALLISTIC PANEL IN THE COLLAR ASSEMBLY OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PROTECTION.</p> <p><small>Refer to the OTV outershell Label for cleaning and maintenance instructions.</small></p> <p>LOT NO. DATE OF MFG SERIAL NO. CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>BODY ARMOR, INTERCEPTOR, YOKE AND COLLAR OUTERSHELL SIZE NSN XXXX-XX-XXX-XXXX</p> <p>THIS SIDE TO BODY</p> <p><small>Refer to the OTV outershell Label for cleaning and maintenance instructions.</small></p> <p>LOT NO. DATE OF MFG SERIAL NO. CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>BODY ARMOR, INTERCEPTOR, BALLISTIC PANEL THROAT PROTECTOR NSN XXXX-XX-XXX-XXXX</p> <p>INSERT THIS SIDE TO BODY</p> <p>FAILURE TO INSERT THIS BALLISTIC PANEL IN THE COLLAR ASSEMBLY OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PROTECTION.</p> <p><small>Refer to the OTV outershell Label for cleaning and maintenance instructions.</small></p> <p>LOT NO. DATE OF MFG SERIAL NO. CONTRACT # MANUFACTURED BY:</p> </div> | |

*Above label to be used with ballistic panels left and right, imprint left or right where applicable.

REPAIR – CONTINUED

Table 4. OTV Label Information – Continued.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">BODY ARMOR, INTERCEPTOR, THROAT PROTECTOR OUTERSHELL NSN XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">Refer to the OTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NO. DATE OF MFG SERIAL NO. CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">BODY ARMOR, INTERCEPTOR, BALLISTIC PANEL, GROIN PROTECTOR SIZE: NSN:XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine Wash. DO NOT dry clean. DO NOT apply solvents. Refer to OTV Outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER DATE OF MFG. SERIAL # CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">BODY AMOR INTERCEPTOR, GROIN PROTECTOR OUTERSHELL SIZE: NSN:XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the OTV.</p> <p style="text-align: center;">Refer to the OTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER DATE OF MFG SERIAL # CONTRACT # MANUFACTURED BY:</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">BODY ARMOR INTERCEPTOR,*AXILLARY (UNDERARM) PROTECTOR OUTERSHELL SIZE: ONE SIZE NSN XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">Refer to the OTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NO. DATE OF MFG SERIAL NO. CONTRACT # MANUFACTURED BY:</p> </div> | |

*Above label to be used with axillary (underarm) and Deltoid (shoulder) protector, where applicable.

REPAIR – CONTINUED

Table 4. OTV Label Information – Continued.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">BODY AMOR INTERCEPTOR, BALLISTIC PANEL AXILLARY (UNDERARM) PROTECTOR SIZE: ONESIZE NSN:XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine Wash. DO NOT dry clean. DO NOT apply solvents. Refer to OTV Outershell Label for cleaning and maintenance instructions.</p> <p style="text-align: center;">Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the OTV.</p> <p style="text-align: center;">Refer to the OTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER DATE OF MFG SERIAL# CONTRACT # MANUFACTURED BY:</p> </div> <p>*Above label to be used with axillary (underarm) and Deltoid (shoulder) protector, ballistic panel, where applicable.</p> | |

REPAIR – CONTINUED

Table 5. IOTV Label Information.

| Label Information | |
|---|--|
| <div data-bbox="396 289 1008 1100" style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST FRONT CARRIER SIZE: NSN:</p> <p>THE IMPROVED OUTER TACTICAL VEST (IOTV) WITH ALL SOFT BALLISTIC PANELS INSTALLED PROVIDES PROTECTION FROM FRAGMENTATION AND 9MM SUBMACHINE GUN OR LESSER THREATS. THIS VEST DOES NOT PROTECT AGAINST KNIVES OR SHARP OBJECTS.</p> <p>DO NOT MACHINE WASH OR DRY. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL DAMAGE THE VEST'S PROTECTIVE CAPABILITY.</p> <p style="text-align: center;">CLEANING INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Remove dirt from outer surface with a cloth or soft bristle brush. 2. Remove all ballistic panels and the Enhanced Small Arms Protective Inserts (ESAPI) and Enhanced Side Ballistic Inserts (ESBI) from the outer shell and the component carriers. Soft ballistic Panels are ONLY to be cleaned by removing loose dirt from the surface and wiping clean with a moistened cloth or a soft bristle brush. Avoid submerging the panels in water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents to the ballistic panels! If the ballistic panels become wet allow them to air dry flat away from heat sources and out of direct sunlight. If the ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, turn them in for replacement as soon as possible. 3. Hand wash the IOTV base vest and component outer shells only in cold water with soap or a very mild detergent. DO NOT USE CAUSTIC CLEANERS, CHLORINE BLEACH, YELLOW SOAP, CLEANING FLUIDS OR SOLVENTS, WHICH WILL DISCOLOR AND DETERIORATE THE ITEMS! 4. Rinse the outer shells very thoroughly in clean water to wash out the soap. 5. Air-dry indoors, or in the shade, AWAY FROM HEAT SOURCES. 6. DO NOT ATTEMPT TO DYE THE ITEM OR FIX DISCOLORATIONS. <p style="text-align: center;">TURN IN YOUR ITEM IF:</p> <ol style="list-style-type: none"> 1. Frags or bullets have hit them. 2. The outer cover is torn or damaged beyond field repair. 3. The hook and loop cannot be closed completely or repaired. 4. The webbing is torn or damaged beyond repair. 5. The items cannot be adequately cleaned, or are badly discolored. 6. The items have open seams or broken components. <p>REFER TO USE & CARE MANUAL FOR THE PROPER USE OF THIS BALLISTIC PROTECTIVE SYSTEM, REPAIR PROCEDURES & RECORDING OF HITS.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div data-bbox="396 1171 1008 1942" style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST BACK CARRIER SIZE: NSN:</p> <p>THE IMPROVED OUTER TACTICAL VEST (IOTV) WITH ALL SOFT BALLISTIC PANELS INSTALLED PROVIDES PROTECTION FROM FRAGMENTATION AND 9MM SUBMACHINE GUN OR LESSER THREATS. THIS VEST DOES NOT PROTECT AGAINST KNIVES OR SHARP OBJECTS.</p> <p>DO NOT MACHINE WASH OR DRY. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL DAMAGE THE VEST'S PROTECTIVE CAPABILITY.</p> <p style="text-align: center;">CLEANING INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Remove dirt from outer surface with a cloth or soft bristle brush. 2. Remove all ballistic panels and the Enhanced Small Arms Protective Inserts (ESAPI) and Enhanced Side Ballistic Inserts (ESBI) from the outer shell and the component carriers. Soft ballistic Panels are ONLY to be cleaned by removing loose dirt from the surface and wiping clean with a moistened cloth or a soft bristle brush. Avoid submerging the panels in water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents to the ballistic panels! If the ballistic panels become wet allow them to air dry flat away from heat sources and out of direct sunlight. If the ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, turn them in for replacement as soon as possible. 3. Hand wash the IOTV base vest and component outer shells only in cold water with soap or a very mild detergent. DO NOT USE CAUSTIC CLEANERS, CHLORINE BLEACH, YELLOW SOAP, CLEANING FLUIDS OR SOLVENTS, WHICH WILL DISCOLOR AND DETERIORATE THE ITEMS! 4. Rinse the outer shells very thoroughly in clean water to wash out the soap. 5. Air-dry indoors, or in the shade, AWAY FROM HEAT SOURCES. 6. DO NOT ATTEMPT TO DYE THE ITEM OR FIX DISCOLORATIONS. <p style="text-align: center;">TURN IN YOUR ITEM IF:</p> <ol style="list-style-type: none"> 1. Frags or bullets have hit them. 2. The outer cover is torn or damaged beyond field repair. 3. The hook and loop cannot be closed completely or repaired. 4. The webbing is torn or damaged beyond repair. 5. The items cannot be adequately cleaned, or are badly discolored. 6. The items have open seams or broken components. <p>REFER TO USE & CARE MANUAL FOR THE PROPER USE OF THIS BALLISTIC PROTECTIVE SYSTEM, REPAIR PROCEDURES & RECORDING OF HITS.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 5. IOTV Label Information – Continued.

| Label Information | |
|--|--|
| <p>IMPROVED OUTER TACTICAL VEST- FRONT BALLISTIC INSERT <small>SIZE: NSN:</small></p> <p>INSERT THIS SIDE TO BODY FAILURE TO INSERT THIS BALLISTIC INSERT IN THE IOTV OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PERFORMANCE FROM FRAGMENTATION & 9MM SUB-MACHINE GUN OR LESSER THREATS.</p> <p>DO NOT LAUNDR BALLISTIC PANELS!</p> <p>Avoid submerging in wash water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents!</p> <p>FOR CLEANING: ONLY Remove loose dirt from surface & wipe clean with a moistened cloth or soft bristle brush. If Ballistic Panels become wet allow to air dry in a flat position away from heat sources & out of direct sunlight. If Ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils, or lubricants, TURN IN FOR REPLACEMENT AS SOON AS POSSIBLE.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST- BACK BALLISTIC INSERT <small>SIZE: NSN:</small></p> <p>INSERT THIS SIDE TO BODY FAILURE TO INSERT THIS BALLISTIC INSERT IN THE IOTV OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PERFORMANCE FROM FRAGMENTATION & 9MM SUB-MACHINE GUN OR LESSER THREATS.</p> <p>DO NOT LAUNDR BALLISTIC PANELS!</p> <p>Avoid submerging in wash water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents!</p> <p>FOR CLEANING: ONLY Remove loose dirt from surface & wipe clean with a moistened cloth or soft bristle brush. If Ballistic Panels become wet allow to air dry in a flat position away from heat sources & out of direct sunlight. If Ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils, or lubricants, TURN IN FOR REPLACEMENT AS SOON AS POSSIBLE.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST RIGHT SIDE PLATE CARRIER <small>SIZE: NSN:</small></p> <p>Refer to IOTV outershell label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST LEFT SIDE PLATE CARRIER <small>SIZE: NSN:</small></p> <p>Refer to IOTV outershell label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST RIGHT INTERNAL ELASTIC BAND <small>SIZE: NSN:</small></p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |

REPAIR – CONTINUED

Table 5. IOTV Label Information – Continued.

| Label Information | |
|---|--|
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST LEFT INTERNAL ELASTIC BAND SIZE: NSN:</p> </div> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST CABLE ASSEMBLY SIZE: NSN:</p> </div> <p>Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST YOKE/COLLAR FRONT ASSEMBLY SIZE: NSN:</p> </div> <p>Refer to IOTV outershell label for cleaning and maintenance instructions.</p> <p>LOT NO: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST YOKE/COLLAR BACK ASSEMBLY SIZE: NSN:</p> </div> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NO: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST RIGHT COLLAR BALLISTIC INSERT SIZE: NSN: <u>INSERT THIS SIDE TO BODY</u></p> </div> <p>FAILURE TO INSERT THIS BALLISTIC PANEL IN THE COLLAR ASSEMBLY OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PROTECTION. DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |

REPAIR – CONTINUED

Table 5. IOTV Label Information – Continued.

| Label Information | |
|---|--|
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST LEFT COLLAR BALLISTIC INSERT SIZE: NSN:</p> <p>INSERT THIS SIDE TO BODY</p> <p>FAILURE TO INSERT THIS BALLISTIC PANEL IN THE COLLAR ASSEMBLY OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PROTECTION. DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST LOWER BACK PROTECTOR OUTERSHELL NSN:</p> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST LOWER BACK PROTECTOR INSERT NSN: INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST GROIN PROTECTOR OUTERSHELL SIZE: NSN:</p> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>IMPROVED OUTER TACTICAL VEST GROIN PROTECTOR INSERT SIZE: NSN: INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 5. IOTV Label Information – Continued.

| Label Information | |
|--|--|
| <div data-bbox="354 296 1040 663" style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST DELTOID PROTECTOR OUTERSHELL</p> <p style="text-align: center;">SIZE: NSN XXXX-XX-XXX-XXXX</p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div data-bbox="345 737 1052 1161" style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST DELTOID PROTECTOR BALLISTIC INSERT</p> <p style="text-align: center;">SIZE: NSN XXXX-XX-XXX-XXXX</p> <p style="text-align: center;">INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDRY. Remove loose dirt from cover with a cloth or soft brush. <u>Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine</u> Wash. DO NOT dry clean. DO NOT apply solvents.</p> <p>Refer to IOTV Outershell Label for cleaning and maintenance instructions.</p> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV</p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST FRONT CARRIER – FQ/PO 07-05 D</p> <p style="text-align: center;">SIZE: NSN:</p> <p>THE IMPROVED OUTER TACTICAL VEST (IOTV) WITH ALL SOFT BALLISTIC PANELS INSTALLED PROVIDES PROTECTION FROM FRAGMENTATION AND 9MM SUBMACHINE GUN OR LESSEER THREATS. THIS VEST DOES NOT PROTECT AGAINST KNIVES OR SHARP OBJECTS.</p> <p>DO NOT MACHINE WASH OR DRY. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL DAMAGE THE VEST'S PROTECTIVE CAPABILITY.</p> <p style="text-align: center;">CLEANING INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Remove dirt from outer surface with a cloth or soft bristle brush 2. Remove all ballistic panels and the Enhanced Small Arms Protective Inserts (ESAPI) and Enhanced Side Ballistic Inserts (ESBI) from the outer shell and the component carriers. Soft ballistic Panels are ONLY to be cleaned by removing loose dirt from the surface and wiping clean with a moistened cloth or a soft bristle brush. Avoid submerging the panels in water; DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents to the ballistic panels! If the ballistic panels become wet allow them to air dry flat away from heat sources and out of direct sunlight. If the ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, turn them in for replacement as soon as possible. 3. Hand wash the IOTV base vest and component outer shells only in cold water with soap or a very mild detergent. DO NOT USE CAUSTIC CLEANERS; CHLORINE BLEACH, YELLOW SOAP, CLEANING FLUIDS OR SOLVENTS, WHICH WILL DISCOLOR AND DETERIORATE THE ITEMS! 4. Rinse the outer shells very thoroughly in clean water to wash out the soap. 5. Air-dry indoors or in the shade, AWAY FROM HEAT SOURCES. 6. DO NOT ATTEMPT TO DYE THE ITEM OR FIX DISCOLORATIONS. <p style="text-align: center;">TURN IN YOUR ITEM IF:</p> <ol style="list-style-type: none"> 1. Frags or bullets have hit them. 2. The outer cover is torn or damaged beyond field repair. 3. The hook and loop cannot be closed completely or repaired. 4. The webbing is torn or damaged beyond repair. 5. The items cannot be adequately cleaned, or are badly discolored. 6. The items have open seams or broken components. <p>REFER TO USE & CARE MANUAL FOR THE PROPER USE OF THIS BALLISTIC PROTECTIVE SYSTEM, REPAIR PROCEDURES & RECORDING OF HITS.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information – Continued.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST BACK CARRIER - FQ/PD 07-05 D</p> <p style="text-align: center;">SIZE: NSN:</p> <p>THE IMPROVED OUTER TACTICAL VEST (IOTV) WITH ALL SOFT BALLISTIC PANELS INSTALLED PROVIDES PROTECTION FROM FRAGMENTATION AND 9MM SUBMACHINE GUN OR LESSER THREATS. THIS VEST DOES NOT PROTECT AGAINST KNIVES OR SHARP OBJECTS.</p> <p>DO NOT MACHINE WASH OR DRY. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL DAMAGE THE VEST'S PROTECTIVE CAPABILITY.</p> <p style="text-align: center;">CLEANING INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Remove dirt from outer surface with a cloth or soft bristle brush. 2. Remove all ballistic panels and the Enhanced Small Arms Protective Inserts (ESAPI) and Enhanced Side Ballistic Inserts (ESBI) from the outer shell and the component carriers. Soft ballistic Panels are ONLY to be cleaned by removing loose dirt from the surface and wiping clean with a moistened cloth or a soft bristle brush. Avoid submerging the panels in water; DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents to the ballistic panels! If the ballistic panels become wet allow them to air dry flat away from heat sources and out of direct sunlight. If the ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, turn them in for replacement as soon as possible. 3. Hand wash the IOTV base vest and component outer shells only in cold water with soap or a very mild detergent. DO NOT USE CAUSTIC CLEANERS, CHLORINE BLEACH, YELLOW SOAP, CLEANING FLUIDS OR SOLVENTS, WHICH WILL DISCOLOR AND DETERIORATE THE ITEMS! 4. Rinse the outer shells very thoroughly in clean water to wash out the soap. 5. Air-dry indoors, or in the shade, AWAY FROM HEAT SOURCES. 6. DO NOT ATTEMPT TO DYE THE ITEM OR FIX DISCOLORATIONS. <p style="text-align: center;">TURN IN YOUR ITEM IF:</p> <ol style="list-style-type: none"> 1. Frags or bullets have hit them. 2. The outer cover is torn or damaged beyond field repair. 3. The hook and loop cannot be closed completely or repaired. 4. The webbing is torn or damaged beyond repair. 5. The items cannot be adequately cleaned, or are badly discolored. 6. The items have open seams or broken components. <p>REFER TO USE & CARE MANUAL FOR THE PROPER USE OF THIS BALLISTIC PROTECTIVE SYSTEM, REPAIR PROCEDURES & RECORDING OF HITS.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST - FRONT BALLISTIC INSERT - FQ/PD 07-05 D</p> <p style="text-align: center;">SIZE: NSN:</p> <p>INSERT THIS INDE TO BODY FAILURE TO INSERT THIS BALLISTIC INSERT IN THE IOTV OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PERFORMANCE FROM FRAGMENTATION & 9MM SUB-MACHINE GUN OR LESSER THREATS.</p> <p style="text-align: center;">DO NOT LAUNDRER BALLISTIC PANELS!</p> <p>Avoid submerging in wash water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents!</p> <p>FOR CLEANING: ONLY Remove loose dirt from surface & wipe clean with a moistened cloth or soft bristle brush. If Ballistic Panels become wet allow to air dry in a flat position away from heat sources & out of direct sunlight. If Ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils or lubricants, TURN IN FOR REPLACEMENT AS SOON AS POSSIBLE.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information – Continued.

| Label Information | |
|--|--|
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST-BACK BALLISTIC INSERT-FQ/PD 07-05 D SIZE: _____ NSN: _____</p> <p>INSERT THIS SIDE TO BODY FAILURE TO INSERT THIS BALLISTIC INSERT IN THE IOTV OUTERSHELL WILL RESULT IN ABSENCE OF BALLISTIC PERFORMANCE FROM FRAGMENTATION & 9MM SUB-MACHINE GUN OR LESSER THREATS.</p> <p style="text-align: center;">DO NOT LAUNDRER BALLISTIC PANELS!</p> <p>Avoid submerging in wash water. DO NOT bleach! DO NOT machine wash! DO NOT dry clean! DO NOT apply solvents!</p> <p>FOR CLEANING: ONLY Remove loose dirt from surface & wipe clean with a moistened cloth or soft bristle brush. If Ballistic Panels become wet allow to air dry in a flat position away from heat sources & out of direct sunlight. If Ballistic panels become saturated with liquids such as bleaches, gasoline, petroleum, oils, or lubricants, <u>TURN IN FOR REPLACEMENT AS SOON AS POSSIBLE.</u></p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST SIDE PLATE CARRIER – FQ/PD 07-05 D SIZE: _____ NSN: _____</p> <p>Refer to IOTV outershell label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST SIDE PLATE POCKET – FQ/PD 07-05 D SIZE: _____ NSN: _____</p> <p>Refer to IOTV outershell label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |
| <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">IMPROVED OUTER TACTICAL VEST RIGHT INTERNAL ELASTIC BAND – FQ/PD 07-05 D SIZE: _____ NSN: _____</p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> </div> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information – Continued.

| Label Information | |
|--|--|
| <p>IMPROVED OUTER TACTICAL VEST LEFT INTERNAL ELASTIC BAND – FO/PD 07-05 D SIZE: NSN:</p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions:</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST CABLE ASSEMBLY – FO/PD 07-05 D SIZE: NSN:</p> <p>Refer to IOTV outershell Label for cleaning and maintenance instructions:</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST YOKE/COLLAR FRONT ASSEMBLY – FO/PD 07-05 D NSN:</p> <p>Refer to IOTV outershell label for cleaning and maintenance instructions:</p> <p>LOT NO: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST YOKE/COLLAR BACK ASSEMBLY – FO/PD 07-05 D SIZE: NSN:</p> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NO: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST LOWER BACK PROTECTOR OUTERSHELL – FO/PD 07-05 D NSN:</p> <p>Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions:</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information – Continued.

| Label Information | |
|---|--|
| <p>IMPROVED OUTER TACTICAL VEST LOWER BACK PROTECTOR INSERT – FQ/PD 07-05 D NSN: INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST GROIN PROTECTOR OUTERSHELL – FQ/PD 07-05 D SIZE: NSN:</p> <p>Check to insure the correct side of the Ballistic Panel will be against the body before attaching to the IOTV. Refer to IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST GROIN PROTECTOR INSERT – FQ/PD 07-05 D SIZE: NSN: INSERT THIS SIDE TO BODY</p> <p>DO NOT LAUNDRER. Remove loose dirt from cover with a cloth or soft brush. Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine wash. DO NOT dry clean. DO NOT apply solvents. Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |
| <p>IMPROVED OUTER TACTICAL VEST DELTOID PROTECTOR OUTERSHELL – FQ/PD 07-05 D SIZE: NSN XXXX-XX-XXXX-XXXX</p> <p>Refer to the IOTV outershell Label for cleaning and maintenance instructions.</p> <p>LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____</p> | |

REPAIR – CONTINUED

Table 6. IOTV Gen II Label Information – Continued.

| Label Information | |
|---|--|
| <p style="text-align: center;"> IMPROVED OUTER TACTICAL VEST DELTAOID PROTECTOR BALLISTIC INSERT-FQ/PD 07-05 D SIZE: NSN:XXXX-XX-XXX-XXXX </p> <p style="text-align: center;"> INSERT THIS SIDE TO BODY DO NOT LAUNDER. Remove loose dirt from cover with a cloth or soft brush. <u>Avoid submerging panels in wash water. DO NOT bleach. DO NOT machine</u> Wash. DO NOT dry clean. DO NOT apply solvents. Refer to IOTV Outershell Label for cleaning and maintenance instructions. </p> <p style="text-align: center;"> Check to insure the correct side of the Ballistic Panel will be against the Body before attaching to the IOTV </p> <p style="text-align: center;"> Refer to the IOTV outershell Label for cleaning and maintenance instructions. </p> <p> LOT NUMBER: _____ DATE OF MFG: _____ SERIAL NO: _____ CONTRACT #: _____ MANUFACTURED BY: _____ </p> | |

END OF TASK

END OF WORK PACKAGE

SUSTAINMENT MAINTENANCE
FRONT CARRIER (IOTV/IOTV GEN II) EXTERIOR FABRIC
REPAIR

INITIAL SETUP:**Tools and Special Tools**

Press, Grommet and Eyelet, Hand Operated (WP 0047, Item 5)
 Punch And Die, Grommet Inserting, No 00 (WP 0047, Item 6)
 Ruler, Measuring (WP 0047, Item 8)
 Screwdriver, Flat-tip, (1/4-inch) (WP 0047, Item 9)
 Sewing Machine, Industrial (Light Duty) (WP 0047, Item 13)
 Sewing Machine, Industrial (Bar Tack) (WP 0047, Item 11)
 Shears, Tailors, 12 Inch (WP 0047, Item 14)
 Stitch Removal Tool (WP 0047, Item 15)

Personnel Required

CIF

References

WP 0013
 WP 0034

Materials/Parts

Nylon Fabric, MIL C 43734, 1000 Denier (WP 0040, Item 6)
 Fastener Tape, Hook, AA55216, Type II, Class 1, 1 1/2-Inch (WP 0040, Item 9)
 Fastener Tape, Hook, AA55216, Type II, Class 1, 2-Inch (WP 0040, Item 10)
 Fastener Tape, Loop, AA55216, Type II, Class 1, 1 1/2-Inch (WP 0040, Item 13)
 Fastener Tape, Loop, AA55216, Type II, Class 1, 2-Inch (WP 000, Item 14)
 Fastener Tape, Loop, AA55216, Type II, Class 1, 4-Inch (WP 0040, Item 15)
 Pencil, Marking Aid, Yellow, A-A-87 (WP 0046, Item 12)
 Ring, Rectangular 1" x 1/2" X .150 Steel, Zinc, Welded, Color: Foliage Green 504 (WP 0059, Item 37)
 Webbing, Textile, AA-55301, Type III, 1-Inch (WP 0040, Item 32)
 Tape, MIL T 5038, Type III, Class 2 (WP 0040, Item 26)
 Webbing, Textile, MIL-W-17337, Class 2, 1 1/2-Inch (WP 0040, Item 37)

Webbing, Textile, MIL-W-17337, Class 2, 3-Inch (WP 0040, Item 38)
 Webbing, Textile, MIL-W-17337, Class 2, 2-Inch (WP 0040, Item 33)

REPAIR

Introduction

This work package covers repair to the IOTV/IOTV Gen II front carrier. Refer to Figure 1 for an overview of IOTV/IOTV Gen II front carrier repair.

