TM 9-1095-213-13&P

TECHNICAL MANUAL

OPERATOR AND FIELD MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR

FIRING DEVICE, NON-LETHAL: TASER X26E
NSN 1095-01-543-2189

HEADQUARTERS, DEPARTMENT OF THE ARMY

28 JULY 2008

WARNING SUMMARY

TASER X26E

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

All personnel must wear eye protection in the operational environment and must stand behind the gunner prior to and during the firing of a TASER X26E loaded with an air cartridge. Air cartridge blow-out may occur during firing, causing erratic probe launching. Injury may occur to personnel.

Do not aim the TASER X26E at any individual other than target. Serious injury to personnel may occur.

Do not fire the TASER X26E in the presence of cathode ray tube (CRT) monitors/TVs, high voltage equipment, or at high voltage transmission lines. Death or serious injury may occur.

Do not fire the TASER X26E at any individual who may have soaked their clothing in flammable solutions (e.g., gasoline, oil, etc.). Serious injury to personnel may occur.

Do not fire the TASER X26E when flammable materials (i.e., gasoline, natural gas, etc.) and/or explosive material is in the immediate area, or at an individual inside a building or structure where an explosive environment such as dust, gunpowder, gunpowder loading rooms, or rooms that may have fuel or gas leaks exist. Death or serious injury may occur to personnel.

The TASER X26E has sufficient energy to initiate munition items such as MACS charges and tank rounds with combustible cartridge cases, 20mm and 30mm gun powder, RDX, etc. Death or serious injury to personnel may occur.

Do not use commercial pepper spray or similar riot control agents with TASER X26E devices without previously testing for flammability. If pepper spray saturated material/object catches fire after being fired upon with TASER X26E, do not use that particular pepper spray. Death or serious injury may occur to the user, personnel, and/or subject.

Do not store the TASER X26E and air cartridges in direct sunlight. Extended exposure can cause the temperature to rise above the maximum permissible temperature of +122º F (+50º C), and cause cartridge blow-out, resulting in erratic probe launching. Serious injury to personnel may occur.

Do not load or unload the air cartridge while the TASER X26E is in the FIRE position. Always place the safety switch in the SAFE position when loading or unloading the air cartridge, then re-arm the TASER X26E if necessary. Accidental discharge may occur, injuring personnel.

Do not place the TASER X26E within 1 inch of a working two-way 400 MHz radio antenna when in the FIRE position, as accidental discharge of the probes may occur, resulting in injury to personnel, as well as possible permanent damage to electrical components within the TASER X26E.

Do not shine the laser sight into the eyes. Serious eye injury may occur.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

Do not slip finger onto trigger when withdrawing the TASER X26E from the SafariLand holster. The TASER X26E may accidentally discharge, causing serious injury to personnel.

WARNING SUMMARY - Continued

The TASER X26E is ready to fire when the safety switch is placed in the FIRE position or is positioned between SAFE and FIRE. It will fire when the trigger is pulled.

To prevent injury to personnel or permanent damage to TASER X26E, do not submerge the TASER X26E in water.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Do not fire the TASER X26E at a targeted subject where falling may cause serious injury or death.

Do not fire the TASER X26E at a targeted subject in a punishing manner or for purposes of coercion. Serious injury may occur to the subject.

Do not fire the TASER X26E to awaken an unconscious or intoxicated subject. Serious injury may occur to the subject.

Do not fire the TASER X26E at a subject operating a motor vehicle unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at a subject gripping a firearm unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at women known or suspected-to-be pregnant, children, or elderly, malnourished or disabled persons, unless circumstances require immediate action. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

Do not fire the TASER X26E at subjects known or suspected to have pre-existing heart or respiratory conditions. Serious injury or death may occur to the subject. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

When fired, the TASER X26E produces a sound similar to small arms gunfire, although much quieter. To warn personnel that the TASER X26E is about to be fired, the user must always announce "**TASER!**" in a loud, clear, audible voice to reduce the chance of accidental firearm discharge due to sympathetic fire response.

If a subject was required to receive two or more complete exposures to the TASER X26E, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use. Serious injury may occur to the subject.

Multiple operators must not fire multiple TASER X26Es at a single subject. The use of the TASER X26E is limited to one operator per one subject. Serious injury or death may occur to the subject.

Air Cartridges

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Do not expose the air cartridges to temperatures outside the range of -5° F to +122° F (-20° C to +50° C). Cartridge blow-out may occur, causing erratic probe launching and serious injury to personnel.

Dispose of dirty probes using local SOP for biohazardous material. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Disposable gloves must be worn at all times when removing probes from the detainee. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Do not remove the probes if they are stuck in a sensitive area of the subject. Call a medic for immediate assistance.

Do not dispose of unexpended air cartridges (duds) in a fire, near an open flame or any other heat source. The nitrogen capsule could explode and cause improper probe launching. Serious injury to personnel may occur.

Do not tamper with any air cartridge. The probes may erratically launch, causing serious injury to personnel.

Do not use damaged air cartridges. All air cartridges must be inspected prior to use for damage (bulges, cracks, missing blast doors, etc.). Dispose of damaged cartridges, especially when subjected to extreme temperature limits (-5º F to +122º F (-20º C to +50º C)). Serious injury to personnel may occur.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Ensure that the safety switch is in the SAFE position prior to inserting the TASER X26E into the SafariLand holster, as the holster does not lock the safety switch. Serious injury to personnel may occur.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

Always keep hands and body parts away from the front of the air cartridges. Probes may launch if air cartridge receives an electrostatic shock. Serious injury to personnel may occur.

Do not handle air cartridges with the blast doors in the palm of hand. Always handle air cartridge from the rear and sides. Probes may launch if air cartridge receives an electrostatic shock. Serious injury to personnel may occur.

Do not fire air cartridges at hard surfaces. The probes may ricochet, causing serious injury to personnel.

If blast doors become detached from the air cartridge, discard the air cartridge IAW local SOP. Do not attempt to reattach blast doors, as an external static discharge may cause the probes to launch, seriously injuring personnel.

The 35-ft air cartridge (with orange blast doors) **MUST** be loaded with the arrows up or the probes may not shoot properly, and injury to personnel may occur.

XDPM

Do not store the XDPM anywhere where the copper contact points may become inadvertently shorted with metal objects. A fire or battery explosion may occur, causing death or serious injury.

Use extreme care when firing or drive stunning the TASER X26E during practice. Serious injury to personnel may occur.

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CHANGE NO. 1

HEADQUARTERS, DEPARTMENT OF THE ARMY
WASHINGTON, DC, 5 NOVEMBER 2009

TECHNICAL MANUAL

OPERATOR AND FIELD MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR

FIRING DEVICE, NON-LETHAL: TASER X26E NSN 1095-01-543-2189

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

TM 9-1095-213-13&P, 28 July 2008, is updated as follows:

1. File this sheet after the Warning Summary for reference.
2. New or updated text is indicated by a vertical bar in the outer margin of the page.
3. Remove old pages and insert new pages as indicated below.

Remove Pages	Insert Pages
a and b	a and b
A and B	A and B
i and ii	i and ii

4. Replace the following work packages with their revised version.

Work Package Number
WP 0002 00
WP 0012 00
WP 0013 00
WP 0014 00

By Order of the Secretary of the Army:

GEORGE W. CASEY, JR.
General, United States Army
Chief of Staff

Official:

JOYCE E. MORROW
Administrative Assistant to the Secretary of the Army
0932108

DISTRIBUTION: To be distributed in accordance with the initial distribution number (IDN) 256969 requirements for TM 9-1095-213-13&P.

INSERT LATEST CHANGED PAGES/WORK PACKAGES. DESTROY SUPERSEDED DATA.

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: The portion of text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by a vertical line adjacent to the identification number.

Date of issue for the original manual and changed pages:

Original 28 Jul 2008
Change 1 5 Nov 2009

TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 11 AND TOTAL NUMBER OF WORK PACKAGES IS 42, CONSISTING OF THE FOLLOWING:

Page/WP No.	*Change No.	Page/WP No.	*Change No.
Front Cover	0	Chp 5 title page	0
a	0	WP 0025 00 (4 pgs)	0
b	1	WP 0026 00 (8 pgs)	0
c and d	0	WP 0027 00 (8 pgs)	0
A	1	WP 0028 00 (4 pgs)	0
B	0	WP 0029 00 (6 pgs)	0
i	1	WP 0030 00 (6 pgs)	0
ii thru iv	0	WP 0031 00 (6 pgs)	0
Chp 1 title page	0	Chp 6 title page	0
WP 0001 00 (4 pgs)	0	WP 0032 00 (2 pgs)	0
WP 0002 00 (10 pgs)	1	WP 0033 00 (4 pgs)	0
WP 0003 00 (2 pgs)	0	WP 0034 00 (2 pgs)	0
Chp 2 title page	0	WP 0035 00 (6 pgs)	0
WP 0004 00 (2 pgs)	0	WP 0036 00 (4 pgs)	0
WP 0005 00 (2 pgs)	0	WP 0037 00 (2 pgs)	0
WP 0006 00 (4 pgs)	0	WP 0038 00 (2 pgs)	0
WP 0007 00 (2 pgs)	0	WP 0039 00 (4 pgs)	0
WP 0008 00 (2 pgs)	0	WP 0040 00 (2 pgs)	0
WP 0009 00 (4 pgs)	0	WP 0041 00 (2 pgs)	0
WP 0010 00 (6 pgs)	0	WP 0042 00 (2 pgs)	0
WP 0011 00 (2 pgs)	0		
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HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 28 July 2008

TECHNICAL MANUAL

OPERATOR AND FIELD MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR

FIRING DEVICE, NON-LETHAL: TASER X26E
NSN 1095-01-543-2189

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual, direct to: Logistics Research and Engineering Directorate (RDAR-EIL-LS), U.S. Army RDECOM, Armament Research, Development and Engineering Center, Picatinny Arsenal, NJ 07806-5000. You may also send in your recommended changes via electronic mail or by fax. Our e-mail address is PICAPubChanges@conus.army.mil. Our fax number is DSN 880-4633, Commercial (973) 724-4633. A reply will be furnished to you.

TABLE OF CONTENTS

HOW TO USE THIS MANUAL

GENERAL

This manual contains all descriptive, operational, troubleshooting and maintenance information required to operate and maintain the TASER X26E.

CONTENT OF MANUAL

This manual is divided into 6 chapters:

Chapter 1, General Information, Equipment Description, and Theory of Operation
Chapter 2, Operator Instructions
Chapter 3, Operator Troubleshooting Procedures
Chapter 4, Operator Maintenance Instructions
Chapter 5, Field Maintenance Instructions
Chapter 6, Supporting Information

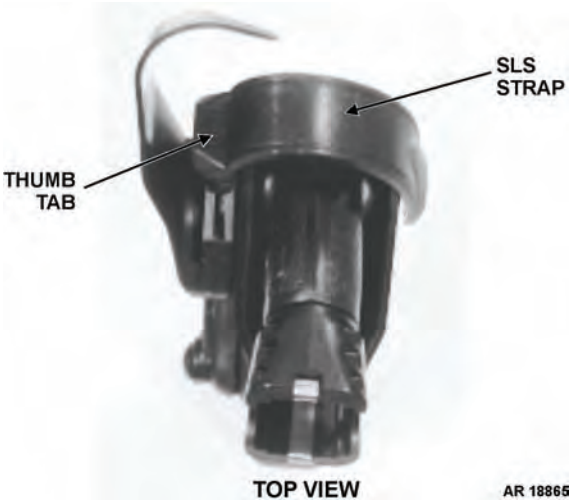
HOW TO ACCESS INFORMATION QUICKLY

The chapters are divided into work packages (WP). Each WP is assigned a six digit sequence number. The sequence numbers run consecutively throughout the manual. The first four digits of the WP sequence number are based on the location of the WP (e.g., 0005 00 is the fifth WP). The last two digits are reserved for WPs added after initial publication (e.g., 0005 01 is a WP added between WP 0005 00 and 0006 00). WP page numbers are numbered consecutively and consist of the WP sequence number followed by -1, -2, -3, etc. (e.g., 0005 00-1, 0005 00-2, etc.).

SUPPORTING ILLUSTRATIONS

All supporting illustrations are located on the same or facing page as the text they support. Illustrations are labeled with call-outs in the text, for example:

1. With thumb of drawing hand, press on thumb tab and push SLS strap down and forward.



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CHAPTER 1

GENERAL INFORMATION, EQUIPMENT DESCRIPTION, AND THEORY OF OPERATION FOR TASER X26E

OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
GENERAL INFORMATION

SCOPE

This Technical Manual (TM) covers the operator and field level instructions for operating and maintaining the TASER X26E.

Type of Manual: Operator and Field Maintenance.

Model Number(s) and Equipment Name(s): Firing Device, Non-Lethal: TASER, X26E.

Purpose of Equipment: To temporarily incapacitate a subject from a safe distance by use of non-lethal force without causing death or permanent injury.

AR18306

MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by (as applicable) DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual, or AR 700-138, Army Logistics Readiness and Sustainability. Accidents involving injury to personnel or damage to material will be reported on DA Form 285 (U.S. Army Accident Report) in accordance with AR 385-10, The Army Safety Program. Explosives and ammunition malfunctions will be reported in accordance with AR 75-1, Malfunctions Involving Ammunition and Explosives.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your TASER X26E needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. If you have Internet access, the easiest and fastest way to report problems or suggestions is to go to https://aeps.ria.army.mil/aepspublic.cfm (scroll down and choose the "Submit Quality Deficiency Report" bar). The Internet form lets you choose to submit an Equipment Improvement Recommendation (EIR), a Product Quality Deficiency Report (PQDR) or a Warranty Claim Action (WCA). You may also submit your information using an SF 368 (Product Quality Deficiency Report). You can send your SF 368 via e-mail, regular mail, or facsimile using the addresses/facsimile numbers specified in DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual. We will send you a reply.

CORROSION PREVENTION AND CONTROL (CPC)

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

Corrosion specifically occurs with metals. It is an electrochemical process that causes the degradation of metals. It is commonly caused by exposure to moisture, acids, bases, or salts. An example is the rusting of iron. Corrosion damage in metals can be seen, depending on the metal, as tarnishing, pitting, fogging, surface residue, and/or cracking.

Plastics, composites, and rubbers can also degrade. Degradation is caused by thermal (heat), oxidation (oxygen), solvation (solvents), or photolytic (light, typically UV) processes. The most common exposures are excessive heat or light. Damage from these processes will appear as cracking, softening, swelling, and/or breaking.

SF 368 (Product Quality Deficiency Report) should be submitted to the address specified in DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Written documentation shall be destroyed by any method that will prevent disclosure of contents or reconstruction of the document. Ammunition, weapons, fire control, and all other equipment/materiel shall be demilitarized and/or destroyed in accordance with the approved Demil Plan/local procedures, when possible.

PREPARATION FOR STORAGE OR SHIPMENT

The unit package quantity shall be one each TASER X26E, as required. A unit package shall be so designed and constructed to ensure there is no damage to the item through shipping, handling and storage sequences. The outermost component of the unit package shall be a wood box or equivalent container. All shipping containers shall be the most cost effective and shall be of the minimum cube to contain and protect the items. The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least 10 feet high, and storage under favorable conditions (e.g., enclosed facilities) for a minimum of 1 year.

All unit packages, intermediate packs, exterior shipping containers, and unitized loads (if applicable) shall be marked in accordance with MIL-STD-129 (Standard Practice for Military Marking). The contractor is responsible for application of special markings as discussed in the Military Standard, regardless of whether or not specified in the contract. Special markings include, but are not limited to, shelf-life markings, radioactive content as required by CFR 49, structural markings, and transportation special handling markings. Bar code markings are not required. The marking of pilferage and sensitive materiel will not identify the nature of the materiel. Unless otherwise specified, shipments shall have the address markings applied to the identification marked side of the exterior shipping container or to the unitized load markings. The following shall be marked: FROM - Name and address of sender; and TO - Name and address of receiver.

Shipments shall be unitized in the most cost effective and efficient manner possible providing they are stable and easily transported.


AR 18922

NOMENCLATURE CROSS-REFERENCE LIST

Common Name	Official Nomenclature
TASER X26E	Firing Device, Non-Lethal: TASER X26E with XDPM & Holster with Black Grip Shock Plates
Air Cartridge	Cartridge, Non-Lethal Firing Device: TASER Air Cartridge Single Shot, XP Probes, 35 Ft Range, Orange Blast Doors Cartridge, Non-Lethal Firing Device: TASER XP Air Cartridge Single Shot, XP Probes, 25 Ft Range, Green Blast Doors Cartridge, Non-Lethal Firing Device: TASER Standard Air Cartridge Single Shot, 21 Ft Range, Silver Blast Doors Cartridge, Non-Lethal Firing Device: TASER Training Air Cartridge, Single Shot, Non-conductive, 21 Ft Range, Blue Blast Doors
XDPM	Battery, Nonrechargeable: TASER X26E, XDPM
eXoskeleton Holster	Holster, Pistol: Exoskeleton Holster for TASER, Right-hand & Left-hand
SafariLand Holster	Holster, Pistol: SafariLand Holster for TASER, Right-hand
Dataport Download Kit	Interface Unit, Data Transfer: TASER X26E Usage Data Record Download Kit

LIST OF ABBREVIATIONS/ACRONYMS

Abbreviation/Acronym	Definition
AFID	Anti-Felon Identification Tags
CID	Central Information Display
CLS	Contractor Logistics Support
CRT	Cathode Ray Tube
DPC	Digital Pulse Controller
ESD	Electro-Static Discharge
GMT	Greenwich Mean Time
IAW	In Accordance With
LAN	Local Area Network
LED	Light Emitting Diode
MDU	Muscular Disruption Unit
NSN	National Stock Number
RMA	Return Material Authorization
SLS	Self Locking System
SOP	Standard Operating Procedure
USB	Universal Serial Bus
XDPM	Extended Digital Power Magazine

SAFETY, CARE, AND HANDLING

The TASER X26E shall be handled, maintained and operated in accordance with all approved safety and operational requirements. Any questions regarding safety, operation, or maintenance shall be addressed to the approved local appointed authority.

OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
EQUIPMENT DESCRIPTION AND DATA

EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES

TASER X26E

The TASER X26E is a non-lethal pulsed-energy firing device used to make the subject incapable of movement. Upon contact with the subject and during a cycling, the TASER X26E directs controlled 1,200 volts at a current of less than 4 milliamps and at a pulse rate of 19 pulses per second across the subject. The energy delivered per pulse is 0.07 joules. The TASER X26E pulses are shaped similarly to human nerve pulses, which results in an override of both the sensory and motor nervous systems, causing neuro-muscular incapacitation of the subject. The energy emitted is very low and the device does not direct 50,000 volts into the subject.

Air Cartridge

The air cartridge, which loads on the front of the TASER X26E, uses compressed nitrogen to launch two barbed probes attached to an insulated wire toward the subject. At the same time, numerous Anti-Felon Identification Tags (AFIDs) contained in each cartridge are dispersed.

XDPM and DPM

The Extended Digital Power Magazine (XDPM) is a non-rechargeable lithium energy cell power supply for the TASER X26E, with an extended handle for a better grip, and storage location for spare air cartridge. The XDPM has an on-board memory chip that maintains a record of the remaining power level in the XDPM, and provides capability to automatically upgrade the TASER X26E firmware.

The Digital Power Magazine (DPM) function is identical to the XDPM, but lacks the extended grip and spare air cartridge slot.

Holsters

The standard eXoskeleton holster is plastic, can be converted for ambidextrous-use, and attaches to the personnel's belt. Use of this holster ensures that the TASER X26E safety switch is always in the SAFE position while holstering.

The SafariLand holster is constructed of a more durable thermal-molded polymer and is felt-lined. It is only for right-handed use, and attaches to either the personnel's belt or Molle loop on a flak jacket vest. Use of this holster requires the user to check that the safety switch has been in the SAFE position prior to holstering.

Dataport Download Kit

Each time a TASER X26E is cycled, it records the time, date, temperature, battery life, and length of cycling as a single firing record. The TASER X26E does not perceive or report whether an air cartridge was loaded during a cycling. The dataport download kit permits this firing record data from a TASER X26E to be transferred to a computer, through the computer's USB port.

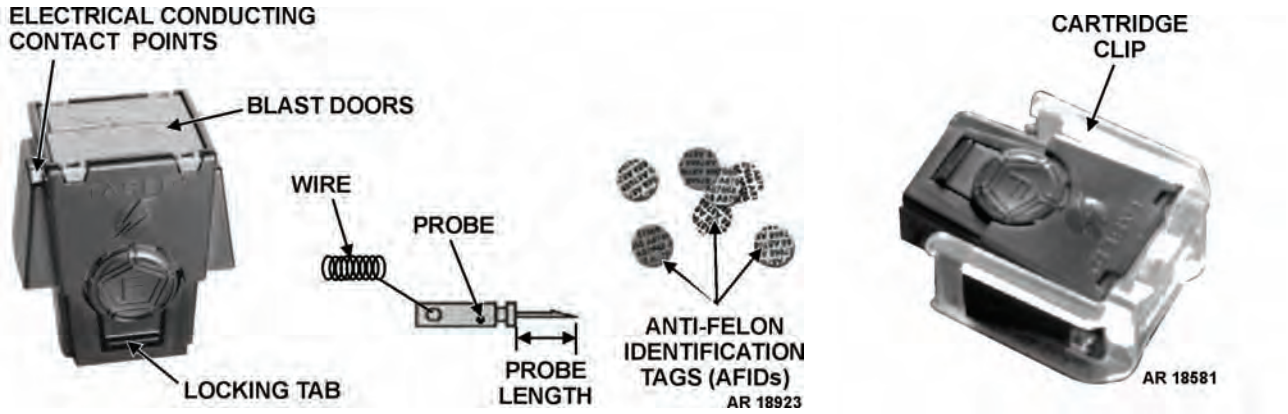
LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

The TASER X26E contains the following major components: TASER X26E; Extended Digital Power Magazine; and eXo-skeleton Holster.

TASER X26E

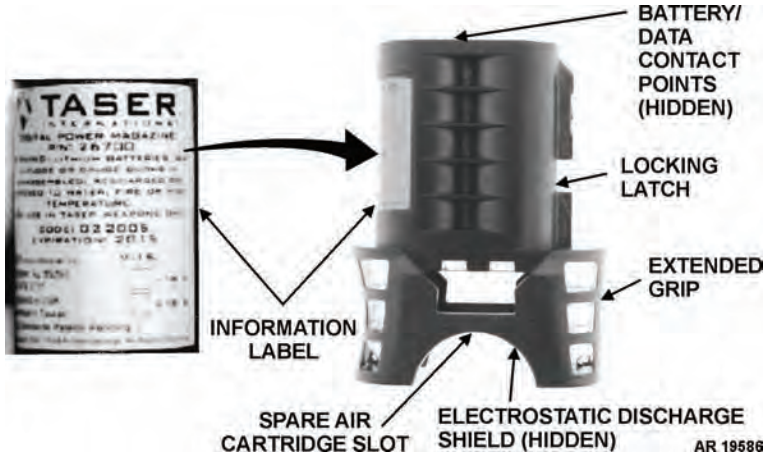
COMPONENT	DESCRIPTION
Device Electrical Conducting Contact Points	When the air cartridge is loaded, points transfer electrical signal into the air cartridge to the launch probes. Contact points sustain flow of electrical signal through the cartridge, down wires and probes and into the subject. When the air cartridge is not loaded, a "drive stun" can be performed by driving the front contact points of the TASER X26E into subject.
Exterior housing	Seals, encloses, and protects the electronic components of the TASER X26E. Provides the shape and form for the TASER X26E.
Sight	Two bright yellow, non-adjustable sights allow for accurate aiming of the device when the use of the integrated laser sight is not possible. Indicates where the upper probe will strike the subject.
Serial Number Plate	Stainless steel plate displays the individual device's serial number. The serial number is also stored in the device firmware, which can be referenced in the event the plate becomes illegible or is removed.
Handgrip	Allows personnel to grasp the device securely.
XDPM Socket	Where the XDPM or DPM is inserted to provide battery power to the system. Entry point for the download dataport cable to perform firing record downloads.
Grip Plates	Enables the TASER X26E to be grounded through the user's hands and body to protect the device from electrical damage during use.
LED Flashlight	Illuminates dark areas in front of the TASER X26E. Function is user-selectable between ON and OFF by the illumination selector button.
Laser Sight	Permanently fixed and non-adjustable, providing quick and accurate sighting of a subject. Indicates point on subject where upper probe will strike. Function is user-selectable between ON and OFF by the illumination selector button.
Air Cartridge Firing Bay	Secures the air cartridge to the TASER X26E and ensures proper alignment with the contact points for initiation.

Air Cartridge



COMPONENT	DESCRIPTION
Electrical Conducting Contact Points	Accept the electrical pulse from the TASER X26E to launch the probes. If a "drive stun" is necessary, the user can "drive" the front of the spent air cartridge (still loaded) into the subject to perform the "drive stun."
Blast Doors	Secure the probes, insulated wire, and AFIDs inside the air cartridge until initiation from the TASER X26E, and are ejected from the air cartridge when the TASER X26E is fired. They are color-coded to provide personnel quick identification of the range capability of the air cartridge.
Locking Tab	Located on both sides of the air cartridge, secures the air cartridge into the firing bay of the TASER X26E. Locking tabs also secure the air cartridge to the spare air cartridge slot of an XDPM battery.
Wire	Thin, insulated copper wires tether the probes to the live air cartridges. Directs the electrical pulse from the TASER X26E and air cartridge to the probe and subject. In the blue training cartridges, a nylon line, which does not conduct the electric pulse, is substituted for the copper wires.
Probe	Straight barbs that feature a flat blunt top to limit penetration to the length of the probe. Both probes must hit and stick to the subject for successful delivery of the TASER X26E electrical pulse. Blue training cartridges contain and launch probes the same as live air cartridges.
Anti-Felon Identification Tags (AFIDs)	Confetti-type tags which disperse into the local area during an air cartridge initiation. AFIDs have the same serial number as the serial number of the air cartridge, and are used to indicate that a TASER air cartridge was fired. The serial number of an air cartridge can be linked to the serial number of a TASER X26E upon issuing.
Cartridge Clip	Plastic disposable shipping clip which physically prevents the probes from accidental launching due to external electronic shock during shipping. The clip must be removed and discarded upon issuing each air cartridge to personnel.

Extended Digital Power Magazine

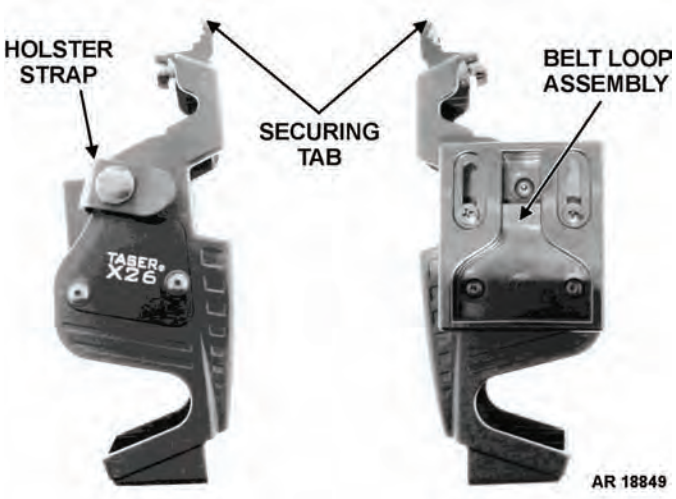


COMPONENT	DESCRIPTION
Information Label	Provides detailed information about the XDPM, including firmware version, P/N, and year of expiration. The color of the label also indicates firmware version. (See the *Differences Between Models* section for more information.)
Battery/Data Contact Points	Connects the XDPM to the TASER X26E, ensuring power is supplied. Contact points also provide communication between the XDPM and the TASER X26E for remaining battery life information and firmware upgrades.
Locking Latch	Locks the XDPM into the TASER X26E, preventing accidental separation.
Extended Grip	Provides additional grip for user's hand to better grasp the TASER X26E.
Electrostatic Discharge Shield	ESD shielding plate prevents unintentional launching of the probes from external sources of electrical shock.
Spare Air Cartridge Slot	Provides a storage location for a spare air cartridge.