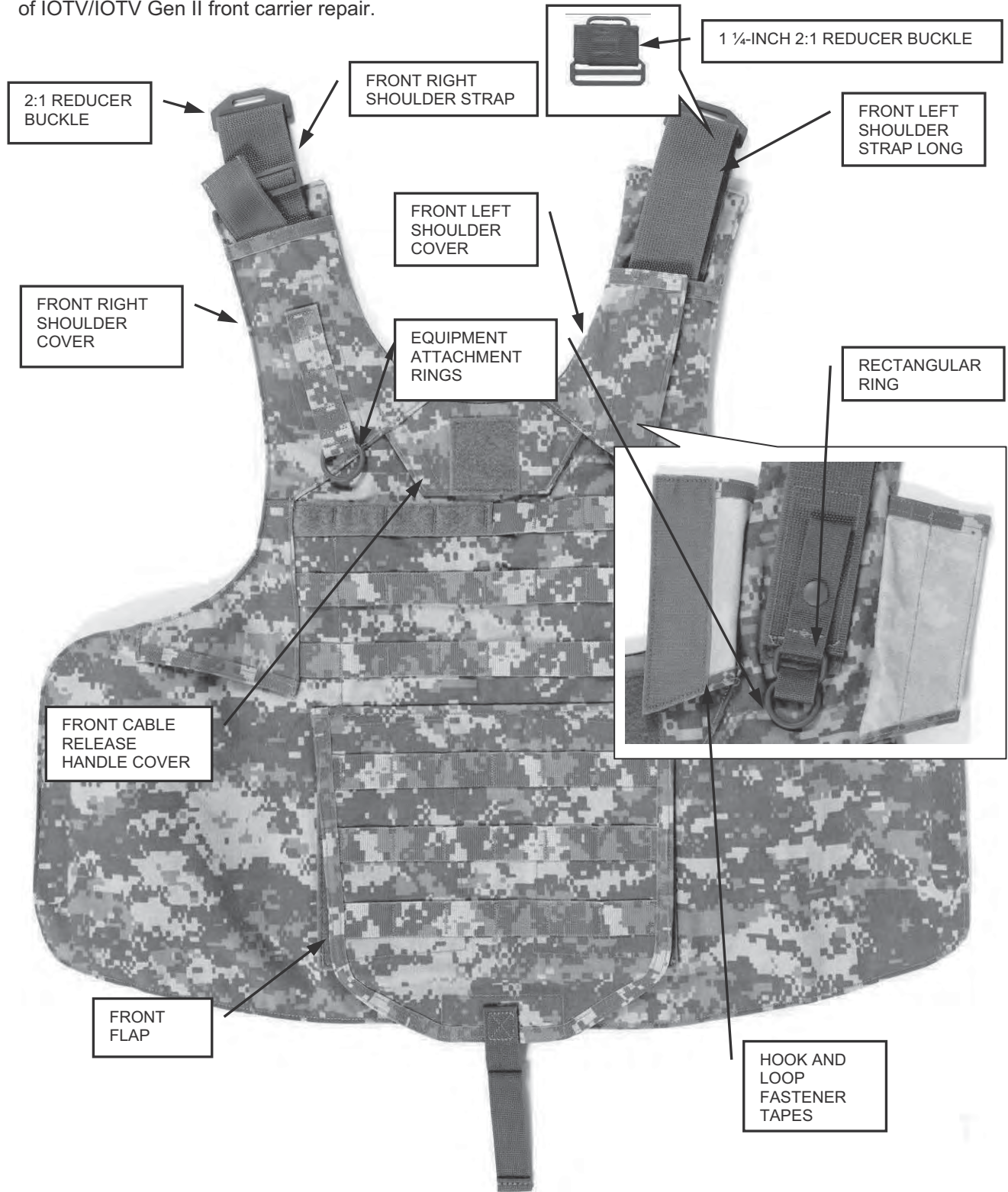


Figure 1. IOTV Gen II Front Carrier.

REPAIR – CONTINUED**Repair Damage to Shoulder Strap Short**

If 1 1/4-inch 2:1 reducer buckle is damaged, replace with metal 2:1 reducer buckle. Both shoulders must have the same type of 2:1 reducer buckle. If not, replace to make them match.

END OF TASK**Repair Damage to Front Left Shoulder Strap Long**

1. Fold 1-inch webbing (Figure 2, Item 1) according to match damaged piece.
2. Set female snap (Figure 2, Item 2) in appropriate location IAW WP 0013.
3. Place webbing (Figure 2, Item 1) between hook (Figure 2, Item 3) and 2-inch webbing (Figure 2, Item 4).
4. Attach Hook to 2-inch webbing with 1-inch webbing sandwiched with a 301 lock stitch and using a bar tack sewing machine, size E thread, place a 42-stitch 1/8 x 7/8-inch bar tack.
5. Place male portion of snap (Figure 2, Item 5) in appropriate location IAW WP 0013.
6. Place short strap (Figure 2, Item 6) on long strap (Figure 2, Item 4).
7. Sew second piece of hook onto long strap, catching the edge of the short strap.

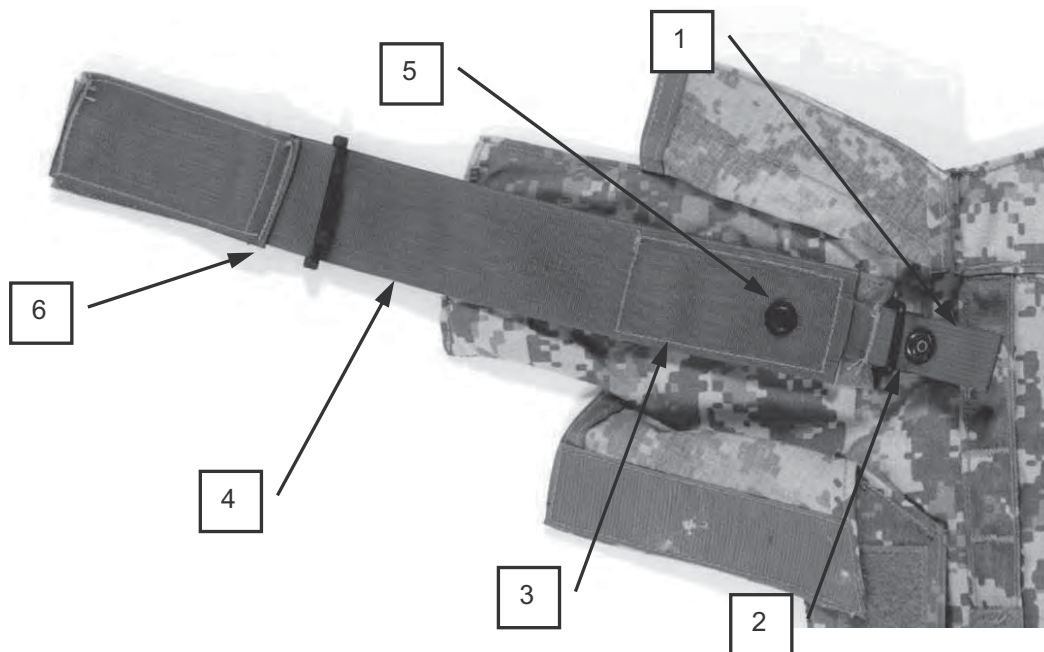


Figure 2. Repair Damage to Front Left Shoulder Strap Long.

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Left Shoulder Cover Top and Bottom**

1. Carefully remove top stitching and bar tacks.
2. Carefully open seam that damaged piece is inserted into.
3. Cut replacement piece according to pattern piece IOTV F L SHD CVR TP or IOTV F L SHD CVR BT provided in WP 0034.
4. Bind top edge (Figure 3, Item 1).
5. Fold bottom edge under 3/8-inch.
6. Fold inner edge so that it will be placed under hook/loop fastener tape as appropriate.
7. Attach hook and loop fastener tape (Figure 3, Item 2).
8. Insert outer edge into seam in appropriate location.
9. Using size E thread, place a 42-stitch, 1/8 x 7/8-inch bar tack on the lower right corner of cover where meets ripcord pocket.
10. Top stitch entire area closed, ensuring to catch stitching above and below open portion by at least 1/2 inch.

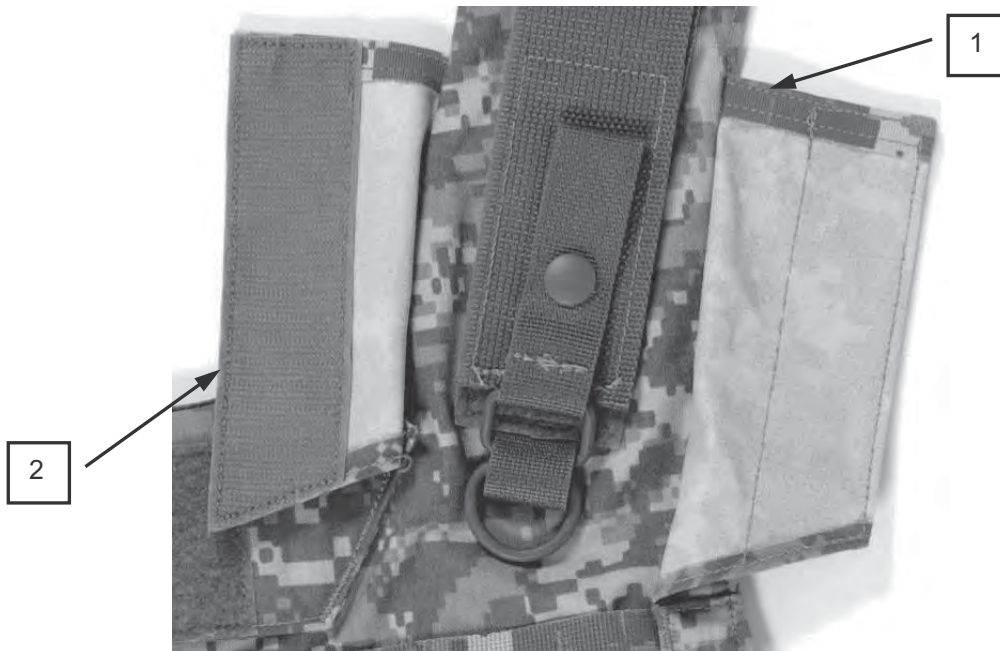


Figure 3. Repair Damage to Front Left Shoulder Cover Top and Bottom.

END OF TASK

REPAIR – CONTINUED**Repair Damage to 2-Inch Loop Fastener on Left Outer Shoulder**

1. Carefully open seam along the armscye.
2. Carefully remove stitching holding the loop fastener (Figure 4) on.
3. Cut new loop using damaged loop fastener as a template.
4. Attach loop fastener in original location.
5. Invert the armscye to sew along armscye.
6. Re-orientate the armscye to expose outer seam.
7. Topstitch seam closed along the armscye.



Figure 4. Damage to 2-Inch Loop Fastener on Left Outer Shoulder.

END OF TASK

REPAIR – CONTINUED**Repair Damage to 1-inch Webbing or Rectangular Ring**

1. Carefully remove bar tack and stitching holding webbing (Figure 4, Item 1) in place.
2. Carefully open seam along armscye.
3. Remove damaged piece.
4. Cut webbing using damaged webbing as a template.
5. Run webbing through rectangular ring (Figure 4, Item 2).
6. Place cut ends $\frac{1}{2}$ inch under edge of loop fastener.
7. Stitch loop down and using a bar tack sewing machine, size E thread, place a 42-stitch $\frac{1}{8}$ x $\frac{7}{8}$ -inch bar tack.
8. Invert armscye area to close seam then re-orientate to topstitch seam along armscye closed.



Figure 5. Repair Damage to 1-inch Webbing or Rectangular Ring.

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Right Shoulder Cover**

For Minor Damage (Holes smaller than 1/2-inch):

1. Carefully remove seam along neck area.
2. Darn location where damaged IAW WP 0013.
3. Invert vest to expose inside seam along neck.
4. Sew seam along neck to close.

For Major Damage (Holes larger than 1/2 inch):

1. Remove all topstitching.
2. Open seam along armhole and neck hole.
3. Remove damaged piece.
4. Cut new piece according to IOTV F R SHD CVR provided in WP 0034.
5. Bind upper edge.
6. Fold lower edge under 3/8-inch.
7. Attach to IOTV Front (Figure 6) according to pattern.
8. Fold edges under-3/8 inch catching them in the neck and armhole seam.
9. Invert vest to expose armhole seam and neck sew closed area previously undone.
10. Reorient vest to expose outer seam along armhole and topstitch shut.



Figure 6. Repair Damage to Front Right Shoulder Cover.

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Right Shoulder Cable Cover Guide (IOTV Only)**

1. Carefully remove stitching holding the cable cover guide to the right shoulder (Figure 7).
2. Cut one 4 ½-inch and one 5 1/8-inch piece of MIL-W-17337, 1 ½-inch nylon webbing.
3. Align one edge.
4. Stitch both pieces together.
5. Attach longer half at shoulder seam.

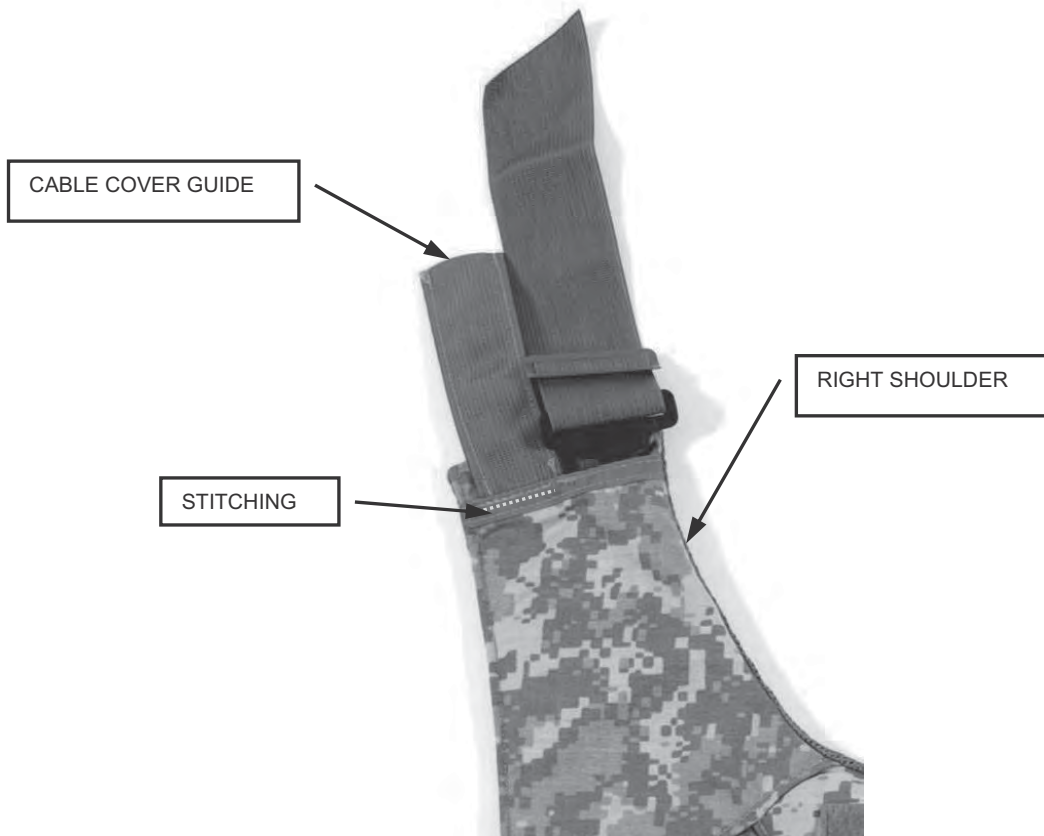


Figure 7. Repair Damage to Front Right Shoulder Cable Cover Guide (IOTV Only).

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Right Shoulder Strap**

1. Cut an approximately 17-inch length of 2-inch nylon webbing (Figure 8).
2. Measure 16 inches from one end.
3. Cut the webbing at an angle from the 16-inch mark to the end of the webbing, forming an angled end to help with routing through buckle.
4. Sear cut end.
5. Open seam along armhole and/or neck hole of shoulder (Figure 8).
6. Carefully remove damaged shoulder strap.
7. Place shoulder strap in original location.
8. Attach with a 1/2-inch x 1 3/4-inch box X.
9. Align neck hole and/or armhole and sew closed.

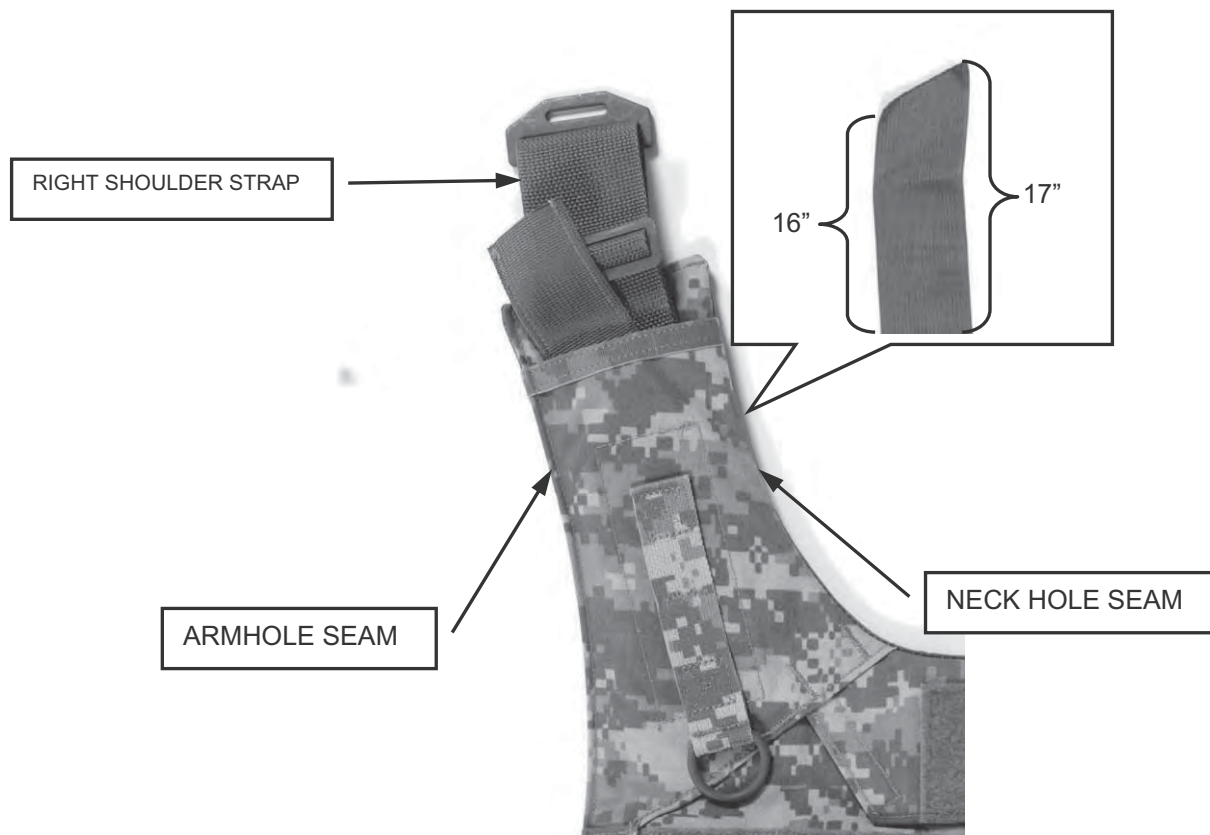


Figure 8. Repair Damage to Front Right Shoulder Strap (IOTV Gen II Shown).

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Release Handle Cover**

1. Carefully open seam along neck hole (Figure 9).
2. Remove stitching on front left and right shoulder covers, and on the lower edge of the front release handle cover.
3. Cut replacement piece according to pattern piece IOTV F RL HN CVR.
4. Attach loop and hook (IOTV Gen II Only) according to pattern piece length.
5. Fold replacement piece in half with face of fabric inboard.
6. Attach handle cover to IOTV/IOTV Gen II front cover.
 - a. (IOTV Only) Topstitch along lower edges 3/8-inch seam allowance, leaving the bottom edge open to form pocket for release handle.
 - b. (IOTV Gen II Only) Topstitch along lower-right edge 3/8-inch seam allowance, leaving the bottom and left edges open to form pocket for release handle.
7. Using a bar tack sewing machine, size E thread, place a 42-stitch 1/8 x 7/8-inch bar tack on the release handle cover in the original location (bottom left and right for IOTV, bottom left for IOTV Gen II).
8. Invert piece to expose neck hole area.
9. Sew closed neck hole area.

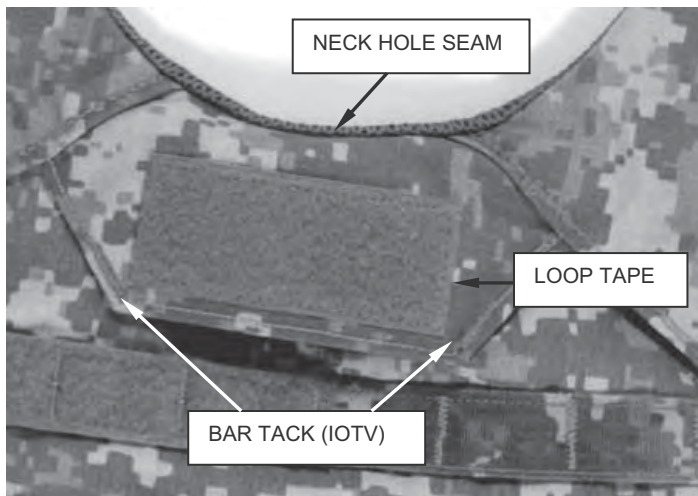
**IOTV****IOTV GEN II**

Figure 9. Repair Damage to Front Release Handle Cover.

END OF TASK

REPAIR – CONTINUED**Repair Damage to Loop under Front Release Handle Cover**

1. Remove stitching on loop fastener tape (Figure 10, Item 1) and remove damaged loop fastener tape.
2. Place replacement loop fastener tape in original location and sew onto main body.
3. Fold release handle cover back down.
4. Stitch and using a bar tack sewing machine, size E thread, place a 42-stitch 1/8 x 7/8-inch bar tack, bar tack in original locations.



Figure 10. Repair Damage to Loop under Front Release Handle Cover.

END OF TASK

REPAIR – CONTINUED**Repair Damage to Front Outer Shell**

Whenever possible, use a nylon adhesive patch IAW WP 0013.

Minor Damage (holes smaller than 1/2-inch) darn location where damaged IAW WP 0013.

Damage Occurring in Multiple Areas between Webbing.

1. Expose inside of front carrier to expose inside protector pocket.
2. Remove bar tack and seam approx 4-inches down on each side.
3. Cut approx 12-inches long length of 4-inch webbing based on dimensions of inside front carrier pocket.
4. Sear edge of webbing IAW WP 0013.
5. Place webbing in location of damage area.
6. Sew down webbing along the length of pocket side seam.
7. Sew down pocket along side seams at top of pocket and using a bar tack sewing machine, size E thread, place a 42-stitch 1/8 x 7/8-inch bar tack.

END OF TASK**Repair Damage to MOLLE Webbing on IOTV Front Flap**

1. Carefully remove stitching of bar tacks just outside damaged location.
2. Cut webbing to the inside of the former bar tack location.
3. Remove all damaged webbing and bar tacks in that area.
4. Cut piece of webbing to length of damaged area plus 1-inch.
5. Fold edges of webbing under 1/2 inch.
6. Using a bar tack sewing machine, size E thread, place a 42-stitch 1/8 x 7/8-inch bar tack place bar tack over existing bar tack and bar tack in location.

END OF TASK

REPAIR – CONTINUED**Repair Damage to IOTV Front Flap Pocket**

1. Cut replacement piece using pattern IOTV F FL PK.
2. Carefully remove stitching around edges of loop fastener (Figure 11, Item 1) and edges of flap pocket (Figure 11, Item 2).
3. Remove damaged flap pocket (Figure 11, Item 2) and loop fastener (Figure 11, Item 1).
4. Bind edge of new flap pocket piece.
5. Attach 2-inch loop fastener (Figure 11, Item 3) to underside of flap pocket (Figure 11, Item 2).
6. Attach 4-inch loop fastener to flap pocket (Figure 11, Item 1).
7. Sewing around perimeter of flap pocket, attach flap pocket to IOTV front in original location.
8. Attach upper loop to IOTV front with box-X.

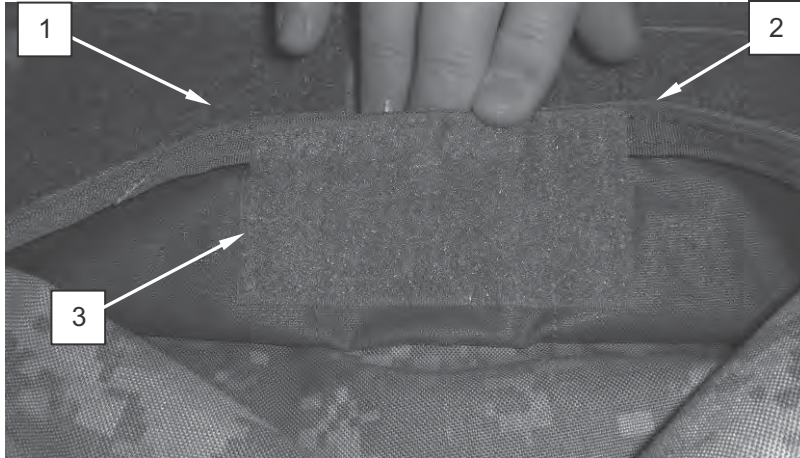


Figure 11. Repair Damage to IOTV Front Flap Pocket.

END OF TASK

REPAIR – CONTINUED**Repair Damage to IOTV Front Pocket**

If front pocket is damaged, it may be completely removed. If front pocket is missing, it does not need to be replaced.

END OF TASK**Repair Damage to IOTV Front Inner Plate Pocket**

Minor Damage. Install nylon adhesive patch IAW WP 0013.

Major Damage.

1. Carefully remove seams.
2. Remove pocket.
3. Cut new pocket piece from pattern piece IOTV F IN P PK.
4. Bind upper and lower edge of pocket piece.
5. Attach 2-inch loop fastener according to pattern.
6. Place replacement piece in original location.
7. Attach on both sides.

END OF TASK**END OF WORK PACKAGE**

**SUSTAINMENT MAINTENANCE
FRONT YOKE ASSEMBLY
REPAIR**

INITIAL SETUP:**Tools and Special Tools****Personnel Required**

Pliers (WP 0047, Item 4)
 Press, Grommet and Eyelet, Hand Operated (WP 0047, Item 5)
 Punch and Die, Grommet inserting, No 00 (WP 0047, Item 6)
 Ruler, Measuring (WP 0047, Item 8)
 Screwdriver, Flat-tip, (1/4-inch) (WP 0047, Item 9)
 Sewing Machine, Industrial (Light Duty) (WP 0047, Item 13)
 Sewing Machine, Industrial (Bar Tack) (WP 0047, Item 11)
 Shears, Tailors, 12 Inch (WP 0047, Item 14)
 Stitch Removal Tool (WP 0047, Item 15)

CIF

Materials/Parts

Pencil, Marking Aid, Yellow, A-A-87 (WP 0046, Item 12)
 Socket, Snap Fastener, Style 2 (WP 0059, Item 38)
 Stud, Snap Fastener, Style 2 (WP 0059, Item 40)
 Webbing, Textile, AA-55301, Type III, 1-Inch (WP 0040, Item 36)
 Webbing, Textile, MIL-W-17337, Class 2, 2-Inch (WP 0040, Item 33)

REPAIR**Stitching and Re-stitching**

Re-stitch is authorized on the binding tape along the outside edge of the front yoke assembly (Figure 1). No other re-stitching is authorized.

Re-stitch IAW WP 0013, General Repair Procedures.

REPAIR – CONTINUED

Repair Damage to the Collar

WARNING

Repairs are not authorized to the collar. Repairs may impact the serviceability of the ballistics sewn into the collar. Using equipment with damaged collar may cause serious injury or death.

No repair of the collar (Figure 1) is authorized.

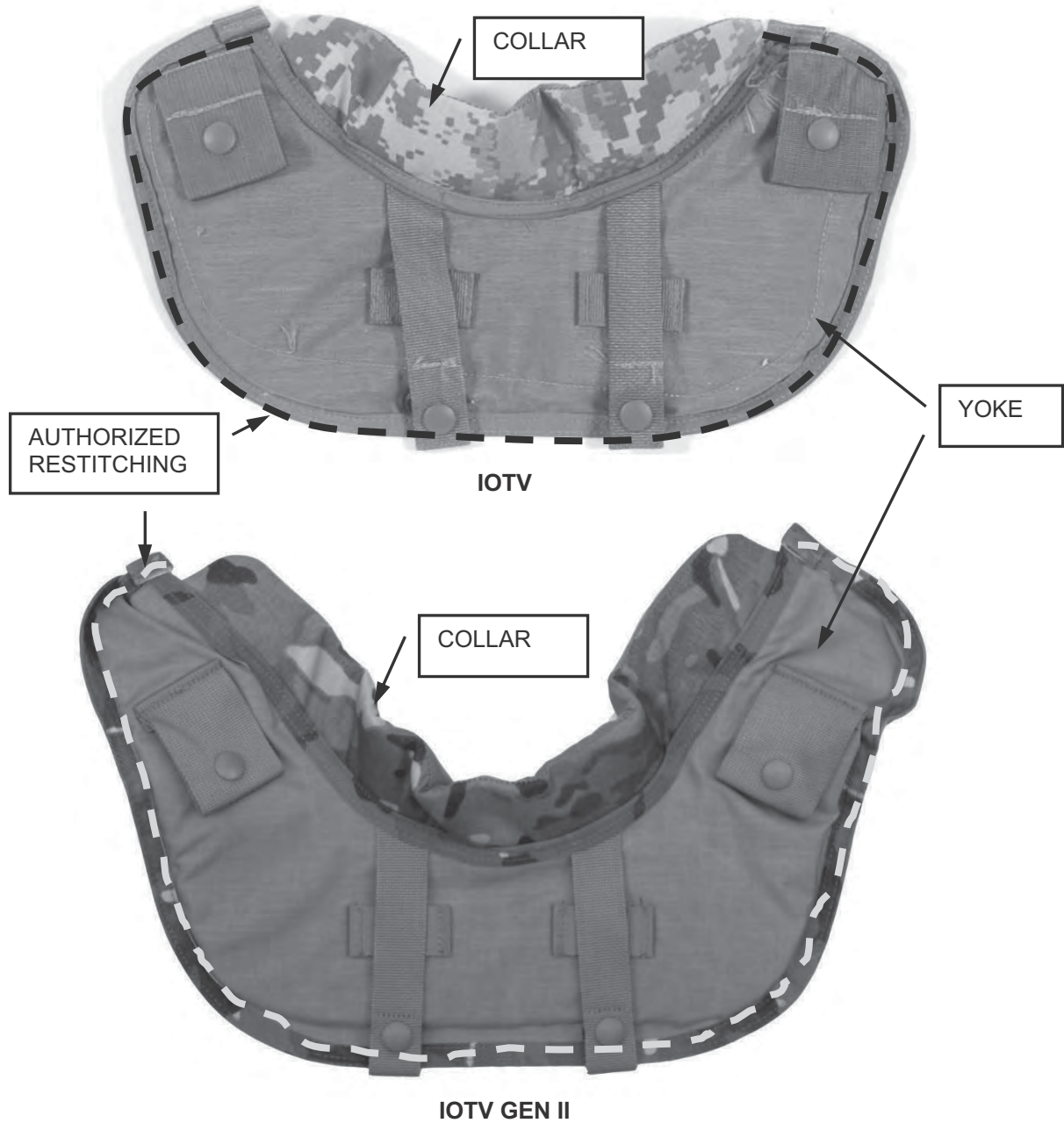


Figure 1. Front Yoke Assembly.

END OF TASK

REPAIR – CONTINUED**Repair Damage to the 2-inch Webbing Attachment Straps on Shoulder of Yoke**

1. Carefully remove all stitching through binding holding webbing (Figure 2, Item 1) in place.
2. Remove damaged webbing attachment strap.
3. Cut and mark snap locations on replacement webbing piece.
4. Place snaps (Figure 2, Item 2) in appropriate location and set snaps in webbing IAW WP 0013.
5. Place webbing (Figure 2, Item 1) in appropriate location on yoke.
6. Close binding with two rows of stitching.
7. Fold under edge of binding. Using size E thread, place a 42-stitch 1/8 x 5/8-inch bar tack at each edge of the webbing along the edge of the yoke.



Figure 2. Repair Damage to 2-inch Webbing Attachment Straps.

END OF TASK

REPAIR – CONTINUED**Repair Damage to the Male Stud on Front Outer Shell**

Repair to the male stud snap fasteners on the upper and lower portions of the yoke assembly is not authorized.

END OF TASK**Repair Damage to the Female Stud on Webbing Strap**

Repair female stud IAW WP 0013, General Repair Procedures.

END OF TASK**END OF WORK PACKAGE**

SUSTAINMENT MAINTENANCE
YOKE/COLLAR ASSEMBLY (IOTV/IOTV GEN II)
REPAIR

INITIAL SETUP:**Tools and Special Tools**

Pliers (WP 0047, Item 4)
 Press, Grommet and Eyelet, Hand Operated (WP 0047, Item 5)
 Punch and Die, Grommet inserting, No 00 (WP 0047, Item 6)
 Ruler, Measuring (WP 0047, Item 8)
 Screwdriver, Flat-tip, (1/4-inch) (WP 0047, Item 9)
 Sewing Machine, Industrial (Light Duty) (WP 0047, Item 13)
 Shears, Tailors, 12 Inch (WP 0047, Item 14)
 Stitch Removal Tool (WP 0047, Item 15)

Personnel Required

CIF

Materials/Parts

Fastener Tape, Hook, AA5126, Type II, Class 1, 2-Inch (WP 0040, Item 10)
 Pencil, Marking Aid, Yellow, A-A-87 (WP 0046, Item 12)
 Socket, Snap Fastener, Style 2 (WP 0059, Item 38)
 Stud, Snap Fastener, Style 2 (WP 0059, Item 40)
 Webbing, Textile, AA-55301, Type III, 1-Inch (WP 0040, Item 32)

References

WP 0013

REPAIR**Stitching and Restitching**

Re-stitch is authorized on the binding tape along the outside edge of the front yoke assembly (Figure 1). No other restitching is authorized.

Re-stitch IAW WP 0013, General Repair Procedures.

END OF TASK

REPAIR – CONTINUED

Repair Damage to the Collar

WARNING

Repairs are not authorized to the collar. Repairs may impact the serviceability of the ballistics sewn into the collar. Using equipment with damaged collar may cause serious injury or death.

No repair of the collar (Figure 1) is authorized.

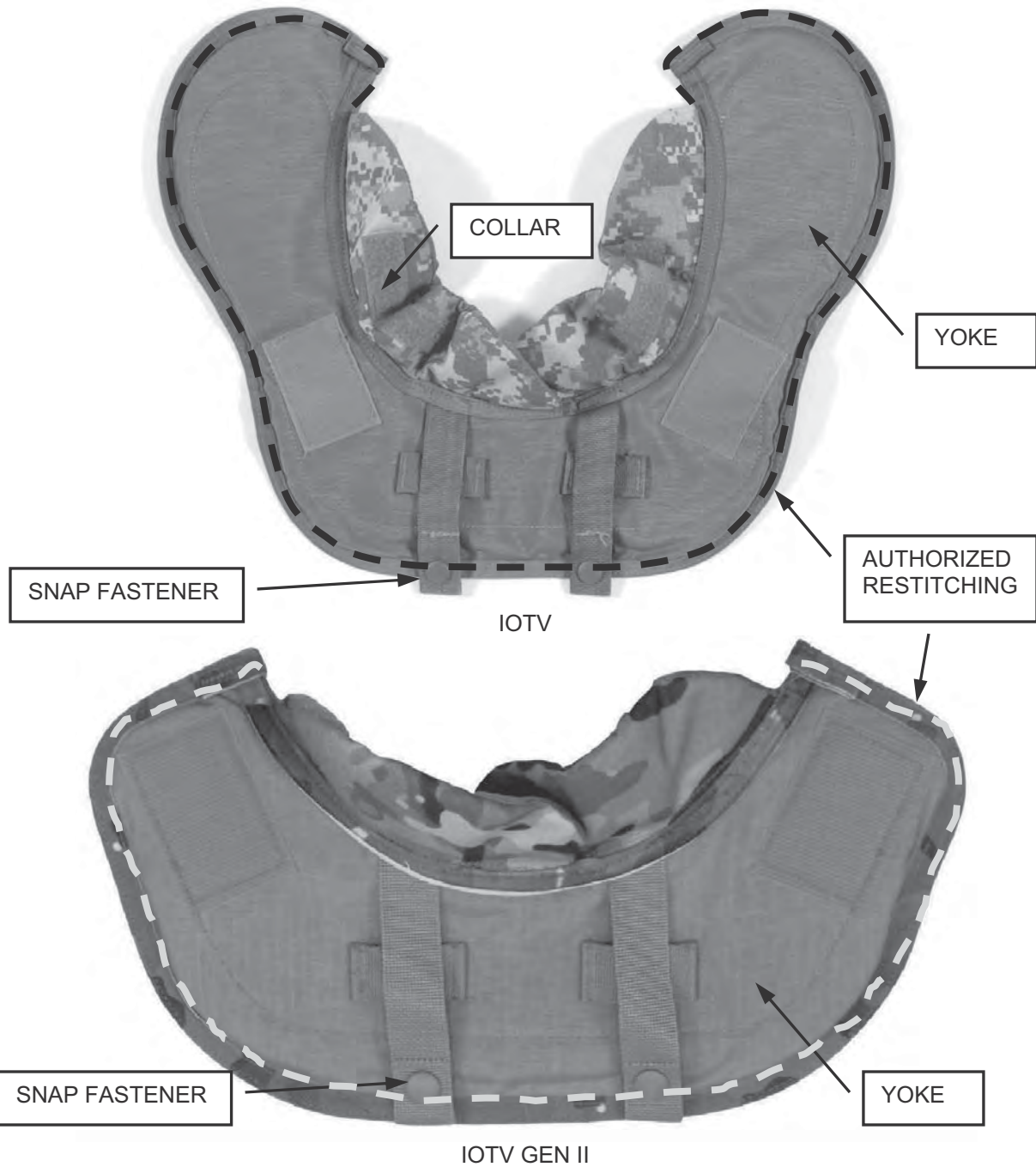


Figure 1. Front Yoke/Collar Assembly.

REPAIR – CONTINUED**Repair Damage to the Male Stud on Front Outer Shell**

Repair to the male stud snap fasteners on the upper and lower portions of the yoke assembly is not authorized.

END OF TASK**Repair Damage to the Female Stud on Webbing Strap**

Repair female stud IAW WP 0013, General Repair Procedures.

END OF TASK**END OF WORK PACKAGE**

SUSTAINMENT MAINTENANCE
ESAPI, ESBI
PREPARATION FOR STORAGE OR SHIPMENT

INITIAL SETUP:**Materials/Parts**

Sleeve, Box (WP 0047, Item 15)
Cardboard, Two Ply (WP 0047, Item 1)
Foam Roll (WP 0047, Item 2)

Personnel Required

CIF

References

DD 361
DA PAM 750-8

PREPARATION FOR STORAGE

If in original packaging, keep ESAPI and ESBI plates in original shipping packing material until they are issued.

1. Stack no more than two tri-wall boxes high in a warehousing/issuing facility.
2. The original packaging consists of ballistic plates packed vertically in a corrugated cardboard box with foam roll between each plate for cushioning. These boxes are then double packed in a larger box for added protection. Reuse original packing material if available.
3. Place foam roll between each stacked plate for added cushioning and load distribution.

PREPARATION FOR STORAGE – CONTINUED

If not in original packing, construct an empty tri-wall box (40" X 48" X 22", triple-ply cardboard box with plastic pallet base and locking lid. Stack no more than two tri-wall boxes high in a warehousing/issuing facility.

NOTE

Table 1 gives the recommended number of plates that will fit in a box listed by size and orientation.

1. Before packing plates into the tri-wall box, a two-ply cardboard base plate and a layer of the minimum thickness of 1/4" x 24" x 250' foam roll - perforated every 12" foam roll sheet shall be placed in the bottom of the box for additional support of the plates (Figure 1).