Digital Power Magazine

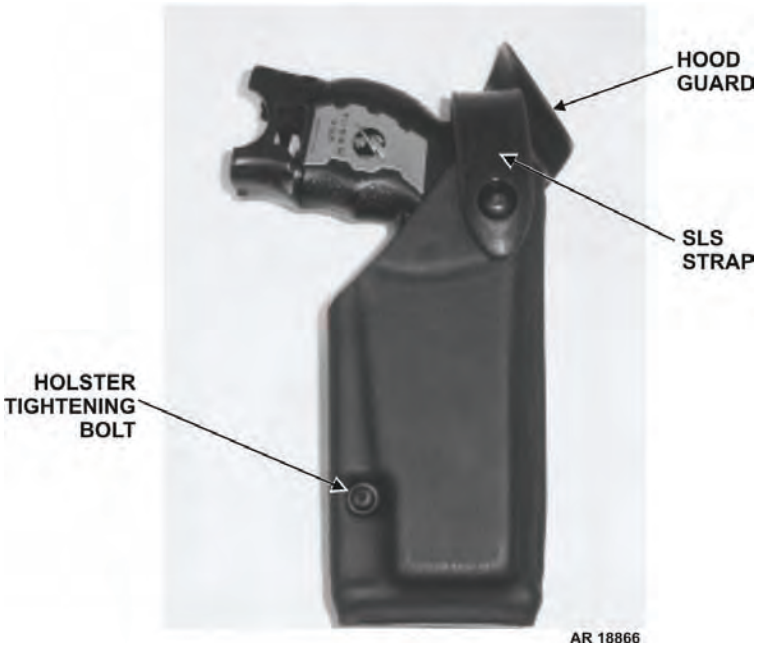
COMPONENT	DESCRIPTION
Information Label	Provides detailed information about the DPM, including firmware version, P/N, and year of expiration. The color of the label also indicates firmware version.
Battery/Data Contact Points	Connects the DPM to the TASER X26E, ensuring power is supplied. Contact points also provide communication between the DPM and the TASER X26E for remaining battery life information and firmware upgrades.
Locking Latch	Locks the DPM into the TASER X26E, preventing accidental separation.

eXoskeleton Holster



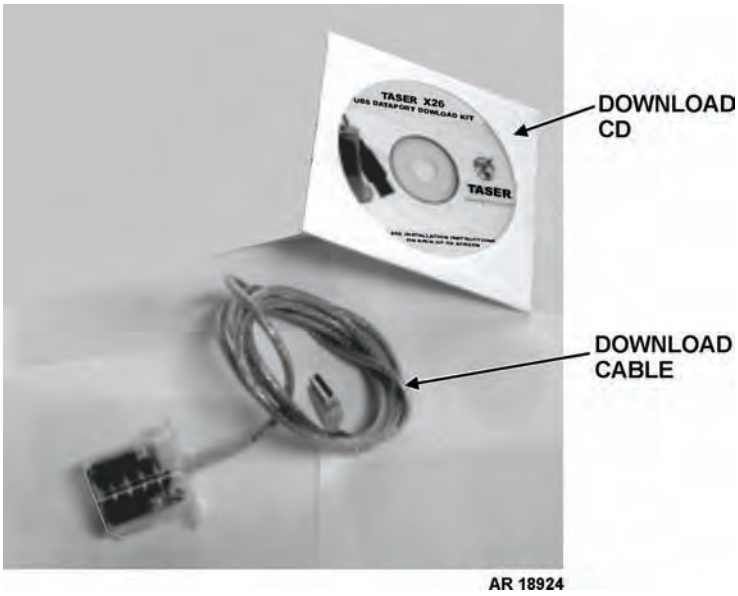
COMPONENT	DESCRIPTION
Holster Strap	Further secures the TASER X26E to the holster.
Securing Tab	Locks and secures the TASER X26E to the holster.
Belt Loop Assembly	Provides means of securing the holster to user's belt.

SafariLand Holster



COMPONENT	DESCRIPTION
Hood Guard	Located above and to the front of the holster, assists in shielding the TASER X26E and SLS strap from bumps and impact. Provides additional protection against damage or accidental discharge.
SLS Strap	Allows the TASER X26E to be drawn in a single motion, and provides protection against the TASER X26E falling out of an inverted holster.
Holster Tightening Bolt	Can be adjusted to limit the amount of insertion/withdrawal force required for holstering the TASER X26E.

Dataport Download Kit



COMPONENT	DESCRIPTION
Download CD	Requires installation to a Windows XP computer. Contains the software used to download the individual and serialized TASER X26E firing record data, including time, date, temperature, battery life, and length of discharge time.
Download Cable	Serves as the connection between the TASER X26E and the computer. One end is inserted in the XDPM socket of the TASER X26E and the other to a computer's USB port.

DIFFERENCES BETWEEN MODELS

The differences between the XDPM batteries are as follows:

Firmware Version, Label Color:

Version 12, yellow	Original version
Version 14, red	Minor change to internal coding
Version 15, red	Pulsing change from 19-19-15-15-15 pulses/sec to 19-19-19-19-19 pulses/sec for seconds 1 through 5
Version 18, orange	Compatible with TASER CAM (not currently provisioned)
Version 20, blue	Change to CID countdown
Version 21, purple	Improvement to TASER CAM (not currently provisioned)

EQUIPMENT DATA

Firing Device, Non-Lethal: TASER X26E	
NSN	1095-01-543-2189
P/N	26016
Weight	7 oz (175 g)
Dimensions	6 x 4 x 1.3 in. (15.3 x 10.2 x 3.3 cm)
Volume	25 cubic in. (410 cu cm)
Sight	Laser sight, integrated and yellow high visibility iron sights
Central Information Display (CID)	2 digit LED displays battery level, incapacitation time, warranty expiration, current date and time (GMT), temperature (C), current firmware version, and illumination status
Safety switch	Ambidextrous lever with Safe (“S”) and Fire (“F”) markings
Velocity	29.9 to 54.6 m/s (98 to 179 fps)
Voltage output	1,200 volts DC into load/subject, 50,000 volts DC (open air gap)
Current (amperage) output	2.1 mA (avg)
Energy output per pulse	0.36 joules
Energy delivered per pulse	0.07 joules
Incapacitation rating	105 muscular disruption units (MDUs)
Digital Pulse Controller (DPC)	0 to 5 sec: 19 pulses/sec w/V15 and above firmware 0 to 2 sec: 19 pulses/sec w/V11 to V14 firmware, then 3 to 5 sec: 15 pulses/sec w/V11 to V14 firmware
Temperature limits	-5ºF to +122ºF (-20ºC to +50ºC)
Packing:	
Cardboard box containing 1 TASER X26E and accessories consisting of	1 XDPM 1 Holster, Pistol: eXoskeleton Holster for TASER, Right-hand & Left-hand 2 3/32-in. Allen wrenches (for eXoskeleton holster) 2 spare 3/32-in. Allen bolts (for eXoskeleton holster) 1 manufacturer manual 1 manufacturer support information CD 1 practice target w/ metallic finish 1 molded plastic packaging material
Dimensions	9.875 x 9.875 x 3.5 in. (25.08 cm x 25.08 cm x 8.89 cm)
Cube	341.3 cubic in. (5593 cubic cm)
Weight	2 lb (0.91 kg)

Air Cartridges	
NSN:	
21-foot cartridge	1095-01-528-6894
21-foot cartridge (live simulation)	1095-01-528-6893
25-foot XP cartridge	1095-01-533-1733
35-foot XP cartridge	1095-01-545-5742
P/N:	
21-foot cartridge	44200
21-foot cartridge (live simulation)	44205
25-foot cartridge	44203
35-foot cartridge	44206
Blast Doors Colors:	
21-foot cartridge	Silver
21-foot cartridge (live simulation)	Blue, with blue body
25-foot cartridge	Green
35-foot cartridge	Orange
Weight (each)	2.4 oz (68.04 g)
Dimensions (each)	2.125 x 1.89 x 1.4 in. (5.4 x 4.8 x 3.57 cm)
Projectile type (each)	2 probes (straightened fish hooks)

Projectile weight (each)	0.92 oz (2.6 g)
Shelf life (each)	5 yr from production time
Probe length	0.373 in. (9.53 mm)
Temperature limits	-5ºF to +122ºF (-20ºC to +50ºC)
Packing for Air Cartridges:	
1 sleeve (Electro-Static Discharge (ESD) bag)	50 cartridges
Dimensions	24 x 14 x 2 in. (60.96 x 35.56 x 5.08 cm)
Cube	672 cu in. (11,012.1 cu cm)
Weight	7 lb
Outer shipping box	5 sleeves
Dimensions	24 x 14 x 13 in. (60.96 x 35.56 x 33.02 cm)
Cube	4368 cu in. (71578.7 cu cm)
Weight	50 lb (22.68 kg)

Battery, Nonrechargeable: TASER X26E, XDPM:

NSN	6135-01-528-6895
Part number	26701
Dimensions	1.98 x 2.57 x 1.32 in. (5.03 x 6.53 x 3.35 cm)
Weight	1.94 oz (54.99 g)
Shelf life	10 yr from production date
Temperature range	-5ºF to +122ºF (-20ºC to +50ºC)
Packing:	
Individual pack	1 XDPM
Dimensions	1.49 x 0.98 x 2 in. (3.8 x 2.5 x 5.1 cm)
Outer shipping box	60 individual packs
Dimensions	22 x 10 x 10 in. (55.88 x 25.4 x 25.4 cm)
Weight	22 lb (9.98 kg)
Firmware Version, Label Color:	
Version 12	Yellow
Version 14	Red (no rev number on label)
Version 15	Red (V15.0 on label)
Version 18	Orange (V18 on label)
Version 20	Blue (V20 on label)
Version 21	Purple (V21 on label)
Number of firings	Firmware v15 or above: 195 cycles Firmware v14 or below: 300 cycles

Battery Life:

Temperature -5ºF (-20ºC):	
Safe mode	10+ yr
Laser only	14 hr
Only Flashlight (OF)	6 hr
Laser & Light On (LF)	5 hr
Laser & Light Off (OO)	27 hr
Firings	87 cycles
Temperature +32ºF (0ºC):	
Safe mode	10+ yr
Laser only	30 hr
Only Flashlight (OF)	14 hr
Laser & Light On (LF)	10 hr
Laser & Light Off (OO)	59 hr
Firings	175 cycles

Temperature +77ºF (+25ºC):	
Safe mode	10+ yr
Laser only	48 hr
Only Flashlight (OF)	22 hr
Laser & Light On (LF)	16 hr
Laser & Light Off (OO)	93 hr
Firings	260 cycles
Temperature +104ºF (+40ºC):	
Safe mode	10+ yr
Laser only	59 hr
Only Flashlight (OF)	27 hr
Laser & Light On (LF)	20 hr
Laser & Light Off (OO)	113 hr
Firings	350 cycles

Holster, Pistol: SafariLand Holster for TASER, Right-hand:

NSN	1095-01-564-0900
P/N	SDG6004
Weight	1 lb
Packing:	
Plastic storage bag containing 1 SafariLand holster and accessories consisting of:	1 leg shroud 1 T spacer 3 1/2-in. Allen bolts 3 3/4-in. Allen bolts 1 1/8 in. Allen wrench 1 manufacturer owner's manual 1 manufacturer maintenance information

Dataport Download Kit:

NSN	7025-01-528-6897
P/N	26500
Dimensions	1.98 x 1.76 x 1.04 in. (5.03 x 4.47 x 2.64 cm)
Packing:	
Cardboard box containing	1 download cable 1 download CD

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

THEORY OF OPERATION

THEORY OF OPERATION

The TASER X26E is a pistol-shaped, non-lethal device that is used to temporarily incapacitate a subject from a safe distance without causing death or permanent injury.

When an air cartridge is loaded onto the TASER X26E, the safety switch is placed in the FIRE position and the trigger is pulled. Two probes tethered by insulated wires launch from the air cartridge up to 35 feet (depending on cartridge type) toward a targeted subject. As both probes "hook" into the skin or clothing of the subject, a controlled and shaped signal is delivered, temporarily causing involuntary muscular and nervous system incapacitation throughout the body during the time of discharge.

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CHAPTER 2

OPERATOR INSTRUCTIONS
FOR
TASER X26E

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

DESCRIPTION AND USE OF CONTROLS AND INDICATORS

TASER X26E

Table 1 contains controls and indicators for the TASER X26E.

Table 1. TASER X26E.

KEY	CONTROL OR INDICATOR	FUNCTION
1	Illumination Selector Button	Pressed when the safety switch is down in SAFE position. By pressing and releasing the button, the user cycles through the illumination settings.
2	Safety Switch	Switches the TASER X26E from SAFE to FIRE. When the safety switch is down in SAFE position, the TASER X26E is powered OFF and cannot be fired. When the safety switch is up in the FIRE position, the TASER X26E is powered ON and is fired by pulling the trigger.
3	Central Information Display (CID)	Two-digit LED display on the rear of the TASER X26E that shows information such as remaining battery life, illumination settings, warranty information, etc.
4	Extended Digital Power Magazine (XDPM) Release Button	Double spring loaded button, secures XDPM, DPM, or dataport download cable in socket.
5	Trigger	When the safety switch is in the FIRE position and the trigger is pulled, the TASER X26E emits controlled electrical pulses across the device contact points. If an air cartridge is loaded, the electrical pulses cause the probes to launch from the air cartridge. If an air cartridge is not loaded, a purple-white colored electric arc can be seen emitting across the device's contact points, which can be used for the drive stun procedure.

AIR CARTRIDGE

Table 2 contains controls and indicators for the Air Cartridges.

Table 2. Air Cartridge.