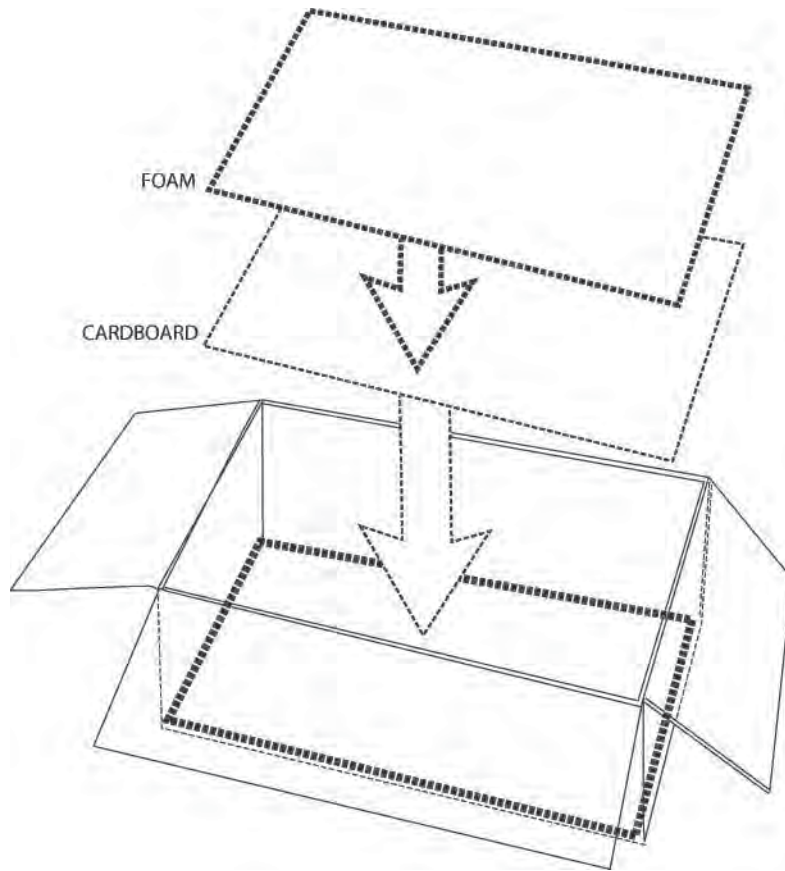


Figure 1. Preparing Box.

PREPARATION FOR STORAGE – CONTINUED

- Place plates into the boxes on either their short edge (with the non-angled base toward the bottom) or their long edge (with the angled edge on the left) (Figure 2).

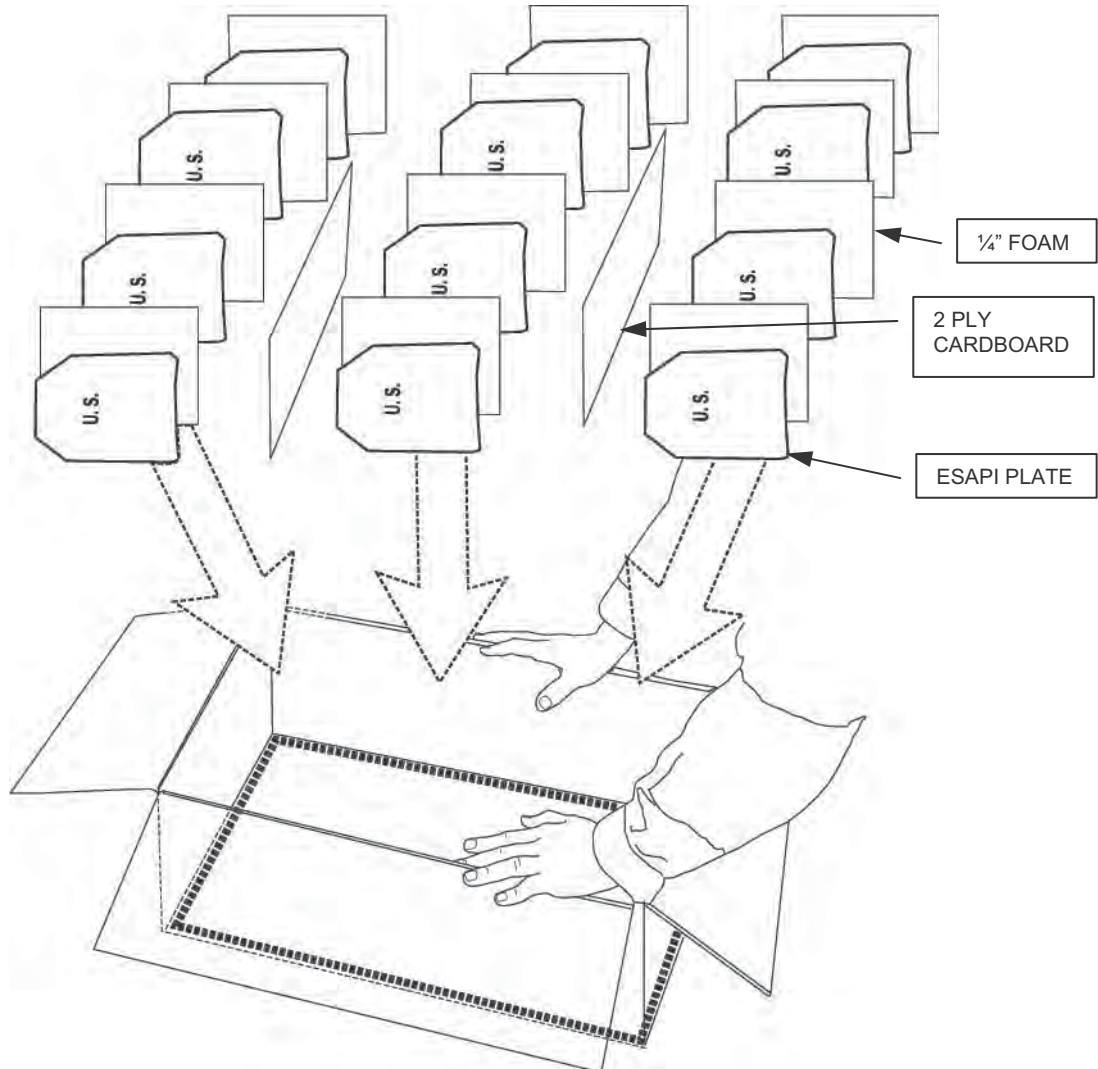


Figure 2. Inserting Plates (ESAPI Plates Stored Sideways Shown).

- Place a foam roll sheet between each plate.
- All plates should face same direction.
- Each row has a two-ply cardboard divider placed in between each row to prevent shifting of the plates during transportation. If additional padding is required to secure the plates, add two-ply cardboard as applicable.

PREPARATION FOR STORAGE – CONTINUED**NOTE**

Horizontal ESBI packing configuration and vertical ESAPI packing configuration are shown in Figure 4.

6. Once the plates are packed into rows, an additional layer of single density foam is placed on top and the lid is secured (Figure 3).

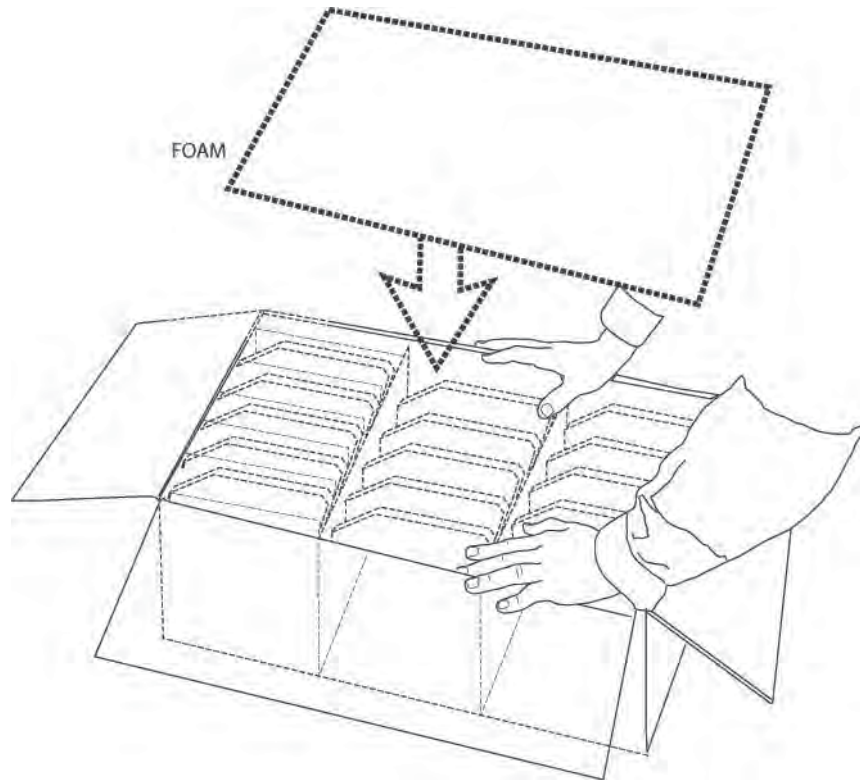


Figure 3. Closing the Box.

PREPARATION FOR STORAGE – CONTINUED

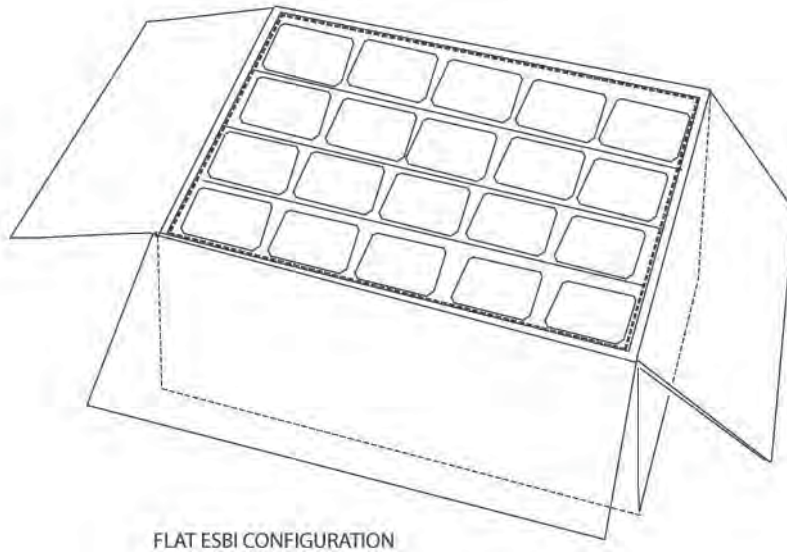
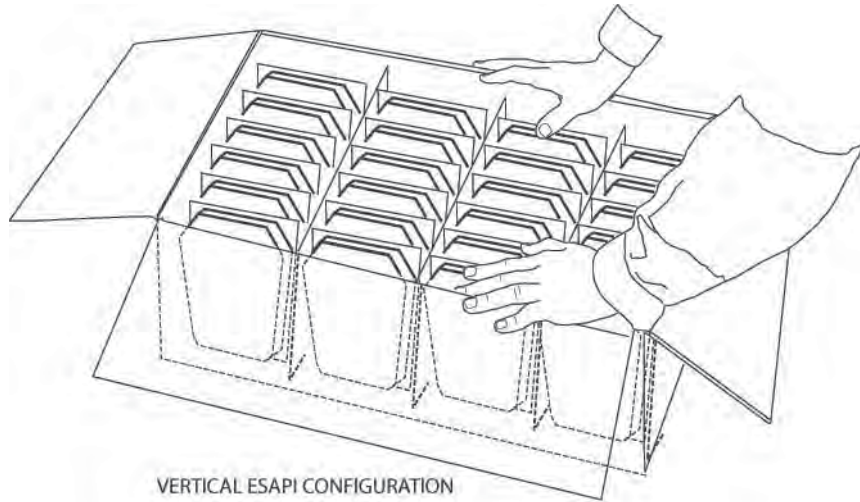


Figure 4. Alternate Packing Configurations.

Table 1. Number of Plates by Size and Orientation.

| Size | Total | Rows | # per Row | Orientation |
|------|-------|------|-----------|-------------|
| XL | 105 | 3 | 35 | Long Edge |
| L | 105 | 3 | 35 | Long Edge |
| M | 140 | 4 | 35 | Short Edge |
| S | 140 | 4 | 35 | Short Edge |
| XS | 140 | 4 | 35 | Short Edge |
| ESBI | 250 | 5 | 50 | Horizontal |

END OF TASK

PREPARATION FOR STORAGE – CONTINUED

PREPARATION FOR SHIPMENT

1. Package ESAPI/ESBI plates in the same manner as storage.
2. Band the tri-wall box to support plates during transportation.

END OF TASK

END OF WORK PACKAGE

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (OUTER TACTICAL VEST)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

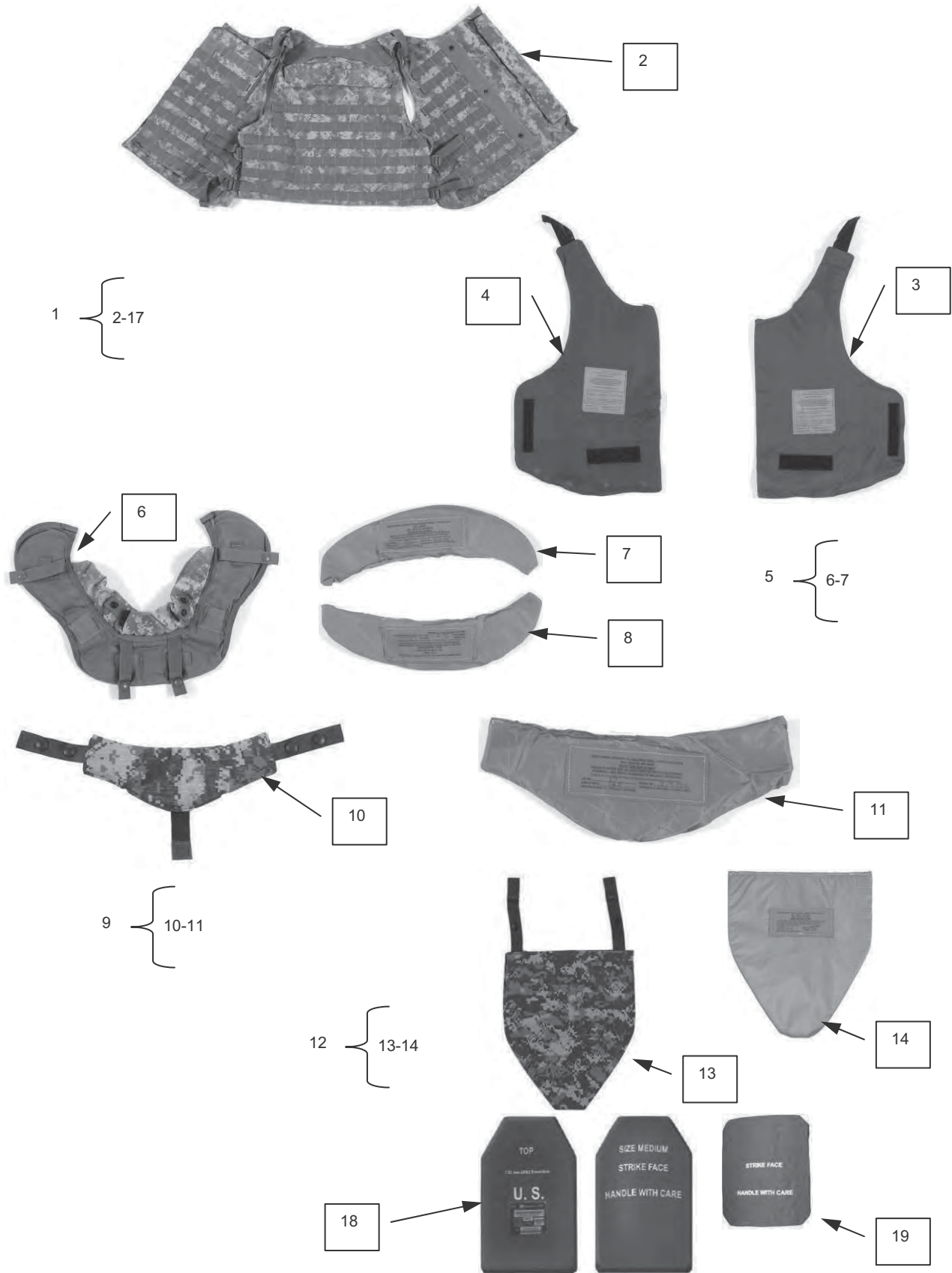


Figure 1. Interceptor Body Armor System Outer Tactical Vest.

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--|--------------------|------------------|--------------|-----------------------|---|------------|
| GROUP 01 | | | | | | |
| FIG. 1. INTERCEPTOR BODY ARMOR SYSTEM OUTER TACTICAL VEST | | | | | | |
| 1 | PAFDD | 8470-01-526-8747 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, X-SMALL | 1 |
| 1 | PAFDD | 8470-01-526-8748 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, SMALL | 1 |
| 1 | PAFDD | 8470-01-526-8750 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, MEDIUM | 1 |
| 1 | PAFDD | 8470-01-526-8753 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, LARGE | 1 |
| 1 | PAFDD | 8470-01-526-8752 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, X-LARGE | 1 |
| 1 | PAFDD | 8470-01-526-8754 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, XX-LARGE | 1 |
| 1 | PAFDD | 8470-01-526-8755 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, XXX-LARGE | 1 |
| 1 | PAFDD | 8470-01-526-8756 | 81337 | PD-00-02 | BASE VEST ASSEMBLY, UNIVERSAL CAMO, XXXX-LARGE | 1 |
| 2 | PAFDD | 8470-01-526-7907 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, X-SMALL | 1 |
| 2 | PAFDD | 8470-01-526-7910 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, SMALL | 1 |
| 2 | PAFDD | 8470-01-526-7913 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, MEDIUM | 1 |
| 2 | PAFDD | 8470-01-526-7916 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, LARGE | 1 |
| 2 | PAFDD | 8470-01-526-7915 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, X-LARGE | 1 |
| 2 | PAFDD | 8470-01-526-7917 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, XX-LARGE | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 2 | PAFDD | 8470-01-526-7920 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, XXX-LARGE | 1 |
| 2 | PAFDD | 8470-01-526-7921 | 81337 | PD-00-02 | .BASE VEST CARRIER (OUTERSHELL), UNIVERSAL CAMO, XXXX-LARGE | 1 |
| 3 | PADZZ | 8470-01-497-8654 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, X-SMALL | 1 |
| 3 | PADZZ | 8470-01-497-8655 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, SMALL | 1 |
| 3 | PADZZ | 8470-01-497-8656 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, MEDIUM | 1 |
| 3 | PADZZ | 8470-01-497-8658 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, LARGE | 1 |
| 3 | PADZZ | 8470-01-497-8659 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, X-LARGE | 1 |
| 3 | PADZZ | 8470-01-518-5953 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, XX-LARGE | 1 |
| 3 | PADZZ | 8470-01-518-5954 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, XXX-LARGE | 1 |
| 3 | PADZZ | 8470-01-518-5956 | 81337 | PD-00-02 | ..BALLISTIC INSERT, RIGHT FRONT, XXXX-LARGE | 1 |
| 4 | PADZZ | 8470-01-497-8662 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, X-SMALL | 1 |
| 4 | PADZZ | 8470-01-497-8664 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, SMALL | 1 |
| 4 | PADZZ | 8470-01-497-8666 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONTM, MEDIUM | 1 |
| 4 | PADZZ | 8470-01-497-8668 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, LARGE | 1 |
| 4 | PADZZ | 8470-01-497-8669 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, X-LARGE | 1 |
| 4 | PADZZ | 8470-01-518-5968 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, XX-LARGE | 1 |
| 4 | PADZZ | 8470-01-518-5969 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, XXX-LARGE | 1 |
| 4 | PADZZ | 8470-01-518-5975 | 81337 | PD-00-02 | ..BALLISTIC INSERT, LEFT FRONT, XXXX-LARGE | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 5 | PAFDD | 8470-01-526-7954 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, X-SMALL | 1 |
| 5 | PAFDD | 8470-01-526-7996 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, SMALL | 1 |
| 5 | PAFDD | 8470-01-526-7998 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, MEDIUM | 1 |
| 5 | PAFDD | 8470-01-526-7999 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, LARGE | 1 |
| 5 | PAFDD | 8470-01-526-8000 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, X-LARGE | 1 |
| 5 | PAFDD | 8470-01-526-8003 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, XX-LARGE | 1 |
| 5 | PAFDD | 8470-01-526-8006 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, XXX-LARGE | 1 |
| 5 | PAFDD | 8470-01-526-8015 | 81337 | PD-00-02 | .YOKE AND COLLAR ASSEMBLY, UNIVERSAL CAMO, XXXX-LARGE | 1 |
| 6 | PAFDD | 8470-01-526-8064 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, X-SMALL | 1 |
| 6 | PAFDD | 8470-01-526-8067 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, SMALL | 1 |
| 6 | PAFDD | 8470-01-526-8074 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, MEDIUM | 1 |
| 6 | PAFDD | 8470-01-526-8075 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, LARGE | 1 |
| 6 | PAFDD | 8470-01-526-8079 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, X-LARGE | 1 |
| 6 | PAFDD | 8470-01-526-8080 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, XX-LARGE | 1 |
| 6 | PAFDD | 8470-01-526-8081 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, XXX-LARGE | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 6 | PAFDD | 8470-01-526-8082 | 81337 | PD-00-02 | ..YOKE AND COLLAR CARRIER (OUTERSHELL) UNIVERSAL CAMO, XXXX-LARGE | 1 |
| 7 | PADZZ | 8470-01-497-8677 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, X-SMALL | 1 |
| 7 | PADZZ | 8470-01-497-8678 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, SMALL | 1 |
| 7 | PADZZ | 8470-01-497-8679 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, MEDIUM | 1 |
| 7 | PADZZ | 8470-01-497-8680 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, LARGE | 1 |
| 7 | PADZZ | 8470-01-497-8683 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, X-LARGE | 1 |
| 7 | PADZZ | 8470-01-518-5998 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, XX-LARGE | 1 |
| 7 | PADZZ | 8470-01-518-5999 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, XXX-LARGE | 1 |
| 7 | PADZZ | 8470-01-518-6001 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, RIGHT, XXXX-LARGE | 1 |
| 8 | PADZZ | 8470-01-497-8684 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, X-SMALL | 1 |
| 8 | PADZZ | 8470-01-497-8685 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, SMALL | 1 |
| 8 | PADZZ | 8470-01-497-8686 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, MEDIUM | 1 |
| 8 | PADZZ | 8470-01-497-8687 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, LARGE | 1 |
| 8 | PADZZ | 8470-01-497-8688 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, X-LARGE | 1 |
| 8 | PADZZ | 8470-01-518-6004 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, XX-LARGE | 1 |
| 8 | PADZZ | 8470-01-518-6006 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, XXX-LARGE | 1 |
| 8 | PADZZ | 8470-01-518-6007 | 81337 | PD-00-02 | ..BALLISTIC INSERT, COLLAR, LEFT, XXXX-LARGE | 1 |
| 9 | PAFDD | 8470-01-526-7925 | 81337 | PD-00-02 | .THROAT PROTECTOR ASSEMBLY, UNIVERSAL CAMO, ONE SIZE | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 10 | PAFDD | 8470-01-526-7933 | 81337 | PD-00-02 | ..THROAT PROTECTOR CARRIER (OUTERSHELL) UNIVERSAL CAMO, ONE SIZE | 1 |
| 11 | PADZZ | 8470-01-497-8640 | 81337 | PD-00-02 | ..BALLISTIC INSERT, THROAT PROTECTOR, ONE SIZE | 1 |
| 12 | PAFDD | 8470-01-526-8095 | 81337 | PD-00-02 | .GROIN PROTECTOR ASSEMBLY, UNIVERSAL CAMO, X-SM/MED LONG | 1 |
| 12 | PAFDD | 8470-01-526-8096 | 81337 | PD-00-02 | .GROIN PROTECTOR ASSEMBLY, UNIVERSAL CAMO, LRG/4X-LARGE | 1 |
| 13 | PAFDD | 8470-01-526-8051 | 81337 | PD-00-02 | ..GROIN PROTECTOR CARRIER (OUTERSHELL) UNIVERSAL CAMO, X-SM/MED LONG | 1 |
| 13 | PAFDD | 8470-01-526-8053 | 81337 | PD-00-02 | ..GROIN PROTECTOR CARRIER (OUTERSHELL) UNIVERSAL CAMO, LRG/4X-LARGE | 1 |
| 14 | PADZZ | 8470-01-497-8626 | 81337 | PD-00-02 | ..INSERT, BALLISTIC, GROIN PROTECTOR, X-SM/MED LONG | 1 |
| 14 | PADZZ | 8470-01-497-8627 | 81337 | PD-00-02 | ..INSERT, BALLISTIC, GROIN PROTECTOR, LRG/4X-LARGE | 1 |
| 15 | PAFDD | 8470-01-537-0504 | 81337 | PD-00-02 | .ESBI CARRIER ASSEMBLY, UNIVERSAL | 1 |
| 16 | PAFDD | 8470-01-536-9284 | 81337 | PD-00-02 | ..ESBI CARRIER OUTERSHELL, UNIVERSAL | 1 |
| 17 | PADZZ | 8470-01-537-0511 | 81337 | PD-00-02 | ..ESBI CARRIER, BALLISTIC PANEL | 1 |
| 18 | PADZZ | 8470-01-497-8701 | 81337 | PD-00-03A | .SMALL ARMS PROTECTIVE INSERT (SAPI), X-SMALL | 2 |
| 18 | PADZZ | 8470-01-497-8709 | 81337 | PD-00-03A | .SMALL ARMS PROTECTIVE INSERT (SAPI), SMALL | 2 |
| 18 | PADZZ | 8470-01-497-8710 | 81337 | PD-00-03A | .SMALL ARMS PROTECTIVE INSERT (SAPI), MEDIUM | 2 |
| 18 | PADZZ | 8470-01-497-8712 | 81337 | PD-00-03A | .SMALL ARMS PROTECTIVE INSERT (SAPI), LARGE | 2 |
| 18 | PADZZ | 8470-01-497-8714 | 81337 | PD-00-03A | .SMALL ARMS PROTECTIVE INSERT (SAPI), X-LARGE | 2 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 18 | PADZZ | 8470-01-520-7360 | 81337 | CO/PD 04-10 | .ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-SMALL | 2 |
| 18 | PADZZ | 8470-01-520-7370 | 81337 | CO/PD 04-10 | .ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), SMALL | 2 |
| 18 | PADZZ | 8470-01-520-7373 | 81337 | CO/PD 04-10 | .ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), MEDIUM | 2 |
| 18 | PADZZ | 8470-01-520-7385 | 81337 | CO/PD 04-10 | .ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), LARGE | 2 |
| 18 | PADZZ | 8470-01-520-7382 | 81337 | CO/PD 04-10 | .ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-LARGE | 2 |
| 18 | PADZZ | 8470-01-547-9555 | 81337 | FQ/PD 07-03 | .X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-SMALL | 2 |
| 18 | PADZZ | 8470-01-547-9722 | 81337 | FQ/PD 07-03 | .X SMALL ARMS PROTECTIVE INSERT (XSAPI), SMALL | 2 |
| 18 | PADZZ | 8470-01-547-9726 | 81337 | FQ/PD 07-03 | .X SMALL ARMS PROTECTIVE INSERT (XSAPI), MEDIUM | 2 |
| 18 | PADZZ | 8470-01-547-9779 | 81337 | FQ/PD 07-03 | .X SMALL ARMS PROTECTIVE INSERT (XSAPI), LARGE | 2 |
| 18 | PADZZ | 8470-01-547-9780 | 81337 | FQ/PD 07-03 | .X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-LARGE | 2 |
| 19 | PADZZ | 8470-01-536-7227 | 81337 | CO/PD 06-20 | .ENHANCED SIDE BALLISTIC INSERT (ESBI) (PLATE) | 2 |

END OF FIGURE

**FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IOTV GEN I)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)**

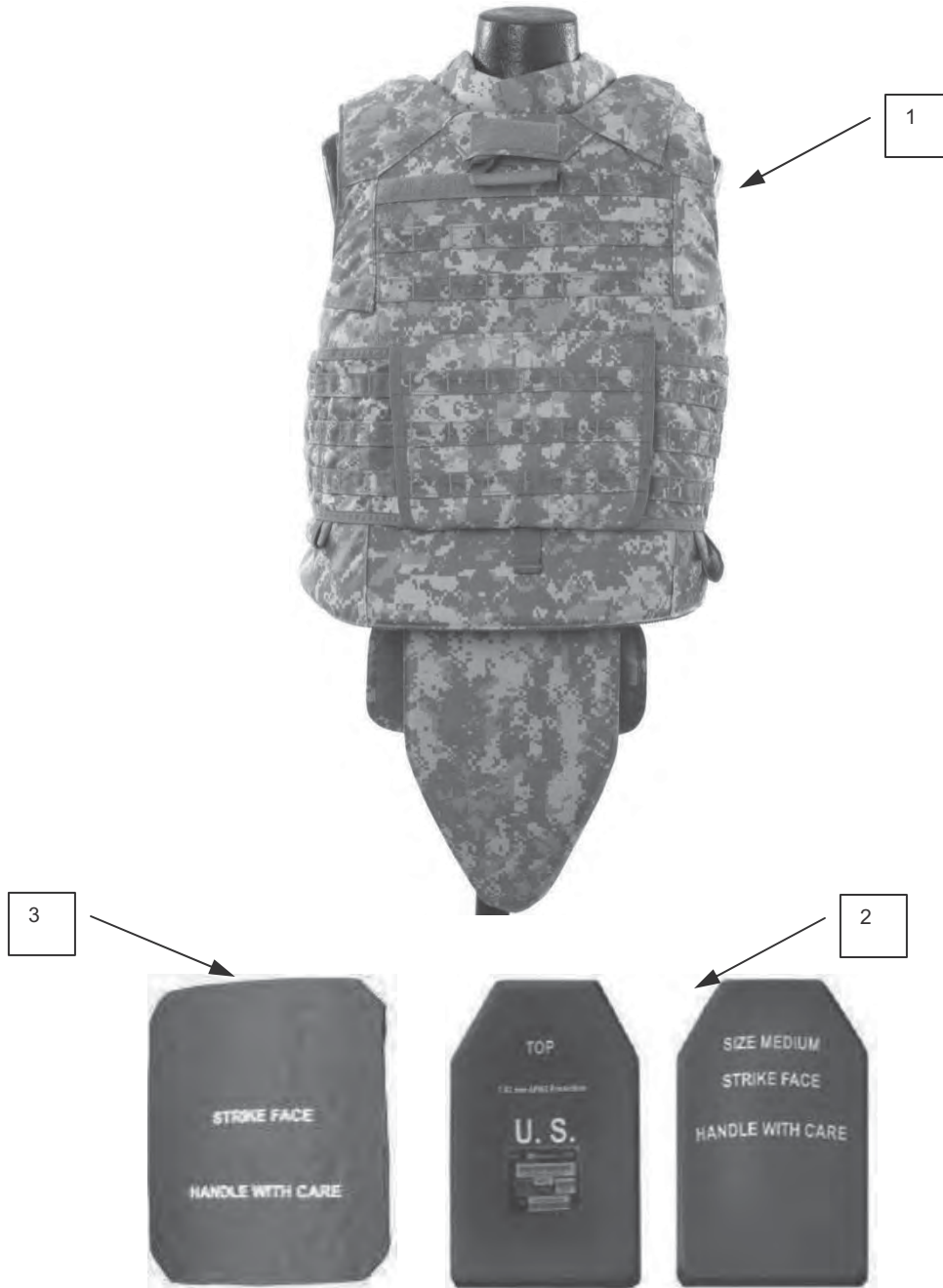


Figure 2. Interceptor Body Armor System Improved Outer Tactical Vest (IOTV Gen I).

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|---|--------------------|------------------|--------------|-----------------------|--|------------|
| GROUP 02 | | | | | | |
| FIG. 2. INTERCEPTOR BODY ARMOR SYSTEM IOTV GEN I | | | | | | |
| 1 | PAFDD | 8470-01-551-7640 | 3T951 | 1091-XS | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE),X- SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7642 | 3T951 | 1091-SM | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7643 | 3T951 | 1091-MD | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM,, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7647 | 3T951 | 1091-MDL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7648 | 3T951 | 1091-LG | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7652 | 3T951 | 1091-LL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7653 | 3T951 | 1091-XL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7654 | 3T951 | 1091-XLL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X- LARGE-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7655 | 3T951 | 1091-2XL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XX- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7656 | 3T951 | 1091-3XL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXX- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7658 | 3T951 | 1091-4XL | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXXX-LARGE, UCP | 1 |
| 2 | PADZZ | 8470-01-497-8701 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), 2 X-SMALL | 2 |
| 2 | PADZZ | 8470-01-497-8709 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), 2 SMALL | 2 |
| 2 | PADZZ | 8470-01-497-8710 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), 2 MEDIUM | 2 |
| 2 | PADZZ | 8470-01-497-8712 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), 2 LARGE | 2 |
| 2 | PADZZ | 8470-01-497-8714 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), 2 X-LARGE | 2 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 2 | PADZZ | 8470-01-520-7360 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-SMALL | 2 |
| 2 | PADZZ | 8470-01-520-7370 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), SMALL | 2 |
| 2 | PADZZ | 8470-01-520-7373 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), MEDIUM | 2 |
| 2 | PADZZ | 8470-01-520-7385 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), LARGE | 2 |
| 2 | PADZZ | 8470-01-520-7382 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-LARGE | 2 |
| 2 | PADZZ | 8470-01-547-9555 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-SMALL | 2 |
| 2 | PADZZ | 8470-01-547-9722 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), SMALL | 2 |
| 2 | PADZZ | 8470-01-547-9726 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), MEDIUM | 2 |
| 2 | PADZZ | 8470-01-547-9779 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), LARGE | 2 |
| 2 | PADZZ | 8470-01-547-9780 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-LARGE | 2 |
| 3 | PADZZ | 8470-01-536-7227 | 81337 | CO/PD 06-20 | ENHANCED SIDE BALLISTIC INSERT (ESBI) (PLATE) | 2 |

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IMPROVED OUTER TACTICAL VEST GEN I)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

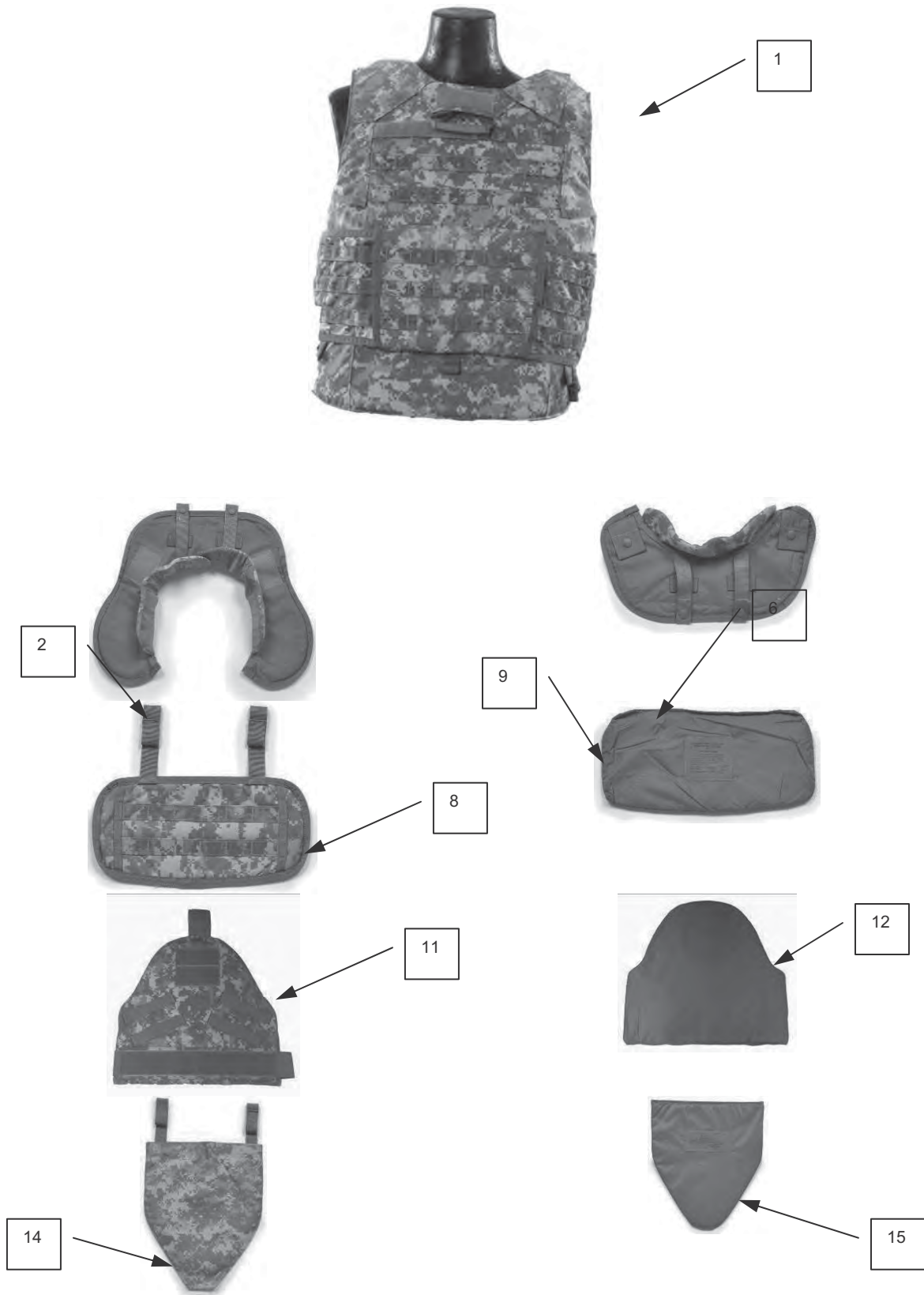


Figure 3. Interceptor Body Armor System IOTV Complete.

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--|--------------------|------------------|--------------|-----------------------|--|------------|
| GROUP 0201 | | | | | | |
| FIG. 3. INTERCEPTOR BODY ARMOR SYSTEM IOTV COMPLETE | | | | | | |
| 1 | PAFDD | 8470-01-551-7676 | 3T951 | 1519-XS | BASE VEST ASSEMBLY, IOTV, X-SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7678 | 3T951 | 1519-SM | BASE VEST ASSEMBLY, IOTV, SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7680 | 3T951 | 1519-MD | BASE VEST ASSEMBLY, IOTV, MEDIUM, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7681 | 3T951 | 1519-MDL | BASE VEST ASSEMBLY, IOTV, MEDIUM- LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7682 | 3T951 | 1519-LG | BASE VEST ASSEMBLY, IOTV, LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7685 | 3T951 | 1519-LL | BASE VEST ASSEMBLY, IOTV, LARGE- LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7684 | 3T951 | 1519-XL | BASE VEST ASSEMBLY, IOTV, X-LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7686 | 3T951 | 1519-XLL | BASE VEST ASSEMBLY, IOTV, X-LARGE- LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7687 | 3T951 | 1519-2XL | BASE VEST ASSEMBLY, IOTV, XX-LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7688 | 3T951 | 1519-3XL | BASE VEST ASSEMBLY, IOTV, XXX- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7690 | 3T951 | 1519-4XL | BASE VEST ASSEMBLY, IOTV, XXXX- LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8125 | 3T951 | 1092-XS | YOKE AND COLLAR ASSEMBLY, BACK, X- SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8126 | 3T951 | 1092-SM | YOKE AND COLLAR ASSEMBLY, BACK, SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8134 | 3T951 | 1092-MD | YOKE AND COLLAR ASSEMBLY, BACK, MEDIUM, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8148 | 3T951 | 1092-LG | YOKE AND COLLAR ASSEMBLY, BACK, LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8153 | 3T951 | 1092-XL | YOKE AND COLLAR ASSEMBLY, BACK, X- LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8154 | 3T951 | 1092-2XL | YOKE AND COLLAR ASSEMBLY, BACK, 2XL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8155 | 3T951 | 1092-3XL | YOKE AND COLLAR ASSEMBLY, BACK, 3XL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-8156 | 3T951 | 1092-4XL | YOKE AND COLLAR ASSEMBLY, BACK, 4XL, UCP | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 3 | PAFDD | 8470-01-551-8159 | 3T951 | 1504-XS | .YOKE/COLLAR CARRIER (OUTERSHELL), X-SMALL, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8162 | 3T951 | 1504-SM | .YOKE/COLLAR CARRIER (OUTERSHELL), SMALL, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8171 | 3T951 | 1504-MD | .YOKE/COLLAR CARRIER (OUTERSHELL), MEDIUM, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8172 | 3T951 | 1504-LG | .YOKE/COLLAR CARRIER (OUTERSHELL), LARGE, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8177 | 3T951 | 1504-XL | .YOKE/COLLAR CARRIER (OUTERSHELL), X-LARGE, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8178 | 3T951 | 1054-2XL | .YOKE/COLLAR CARRIER (OUTERSHELL), XX-LARGE, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8179 | 3T951 | 1054-3XL | .YOKE/COLLAR CARRIER (OUTERSHELL), XXX-LARGE, UCP | 1 |
| 3 | PAFDD | 8470-01-551-8180 | 3T951 | 1043-4XL | .YOKE/COLLAR CARRIER (OUTERSHELL), XXXX-LARGE, UCP | 1 |
| 4 | PADZZ | 8470-01-551-8192 | 3T951 | 1505-XS | .RIGHT COLLAR BALLISTIC INSERT, X- SMALL | 1 |
| 4 | PADZZ | 8470-01-551-8198 | 3T951 | 1505-SM | .RIGHT COLLAR BALLISTIC INSERT, SMALL | 1 |
| 4 | PADZZ | 8470-01-551-8199 | 3T951 | 1505-MD | .RIGHT COLLAR BALLISTIC INSERT, MEDIUM | 1 |
| 4 | PADZZ | 8470-01-551-8200 | 3T951 | 1505-LG | .RIGHT COLLAR BALLISTIC INSERT, LARGE | 1 |
| 4 | PADZZ | 8470-01-551-8201 | 3T951 | 1505-XL | .RIGHT COLLAR BALLISTIC INSERT, X- LARGE | 1 |
| 4 | PADZZ | 8470-01-551-8202 | 3T951 | 1505-2XL | .RIGHT COLLAR BALLISTIC INSERT, XX- LARGE | 1 |
| 4 | PADZZ | 8470-01-551-8204 | 3T951 | 1505-3XL | .RIGHT COLLAR BALLISTIC INSERT, XXX- LARGE | 1 |
| 4 | PADZZ | 8470-01-551-8205 | 3T951 | 1505-4XL | .RIGHT COLLAR BALLISTIC INSERT, XXXX- LARGE | 1 |
| 5 | PADZZ | 8470-01-551-8206 | 3T951 | 1506-XS | .LEFT COLLAR BALLISTIC INSERT, X- SMALL | 1 |
| 5 | PADZZ | 8470-01-551-8208 | 3T951 | 1506-SM | .LEFT COLLAR BALLISTIC INSERT, SMALL | 1 |
| 5 | PADZZ | 8470-01-551-8210 | 3T951 | 1506-MD | .LEFT COLLAR BALLISTIC INSERT, MEDIUM | 1 |
| 5 | PADZZ | 8470-01-551-8212 | 3T951 | 1506-LG | .LEFT COLLAR BALLISTIC INSERT, LARGE | 1 |
| 5 | PADZZ | 8470-01-551-8218 | 3T951 | 1506-XL | .LEFT COLLAR BALLISTIC INSERT, X- LARGE | 1 |
| 5 | PADZZ | 8470-01-551-8220 | 3T951 | 1506-2XL | .LEFT COLLAR BALLISTIC INSERT, XX- LARGE | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 5 | PADZZ | 8470-01-551-8222 | 3T951 | 1506-3XL | .LEFT COLLAR BALLISTIC INSERT, XXX-LARGE | 1 |
| 5 | PADZZ | 8470-01-551-8270 | 3T951 | 1506-4XL | .LEFT COLLAR BALLISTIC INSERT, XXXX-LARGE | 1 |
| 6 | PADZZ | 8470-01-551-8182 | 3T951 | 1094 | YOKE ASSEMBLY, FRONT, IOTV (THROAT), ONE SIZE | 1 |
| 7 | PAFDD | 8470-01-551-8516 | 3T951 | 1093 | LOWER BACK PROTECTOR ASSEMBLY, IOTV, ONE SIZE, UCP | 1 |
| 8 | PAFDD | 8470-01-564-3393 | 3T951 | 1516 | .LOWER BACK PROTECTOR CARRIER(OUTERSHELL), IOTV, ONE SIZE, UCP | 1 |
| 9 | PADDD | 8470-01-551-8518 | 81337 | 2-2-1029-101 | .LOWER BACK PROTECTOR INSERT, ONE SIZE | 1 |
| 10 | PAFDD | 8470-01-556-1944 | 81337 | CO/PD 07-10 | DELTOID PROTECTOR ASSEMBLY, IOTV, XS-SM, UCP | 1 |
| 10 | PAFDD | 8470-01-556-2238 | 81337 | CO/PD 07-10 | DELTOID PROTECTOR ASSEMBLY, IOTV, MD-LG, UCP | 1 |
| 10 | PAFDD | 8470-01-526-9667 | 81337 | CO/PD 07-10 | DELTOID PROTECTOR ASSEMBLY, IOTV, XL-4XL, UCP | 1 |
| 11 | PAFDD | 8470-01-556-2100 | 81337 | CO/PD 07-10 | .DELTOID PROTECTOR OUTERSHELL, IOTV, XS-SM, UCP | 2 |
| 11 | PAFDD | 8470-01-556-2168 | 81337 | CO/PD 07-10 | .DELTOID PROTECTOR OUTERSHELL, IOTV, MD-LG, UCP | 2 |
| 11 | PAFDD | 8470-01-526-9657 | 81337 | CO/PD 07-10 | .DELTOID PROTECTOR OUTERSHELL, IOTV, XL-4XL, UCP | 2 |
| 12 | PADDD | 8470-01-556-2192 | 81337 | 2-2-1023-101 | .BALLISTIC PANEL, DELTOID PROTECTOR, XS-SM | 2 |
| 12 | PADDD | 8470-01-556-2187 | 81337 | 2-2-1023-102 | .BALLISTIC PANEL, DELTOID PROTECTOR, MD-LG | 2 |
| 12 | PADDD | 8470-01-520-7349 | 81337 | 2-2-1023-103 | .BALLISTIC PANEL, DELTOID PROTECTOR, XL-4XL | 2 |
| 13 | PAFDD | 8470-01-526-8095 | 81337 | PD-00-02 | GROIN PROTECTOR ASSEMBLY, IOTV, XS-MED LONG, UCP | 1 |
| 13 | PAFDD | 8470-01-526-8096 | 81337 | PD-00-02 | GROIN PROTECTOR ASSEMBLY, IOTV, LG-4XL, UCP | 1 |
| 14 | PAFDD | 8470-01-526-8051 | 81337 | PD-00-02 | .GROIN PROTECTOR CARRIER(OUTERSHELL), IOTV, XS-MED LONG, UCP | 1 |
| 14 | PAFDD | 8470-01-526-8053 | 81337 | PD-00-02 | .GROIN PROTECTOR CARRIER(OUTERSHELL), IOTV, LG-4XL, UCP | 1 |
| 15 | PADDD | 8470-01-497-8626 | 81337 | 2-2-1026-101 | .INSERT, BALLISTIC, GROIN PROTECTOR, XS-MED LONG | 1 |
| 15 | PADDD | 8470-01-497-8627 | 81337 | 2-2-1026-102 | .INSERT, BALLISTIC, GROIN PROTECTOR, | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------|--------------|-----------------------|--|------------|
|--------------------|--------------------|------------|--------------|-----------------------|--|------------|

LG-4XL

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IMPROVED OUTER TACTICAL VEST GEN I)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)



Figure 4. Base Vest Assembly (IOTV Gen I).