KEY	CONTROL OR INDICATOR	FUNCTION
1	Release Button	Release buttons, one on each side of the air cartridge, allow the air cartridge to be loaded or unloaded from the TASER X26E.

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

OPERATE SAFETY SWITCH, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Not applicable

OPERATING SAFETY SWITCH

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Do not shine the laser sight into the eyes. Serious eye injury may occur.

Do not aim the TASER X26E at any individual other than target. Serious injury to personnel may occur.

The TASER X26E is ready to fire when the safety switch is placed in the FIRE position or is positioned between SAFE and FIRE. It will fire when the trigger is pulled.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

NOTE

When the safety switch is placed in the FIRE position for 20 minutes, the TASER X26E will power OFF. The safety switch must first be moved to the SAFE position, and then back to the FIRE position in order for the device to be ready to fire again.

When the safety switch is placed in the FIRE position, the Central Information Display (CID) will display the remaining battery life for 5 seconds, then two periods/dots ". ." will display. Depending on the illumination setting selected, the laser sight and/or the LED flashlight will turn on and remain on.

The TASER X26E is shipped with an XDPM pre-installed to maintain the system clock to the current GMT.

1. Hold the TASER X26E in firing hand.

2. With thumb, flip the safety switch up to the FIRE position. A red “F” is visible, the device becomes armed, and is ready to fire.

3. With thumb, flip the safety switch down to the SAFE position. A green “S” appears.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

REMOVE/REPLACE EXTENDED DIGITAL POWER MAGAZINE (XDPM), OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)
Air cartridge removed (WP 0009 00)

REMOVING XDPM

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Do not store the XDPM anywhere where the copper contact points may become inadvertently shorted with metal objects. A fire or battery explosion may occur, causing death or serious injury.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

CAUTION

Do not move the safety switch and/or remove the XDPM immediately after inserting it into the XDPM socket in the handgrip. Always permit the TASER X26E to run through its diagnostic sequence or programming phase (20 seconds) when a new XDPM with new version firmware (visible on the label) is inserted. Otherwise permanent firmware corruption will result and render the TASER X26E unusable, requiring factory service. Immediate damage may occur to the XDPM.

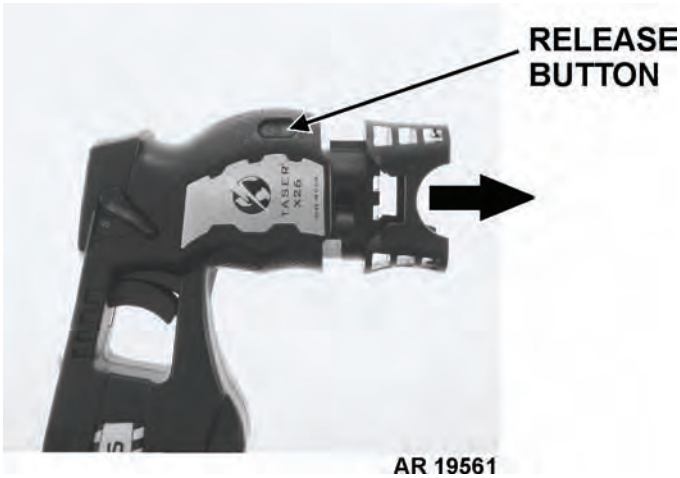
NOTE

Store the TASER X26E with the XDPM installed into the XDPM socket. The TASER X26E clock becomes reset after 4 hours with the XDPM removed from the socket.

The TASER X26E is shipped with an XDPM pre-installed to maintain the system clock to the current GMT.

1. Hold the TASER X26E sideways to prevent the XDPM from falling out of the handgrip.

2. Depress the XDPM release button completely to release the XDPM from the internal latch.



3. Remove the XDPM by sliding it out of the TASER X26E's handgrip.

4. Wait 5 seconds to allow the internal electrical components to discharge in the TASER X26E.

REPLACING XDPM

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Do not store the XDPM anywhere where the copper contact points may become inadvertently shorted with metal objects. A fire or battery explosion may occur, causing death or serious injury.

CAUTION

Do not move the safety switch and/or remove the XDPM immediately after inserting it into the XDPM socket in the handgrip. Always permit the TASER X26E to run through its diagnostic sequence or programming phase (20 seconds) when a new XDPM with new version firmware (visible on the label) is inserted. Otherwise permanent firmware corruption will result and render the TASER X26E unusable, requiring factory service. Immediate damage may occur to the XDPM.

NOTE

Store the TASER X26E with the XDPM installed into the XDPM socket. The TASER X26E clock becomes reset after 4 hours with the XDPM removed from the socket.

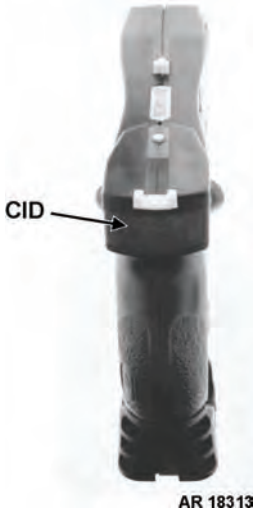
The TASER X26E is shipped with an XDPM pre-installed to maintain the system clock to the current GMT.

1. Observe the firmware version number printed on the new XDPM information label. If the firmware version number on the new XDPM is higher than the old one, the TASER X26E will automatically upgrade with the insertion of the new XDPM into the socket. Be prepared to set aside the TASER X26E for approximately 20 seconds to allow the upgrade to occur. If the firmware version is the same as or lower than the old XDPM, the TASER X26E will bypass the upgrade and display the diagnostic sequence.

2. Insert a new XDPM into the base of the TASER X26E handgrip. Push it into the handgrip until it locks into the internal latch and the release button pops up with an audible click.

3. If the firmware on the XDPM is a newer version than the current version installed on the TASER X26E, the TASER X26E firmware will automatically upgrade. If a “P” is displayed on the Central Information Display (CID), the TASER X26E is automatically upgrading and must be set aside for 20 seconds. Once the upgrade is complete, the TASER X26E reboots and displays the diagnostic sequence.

4. Visually confirm the TASER X26E diagnostic sequence on the CID.



When the CID is blank, the TASER X26E is ready to use. The information displayed in sequence on the CID is:

INFORMATION TYPE	DISPLAYED ON CID
Warranty Expiration	Year =>Month =>Day
Current Date & Time (GMT)	=>Year=>Month=>Day=>24 Hour=>Minute
Current Temperature	=>Celsius (flashing indicates negative)
Firmware Version	=>Version Number. =>(CID then becomes blank).

Example of a diagnostic sequence displayed on the CID after the XDPM has been inserted:

09	..	03	..	22	--

Warranty Date Expiration (Year, Month, Day)

08	..	11	..	03	..	13	..	35	--

Current (GMT) Date and Time (Year, Month, Day, Hour, Minute)

25	--	15.	

Celsius Temperature (*blinking means negative*) - - Current Firmware Version., Blank

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

CHECK EXTENDED DIGITAL POWER MAGAZINE (XDPM) BATTERY LIFE, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

References
WP 0006 00

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)
Air cartridge removed (WP 0009 00)

OPERATIONAL CHECK

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

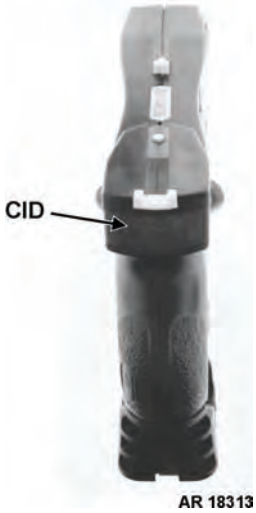
Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

NOTE

Check the XDPM battery life to ensure there is at least 20% or more before a mission. XDPMs with 20% or less battery life must be designated and used for training only. Dispose of the XDPM in accordance with local SOP when the battery life becomes 1%. XDPMs are near-identical to commercial lithium camera batteries and are non-rechargeable.

1. Aim the TASER X26E downrange or toward the ground.
2. Place the safety switch in the FIRE position.

3. The XDPM battery life percentage (00 through 99) displays on the Central Information Display (CID) for 5 seconds. After 5 seconds, the CID displays ". ." to indicate the TASER X26E is in the FIRE position.



Example of a 92% battery life displayed on the CID after placing the safety switch in FIRE position:

92	..

4. Place the safety switch in the SAFE position. (See WP 0005 00.) The CID turns blank, indicating SAFE.

5. If the XDPM battery life is at 20% or less, replace with a new XDPM. (See WP 0006 00.)

6. Turn in XDPMs with a battery life of 20% or less for training use. Dispose of the XDPM in accordance with local SOP when the battery life becomes 1%.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PERFORM SPARK TEST, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)
Air cartridge removed (WP 0009 00)

PERFORMING SPARK TEST

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Do not aim the TASER X26E at any individual other than target. Serious injury to personnel may occur.

Do not fire the TASER X26E in the presence of cathode ray tube (CRT) monitors/TVs, high voltage equipment, or at high voltage transmission lines. Death or serious injury may occur.

Do not fire the TASER X26E when flammable materials (i.e., gasoline, natural gas, etc.) and/or explosive material is in the immediate area, or at an individual inside a building or structure where an explosive environment such as dust, gunpowder, gunpowder loading rooms, or rooms that may have fuel or gas leaks exist. Death or serious injury may occur to personnel.

The TASER X26E has sufficient energy to initiate munition items such as MACS charges and tank rounds with combustible cartridge cases, 20mm and 30mm gun powder, RDX, etc. Death or serious injury to personnel may occur.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

Do not load or unload the air cartridge while the TASER X26E is in the FIRE position. Always place the safety switch in the SAFE position when loading or unloading the air cartridge, then re-arm the TASER X26E if necessary. Accidental discharge may occur, injuring personnel.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

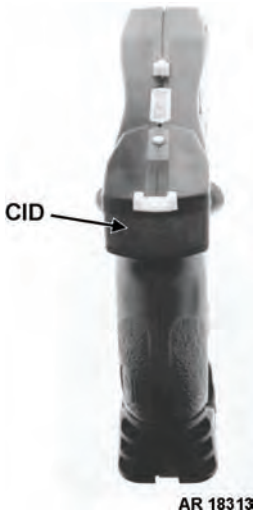
Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

1. Aim the TASER X26E downrange or toward the ground.

2. Place the safety switch in the FIRE position.

3. The XDPM battery life percentage (00 through 99) displays on the Central Information Display (CID) for 5 seconds. After 5 seconds, the CID displays ". ." to indicate the TASER X26E is in the FIRE position.



4. Pull the trigger. A purple-white colored electric arc is emitted across the electrodes and a smooth, rapid, and consistent electrical-arc pulse rate is heard. This indicates normal functioning.

5. After a normal pulse rate has been observed, flip the safety switch down to the SAFE position. A green "S" appears. This cancels the 5 second countdown and saves the battery life.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

LOAD/UNLOAD AIR CARTRIDGES, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

References
WP 0020 00

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)

LOADING/UNLOADING AIR CARTRIDGES

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

Do not load or unload the air cartridge while the TASER X26E is in the FIRE position. Always place the safety switch in the SAFE position when loading or unloading the air cartridge, then re-arm the TASER X26E if necessary. Accidental discharge may occur, injuring personnel.

Do not expose the air cartridges to temperatures outside the range of -5° F to +122° F (-20° C to +50° C). Cartridge blow-out may occur and cause erratic probe launching.

Do not tamper with any air cartridge. The probes may erratically launch, causing serious injury to personnel.

Dispose of dirty probes using local SOP for biohazardous material. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Disposable gloves must be worn at all times when removing probes from the detainee. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Do not handle air cartridges with the blast doors in the palm of hand. Always handle air cartridge from the rear and sides. Probes may launch if air cartridge receives an electrostatic shock. Serious injury to personnel may occur.

Do not store the TASER X26E and air cartridges in direct sunlight. Extended exposure can cause the temperature to rise above the maximum permissible temperature of +122º F (+50º C), and cause cartridge blow-out, resulting in erratic probe launching. Serious injury to personnel may occur.

WARNING

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

Do not dispose of unexpended air cartridges (duds) in a fire, near an open flame or any other heat source. The nitrogen capsule could explode and cause improper probe launching. Serious injury to personnel may occur.

Do not use damaged air cartridges. All air cartridges must be inspected prior to use for damage (bulges, cracks, missing blast doors, etc.). Dispose of damaged cartridges, especially when subjected to extreme temperature limits (-5º F to +122º F (-20º C to +50º C)). Serious injury to personnel may occur.

Unpacking the Air Cartridges

The air cartridges are packed 50 cartridges per box in an electrostatic bag, which is designed to reduce the hazard of Electro-Static Discharge (ESD). The bag also provides for environmental protection.

1. Cut open the ESD bag, and remove the packing box.

2. Open the packing box, and remove a cartridge.

AR 18653

NOTE

Each cartridge comes with a cartridge clip that covers the blast doors.

AR 18581

3. Grasp both sides of the cartridge clip with finger tips and push cartridge out using thumbs.
4. Discard the clip.
5. Visually inspect the air cartridge. (See WP 0020 00.)

Loading the Air Cartridge

1. Ensure the safety switch is in the SAFE position.

WARNING

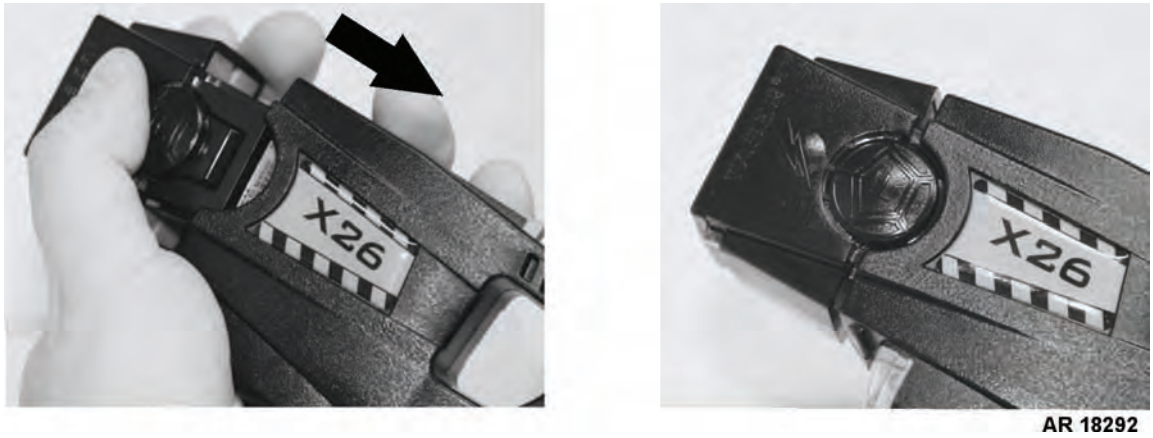
Always keep hands and body parts away from the front of the air cartridges. Probes may launch if air cartridge receives an electrostatic shock. Serious injury to personnel may occur.