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--|--------------------|------------------|--------------|-----------------------|--|------------|
| GROUP 020101 | | | | | | |
| FIG. 4. BASE VEST ASSEMBLY (IOTV GEN I) | | | | | | |
| 1 | PAFDD | 8470-01-551-7749 | 3T951 | 1520-XS | FRONT, BASE VEST ASSEMBLY, IOTV, X- SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7752 | 3T951 | 1520-SM | FRONT, BASE VEST ASSEMBLY, IOTV, SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7754 | 3T951 | 1520-MD | FRONT, BASE VEST ASSEMBLY, IOTV, MEDIUM, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7760 | 3T951 | 1520-MDL | FRONT, BASE VEST ASSEMBLY, IOTV, MEDIUM-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7759 | 3T951 | 1520-LG | FRONT, BASE VEST ASSEMBLY, IOTV, LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7761 | 3T951 | 1520-LL | FRONT, BASE VEST ASSEMBLY, IOTV, LARGE-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7766 | 3T951 | 1520-XL | FRONT, BASE VEST ASSEMBLY, IOTV, X- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7773 | 3T951 | 1520-XXL | FRONT, BASE VEST ASSEMBLY, IOTV, X- LARGE-LONG, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7768 | 3T951 | 1520-2XL | FRONT, BASE VEST ASSEMBLY, IOTV, XX- LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7767 | 3T951 | 1520-3XL | FRONT, BASE VEST ASSEMBLY, IOTV, XXX-LARGE, UCP | 1 |
| 1 | PAFDD | 8470-01-551-7772 | 3T951 | 1520-4XL | FRONT, BASE VEST ASSEMBLY, IOTV, XXXX-LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7698 | 3T951 | 1500-XS | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7701 | 3T951 | 1500-SM | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7703 | 3T951 | 1500-MD | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, MEDIUM, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7705 | 3T951 | 1500-MDL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, MEDIUM-LONG, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7706 | 3T951 | 1500-LG | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7707 | 3T951 | 1500-LL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, LARGE-LONG, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7708 | 3T951 | 1500-XL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7711 | 3T951 | 1500-XLL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-LARGE-LONG, UCP | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 2 | PAFDD | 8470-01-551-7712 | 3T951 | 1500-2XL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XX-LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7713 | 3T951 | 1500-3XL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XXX-LARGE, UCP | 1 |
| 2 | PAFDD | 8470-01-551-7714 | 3T951 | 1500-4XL | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XXXX-LARGE, UCP | 1 |
| 3 | PADDD | 8470-01-551-8039 | 3T951 | 1502-XS | .FRONT BALLISTIC INSERT, X-SMALL | 1 |
| 3 | PADDD | 8470-01-551-8040 | 3T951 | 1502-SM | .FRONT BALLISTIC INSERT, SMALL | 1 |
| 3 | PADDD | 8470-01-551-8042 | 3T951 | 1502-MD | FRONT BALLISTIC INSERT, MEDIUM | 1 |
| 3 | PADDD | 8470-01-551-8044 | 3T951 | 1502-MDL | .FRONT BALLISTIC INSERT, MEDIUM- LONG | 1 |
| 3 | PADDD | 8470-01-551-8045 | 3T951 | 1502-LG | .FRONT BALLISTIC INSERT, LARGE | 1 |
| 3 | PADDD | 8470-01-551-8047 | 3T951 | 1502-LL | .FRONT BALLISTIC INSERT, LARGE-LONG | 1 |
| 3 | PADDD | 8470-01-551-8050 | 3T951 | 1502-XL | .FRONT BALLISTIC INSERT, X-LARGE | 1 |
| 3 | PADDD | 8470-01-551-8051 | 3T951 | 1502-XXL | .FRONT BALLISTIC INSERT, X-LARGE- LONG | 1 |
| 3 | PADDD | 8470-01-551-8053 | 3T951 | 1502-2XL | .FRONT BALLISTIC INSERT, XX-LARGE | 1 |
| 3 | PADDD | 8470-01-551-8054 | 3T951 | 1502-3XL | .FRONT BALLISTIC INSERT, XXX-LARGE | 1 |
| 3 | PADDD | 8470-01-551-8055 | 3T951 | 1502-4XL | .FRONT BALLISTIC INSERT, XXXX-LARGE | 1 |
| 4 | PAFDD | 8470-01-551-7789 | 3T951 | 1521-XS | BACK, BASE VEST ASSEMBLY, IOTV GEN II, X-SMALL, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7792 | 3T951 | 1521-SM | BACK, BASE VEST ASSEMBLY, IOTV GEN II, SMALL, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7794 | 3T951 | 1521-MD | BACK, BASE VEST ASSEMBLY, IOTV GEN II, MEDIUM, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7795 | 3T951 | 1521-MDL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, MEDIUM-LONG, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7826 | 3T951 | 1521-LG | BACK, BASE VEST ASSEMBLY, IOTV GEN II, LARGE, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7804 | 3T951 | 1521-LL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, LARGE-LONG, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7806 | 3T951 | 1521-XL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, X-LARGE, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7828 | 3T951 | 1521-XXL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, X-LARGE-LONG, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7830 | 3T951 | 1521-2XL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, XX-LARGE, UCP | 1 |
| 4 | PAFDD | 8470-01-551-7832 | 3T951 | 1521-3XL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, XXX-LARGE, UCP | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 4 | PAFDD | 8470-01-551-7831 | 3T951 | 1521-4XL | BACK, BASE VEST ASSEMBLY, IOTV GEN II, XXXX-LARGE, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7718 | 3T951 | 1501-XS | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7721 | 3T951 | 1501-SM | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, SMALL, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7724 | 3T951 | 1501-MD | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, MEDIUM, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7726 | 3T951 | 1501-MDL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, MEDIUM-LONG, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7735 | 3T951 | 1501-LG | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, LARGE, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7737 | 3T951 | 1501-LL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, LARGE-LONG, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7738 | 3T951 | 1501-XL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-LARGE, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7739 | 3T951 | 1501-XLL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-LARGE-LONG, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7740 | 3T951 | 1501-2XL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XX-LARGE, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7741 | 3T951 | 1501-3XL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XXX-LARGE, UCP | 1 |
| 5 | PAFDD | 8470-01-551-7743 | 3T951 | 1501-4XL | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, XXXX-LARGE, UCP | 1 |
| 6 | PADDD | 8470-01-551-8057 | 3T951 | 1503-XS | .BACK BALLISTIC INSERT, X-SMALL | 1 |
| 6 | PADDD | 8470-01-551-8058 | 3T951 | 1503-SM | .BACK BALLISTIC INSERT, SMALL | 1 |
| 6 | PADDD | 8470-01-551-8062 | 3T951 | 1503-MD | .BACK BALLISTIC INSERT, MEDIUM | 1 |
| 6 | PADDD | 8470-01-551-8063 | 3T951 | 1503-MDL | .BACK BALLISTIC INSERT, MEDIUM-LONG | 1 |
| 6 | PADDD | 8470-01-551-8064 | 3T951 | 1503-LG | .BACK BALLISTIC INSERT, LARGE | 1 |
| 6 | PADDD | 8470-01-551-8074 | 3T951 | 1503-LL | .BACK BALLISTIC INSERT, LARGE-LONG | 1 |
| 6 | PADDD | 8470-01-551-8075 | 3T951 | 1503-XL | .BACK BALLISTIC INSERT, X-LARGE | 1 |
| 6 | PADDD | 8470-01-551-8079 | 3T951 | 1503-XXL | .BACK BALLISTIC INSERT, X-LARGE-LONG | 1 |
| 6 | PADDD | 8470-01-551-8078 | 3T951 | 1503-2XL | .BACK BALLISTIC INSERT, XX-LARGE | 1 |
| 6 | PADDD | 8470-01-551-8086 | 3T951 | 1503-3XL | .BACK BALLISTIC INSERT, XXX-LARGE | 1 |
| 6 | PADDD | 8470-01-551-8087 | 3T951 | 1503-4XL | .BACK BALLISTIC INSERT, XXXX-LARGE | 1 |
| 7 | PAFDD | 8470-01-551-8093 | 3T951 | 1507-XSS | RIGHT EXTERNAL SIDE PLATE CARRIER, XS-SM | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 7 | PAFDD | 8470-01-551-8095 | 3T951 | 1507-MLG | RIGHT EXTERNAL SIDE PLATE CARRIER, MD-LG | 1 |
| 7 | PAFDD | 8470-01-551-8096 | 3T951 | 1507-2XL | RIGHT EXTERNAL SIDE PLATE CARRIER,XL-2XL | 1 |
| 7 | PAFDD | 8470-01-551-8101 | 3T951 | 1507-X34 | RIGHT EXTERNAL SIDE PLATE CARRIER, 3XL-4XL | 1 |
| 8 | PAFDD | 8470-01-551-8113 | 3T951 | 1508-XSS | LEFT EXTERNAL SIDE PLATE CARRIER, XS-SM | 1 |
| 8 | PAFDD | 8470-01-551-8114 | 3T951 | 1508-MLG | LEFT EXTERNAL SIDE PLATE CARRIER, MD-LG | 1 |
| 8 | PAFDD | 8470-01-551-8115 | 3T951 | 1508-2XL | LEFT EXTERNAL SIDE PLATE CARRIER,XL-2XL | 1 |
| 8 | PAFDD | 8470-01-551-8120 | 3T951 | 1508-X34 | LEFT EXTERNAL SIDE PLATE CARRIER,3XL-4XL | 1 |
| 9 | PAFDD | 8470-01-551-8631 | 81337 | 2-2-1037-101 | RIGHT INTERNAL WAISTBAND, XS-SM, UCP | 1 |
| 9 | PAFDD | 8470-01-551-8632 | 81337 | 2-2-1037-102 | RIGHT INTERNAL WAISTBAND, MD-LG, UCP | 1 |
| 9 | PAFDD | 8470-01-551-8633 | 81337 | 2-2-1037-103 | RIGHT INTERNAL WAISTBAND, XL-2XL, UCP | 1 |
| 9 | PAFDD | 8470-01-551-8634 | 81337 | 2-2-1037-104 | RIGHT INTERNAL WAISTBAND, 3XL-4XL, UCP | 1 |
| 10 | PAFDD | 8470-01-551-8620 | 81337 | 2-2-1035-101 | LEFT INTERNAL WAISTBAND, XS-SM, UCP | 1 |
| 10 | PAFDD | 8470-01-551-8623 | 81337 | 2-2-1035-102 | LEFT INTERNAL WAISTBAND, MD-LG, UCP | 1 |
| 10 | PAFDD | 8470-01-551-8624 | 81337 | 2-2-1035-103 | LEFT INTERNAL WAISTBAND, XL-2XL, UCP | 1 |
| 10 | PAFDD | 8470-01-551-8627 | 81337 | 2-2-1035-104 | LEFT INTERNAL WAISTBAND, 3XL-4XL, UCP | 1 |
| 11 | PAFZZ | 8305-01-551-8940 | 81337 | 2-2-1020-101 | CABLE ASSEMBLY, XS-SM, UCP | 1 |
| 11 | PAFZZ | 8305-01-551-8941 | 81337 | 2-2-1020-102 | CABLE ASSEMBLY, MD-LG (L), UCP | 1 |
| 11 | PAFZZ | 8305-01-551-8942 | 81337 | 2-2-1020-103 | CABLE ASSEMBLY, XL-XL (L), UCP | 1 |
| 11 | PAFZZ | 8305-01-551-8943 | 81337 | 2-2-1020-104 | CABLE ASSEMBLY, 2XL-4XL, UCP | 1 |

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IMPROVED OUTER TACTICAL VEST GEN II)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

FIGURE NOT AVAILABLE

Figure 5. Interceptor Body Armor Improved Outer Tactical Vest Gen II.

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|---|--------------------|------------------|--------------|-----------------------|---|------------|
| GROUP 03 | | | | | | |
| FIG. 5. INTERCEPTOR BODY ARMOR IMPROVED OUTER TACTICAL VEST GEN II | | | | | | |
| 1 | PAFDD | 8470-01-556-1703 | 81337 | 2-2-1010-101 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE),X-SMALL, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-201 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE),X-SMALL, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1715 | 81337 | 2-2-1010-102 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), SMALL, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-202 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), SMALL, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1460 | 81337 | 2-2-1010-103 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM,, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-203 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM,, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1491 | 81337 | 2-2-1010-104 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM-LONG, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-204 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), MEDIUM-LONG, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1571 | 81337 | 2-2-1010-105 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-205 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1575 | 81337 | 2-2-1010-106 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE-LONG, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-206 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), LARGE-LONG, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1576 | 81337 | 2-2-1010-107 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X-LARGE, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-207 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X-LARGE, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1577 | 81337 | 2-2-1010-108 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X-LARGE-LONG, UCP | 1 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 1 | PAFDD | | 81337 | 2-2-1010-208 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), X-LARGE-LONG, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1579 | 81337 | 2-2-1010-109 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XX-LARGE, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-209 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XX-LARGE, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1581 | 81337 | 2-2-1010-110 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXX-LARGE, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-210 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXX-LARGE, OCP | 1 |
| 1 | PAFDD | 8470-01-556-1582 | 81337 | 2-2-1010-111 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXXX-LARGE, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-211 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE), XXXX-LARGE, OCP | 1 |
| 2 | PADZZ | 8470-01-497-8701 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), X-SMALL | |
| 2 | PADZZ | 8470-01-497-8709 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), SMALL | 2 |
| 2 | PADZZ | 8470-01-497-8710 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), MEDIUM | 2 |
| 2 | PADZZ | 8470-01-497-8712 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), LARGE | 2 |
| 2 | PADZZ | 8470-01-497-8714 | 81337 | PD-00-03A | SMALL ARMS PROTECTIVE INSERT (SAPI), X-LARGE | 2 |
| 2 | PADZZ | 8470-01-520-7360 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-SMALL | 2 |
| 2 | PADZZ | 8470-01-520-7370 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), SMALL | 2 |
| 2 | PADZZ | 8470-01-520-7373 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), MEDIUM | 2 |
| 2 | PADZZ | 8470-01-520-7385 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), LARGE | 2 |
| 2 | PADZZ | 8470-01-520-7382 | 81337 | CO/PD 04-10 | ENHANCED SMALL ARMS PROTECTIVE INSERT (ESAPI), X-LARGE | 2 |
| 2 | PADZZ | 8470-01-547-9555 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-SMALL | 2 |
| 2 | PADZZ | 8470-01-547-9722 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), SMALL | 2 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
| 2 | PADZZ | 8470-01-547-9726 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), MEDIUM | 2 |
| 2 | PADZZ | 8470-01-547-9779 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), LARGE | 2 |
| 2 | PADZZ | 8470-01-547-9780 | 81337 | FQ/PD 07-03 | X SMALL ARMS PROTECTIVE INSERT (XSAPI), X-LARGE | 2 |
| 3 | PADZZ | 8470-01-536-7227 | 81337 | CO/PD 06-20 | ENHANCED SIDE BALLISTIC INSERT (ESBI) (PLATE) | 2 |

END OF FIGURE

FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IMPROVED OUTER TACTICAL VEST GEN II)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

1 { 2
Through
7

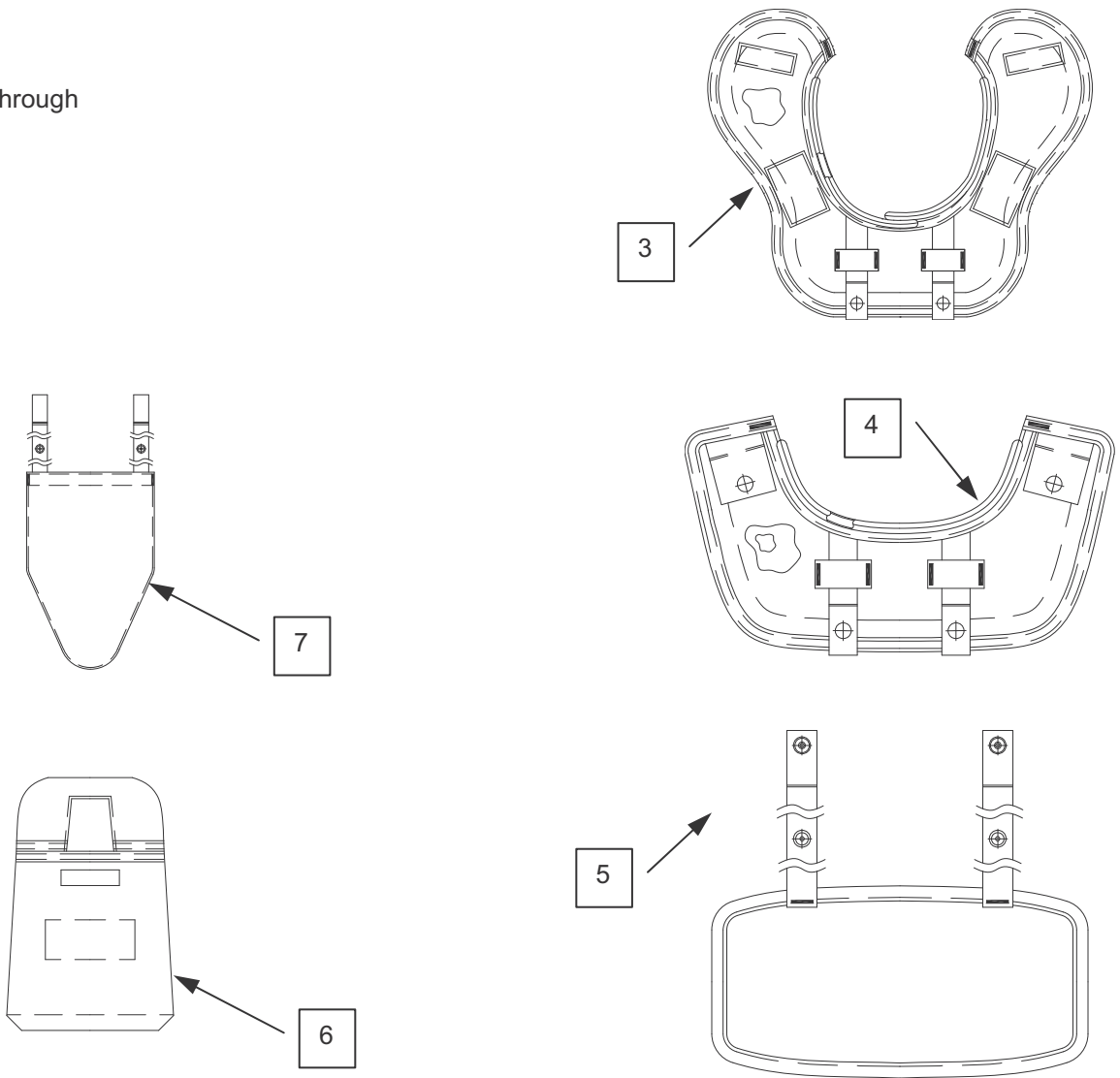


Figure 6. Interceptor Body Armor Improved Outer Tactical Vest Gen II Complete.