If blast doors become detached from the air cartridge, discard the air cartridge IAW local SOP. Do not attempt to reattach blast doors, as an external static discharge may cause the probes to launch, seriously injuring personnel.

The 35-ft air cartridge (with orange blast doors) **MUST** be loaded with the arrows up or the probes may not shoot properly, and injury to personnel may occur.

2. Hold the TASER X26E in one hand at a 45° angle and cradle the air cartridge in the other hand. DO NOT block the front of the cartridge.

3. Insert the air cartridge into the air cartridge bay until it locks securely into position.



Unloading the Air Cartridge

1. Ensure the safety switch is in the SAFE position.

2. Hold the TASER X26E in one hand at a 45° angle.

WARNING

Always keep hands and body parts away from the front of the air cartridges. Probes may launch if air cartridge receives an electrostatic shock. Serious injury to personnel may occur.

3. Depress the release buttons on either side of the air cartridge and remove the air cartridge. DO NOT block the front of the cartridge.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

OPERATE HOLSTERS, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Tools and Special Tools
Cross tip screwdriver (Item 1, WP 0034 00)
Key, socket head screw (Item 2, WP 0034 00)
Key, socket head screw (Item 3, WP 0034 00)

References
WP 0005 00
WP 0009 00

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)

GENERAL

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

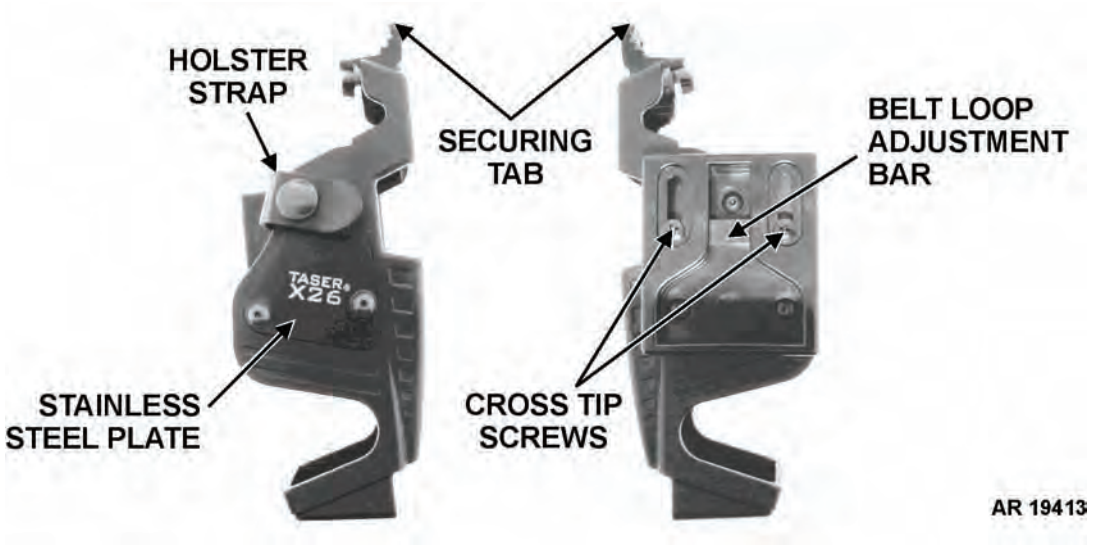
Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

NOTE

The TASER X26E should remain in its holster when inspection, use, or maintenance is not required.

OPERATING EXOSKELETON HOLSTER

The eXoskeleton holster provided with the TASER X26E is a hard plastic holster which can be attached to a duty belt for either right- or left-handed personnel. It has a holster strap for securing the TASER and a securing tab, which locks the TASER into the holster, both of which can prevent unexpected release, such as in an attempted seizure. The eXoskeleton holster secures the safety switch into the SAFE position to prevent accidental discharge when the TASER X26E is holstered.



Adjusting eXoskeleton Holster on Duty Belt

1. Loosen the two cross tip screws on the belt loop adjustment bar. Move the belt loop adjustment bar of the belt loop assembly upward.
2. Slide the duty belt through the belt loop assembly on the holster.
3. Move the belt loop adjustment bar of the belt loop assembly down so that it is snug against duty belt, but not so tight that the holster cannot be moved easily.
4. Tighten the two cross tip screws on the belt loop adjustment bar.
5. Put on the duty belt and adjust the holster so that it is easy to withdraw and insert the TASER X26E in holster.

Inserting TASER X26E in eXoskeleton Holster

1. Unsnap the eXoskeleton holster strap.
2. Ensure the safety switch is in the SAFE position on the TASER X26E. (See WP 0005 00.)

NOTE

The TASER X26E requires an air cartridge to be loaded in the air cartridge firing bay in order to be secured in the eXoskeleton holster.

3. Load an air cartridge into the air cartridge firing bay, if one is not loaded. (See WP 0009 00.)
4. Insert the air cartridge end of the TASER X26E into the lower portion of the eXoskeleton holster.
5. Push the TASER X26E into the eXoskeleton holster. The securing tab locks it in place.

NOTE

When the TASER X26E is in the eXoskeleton holster, the safety switch is locked in the SAFE position and cannot be moved.

6. Snap the eXoskeleton holster strap to secure the TASER X26E.

Removing TASER X26E from eXoskeleton Holster

1. Unsnap the eXoskeleton holster strap, press on the securing tab with thumb (it may be necessary to use the thumb opposite of firing hand), and grasping handgrip, lift out the TASER X26E.

2. Ensure the safety switch is in the SAFE position.

OPERATING SAFARILAND HOLSTER

The SafariLand 6004 is an alternate holster that is compatible with the TASER X26E. The holster, which is constructed of a more durable material than that of the eXoskeleton holster, is provided for right-handed use only. The Self Locking System (SLS) strap allows the TASER X26E to be drawn in a single motion and also gives protection against accidental withdrawal. The hood guard, located above and to the front of the holster, helps shield the SLS strap from impact and gives even more protection against unexpected release, as in an attempted seizure.

NOTE

There are various ways that the SafariLand holster can be adjusted for ease of use and comfort, e.g., attach the provided leg shroud directly to the holster, attach the provided T spacers so the duty belt slips onto the holster, or a combination of both.

The holster can also be used on a Molle loop on the flak jacket vest.

Remove and discard the cardboard spacer inside the holster before use.

Using SafariLand Holster on Duty Belt With T Spacers

1. Using the provided 1/8 in. Allen wrench, remove three Allen screws on back of the SafariLand holster.
2. Position the provided T spacers for ease of use of the holster, aligning holes.
3. Depending on configuration of the T spacers (one or two), insert the correct Allen screws (short or long) into the holes.
4. Tighten screws with the provided 1/8 in. Allen wrench.
5. Slide the duty belt through gap between the holster and the T spacer, and close the duty belt.
6. Position the holster comfortably for ease of use.

Using SafariLand Holster on Duty Belt With Leg Shroud

NOTE

The SafariLand holster does not include the leg strap kit, to which the leg shroud is attached.

1. Using the provided 1/8 in. Allen wrench, remove three Allen screws on back of the SafariLand holster.

NOTE

The T spacer already installed on the holster can be left on, if desired.

2. Place the leg shroud onto the holster, aligning screw holes.
3. Depending on whether or not the T spacer has been left on, insert the correct Allen screws (short or long) into the holes.
4. Tighten screws with the provided 1/8 in. Allen wrench.

NOTE

The holster with leg shroud can also be used on a Molle loop on the flak jacket vest.

5. Slide the duty belt through the gap between the holster and the T spacer, and close the duty belt.
6. Position the holster comfortably for ease of use.

Inserting TASER X26E into SafariLand Holster

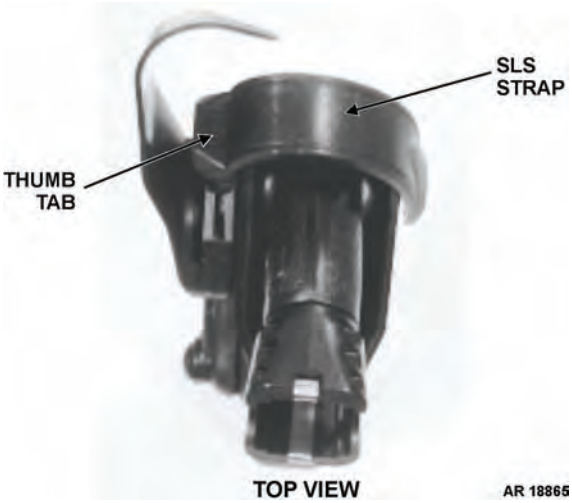
WARNING

Ensure that the safety switch is in the SAFE position prior to inserting the TASER X26E into the SafariLand holster, as the holster does not lock the safety switch. Serious injury to personnel may occur.

NOTE

There is a holster tightening bolt located on the front of the SafariLand holster. Adjust this bolt as necessary to aid in inserting or removing the TASER X26E.

1. With thumb of drawing hand, press on the thumb tab and push the SLS strap down and forward.



2. Ensure the safety switch is in the SAFE position on the TASER X26E.

3. Load an air cartridge into the air cartridge firing bay, if one is not loaded. (See WP 0009 00.)

4. Insert the air cartridge end of the TASER X26E into the lower portion of the SafariLand holster.

5. Push the TASER X26E into the SafariLand holster, and with thumb, move the SLS strap backward and over the TASER X26E, securing it in place.

Removing TASER X26E from SafariLand Holster

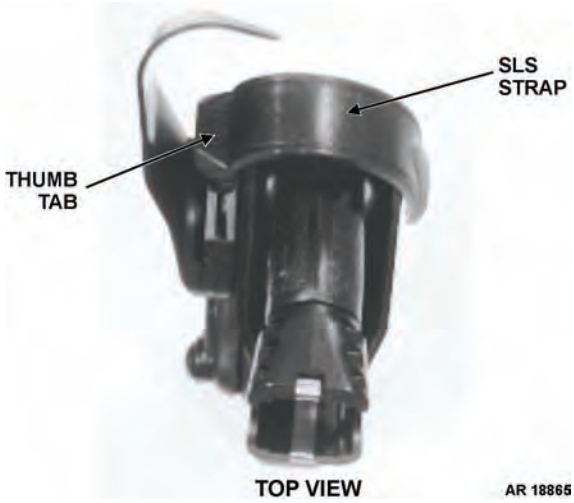
WARNING

Do not slip finger onto the trigger when withdrawing the TASER X26E from the SafariLand holster. The TASER X26E may accidentally discharge, causing serious injury to personnel.

NOTE

There is a holster-tightening bolt located on the front of the SafariLand holster. Adjust this bolt as necessary to aid in inserting or removing the TASER X26E.

1. Grasp the TASER X26E handgrip with drawing hand, placing thumb on the SLS strap.



2. Push the SLS strap down and then forward with thumb, lifting the TASER X26E straight up out of the holster.

3. Ensure the safety switch is in the SAFE position.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

SET LASER SIGHT/LED FLASHLIGHT ILLUMINATION, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)
Air cartridge removed (WP 0009 00)

SETTING LASER SIGHT/LED FLASHLIGHT ILLUMINATION

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

Do not shine the laser sight into the eyes. Serious eye injury may occur.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

1. Aim the TASER X26E downrange or toward the ground.

2. Press the illumination selector button until the Central Information Display (CID) illuminates, then release the button. The current illumination setting is displayed on the CID.

3. Press and release the illumination selector button to cycle through the four illumination settings. The four settings are:

OO	Laser off, Flashlight off
LO	Laser on, Flashlight off
OF	Flashlight on, Laser off
LF	Laser on, Flashlight on

4. When the desired setting appears in the CID, stop pressing the illumination selector button. The setting will be saved and the CID will turn off.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

AIM/FIRE TASER X26E, OPERATION UNDER USUAL CONDITIONS

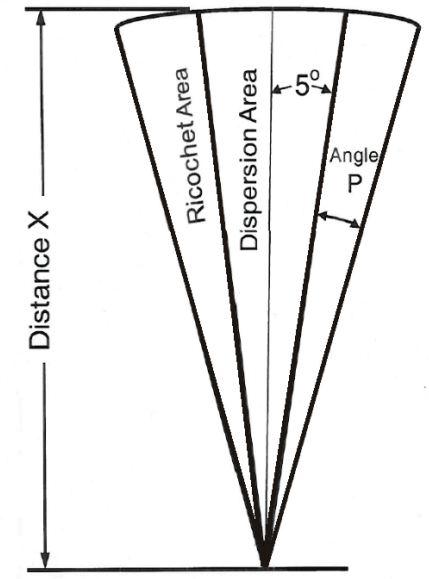
INITIAL SETUP:

References
WP 0009 00

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)

SURFACE DANGER ZONE

Personnel must know and observe the potential surface danger zone while using the TASER X26E.



AR 21554

ILLUSTRATION NOT TO SCALE

Table 1: SDZ Parameters for the LESD Taser X26E

Item	Distance X	Angle P
	(in ft)	(deg)
TASER X26E	36	10

AIMING/FIRING TASER X26E

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

All personnel must wear eye protection in the operational environment and must stand behind the gunner prior to and during the firing of a TASER X26E loaded with an air cartridge. Air cartridge blow-out may occur during firing, causing erratic probe launching. Injury may occur to personnel.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

WARNING - Continued

Do not aim the TASER X26E at any individual other than target. Serious injury to personnel may occur.

Do not fire the TASER X26E when flammable materials (i.e., gasoline, natural gas, etc.) and/or explosive material is in the immediate area, or at an individual inside a building or structure where an explosive environment such as dust, gunpowder, gunpowder loading rooms, or rooms that may have fuel or gas leaks exist. Death or serious injury may occur to personnel.

The TASER X26E has sufficient energy to initiate munition items such as MACS charges and tank rounds with combustible cartridge cases, 20mm and 30mm gun powder, RDX, etc. Death or serious injury to personnel may occur.

The TASER X26E has sufficient energy to initiate munition items such as MACS charges and tank rounds with combustible cartridge cases, 20mm and 30mm gun powder, RDX, etc. Death or serious injury to personnel may occur.

Do not fire the TASER X26E in the presence of cathode ray tube (CRT) monitors/TVs, high voltage equipment, or at high voltage transmission lines. Death or serious injury may occur.

Do not place the TASER X26E within 1 inch of a working two-way 400 MHz radio antenna when in the FIRE position, as accidental discharge of the probes may occur, resulting in injury to personnel, as well as possible permanent damage to electrical components within the TASER X26E.

Do not shine the laser sight into the eyes. Serious eye injury may occur.

To prevent personnel injury or permanent damage to TASER X26E, do not submerge the TASER X26E in water.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

Do not expose the air cartridges to temperatures outside the range of -5° F to +122° F (-20° C to +50° C). Cartridge blow-out may occur and cause erratic probe launching.

Do not fire air cartridges at hard surfaces. The probes may ricochet, causing serious injury to personnel.

Do not tamper with any air cartridge. The probes may erratically launch, causing serious injury to personnel.

Use extreme care when firing or drive stunning the TASER X26E during practice. Serious injury to personnel may occur.

Do not use commercial pepper spray or similar riot control agents with TASER devices without previously testing for flammability. If pepper spray saturated material/object catches fire after being fired upon with TASER, do not use that particular pepper spray. Death or serious injury may occur to the user, personnel, and/or subject.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

Do not store the TASER X26E and air cartridges in direct sunlight. Extended exposure can cause the temperature to rise above the maximum permissible temperature of +122º F (+50º C), and cause cartridge blow-out, resulting in erratic probe launching. Serious injury to personnel may occur.

Do not fire the TASER X26E at any individual who may have soaked their clothing in flammable solutions (e.g., gasoline, oil, etc.). Serious injury to personnel may occur.

Do not fire the TASER X26E at a targeted subject where falling may cause serious injury or death.

Do not fire the TASER X26E at a targeted subject in a punishing manner or for purposes of coercion. Serious injury may occur to the subject.

Do not fire the TASER X26E at a subject operating a motor vehicle unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at a subject gripping a firearm unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at women known or suspected-to-be pregnant, children, elderly, malnourished or disabled persons, unless circumstances require immediate action. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

Do not fire the TASER X26E at subjects known or suspected to have pre-existing heart or respiratory conditions. Serious injury or death may occur to the subject. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

When fired, the TASER X26E produces a sound similar to small arms gunfire, although much quieter. To warn personnel that the TASER X26E is about to be fired, the user must always announce "**TASER!**" in a loud, clear, audible voice to reduce the chance of accidental firearm discharge due to sympathetic fire response.

If a subject was required to receive two or more complete exposures to the TASER X26E, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use. Serious injury may occur to the subject.

Multiple operators must not fire multiple TASER X26Es at a single subject. The use of the TASER X26E is limited to one operator per one subject. Serious injury or death may occur to the subject.

CAUTION

Do not fire more than 10 full 5-second cycles in a 10 minute period to prevent overheating.

Probes launched from a tilted TASER X26E have a higher chance of missing the target.

If the TASER X26E hangfires, continue pointing at target, place safety switch in SAFE position, re-ARM, and retry firing.

The air cartridge wire is breakable. The specified maximum range of the cartridge equals the length of the wire. Ensure there is enough slack in the wire for the subject to fall to the ground to avoid making the wire taut.

Check the XDPM battery life to ensure there is at least 20% or more before a mission. XDPMs with 20% or less battery life must be designated and used for training only. Dispose of the XDPM in accordance with local SOP when the battery life becomes 1%. XDPMs are almost identical to commercial lithium camera batteries and are non-rechargeable.

NOTE

When the safety switch is placed in the FIRE position for 20 minutes, the TASER X26E will power OFF. The safety switch must first be moved to the SAFE position, and then to the FIRE position again in order for the device to be ready to fire again.

The TASER X26E should remain in its holster when inspection, use, or maintenance is not required.

1. Load an air cartridge into the TASER X26E air cartridge bay. (See WP 0009 00.)
2. Aim the TASER X26E downrange.
3. Flip the safety switch up to the FIRE position. A red "F" appears.

4. Ensuring the TASER X26E is level with the ground (not tilted), aim at the subject's center of mass using the laser sight.

NOTE

The electrical pulses can be cancelled during the 5-second duration by placing safety switch in the SAFE position.

The trigger can be held for longer than 5 seconds. The electrical pulses automatically stop when the trigger is released after being held for longer than 5 seconds.

Each time the TASER X26E is cycled (safety switch in FIRE position, trigger pulled and held down for 5 or more seconds and then released), it records the time of day, date, temperature, battery life, and length of cycling as a single firing record. The TASER X26E does not sense or report whether an air cartridge was loaded during cycling.

5. In a loud, clear and audible voice announce "**TASER!**" Pull and release the trigger to fire the TASER X26E. Two probes will launch from the air cartridge toward the subject and upon successful contact, the TASER X26E will temporarily incapacitate the subject. A 5-second countdown will display on the CID. Anti-felon identification tags (AFIDs) will dispense from the air cartridge around the firing area.

6. After 5 seconds the electrical pulses stop. If necessary, apply additional electrical pulses to the subject. The probes must remain hooked into the subject, the wires remain unbroken, the cartridge remain loaded in the TASER X26E, and there must still be battery life in the XDPM.

NOTE

Support personnel may take custody of the subject during cycling. The wires or the attached probes must not be touched with hands, arms, knees, etc., of personnel or support personnel while the subject is being taken into custody. A partial stun may be experienced, or the wires may be broken.

7. After the subject is in custody, flip the safety switch down to the SAFE position. A green "S" appears.

8. Unload the used air cartridge from the TASER X26E. If necessary, load another air cartridge (See WP 0009 00.)

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PERFORM DRIVE STUN TECHNIQUE, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

References
WP 0014 00

Equipment Conditions
TASER X26E fired (WP 0012 00)

PERFORMING DRIVE STUN TECHNIQUE

This Work Package is intended to be technical information on how to use the TASER X26E in a 1 probe hit/1 probe miss, or unexpected subject approach situation. It is not intended for advice on when to perform the drive stun technique in such a situation.

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

All personnel must wear eye protection in the operational environment and must stand behind the gunner prior to and during the firing of a TASER X26E loaded with an air cartridge. Air cartridge blow-out may occur during firing, causing erratic probe launching. Injury may occur to personnel.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Do not aim the TASER X26E at any individual other than target. Serious injury to personnel may occur.

Do not fire the TASER X26E when flammable materials (i.e., gasoline, natural gas, etc.) and/or explosive material is in the immediate area, or at an individual inside a building or structure where an explosive environment such as dust, gunpowder, gunpowder loading rooms, or rooms that may have fuel or gas leaks exist. Death or serious injury may occur to personnel.

The TASER X26E has sufficient energy to initiate munition items such as MACS charges and tank rounds with combustible cartridge cases, 20mm and 30mm gun powder, RDX, etc. Death or serious injury to personnel may occur.

Do not fire the TASER X26E in the presence of cathode ray tube (CRT) monitors/TVs, high voltage equipment, or at high voltage transmission lines. Death or serious injury may occur.

To prevent personnel injury or permanent damage to TASER X26E, do not submerge the TASER X26E in water.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

WARNING - Continued

Do not load or unload the air cartridge while the TASER X26E is in the FIRE position. Always place the safety switch in the SAFE position when loading or unloading the air cartridge, then re-arm the TASER X26E if necessary. Accidental discharge may occur, injuring personnel.

Do not expose the air cartridges to temperatures outside the range of -5° F to +122° F (-20° C to +50° C). Cartridge blow-out may occur and cause erratic probe launching.

Do not fire air cartridges at hard surfaces. The probes may ricochet, causing serious injury to personnel.

Do not tamper with any air cartridge. The probes may erratically launch, causing serious injury to personnel.

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Use extreme care when firing or drive stunning the TASER X26E during practice. Serious injury to personnel may occur.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

Keep the TASER X26E in the holster when not in use and during all helicopter operations to prevent accidental firing of the cartridge by electrostatic discharge. Serious injury to personnel may occur.

Prior to handling the TASER X26E and air cartridges, personnel must ground themselves by touching a ground point to prevent erratic probe launching from electrostatic discharge. Serious injury to personnel may occur.

Do not store the TASER X26E and air cartridges in direct sunlight. Extended exposure can cause the temperature to rise above the maximum permissible temperature of +122º F (+50º C), and cause cartridge blow-out, resulting in erratic probe launching. Serious injury to personnel may occur.

Do not fire the TASER X26E at any individual who may have soaked their clothing in flammable solutions (e.g., gasoline, oil, etc.). Serious injury to personnel may occur.

Do not fire the TASER X26E at a targeted subject where falling may cause serious injury or death.

Do not fire the TASER X26E at a targeted subject in a punishing manner or for purposes of coercion. Serious injury may occur to the subject.

Do not fire the TASER X26E to awaken an unconscious or intoxicated subject. Serious injury may occur to the subject.

Do not fire the TASER X26E at a subject operating a motor vehicle unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at a subject gripping a firearm unless circumstances require immediate action. Serious injury or death may occur to the subject and/or nearby personnel.

Do not fire the TASER X26E at women known or suspected-to-be pregnant, children, elderly, malnourished or disabled persons, unless circumstances require immediate action. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

Do not fire the TASER X26E at subjects known or suspected to have pre-existing heart or respiratory conditions. Serious injury or death may occur to the subject. If exposure to the TASER X26E's effect was necessary, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use.

When fired, the TASER X26E produces a sound similar to small arms gunfire, although much quieter. To warn personnel that the TASER X26E is about to be fired, the user must always announce "**TASER!**" in a loud, clear, audible voice to reduce the chance of accidental firearm discharge due to sympathetic fire response.

If a subject was required to receive two or more complete exposures to the TASER X26E, seek medical treatment or clearance by a supervisor for detention processing for these subjects after use. Serious injury may occur to the subject.

Multiple operators must not fire multiple TASER X26Es at a single subject. The use of the TASER X26E is limited to one operator per one subject. Serious injury or death may occur to the subject.

CAUTION

Do not fire more than 10 full 5-second cycles in a 10 minute period to prevent overheating.

If the TASER X26E hangfires, continue pointing at target, place safety switch in SAFE position, re-ARM, and retry firing.

Always check the XDPM to ensure 20% or greater battery life before a mission. XDPMs with less than 20% battery life shall be used for training only. Dispose of the XDPM when the battery life becomes 1%. XDPMs are not rechargeable.

NOTE

Drive stunning can be performed with or without a loaded air cartridge.

When the safety switch is placed in the FIRE position for 20 minutes, the TASER X26E will power OFF. The safety switch must first be moved to the SAFE position, and then to the FIRE position again in order for the device to be ready to fire again.

The TASER X26E should remain in its holster when inspection, use, or maintenance is not required. The holster securely locks the TASER X26E safety switch in the SAFE position and prevents inadvertent arming.

One Probe Hit/One Probe Missed Event

The following steps detail technical information on how the TASER X26E can be used in the event of a one probe hit/one probe miss.

1. After firing the TASER X26E with a loaded air cartridge, continue to hold down the trigger.
2. Grasp the TASER X26E tightly with both hands.

NOTE

While the trigger is being held, one probe is in the subject, the front of the TASER X26E is driven into the subject, and the wires are intact, a full incapacitation effect will be delivered until the trigger is released.

3. Continuing to hold the trigger, firmly drive the front of the TASER X26E into the subject's body 4 or more inches away from the successful probe hit.
4. Release the trigger to stop the electrical pulses. If necessary, pull the trigger again to apply more pulses.
5. After the subject is in custody, flip the safety switch down to the SAFE position. A green "S" appears.
6. Go to WP 0014 00 (*Remove Probes from Subject/Disposal of Probes*).

Both Probes Miss or Air Cartridge Not Loaded Event

The following steps detail technical information on how the TASER X26E can be used in the event both probes miss the subject, or an air cartridge was not loaded on the front of the TASER X26E.

NOTE

When both probes completely miss a subject or an air cartridge is not loaded onto the TASER X26E, the Drive Stun covers an area of only approximately two inches. A partial stun effect is felt, but not full-body muscle and nervous system incapacitation. The subject will be able to react to the probes and may be able to escape custody.

While the trigger is held and the front of the TASER X26E is driven into the subject, regardless of whether or not an air cartridge is loaded, a partial stun effect will be delivered. Full incapacitation does not occur.

1. After firing the TASER X26E, with or without a loaded air cartridge, continue to hold down the trigger.
2. Grasp the TASER X26E tightly with both hands.
3. Continuing to hold the trigger, firmly drive the front of the TASER X26E into the subject's body for a partial stun effect.
4. Release the trigger to stop the electrical pulses, or if necessary, pull the trigger again to apply more pulses.
5. After the subject is in custody, flip the safety switch down to the SAFE position. A green "S" appears.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

REMOVE PROBES FROM SUBJECT/DISPOSAL OF PROBES, OPERATION UNDER USUAL CONDITIONS

INITIAL SETUP:

Materials/Parts
Disposable gloves (Item 7, WP 0041 00)
Goggles (Item 3, WP 0040 00)

Equipment Conditions
TASER X26E fired (WP 0012 00)
Drive stun procedure performed (WP 0013 00)

REMOVING/DISPOSING PROBES

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Dispose of dirty probes using local SOP for biohazardous material. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Disposable gloves must be worn at all times when removing probes from the detainee. Always assume biological substances are present and can permanently harm the user upon mishandling and exposure to the biological substance.