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--|--------------------|------------------|--------------|-----------------------|--|------------|
| GROUP 0301 | | | | | | |
| FIG. 6. INTERCEPTOR BODY ARMOR (IMPROVED OUTER TACTICAL VEST GEN II) COMPLETE | | | | | | |
| 1 | PAFDD | 8470-01-556-1703 | 81337 | 2-2-1010-101 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE),X- SMALL, UCP | 1 |
| 1 | PAFDD | | 81337 | 2-2-1010-201 | BODY ARMOR, IMPROVED OUTER TACTICAL VEST (IOTV) (COMPLETE),X- SMALL, OCP | 1 |
| 2 | PAFDD | 8470-01-564-0133 | 81337 | 2-2-1011-101 | .BASE VEST ASSEMBLY, IOTV GEN II, X- SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-583-9519 | 81337 | 2-2-1011-201 | .BASE VEST ASSEMBLY, IOTV GEN II, X- SMALL, OCP | 1 |
| 3 | PAFDD | 8470-01-582-0613 | 81337 | 2-2-1031-101 | .YOKE AND COLLAR ASSEMBLY, BACK, IOTV GEN II, X-SMALL, UCP | 1 |
| 3 | PAFDD | 8470-01-586-2358 | 81337 | 2-2-1031-201 | .YOKE AND COLLAR ASSEMBLY, BACK, IOTV GEN II, X-SMALL, OCP | 1 |
| 4 | PAFDD | 8470-01-582-1007 | 81337 | 2-2-1030-101 | .YOKE AND COLLAR ASSEMBLY, FRONT, IOTV GEN II, X-SMALL, UCP | 1 |
| 4 | PAFDD | 8470-01-584-0742 | 81337 | 2-2-1030-201 | .YOKE AND COLLAR ASSEMBLY, FRONT, IOTV GEN II, X-SMALL, OCP | 1 |
| 5 | PAFDD | 8470-01-564-2999 | 81337 | 2-2-1027-101 | .LOWER BACK PROTECTOR ASSEMBLY, IOTV GEN II, ONE SIZE, UCP | 1 |
| 5 | | 8470-01-584-0760 | 81337 | 2-2-1027-201 | .LOWER BACK PROTECTOR ASSEMBLY, IOTV GEN II, ONE SIZE, OCP | 1 |
| 6 | PAFDD | 8470-01-564-3393 | 81337 | 2-2-1028-101 | ..LOWER BACK PROTECTOR CARRIER(OUTERSHELL), IOTV GEN II, ONE SIZE, UCP | 1 |
| 6 | PAFDD | 8470-01-584-0788 | 81337 | 2-2-1028-201 | ..LOWER BACK PROTECTOR CARRIER(OUTERSHELL), IOTV GEN II, ONE SIZE, OCP | 1 |
| 7 | PADDD | 8470-01-551-8523 | 81337 | 2-2-1029-101 | ..LOWER BACK PROTECTOR INSERT, ONE SIZE | 1 |
| 8 | PAFDD | 8470-01-564-5304 | 81337 | 2-2-1021-101 | .DELTOID PROTECTOR ASSEMBLY, IOTV GEN II, XS-SM, UCP | 1 |
| 8 | PAFDD | 8470-01-584-0910 | 81337 | 2-2-1021-201 | .DELTOID PROTECTOR ASSEMBLY, IOTV GEN II, XS-SM, OCP | 1 |
| 9 | PAFDD | 8470-01-564-5449 | 81337 | 2-2-1022-101 | ..DELTOID PROTECTOR OUTERSHELL, IOTV GEN II, XS-SM, UCP | 2 |
| 9 | PAFDD | 8470-01-584-0909 | 81337 | 2-2-1022-201 | ..DELTOID PROTECTOR OUTERSHELL, IOTV GEN II, XS-SM, OCP | 2 |
| 10 | PADDD | 8470-01-556-2192 | 81337 | 2-2-1023-101 | ..BALLISTIC PANEL, DELTOID PROTECTOR, XS-SM | 2 |

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|---|------------|
| 11 | PAFDD | 8470-01-564-3415 | 81337 | 2-2-1024-101 | .GROIN PROTECTOR ASSEMBLY, IOTV GEN II, XS-MED LONG, UCP | 1 |
| 11 | PAFDD | 8470-01-584-0792 | 81337 | 2-2-1024-201 | .GROIN PROTECTOR ASSEMBLY, IOTV GEN II, XS-MED LONG, UCP | 1 |
| 12 | PAFDD | 8470-01-564-4278 | 81337 | 2-2-1025-101 | ..GROIN PROTECTOR CARRIER(OUTERSHELL), IOTV GEN II, XS- MED LONG, UCP | 1 |
| 12 | PAFDD | 8470-01-584-0795 | 81337 | 2-2-1025-201 | ..GROIN PROTECTOR CARRIER(OUTERSHELL), IOTV GEN II, XS- MED LONG, OCP | 1 |
| 13 | PADDD | 8470-01-497-8626 | 81337 | 2-2-1026-101 | ..INSERT, BALLISTIC, GROIN PROTECTOR, XS-MED LONG | 1 |

END OF FIGURE

**FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM (IOTV GEN II)
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)**

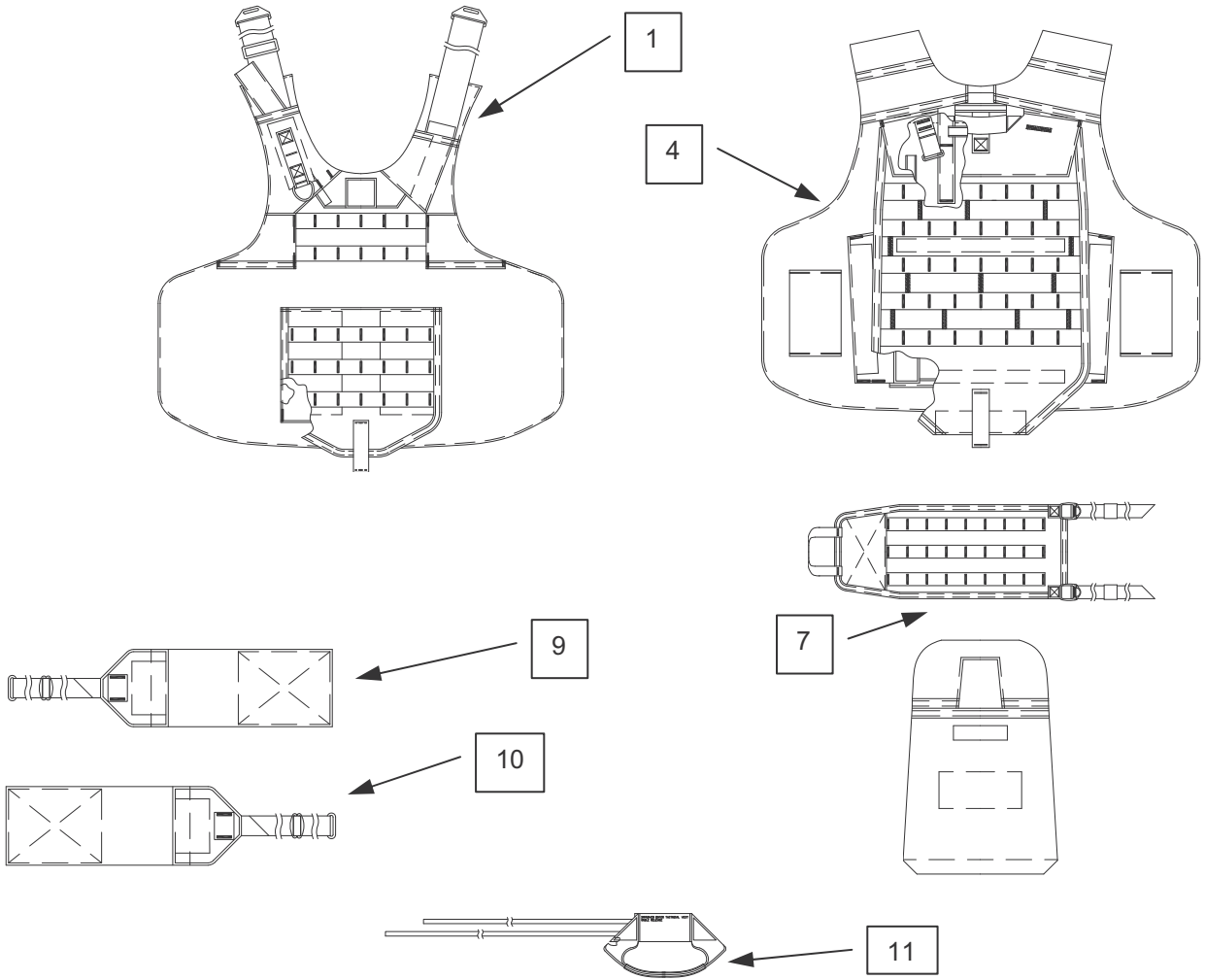


Figure 7. Base Vest Assembly (IOTV Gen II).

| (1) ITEM NO. | (2) SMR CODE | (3) NSN | (4) CAGEC | (5) PART NUMBER | (6) DESCRIPTION AND USABLE ON CODE (UOC) | (7) QTY |
|---|--------------------|------------------|--------------|-----------------------|---|------------|
| GROUP 030101 | | | | | | |
| FIG. 7. BASE VEST ASSEMBLY (IOTV GEN II) | | | | | | |
| 1 | PAFDD | 8470-01-564-0954 | 81337 | 2-2-1013-101 | FRONT, BASE VEST ASSEMBLY, IOTV GEN II, X-SMALL, UCP | 1 |
| 1 | PAFDD | 8470-01-584-0057 | 81337 | 2-2-1013-201 | FRONT, BASE VEST ASSEMBLY, IOTV GEN II, X-SMALL, OCP | 1 |
| 2 | PAFDD | 8470-01-564-1373 | 81337 | 2-2-1015-101 | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, UCP | 1 |
| 2 | PAFDD | 8470-01-583-9763 | 81337 | 2-2-1015-201 | .FRONT, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, OCP | 1 |
| 3 | PADDD | 8470-01-551-8039 | 3T951 | 1502-XS | .FRONT BALLISTIC INSERT, X-SMALL | 1 |
| 4 | PAFDD | 8470-01-564-1701 | 81337 | 2-2-1012-101 | BACK, BASE VEST ASSEMBLY, IOTV GEN II, X-SMALL, UCP | 1 |
| 4 | PAFDD | 8470-01-583-9811 | 81337 | 2-2-1012-101 | BACK, BASE VEST ASSEMBLY, IOTV GEN II, X-SMALL, OCP | 1 |
| 5 | PAFDD | 8470-01-564-1701 | 81337 | 2-2-1014-101 | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, UCP | 1 |
| 5 | PAFDD | 8470-01-583-9891 | 81337 | 2-2-1014-101 | .BACK, IOTV CARRIER (OUTERSHELL), IOTV GEN II, X-SMALL, OCP | 1 |
| 6 | PADDD | 8470-01-551-8057 | 3T951 | 1503-XS | .BACK BALLISTIC INSERT, X-SMALL | 1 |
| 7 | PAFDD | 8470-01-576-7903 | 81337 | 2-2-1032-101 | UNIVERSAL EXTERNAL SIDE PLATE CARRIER, IOTV GEN II, XS-SM, UCP | 2 |
| 7 | PAFDD | 8470-01-584-0678 | 81337 | 2-2-1032-201 | UNIVERSAL EXTERNAL SIDE PLATE CARRIER, IOTV GEN II, XS-SM, OCP | 2 |
| 8 | PAFDD | 8470-01-576-8138 | 81337 | 2-2-1034-101 | UNIVERSAL EXTERNAL SIDE PLATE POUCH, IOTV GEN II, ONE SIZE, UCP | 2 |
| 8 | PAFDD | 8470-01-584-0716 | 81337 | 2-2-1034-201 | UNIVERSAL EXTERNAL SIDE PLATE POUCH, IOTV GEN II, ONE SIZE, OCP | 2 |
| 9 | PAFDD | 8470-01-551-8631 | 81337 | 2-2-1037-101 | RIGHT INTERNAL WAISTBAND, XS-SM, UCP | 1 |
| 9 | PAFDD | 8470-01-584-6361 | 81337 | 2-2-1037-201 | RIGHT INTERNAL WAISTBAND, XS-SM, OCP | 1 |
| 10 | PAFDD | 8470-01-551-8620 | 81337 | 2-2-1035-101 | LEFT INTERNAL WAISTBAND, XS-SM, UCP | 1 |
| 10 | PAFDD | 8470-01-584-6006 | 81337 | 2-2-1035-201 | LEFT INTERNAL WAISTBAND, XS-SM, OCP | 1 |
| 11 | PAFZZ | 8305-01-551-8940 | 81337 | 2-2-1020-101 | CABLE ASSEMBLY, XS-SM, UCP | 1 |
| 11 | PAFZZ | 8305-01-584-9370 | 81337 | 2-2-1020-101 | CABLE ASSEMBLY, XS-SM, OCP | 1 |

END OF FIGURE

**FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
NATIONAL STOCK NUMBER INDEX**

| STOCK NUMBER | FIG. | ITEM | STOCK NUMBER | FIG. | ITEM |
|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 8470 01-586-2358 | 6 | 3 | 8470 01-556-1944 | 3 | 10 |
| 8305 01-584-9370 | 7 | 11 | 8470 01-556-1715 | 5 | 1 |
| 8470 01-584-6361 | 7 | 9 | 8470 01-556-1703 | 5 | 1 |
| 8470 01-584-6006 | 7 | 10 | 8470 01-556-1703 | 6 | 1 |
| 8470 01-584-0910 | 6 | 8 | 8470 01-556-1582 | 5 | 1 |
| 8470 01-584-0909 | 6 | 9 | 8470 01-556-1581 | 5 | 1 |
| 8470 01-584-0795 | 6 | 12 | 8470 01-556-1579 | 5 | 1 |
| 8470 01-584-0792 | 6 | 11 | 8470 01-556-1577 | 5 | 1 |
| 8470 01-584-0788 | 6 | 6 | 8470 01-556-1576 | 5 | 1 |
| 8470 01-584-0760 | 6 | 5 | 8470 01-556-1575 | 5 | 1 |
| 8470 01-584-0742 | 6 | 4 | 8470 01-556-1571 | 5 | 1 |
| 8470 01-584-0716 | 7 | 8 | 8470 01-556-1491 | 5 | 1 |
| 8470 01-584-0678 | 7 | 7 | 8470 01-556-1460 | 5 | 1 |
| 8470 01-584-0057 | 7 | 1 | 8305 01-551-8943 | 4 | 11 |
| 8470 01-583-9891 | 7 | 5 | 8305 01-551-8942 | 4 | 11 |
| 8470 01-583-9811 | 7 | 4 | 8305 01-551-8941 | 4 | 11 |
| 8470 01-583-9763 | 7 | 2 | 8305 01-551-8940 | 4 | 11 |
| 8470 01-583-9519 | 6 | 2 | 8305 01-551-8940 | 7 | 11 |
| 8470 01-582-1007 | 6 | 4 | 8470 01-551-8634 | 4 | 9 |
| 8470 01-582-0613 | 6 | 3 | 8470 01-551-8633 | 4 | 9 |
| 8470 01-576-8138 | 7 | 8 | 8470 01-551-8632 | 4 | 9 |
| 8470 01-576-7903 | 7 | 7 | 8470 01-551-8631 | 4 | 9 |
| 8470 01-564-5449 | 6 | 9 | 8470 01-551-8631 | 7 | 9 |
| 8470 01-564-5304 | 6 | 8 | 8470 01-551-8627 | 4 | 10 |
| 8470 01-564-4278 | 6 | 12 | 8470 01-551-8624 | 4 | 10 |
| 8470 01-564-3415 | 6 | 11 | 8470 01-551-8623 | 4 | 10 |
| 8470 01-564-3393 | 3 | 8 | 8470 01-551-8620 | 4 | 10 |
| 8470 01-564-3393 | 6 | 6 | 8470 01-551-8620 | 7 | 10 |
| 8470 01-564-2999 | 6 | 5 | 8470 01-551-8523 | 6 | 7 |
| 8470 01-564-1701 | 7 | 4 | 8470 01-551-8518 | 3 | 9 |
| 8470 01-564-1701 | 7 | 5 | 8470 01-551-8516 | 3 | 7 |
| 8470 01-564-1373 | 7 | 2 | 8470 01-551-8270 | 3 | 5 |
| 8470 01-564-0954 | 7 | 1 | 8470 01-551-8222 | 3 | 5 |
| 8470 01-564-0133 | 6 | 2 | 8470 01-551-8220 | 3 | 5 |
| 8470 01-556-2238 | 3 | 10 | 8470 01-551-8218 | 3 | 5 |
| 8470 01-556-2192 | 3 | 12 | 8470 01-551-8212 | 3 | 5 |
| 8470 01-556-2192 | 6 | 10 | 8470 01-551-8210 | 3 | 5 |
| 8470 01-556-2187 | 3 | 12 | 8470 01-551-8208 | 3 | 5 |
| 8470 01-556-2168 | 3 | 11 | 8470 01-551-8206 | 3 | 5 |
| 8470 01-556-2100 | 3 | 11 | 8470 01-551-8205 | 3 | 4 |

| STOCK NUMBER | FIG. | ITEM | STOCK NUMBER | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 8470 01-551-8204 | 3 | 4 | 8470 01-551-8054 | 4 | 3 |
| 8470 01-551-8202 | 3 | 4 | 8470 01-551-8053 | 4 | 3 |
| 8470 01-551-8201 | 3 | 4 | 8470 01-551-8051 | 4 | 3 |
| 8470 01-551-8200 | 3 | 4 | 8470 01-551-8050 | 4 | 3 |
| 8470 01-551-8199 | 3 | 4 | 8470 01-551-8047 | 4 | 3 |
| 8470 01-551-8198 | 3 | 4 | 8470 01-551-8045 | 4 | 3 |
| 8470 01-551-8192 | 3 | 4 | 8470 01-551-8044 | 4 | 3 |
| 8470 01-551-8182 | 3 | 6 | 8470 01-551-8042 | 4 | 3 |
| 8470 01-551-8180 | 3 | 3 | 8470 01-551-8040 | 4 | 3 |
| 8470 01-551-8179 | 3 | 3 | 8470 01-551-8039 | 4 | 3 |
| 8470 01-551-8178 | 3 | 3 | 8470 01-551-8039 | 7 | 3 |
| 8470 01-551-8177 | 3 | 3 | 8470 01-551-7832 | 4 | 4 |
| 8470 01-551-8172 | 3 | 3 | 8470 01-551-7831 | 4 | 4 |
| 8470 01-551-8171 | 3 | 3 | 8470 01-551-7830 | 4 | 4 |
| 8470 01-551-8162 | 3 | 3 | 8470 01-551-7828 | 4 | 4 |
| 8470 01-551-8159 | 3 | 3 | 8470 01-551-7826 | 4 | 4 |
| 8470 01-551-8156 | 3 | 2 | 8470 01-551-7806 | 4 | 4 |
| 8470 01-551-8155 | 3 | 2 | 8470 01-551-7804 | 4 | 4 |
| 8470 01-551-8154 | 3 | 2 | 8470 01-551-7795 | 4 | 4 |
| 8470 01-551-8153 | 3 | 2 | 8470 01-551-7794 | 4 | 4 |
| 8470 01-551-8148 | 3 | 2 | 8470 01-551-7792 | 4 | 4 |
| 8470 01-551-8134 | 3 | 2 | 8470 01-551-7789 | 4 | 4 |
| 8470 01-551-8126 | 3 | 2 | 8470 01-551-7773 | 4 | 1 |
| 8470 01-551-8125 | 3 | 2 | 8470 01-551-7772 | 4 | 1 |
| 8470 01-551-8120 | 4 | 8 | 8470 01-551-7768 | 4 | 1 |
| 8470 01-551-8115 | 4 | 8 | 8470 01-551-7767 | 4 | 1 |
| 8470 01-551-8114 | 4 | 8 | 8470 01-551-7766 | 4 | 1 |
| 8470 01-551-8113 | 4 | 8 | 8470 01-551-7761 | 4 | 1 |
| 8470 01-551-8101 | 4 | 7 | 8470 01-551-7760 | 4 | 1 |
| 8470 01-551-8096 | 4 | 7 | 8470 01-551-7759 | 4 | 1 |
| 8470 01-551-8095 | 4 | 7 | 8470 01-551-7754 | 4 | 1 |
| 8470 01-551-8093 | 4 | 7 | 8470 01-551-7752 | 4 | 1 |
| 8470 01-551-8087 | 4 | 6 | 8470 01-551-7749 | 4 | 1 |
| 8470 01-551-8086 | 4 | 6 | 8470 01-551-7743 | 4 | 5 |
| 8470 01-551-8079 | 4 | 6 | 8470 01-551-7741 | 4 | 5 |
| 8470 01-551-8078 | 4 | 6 | 8470 01-551-7740 | 4 | 5 |
| 8470 01-551-8075 | 4 | 6 | 8470 01-551-7739 | 4 | 5 |
| 8470 01-551-8074 | 4 | 6 | 8470 01-551-7738 | 4 | 5 |
| 8470 01-551-8064 | 4 | 6 | 8470 01-551-7737 | 4 | 5 |
| 8470 01-551-8063 | 4 | 6 | 8470 01-551-7735 | 4 | 5 |
| 8470 01-551-8062 | 4 | 6 | 8470 01-551-7726 | 4 | 5 |
| 8470 01-551-8058 | 4 | 6 | 8470 01-551-7724 | 4 | 5 |
| 8470 01-551-8057 | 4 | 6 | 8470 01-551-7721 | 4 | 5 |
| 8470 01-551-8057 | 7 | 6 | 8470 01-551-7718 | 4 | 5 |
| 8470 01-551-8055 | 4 | 3 | 8470 01-551-7714 | 4 | 2 |