Always wear eye protection when operating the TASER X26E, handling the air cartridges, and removing the probes from the subject. Serious eye injury may occur.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Always keep the air cartridges and/or the TASER X26E with loaded air cartridge pointed downrange. The probes may accidentally launch, causing serious injury to personnel.

Never point an air cartridge at eyes or face. Always keep hands and body parts away from the front of the air cartridges. Probes may launch if they are struck sharply or receive an electrical shock.

Do not load or unload the air cartridge while the TASER X26E is in the FIRE position. Always place the safety switch in the SAFE position when loading or unloading the air cartridge, then re-arm the TASER X26E if necessary. Accidental discharge may occur, injuring personnel.

Do not expose the air cartridges to temperatures outside the range of -5° F to +122° F (-20° C to +50° C). Cartridge blow-out may occur and cause erratic probe launching.

Do not remove the probes if they are stuck in a sensitive area of the subject. Call a medic for immediate assistance.

1. Ensure the subject has complied and is detained.
2. Ensure the safety switch is in the SAFE position.
3. Remove the used air cartridge from the TASER X26E.

4. Put disposable gloves on both hands.

5. Examine the areas where the probes stuck into the subject. If an area(s) is sensitive (neck, face, throat, breast, groin, etc.), do not remove the probe. Medical removal is required in accordance with local Standard Operating Procedures (SOP).

6. Place one hand on the area around a probe to brace the subject.

7. With the other hand, grasp the probe with thumb and fingertips.

8. Quickly pull the probe directly away and out of the subject's clothing and/or skin.

9. Place the removed probe into the expended air cartridge, needle end first.

10. Repeat steps 6-9 for the other probe. Wrap wires around the cartridge. Place tape over the portals with the inserted probes.

11. While holding the expended cartridge with the removed probes in one hand, use the other hand to peel the glove off the hand holding the air cartridge, wrapping the glove over the air cartridge.

12. Holding the air cartridge wrapped in the glove in the other hand, peel the other glove off over the whole bundle.

NOTE

Personnel must ensure that the TASER X26E and air cartridge serial numbers are included on the police report.

13. Place the cartridges that have been bundled into the gloves into an evidence bag or envelope. Label with the report number, the words “TASER cartridge” and “biohazard.”

14. Dispose of the gloves/cartridge/probes bundle in an approved biohazard container in accordance with local SOP.

END OF WORK PACKAGE

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OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
OPERATION UNDER UNUSUAL CONDITIONS

INITIAL SETUP:

Tools and Special Tools
Rag, wiping (Item 8, WP 0037 00)
Goggles (Item 3, WP 0040 00)
Air duster cleaner (Item 1, WP 0041 00)

References
WP 0006 00
WP 0009 00
WP 0023 00

Equipment Conditions
Safety switch in SAFE position (WP 0005 00)

UNUSUAL ENVIRONMENT/WEATHER

WARNING

To prevent personnel injury or permanent damage to TASER X26E, do not submerge the TASER X26E in water.

Be aware when using the TASER X26E in a salt and fog environment that it may cause an increased misfire rate and/or a minor shock to personnel.

CAUTION

Do not use gun cleaning solvents, lubricant, or wet/damp cloth to clean the TASER X26E. Damage to the TASER X26E may occur.

NOTE

Inspect the TASER X26E often for moisture, corrosion and fungus growth.

1. Remove loaded air cartridge. (See WP 0009 00.)
2. Remove the XDPM. (See WP 0006 00.)
3. If in a wet/rainy environment, using a clean dry wiping rag, wipe off electrical conducting contact points and the plastic exterior housing of the TASER X26E.
4. If in a dry/dusty environment, using the air duster cleaner, remove any sand or dust from the XDPM socket in the handgrip.
5. Replace the XDPM and allow the diagnostic sequence to cycle. (See WP 0006 00.)

NOTE

See WP 0023 00 for instructions on cleaning the TASER X26E.

END OF WORK PACKAGE

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CHAPTER 3

OPERATOR TROUBLESHOOTING PROCEDURES FOR TASER X26E

OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
TROUBLESHOOTING INTRODUCTION

TROUBLESHOOTING PROCEDURES

The troubleshooting work package (WP 0017 00) contains a table listing the malfunctions, tests or inspections, and corrective actions required to return the TASER X26E to normal operation. Perform the steps in the order they appear in the table.

The troubleshooting work package is headed by an initial setup. This setup outlines what is needed as well as certain conditions which must be met before starting the task. DON'T START A TASK UNTIL:

You understand the task.
You understand what you are to do.
You understand what is needed to do the work.
You have the things you need.

This manual cannot list all malfunctions that may occur, or all tests or inspections and corrective actions. If a malfunction is not listed or is not corrected by listed corrective actions, notify your supervisor or operator/field maintenance.

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OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
TROUBLESHOOTING PROCEDURES

INITIAL SETUP:

Tools and Special Tools
Rag, wiping (Item 8, WP 0041 00)

References
WP 0005 00
WP 0006 00
WP 0007 00

References - Continued
WP 0008 00
WP 0009 00
WP 0011 00
WP 0012 00
WP 0023 00
WP 0042 00

TASER X26E

Table 1. Troubleshooting Procedures .

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
1. TASER X26E FAILS TO LAUNCH PROBES	1. Visually inspect safety switch position.	Move safety switch to FIRE position (IAW WP 0005 00).
	2. Visually inspect XDPM is installed.	Insert XDPM into TASER X26E handgrip (IAW WP 0006 00).
	3. Check XDPM battery life to ensure enough power available.	1. Check if XDPM depleted to 20% battery life or is damaged (IAW WP 0007 00). 2. Replace depleted/damaged XDPM with new XDPM (IAW WP 0006 00). 3. Ensure air cartridge is removed. (IAW WP 0009 00) Perform Spark Test (IAW WP 0008 00).
	4. Visually inspect for loaded air cartridge.	Insert air cartridge into TASER X26E (IAW WP 0009 00).
	5. Check air cartridge for misfire.	1. Unload air cartridge (IAW WP 0009 00). 2. Reload air cartridge (IAW WP 0009 00). 3. Attempt to launch probes again (IAW WP 0012 00). 4. If probes fail to launch, remove and replace with new air cartridge (IAW WP 0009 00), and re-attempt to fire (IAW WP 0012 00).

Table 1. Troubleshooting Procedures - Continued.

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
	6. Visually inspect TASER X26E for damage.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
2. TASER X26E FAILS DRIVE STUN OR SPARK TEST	1. Check that safety switch is in SAFE position.	Move safety switch to FIRE position (IAW WP 0005 00).
	2. Visually inspect XDPM is installed.	Insert XDPM into TASER X26E handgrip (IAW WP 0006 00).
	3. Check XDPM battery life to ensure enough power is available.	1. Check if XDPM depleted to 20% battery life (IAW WP 0007 00) or is damaged. 2. Replace depleted XDPM with new XDPM (IAW WP 0006 00). 3. Ensure air cartridge is removed (IAW WP 0009 00). Perform Spark Test (IAW WP 0008 00).
	4. Visually inspect TASER X26E for damage.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
3. LASER SIGHT AND/OR LED FLASHLIGHT FAIL TO ILLUMINATE	1. Visually inspect safety switch to ensure it is in SAFE position.	Move safety switch to FIRE position (IAW WP 0005 00).
	2. Check XDPM battery life to ensure enough power available.	1. Check if XDPM depleted to 20% battery life (IAW WP 0007 00) or is damaged. 2. Replace depleted XDPM with new XDPM (IAW WP 0006 00).
	3. Visually inspect XDPM to ensure it is installed.	Insert XDPM into TASER X26E handgrip (IAW WP 0006 00).
	4. Visually inspect illumination setting.	Set laser light/LED flashlight illumination setting (IAW WP 0011 00).

Table 1. Troubleshooting Procedures - Continued.

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
	5. Visually inspect illumination selector button to ensure it moves and is not stuck in place.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
	6. Visually inspect laser sight and LED flashlight components.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
4. CID REMAINS BLANK WHEN SAFETY SWITCH IS MOVED TO THE FIRE POSITION	1. Visually inspect XDPM is installed.	Insert XDPM into TASER X26E handgrip (IAW WP 0006 00).
	2. Install new XDPM and check battery life.	Insert XDPM into TASER X26E handgrip (IAW WP 0006 00), and check battery life (IAW WP 0007 00).
	3. Visually inspect TASER X26E for damage.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.

Table 1. Troubleshooting Procedures - Continued.

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
5. "EE" IS DISPLAYED ON CID INSTEAD OF BATTERY LIFE PERCENTAGE WHEN SAFETY SWITCH IS MOVED TO FIRE POSITION.	Visually inspect XDPM battery contact points and TASER X26E battery contact points within XDPM socket for dirt and/or debris.	1. Move safety switch to SAFE position. 2. Remove air cartridge and XDPM (IAW WP 0009 00 and WP 0006 00). 3. Clean TASER X26E battery contact points and XDPM battery contact points (IAW WP 0023 00). 4. Re-insert XDPM in XDPM socket (IAW WP 0006 00). 5. Perform Spark Test (IAW WP 0008 00). 6. If "EE" re-appears, install new XDPM and perform Spark Test (IAW 0006 00 and WP 0008 00). 7. If "EE" still appears, turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
6. "OO" IS DISPLAYED ON CID AS BATTERY LIFE PERCENTAGE WHEN SAFETY SWITCH IS MOVED TO THE FIRE POSITION.	Visually inspect battery life percentage displayed on CID.	XDPM has malfunctioned. Replace with new XDPM (IAW WP 0006 00) and perform Spark Test (IAW WP 0008 00).
7. "E" OR "H" DISPLAYS ON CID	1. Visually inspect to see if XDPM was removed, safety switch was moved, or trigger was tampered with during time of firmware upgrade.	Firmware has become corrupted. Return TASER X26E to local unit weapon storage and receive replacement. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.

Table 1. Troubleshooting Procedures - Continued.

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
	2. Visually inspect TASER X26E for damage to handgrip or exterior housing.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
8. TASER X26E DOES NOT POWER ON	1. Visually inspect TASER X26E for cracks in handgrip or exterior housing.	If cracked, turn in TASER X26E IAW local SOP.
	2. Visually inspect safety switch for damage.	Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.
	3. Visually inspect TASER X26E for presence of water or water submersion.	1. Dry TASER X26E thoroughly. 2. Remove XDPM (IAW WP 0006 00) and permit the TASER X26E to dry out for 24 hours. 3. Perform cleaning procedures (IAW WP 0023 00). 4. Replace XDPM (IAW WP 0006 00). 5. Perform Spark Test (IAW WP 0008 00). **NOTE** If TASER X26E discharges without pulling trigger after safety switch is in the FIRE position, immediately place safety switch in SAFE position. 6. Turn in TASER X26E to local unit IAW local SOP. **NOTE** If TASER X26E is under warranty, refer to WP 0042 00.

END OF WORK PACKAGE

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CHAPTER 4

OPERATOR MAINTENANCE INSTRUCTIONS FOR TASER X26E

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) INTRODUCTION

INITIAL SETUP:

References
DA Form 2404
DA PAM 750-8

GENERAL

The PMCS provides procedures to ensure the XDPM and Air Cartridges are in operating condition.

EXPLANATION OF COLUMNS IN THE PMCS TABLE

1. Item Number Column – Numbers in this column are for reference. Item numbers appear in the order in which checks and services must be performed for the intervals listed.

2. Interval Column – This column tells you when each check is to be performed in the procedure column.

3. Man-hour Column – This column gives the man-hours required to complete all prescribed lubrication services.

4. Item To Be Checked or Serviced Column – This column lists the item to be checked or serviced.

5. Procedure Column – This column gives the procedure you must do to check or service the item listed in the Item To Be Checked or Serviced column to know if the equipment is ready or available for its intended mission or for operation. You must do the procedure at the time stated in the interval column.

6. Equipment Not Ready/Available If: Column – Information in this column tells you what faults will keep your equipment from being capable of performing its primary mission. If applicable, following Equipment Not Ready/Available If: condition is a suggested remedy that will correct the discovered discrepancy. Follow standard operating procedures for maintaining the equipment or reporting equipment failure. Report any malfunctions or failures on DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or refer to DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual.

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) FOR TASER X26E

INITIAL SETUP:

Tools and Special Tools
Refer to applicable work package(s) for specific tools

Materials/Parts
XDPM battery (Item 2, WP 0039 00)
Air duster cleaner (Item 1, WP 0041 00)
Isopropyl alcohol (Item 6, WP 0041 00)
Rag, wiping (Item 8, WP 0041 00)
Swab, foam (Item 9, WP 0041 00)

References
WP 0006 00
WP 0008 00
WP 0009 00
WP 0011 00
WP 0023 00

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR TASER X26E

Table 1. PMCS for TASER X26E .

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
1	Before and After	0.1	Exterior housing/ handgrip	With the XDPM and air cartridge removed (IAW WP 0006 00 and WP 0009 00), use thumbs of both hands to inspect the seams and plastic welds of the XDPM dataport socket and exterior housing. There must not be any movement or flexing at the seams, otherwise the XDPM will not fit correctly and may cause system fault, resulting in a misfire or firmware corruption.	Exterior housing is broken, cracked or separation exists at the welded seams, the TASER X26E is unserviceable. Turn in TASER X26E to local unit IAW local SOP.
2	Before and After	0.1	Trigger, safety switch, illumination selector button, and XDPM release button	With the XDPM removed (IAW WP 0006 00), inspect for the mechanical function of the safety switch, trigger, illumination selector button, and XDPM release button.	Trigger, safety switch, or buttons are missing, broken, or not moving properly, TASER X26E is unserviceable. Turn in TASER X26E to local unit IAW local SOP.

Table 1. PMCS for TASER X26E - Continued.