| STOCK NUMBER | FIG. | ITEM | STOCK NUMBER | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 8470 01-551-7713 | 4 | 2 | 8470 01-547-9555 | 1 | 18 |
| 8470 01-551-7712 | 4 | 2 | 8470 01-547-9555 | 5 | 2 |
| 8470 01-551-7711 | 4 | 2 | 8470 01-537-0511 | 1 | 17 |
| 8470 01-551-7708 | 4 | 2 | 8470 01-537-0504 | 1 | 15 |
| 8470 01-551-7707 | 4 | 2 | 8470 01-536-9284 | 1 | 16 |
| 8470 01-551-7706 | 4 | 2 | 8470 01-536-7227 | 2 | 3 |
| 8470 01-551-7705 | 4 | 2 | 8470 01-536-7227 | 1 | 19 |
| 8470 01-551-7703 | 4 | 2 | 8470 01-536-7227 | 5 | 3 |
| 8470 01-551-7701 | 4 | 2 | 8470 01-526-9667 | 3 | 10 |
| 8470 01-551-7698 | 4 | 2 | 8470 01-526-9657 | 3 | 11 |
| 8470 01-551-7690 | 3 | 1 | 8470 01-526-8756 | 1 | 1 |
| 8470 01-551-7688 | 3 | 1 | 8470 01-526-8755 | 1 | 1 |
| 8470 01-551-7687 | 3 | 1 | 8470 01-526-8754 | 1 | 1 |
| 8470 01-551-7686 | 3 | 1 | 8470 01-526-8753 | 1 | 1 |
| 8470 01-551-7685 | 3 | 1 | 8470 01-526-8752 | 1 | 1 |
| 8470 01-551-7684 | 3 | 1 | 8470 01-526-8750 | 1 | 1 |
| 8470 01-551-7682 | 3 | 1 | 8470 01-526-8748 | 1 | 1 |
| 8470 01-551-7681 | 3 | 1 | 8470 01-526-8747 | 1 | 1 |
| 8470 01-551-7680 | 3 | 1 | 8470 01-526-8096 | 1 | 12 |
| 8470 01-551-7678 | 3 | 1 | 8470 01-526-8096 | 3 | 13 |
| 8470 01-551-7676 | 3 | 1 | 8470 01-526-8095 | 1 | 12 |
| 8470 01-551-7658 | 2 | 1 | 8470 01-526-8095 | 3 | 13 |
| 8470 01-551-7656 | 2 | 1 | 8470 01-526-8082 | 1 | 6 |
| 8470 01-551-7655 | 2 | 1 | 8470 01-526-8081 | 1 | 6 |
| 8470 01-551-7654 | 2 | 1 | 8470 01-526-8080 | 1 | 6 |
| 8470 01-551-7653 | 2 | 1 | 8470 01-526-8079 | 1 | 6 |
| 8470 01-551-7652 | 2 | 1 | 8470 01-526-8075 | 1 | 6 |
| 8470 01-551-7648 | 2 | 1 | 8470 01-526-8074 | 1 | 6 |
| 8470 01-551-7647 | 2 | 1 | 8470 01-526-8067 | 1 | 6 |
| 8470 01-551-7643 | 2 | 1 | 8470 01-526-8064 | 1 | 6 |
| 8470 01-551-7642 | 2 | 1 | 8470 01-526-8053 | 1 | 13 |
| 8470 01-551-7640 | 2 | 1 | 8470 01-526-8053 | 3 | 14 |
| 8470 01-547-9780 | 2 | 2 | 8470 01-526-8051 | 1 | 13 |
| 8470 01-547-9780 | 1 | 18 | 8470 01-526-8051 | 3 | 14 |
| 8470 01-547-9780 | 5 | 2 | 8470 01-526-8015 | 1 | 5 |
| 8470 01-547-9779 | 2 | 2 | 8470 01-526-8006 | 1 | 5 |
| 8470 01-547-9779 | 1 | 18 | 8470 01-526-8003 | 1 | 5 |
| 8470 01-547-9779 | 5 | 2 | 8470 01-526-8000 | 1 | 5 |
| 8470 01-547-9726 | 2 | 2 | 8470 01-526-7999 | 1 | 5 |
| 8470 01-547-9726 | 1 | 18 | 8470 01-526-7998 | 1 | 5 |
| 8470 01-547-9726 | 5 | 2 | 8470 01-526-7996 | 1 | 5 |
| 8470 01-547-9722 | 2 | 2 | 8470 01-526-7954 | 1 | 5 |
| 8470 01-547-9722 | 1 | 18 | 8470 01-526-7933 | 1 | 10 |
| 8470 01-547-9722 | 5 | 2 | 8470 01-526-7925 | 1 | 9 |
| 8470 01-547-9555 | 2 | 2 | 8470 01-526-7921 | 1 | 2 |

| STOCK NUMBER | FIG. | ITEM | STOCK NUMBER | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 8470 01-526-7920 | 1 | 2 | 8470 01-497-8709 | 1 | 18 |
| 8470 01-526-7917 | 1 | 2 | 8470 01-497-8709 | 5 | 2 |
| 8470 01-526-7916 | 1 | 2 | 8470 01-497-8701 | 2 | 2 |
| 8470 01-526-7915 | 1 | 2 | 8470 01-497-8701 | 1 | 18 |
| 8470 01-526-7913 | 1 | 2 | 8470 01-497-8701 | 5 | 2 |
| 8470 01-526-7910 | 1 | 2 | 8470 01-497-8688 | 1 | 8 |
| 8470 01-526-7907 | 1 | 2 | 8470 01-497-8687 | 1 | 8 |
| 8470 01-520-7385 | 2 | 2 | 8470 01-497-8686 | 1 | 8 |
| 8470 01-520-7385 | 1 | 18 | 8470 01-497-8685 | 1 | 8 |
| 8470 01-520-7385 | 5 | 2 | 8470 01-497-8684 | 1 | 8 |
| 8470 01-520-7382 | 2 | 2 | 8470 01-497-8683 | 1 | 7 |
| 8470 01-520-7382 | 1 | 18 | 8470 01-497-8680 | 1 | 7 |
| 8470 01-520-7382 | 5 | 2 | 8470 01-497-8679 | 1 | 7 |
| 8470 01-520-7373 | 2 | 2 | 8470 01-497-8678 | 1 | 7 |
| 8470 01-520-7373 | 1 | 18 | 8470 01-497-8677 | 1 | 7 |
| 8470 01-520-7373 | 5 | 2 | 8470 01-497-8669 | 1 | 4 |
| 8470 01-520-7370 | 2 | 2 | 8470 01-497-8668 | 1 | 4 |
| 8470 01-520-7370 | 1 | 18 | 8470 01-497-8666 | 1 | 4 |
| 8470 01-520-7370 | 5 | 2 | 8470 01-497-8664 | 1 | 4 |
| 8470 01-520-7360 | 2 | 2 | 8470 01-497-8662 | 1 | 4 |
| 8470 01-520-7360 | 1 | 18 | 8470 01-497-8659 | 1 | 3 |
| 8470 01-520-7360 | 5 | 2 | 8470 01-497-8658 | 1 | 3 |
| 8470 01-520-7349 | 3 | 12 | 8470 01-497-8656 | 1 | 3 |
| 8470 01-518-6007 | 1 | 8 | 8470 01-497-8655 | 1 | 3 |
| 8470 01-518-6006 | 1 | 8 | 8470 01-497-8654 | 1 | 3 |
| 8470 01-518-6004 | 1 | 8 | 8470 01-497-8640 | 1 | 11 |
| 8470 01-518-6001 | 1 | 7 | 8470 01-497-8627 | 1 | 14 |
| 8470 01-518-5999 | 1 | 7 | 8470 01-497-8627 | 3 | 15 |
| 8470 01-518-5998 | 1 | 7 | 8470 01-497-8626 | 1 | 14 |
| 8470 01-518-5975 | 1 | 4 | 8470 01-497-8626 | 3 | 15 |
| 8470 01-518-5969 | 1 | 4 | 8470 01-497-8626 | 6 | 13 |
| 8470 01-518-5968 | 1 | 4 | | | |
| 8470 01-518-5956 | 1 | 3 | | | |
| 8470 01-518-5954 | 1 | 3 | | | |
| 8470 01-518-5953 | 1 | 3 | | | |
| 8470 01-497-8714 | 2 | 2 | | | |
| 8470 01-497-8714 | 1 | 18 | | | |
| 8470 01-497-8714 | 5 | 2 | | | |
| 8470 01-497-8712 | 2 | 2 | | | |
| 8470 01-497-8712 | 1 | 18 | | | |
| 8470 01-497-8712 | 5 | 2 | | | |
| 8470 01-497-8710 | 2 | 2 | | | |
| 8470 01-497-8710 | 1 | 18 | | | |
| 8470 01-497-8710 | 5 | 2 | | | |
| 8470 01-497-8709 | 2 | 2 | | | |

**FIELD AND SUSTAINMENT MAINTENANCE
INTERCEPTOR BODY ARMOR SYSTEM
PART NUMBER INDEX**

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|--------------------|-------------|-------------|--------------------|-------------|-------------|
| 00022-22 | 99 | 23 | 1500-XLL | 4 | 2 |
| 01004-20 | 99 | 21 | 1500-XS | 4 | 2 |
| 01047-20 | 99 | 5 | 1501-2XL | 4 | 5 |
| 08090-22-21884 | 99 | 2 | 1501-3XL | 4 | 5 |
| 09148-22-21884 | 99 | 1 | 1501-4XL | 4 | 5 |
| 104-3100 | 99 | 19 | 1501-LG | 4 | 5 |
| 1043-4XL | 3 | 3 | 1501-LL | 4 | 5 |
| 1054-2XL | 3 | 3 | 1501-MD | 4 | 5 |
| 1054-3XL | 3 | 3 | 1501-MDL | 4 | 5 |
| 1091-2XL | 2 | 1 | 1501-SM | 4 | 5 |
| 1091-3XL | 2 | 1 | 1501-XL | 4 | 5 |
| 1091-4XL | 2 | 1 | 1501-XLL | 4 | 5 |
| 1091-LG | 2 | 1 | 1501-XS | 4 | 5 |
| 1091-LL | 2 | 1 | 1502-2XL | 4 | 3 |
| 1091-MD | 2 | 1 | 1502-3XL | 4 | 3 |
| 1091-MDL | 2 | 1 | 1502-4XL | 4 | 3 |
| 1091-SM | 2 | 1 | 1502-LG | 4 | 3 |
| 1091-XL | 2 | 1 | 1502-LL | 4 | 3 |
| 1091-XLL | 2 | 1 | 1502-MD | 4 | 3 |
| 1091-XS | 2 | 1 | 1502-MDL | 4 | 3 |
| 1092-2XL | 3 | 2 | 1502-SM | 4 | 3 |
| 1092-3XL | 3 | 2 | 1502-XL | 4 | 3 |
| 1092-4XL | 3 | 2 | 1502-XS | 4 | 3 |
| 1092-LG | 3 | 2 | 1502-XS | 7 | 3 |
| 1092-MD | 3 | 2 | 1502-XXL | 4 | 3 |
| 1092-SM | 3 | 2 | 1503-2XL | 4 | 6 |
| 1092-XL | 3 | 2 | 1503-3XL | 4 | 6 |
| 1092-XS | 3 | 2 | 1503-4XL | 4 | 6 |
| 1093 | 3 | 7 | 1503-LG | 4 | 6 |
| 1094 | 3 | 6 | 1503-LL | 4 | 6 |
| 111-2201-5676 | 99 | 20 | 1503-MD | 4 | 6 |
| 1500-2XL | 4 | 2 | 1503-MDL | 4 | 6 |
| 1500-3XL | 4 | 2 | 1503-SM | 4 | 6 |
| 1500-4XL | 4 | 2 | 1503-XL | 4 | 6 |
| 1500-LG | 4 | 2 | 1503-XS | 4 | 6 |
| 1500-LL | 4 | 2 | 1503-XS | 7 | 6 |
| 1500-MD | 4 | 2 | 1503-XXL | 4 | 6 |
| 1500-MDL | 4 | 2 | 1504-LG | 3 | 3 |
| 1500-SM | 4 | 2 | 1504-MD | 3 | 3 |
| 1500-XL | 4 | 2 | 1504-SM | 3 | 3 |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|---------------|------|------|
| 1504-XL | 3 | 3 | 1520-SM | 4 | 1 |
| 1504-XS | 3 | 3 | 1520-XL | 4 | 1 |
| 1505-2XL | 3 | 4 | 1520-XS | 4 | 1 |
| 1505-3XL | 3 | 4 | 1520-XXL | 4 | 1 |
| 1505-4XL | 3 | 4 | 1521-2XL | 4 | 4 |
| 1505-LG | 3 | 4 | 1521-3XL | 4 | 4 |
| 1505-MD | 3 | 4 | 1521-4XL | 4 | 4 |
| 1505-SM | 3 | 4 | 1521-LG | 4 | 4 |
| 1505-XL | 3 | 4 | 1521-LL | 4 | 4 |
| 1505-XS | 3 | 4 | 1521-MD | 4 | 4 |
| 1506-2XL | 3 | 5 | 1521-MDL | 4 | 4 |
| 1506-3XL | 3 | 5 | 1521-SM | 4 | 4 |
| 1506-4XL | 3 | 5 | 1521-XL | 4 | 4 |
| 1506-LG | 3 | 5 | 1521-XS | 4 | 4 |
| 1506-MD | 3 | 5 | 1521-XXL | 4 | 4 |
| 1506-SM | 3 | 5 | 154-0100-5676 | 99 | 18 |
| 1506-XL | 3 | 5 | 2-2-1010-101 | 5 | 1 |
| 1506-XS | 3 | 5 | 2-2-1010-101 | 6 | 1 |
| 1507-2XL | 4 | 7 | 2-2-1010-102 | 5 | 1 |
| 1507-MLG | 4 | 7 | 2-2-1010-103 | 5 | 1 |
| 1507-X34 | 4 | 7 | 2-2-1010-104 | 5 | 1 |
| 1507-XSS | 4 | 7 | 2-2-1010-105 | 5 | 1 |
| 1508-2XL | 4 | 8 | 2-2-1010-106 | 5 | 1 |
| 1508-MLG | 4 | 8 | 2-2-1010-107 | 5 | 1 |
| 1508-X34 | 4 | 8 | 2-2-1010-108 | 5 | 1 |
| 1508-XSS | 4 | 8 | 2-2-1010-109 | 5 | 1 |
| 1516 | 3 | 8 | 2-2-1010-110 | 5 | 1 |
| 1519-2XL | 3 | 1 | 2-2-1010-111 | 5 | 1 |
| 1519-3XL | 3 | 1 | 2-2-1010-201 | 5 | 1 |
| 1519-4XL | 3 | 1 | 2-2-1010-201 | 6 | 1 |
| 1519-LG | 3 | 1 | 2-2-1010-202 | 5 | 1 |
| 1519-LL | 3 | 1 | 2-2-1010-203 | 5 | 1 |
| 1519-MD | 3 | 1 | 2-2-1010-204 | 5 | 1 |
| 1519-MDL | 3 | 1 | 2-2-1010-205 | 5 | 1 |
| 1519-SM | 3 | 1 | 2-2-1010-206 | 5 | 1 |
| 1519-XL | 3 | 1 | 2-2-1010-207 | 5 | 1 |
| 1519-XLL | 3 | 1 | 2-2-1010-208 | 5 | 1 |
| 1519-XS | 3 | 1 | 2-2-1010-209 | 5 | 1 |
| 1520-2XL | 4 | 1 | 2-2-1010-210 | 5 | 1 |
| 1520-3XL | 4 | 1 | 2-2-1010-211 | 5 | 1 |
| 1520-4XL | 4 | 1 | 2-2-1011-101 | 6 | 2 |
| 1520-LG | 4 | 1 | 2-2-1011-201 | 6 | 2 |
| 1520-LL | 4 | 1 | 2-2-1012-101 | 7 | 4 |
| 1520-MD | 4 | 1 | 2-2-1012-101 | 7 | 4 |
| 1520-MDL | 4 | 1 | 2-2-1013-101 | 7 | 1 |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|--------------|------|------|--------------|------|------|
| 2-2-1013-201 | 7 | 1 | 2-2-1035-201 | 7 | 10 |
| 2-2-1014-101 | 7 | 5 | 2-2-1037-101 | 4 | 9 |
| 2-2-1014-101 | 7 | 5 | 2-2-1037-101 | 7 | 9 |
| 2-2-1015-101 | 7 | 2 | 2-2-1037-102 | 4 | 9 |
| 2-2-1015-201 | 7 | 2 | 2-2-1037-103 | 4 | 9 |
| 2-2-1020-101 | 4 | 11 | 2-2-1037-104 | 4 | 9 |
| 2-2-1020-101 | 7 | 11 | 2-2-1037-201 | 7 | 9 |
| 2-2-1020-101 | 7 | 11 | A-A-55126 | 99 | 8 |
| 2-2-1020-102 | 4 | 11 | A-A-55126 | 99 | 9 |
| 2-2-1020-103 | 4 | 11 | A-A-55126 | 99 | 10 |
| 2-2-1020-104 | 4 | 11 | A-A-55126 | 99 | 11 |
| 2-2-1021-101 | 6 | 8 | A-A-55126 | 99 | 12 |
| 2-2-1021-201 | 6 | 8 | A-A-55126 | 99 | 13 |
| 2-2-1022-101 | 6 | 9 | A-A-55126 | 99 | 14 |
| 2-2-1022-201 | 6 | 9 | A-A-55126 | 99 | 15 |
| 2-2-1023-101 | 3 | 12 | A-A-55301 | 99 | 32 |
| 2-2-1023-101 | 6 | 10 | A-A-55301 | 99 | 34 |
| 2-2-1023-102 | 3 | 12 | CO/PD 04-10 | 1 | 18 |
| 2-2-1023-103 | 3 | 12 | CO/PD 04-10 | 2 | 2 |
| 2-2-1024-101 | 6 | 11 | CO/PD 04-10 | 2 | 2 |
| 2-2-1024-201 | 6 | 11 | CO/PD 04-10 | 2 | 2 |
| 2-2-1025-101 | 6 | 12 | CO/PD 04-10 | 2 | 2 |
| 2-2-1025-201 | 6 | 12 | CO/PD 04-10 | 2 | 2 |
| 2-2-1026-101 | 3 | 15 | CO/PD 04-10 | 5 | 2 |
| 2-2-1026-101 | 6 | 13 | CO/PD 04-10 | 5 | 2 |
| 2-2-1026-102 | 3 | 15 | CO/PD 04-10 | 5 | 2 |
| 2-2-1027-101 | 6 | 5 | CO/PD 04-10 | 5 | 2 |
| 2-2-1027-201 | 6 | 5 | CO/PD 04-10 | 5 | 2 |
| 2-2-1028-101 | 6 | 6 | CO/PD 06-20 | 1 | 19 |
| 2-2-1028-201 | 6 | 6 | CO/PD 06-20 | 2 | 3 |
| 2-2-1029-101 | 3 | 9 | CO/PD 06-20 | 5 | 3 |
| 2-2-1029-101 | 6 | 7 | CO/PD 07-10 | 3 | 10 |
| 2-2-1030-101 | 6 | 4 | CO/PD 07-10 | 3 | 10 |
| 2-2-1030-201 | 6 | 4 | CO/PD 07-10 | 3 | 10 |
| 2-2-1031-101 | 6 | 3 | CO/PD 07-10 | 3 | 11 |
| 2-2-1031-201 | 6 | 3 | CO/PD 07-10 | 3 | 11 |
| 2-2-1032-101 | 7 | 7 | CO/PD 07-10 | 3 | 11 |
| 2-2-1032-201 | 7 | 7 | FQ/PD 07-03 | 1 | 18 |
| 2-2-1034-101 | 7 | 8 | FQ/PD 07-03 | 2 | 2 |
| 2-2-1034-201 | 7 | 8 | FQ/PD 07-03 | 2 | 2 |
| 2-2-1035-101 | 4 | 10 | FQ/PD 07-03 | 2 | 2 |
| 2-2-1035-101 | 7 | 10 | FQ/PD 07-03 | 2 | 2 |
| 2-2-1035-102 | 4 | 10 | FQ/PD 07-03 | 2 | 2 |
| 2-2-1035-103 | 4 | 10 | FQ/PD 07-03 | 5 | 2 |
| 2-2-1035-104 | 4 | 10 | FQ/PD 07-03 | 5 | 2 |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|---------------|------|------|-------------|------|------|
| FQ/PD 07-03 | 5 | 2 | PD-00-03A | 2 | 2 |
| FQ/PD 07-03 | 5 | 2 | PD-00-03A | 2 | 2 |
| FQ/PD 07-03 | 5 | 2 | PD-00-03A | 2 | 2 |
| L-P-378 | 99 | 22 | PD-00-03A | 5 | 2 |
| MIL-C--508 | 99 | 4 | PD-00-03A | 5 | 2 |
| MIL-C-8061 | 99 | 3 | PD-00-03A | 5 | 2 |
| MIL-DTL-43734 | 99 | 6 | PD-00-03A | 5 | 2 |
| MIL-DTL-43734 | 99 | 7 | PD-00-03A | 5 | 2 |
| MIL-F-10884 | 99 | 24 | V-T-295 | 99 | 27 |
| MIL-F-10884F | 99 | 25 | V-T-295 | 99 | 28 |
| MIL-G-16491 | 99 | 16 | | | |
| MIL-G-16491 | 99 | 17 | | | |
| MIL-G-16491 | 99 | 29 | | | |
| MIL-T-5038 | 99 | 26 | | | |
| MIL-W- 17337 | 99 | 35 | | | |
| MIL-W- 17337 | 99 | 36 | | | |
| MIL-W- 17337 | 99 | 37 | | | |
| MIL-W- 17337 | 99 | 38 | | | |
| MIL-W-17337 | 99 | 33 | | | |
| MIL-W-5664 | 99 | 31 | | | |
| MIL-W-5664D | 99 | 30 | | | |
| PD-00-02 | 1 | 1 | | | |
| PD-00-02 | 1 | 2 | | | |
| PD-00-02 | 1 | 3 | | | |
| PD-00-02 | 1 | 4 | | | |
| PD-00-02 | 1 | 5 | | | |
| PD-00-02 | 1 | 6 | | | |
| PD-00-02 | 1 | 7 | | | |
| PD-00-02 | 1 | 8 | | | |
| PD-00-02 | 1 | 9 | | | |
| PD-00-02 | 1 | 10 | | | |
| PD-00-02 | 1 | 11 | | | |
| PD-00-02 | 1 | 12 | | | |
| PD-00-02 | 1 | 13 | | | |
| PD-00-02 | 1 | 14 | | | |
| PD-00-02 | 1 | 15 | | | |
| PD-00-02 | 1 | 16 | | | |
| PD-00-02 | 1 | 17 | | | |
| PD-00-02 | 3 | 13 | | | |
| PD-00-02 | 3 | 13 | | | |
| PD-00-02 | 3 | 14 | | | |
| PD-00-02 | 3 | 14 | | | |
| PD-00-03A | 1 | 18 | | | |
| PD-00-03A | 2 | 2 | | | |
| PD-00-03A | 2 | 2 | | | |

PIN: 086159-000