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
3	Before and After	0.1	CID diagnostic check	With the air cartridge removed (IAW WP 0009 00), insert the XDPM into the DPM dataport socket (IAW WP 0006 00). Observe the diagnostic sequence on the Central Information Display (CID).	A "P" is displayed on the CID, the TASER X26E is receiving a firmware upgrade, and must be set aside until the CID becomes blank. If any other alphanumeric characters are displayed on the CID which are not listed in WP 0011 00, the TASER X26E firmware may have become corrupted and the TASER X26E is unserviceable. Turn in TASER X26E to local unit IAW local SOP.
4	Before and After	0.1	TASER X26E Spark Test	With the air cartridge removed (IAW WP 0009 00), check the functioning of the TASER X26E by performing the Spark Test (IAW WP 0008 00). Listen for a smooth, rapid, and consistent electrical-arc pulse rate.	The electrical arc is audibly observed at a variable, slow, choppy, and/or inconsistent pulse rate, remove the XDPM and replace with a replacement XDPM. Re-attempt the Spark Test. If the pulse rate is still inconsistent, the TASER X26E is unserviceable. Turn in TASER X26E to local unit IAW local SOP.
5	After	0.1	Device electrical conducting contact points and air cartridge bay	With the XDPM and air cartridge removed (IAW WP 0006 00 and WP 0009 00), inspect the air cartridge firing bay and electrical conducting contact points for cleanliness.	The bay or contact points are dirty, follow WP 0023 00 to clean the TASER X26E.

Table 1. PMCS for TASER X26E - Continued.

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
6	Before and After	0.1	XDPM socket	With the XDPM and air cartridge removed (IAW WP 0006 00 and WP 0009 00), inspect the XDPM data-port socket for cleanliness.	Battery contact leads are dirty, clean IAW WP 0023 00.
7	Before and After	0.1	Laser sight and LED flashlight	1. With air cartridge removed (IAW WP 0009 00), check the function of the TASER X26E illumination settings (IAW WP 0011 00).	
				2. If laser sight and/or LED flashlight fail to illuminate, perform Spark Test (IAW WP 0008 00) to verify proper function of the TASER X26E. **NOTE** A TASER X26E which passes the Spark Test can still be used with its non-adjustable sights.	Laser sight and/or LEDs fail to illuminate, and TASER X26E fails Spark Test, turn in TASER X26E to local unit IAW local SOP.

END OF WORK PACKAGE

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) FOR AIR CARTRIDGES

INITIAL SETUP:

Not applicable

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR AIR CARTRIDGES

Table 1. PMCS for Air Cartridges.

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
1	Before and After	0.1	Air Cartridges	Visually inspect the exterior plastic case of the air cartridge for missing blast doors, missing securing tabs, cracks, and/ or bulges.	The air cartridge is unserviceable if it has been fired, if blast doors are missing, if there are missing air cartridge release buttons (tabs), or if cracks and/or bulges are present. Turn in TASER X26E air cartridge to local unit IAW local SOP.
2	Before and After	0.1		Visually inspect the air cartridge for Month/Year of expiration (MM/YY) date on the label. 	The current month/ year is past the expiration month/ year. Return air cartridge to storage and classify as “for training use only.”

END OF WORK PACKAGE

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) FOR XDPM BATTERY

INITIAL SETUP:

Tools and Special Tools
Refer to applicable work package(s) for specific tools

Materials/Parts
XDPM battery (Item 2, WP 0039 00)
Air duster cleaner (Item 1, WP 0041 00)
Isopropyl alcohol (Item 6, WP 0041 00)

Materials/Parts – Continued
Rag, wiping (Item 8, WP 0041 00)
Swab, foam (Item 9, WP 0041 00)

References
WP 0007 00
WP 0023 00

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR XDPM BATTERY

Table 1. PMCS for XDPM Battery .

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
1	Before	0.1	XDPM Battery	1. Visually inspect the exterior of the XDPM for cracks, bulges, missing electrostatic discharge shield, and/or any battery composition leakage.	XDPM is unserviceable if cracked, bulged, or is leaking. The XDPM is still serviceable if the electrostatic discharge shield is missing, however, the spare air cartridge slot must not be used for storing a spare air cartridge. Return XDPM for disposal and replacement.
				2. Visually inspect the XDPM for year of expiration (YYYY) on the label.	Current year is either on or past the expiration year. Return XDPM for disposal and receive replacement.

Table 1. PMCS for XDPM Battery - Continued.

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			Battery/data contact points	1. Visually inspect for missing battery contact points and cleanliness.	Dirty, clean battery contact points IAW WP 0023 00. XDPM is unserviceable if contact points are rubbed or flaked off. Return XDPM for disposal and replacement IAW local SOP.
				2. Visually inspect the battery level of the XDPM (WP 0007 00)	XDPM of battery level greater than 20% indicates mission capable serviceability, between 2% and 20% indicates “For training use only”, and 1% indicates that the XDPM must be returned for disposal and replacement IAW local SOP.

END OF WORK PACKAGE

OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) FOR HOLSTERS

INITIAL SETUP:

Materials/Parts
XDPM battery (Item 2, WP 0039 00)
Air duster cleaner (Item 1, WP 0041 00)
Isopropyl alcohol (Item 6, WP 0041 00)
Rag, wiping (Item 8, WP 0041 00)
Swab, foam (Item 9, WP 0041 00)

References
WP 0010 00

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR HOLSTERS

Table 1. PMCS for Holsters.

ITEM NO.	INTERVAL	MAN-HOUR	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
1	Before and After	0.1	eXoskeleton holster	1. Visually inspect eXoskeleton for the presence of cracks or breaks on the holster components. Ensure the securing tab is not broken or missing. Ensure the strap is not cut, broken, or missing. 2. Test the holster function by inserting a TASER X26E (with air cartridge loaded) IAW WP 0010 00.	If the eXoskeleton holster is cracked, securing tab or strap missing, turn in holster IAW local SOP and receive replacement holster.
2	Before and After	0.1	SafariLand holster	1. Visually inspect SafariLand for the presence of cracks and evidence of crushing on the holster components. 2. Test function of locking strap by operating the strap IAW WP 0010 00. 3. Test the holster function by inserting a TASER X26E (with or without air cartridge loaded) IAW WP 0010 00.	If the SafariLand holster is cracked or crushed, and/or if locking strap mechanism is unserviceable, turn in IAW local SOP holster and receive replacement holster.

END OF WORK PACKAGE

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

CLEAN TASER X26E

INITIAL SETUP:

Materials/Parts
- Air duster cleaner (Item 1, WP 0041 00)
- Rag, wiping (Item 8, WP 0041 00)
- Swab, foam (Item 9, WP 0041 00)

Equipment Conditions
- Safety switch in SAFE position (WP 0005 00)
- XDPM removed (WP 0006 00)
- Air cartridge removed (WP 0009 00)

CLEANING TASER X26E

CAUTION

The air cartridge bay should be cleaned after every deployment. The air cartridge leaves a black carbon residue in the air cartridge bay after firing.

Do not use gun cleaning solvents, lubricant, or wet/damp cloth to clean the TASER X26E. Damage to the TASER X26E may occur.

1. Use a non-flammable moisture-free compressed air duster to remove the black carbon residue from the air cartridge bay.
2. Wipe the air cartridge bay clean with wiping rag.
3. Use a non-flammable moisture-free compressed air duster to remove any sand or dust from the XDPM socket in the handgrip.
4. Dip foam swab into the isopropyl alcohol, and wipe clean the six battery contact points inside the XDPM socket and on the XDPM with the foam swab. Air dry for approximately 5 minutes.
5. Wipe off the electrical conducting contact points of the air cartridge bay with the foam swab.
6. Use a clean, dry wiping rag to wipe off the plastic exterior housing of the TASER X26E.
7. Replace XDPM in the XDPM socket.

END OF WORK PACKAGE

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

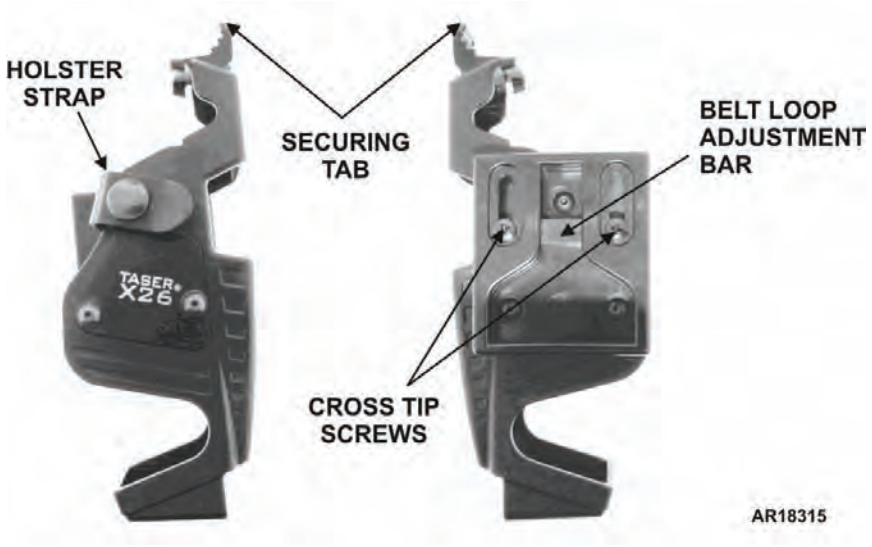
CONVERT EXOSKELETON HOLSTER FROM RIGHT/LEFT-HANDED TO LEFT/RIGHT-HANDED CONFIGURATION

INITIAL SETUP:

Tools and Special Tools

Cross tip screwdriver (Item 1, Table 2, WP 0034 00)
(2) 3/32 in. socket head screw keys (Allen wrench)
(Item 2, Table 2, WP 0034 00)

CONVERTING EXOSKELETON HOLSTER CONFIGURATION



NOTE

Refer to line drawing on a following page for an exploded view of the eXoskeleton holster components.

1. Remove the TASER X26E from the eXoskeleton holster. Ensure the safety lever is in SAFE position. Place TASER X26E in a safe place.

2. Loosen the two cross tip screws on the belt loop adjustment bar. Move the belt loop adjustment bar of the belt loop assembly downward.

3. Remove the three 3/32-inch Allen screws and three 3/32-inch Allen bolts under the belt loop assembly, and set them aside. Remove the belt loop assembly, rubber backing plate, and holster strap.

4. Remove the three 3/32-inch Allen screws, three 3/32-inch Allen bolts, and three washers securing the stainless steel plate to the eXoskeleton holster, and set them aside. Remove the stainless steel plate and holster snap.

5. Position the stainless steel backing plate on the opposite side of the eXoskeleton holster body, lining up the three holes.

6. Insert one Allen bolt from inside the topmost hole, through the side with the stainless steel plate. Place one washer over the Allen bolt protruding through the stainless steel plate. Place the holster snap on top of the bolt. Replace one Allen screw through the holster snap to the Allen bolt and tighten with 3/32-inch Allen wrench.

7. Insert one Allen bolt from inside either remaining hole, through the side with the stainless steel plate. Place one washer over the Allen bolt protruding through the stainless steel plate. Replace one Allen screw to the Allen bolt and tighten with 3/32-inch Allen wrench. Repeat for the remaining hole.

8. Position the rubber plate on the opposite side of the eXoskeleton holster body, lining up the two bottom holes.

9. Position the belt loop assembly over the rubber plate, lining up the holes.

10. Insert one Allen bolt from inside either bottom hole, through the side with the rubber backing plate and belt loop assembly. Replace one Allen screw on the Allen bolt and slightly tighten. Repeat for the other bottom hole. The belt loop assembly should remain loose to the eXoskeleton holster body.

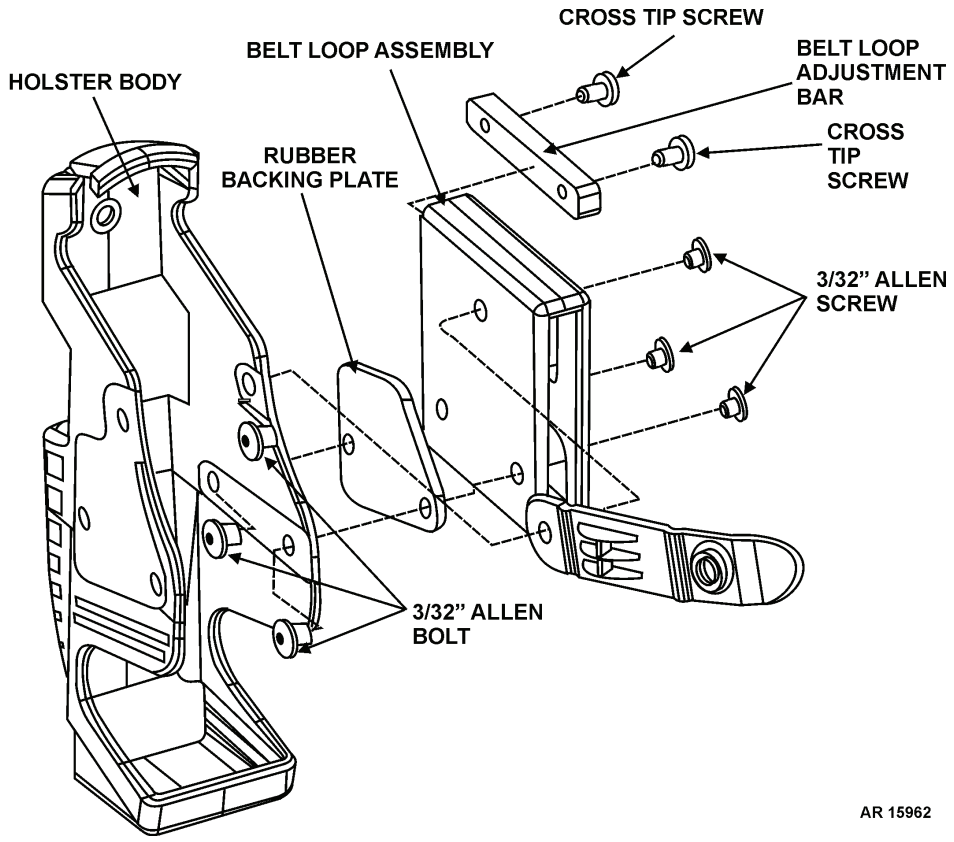
11. Attach the holster strap to the holster snap.

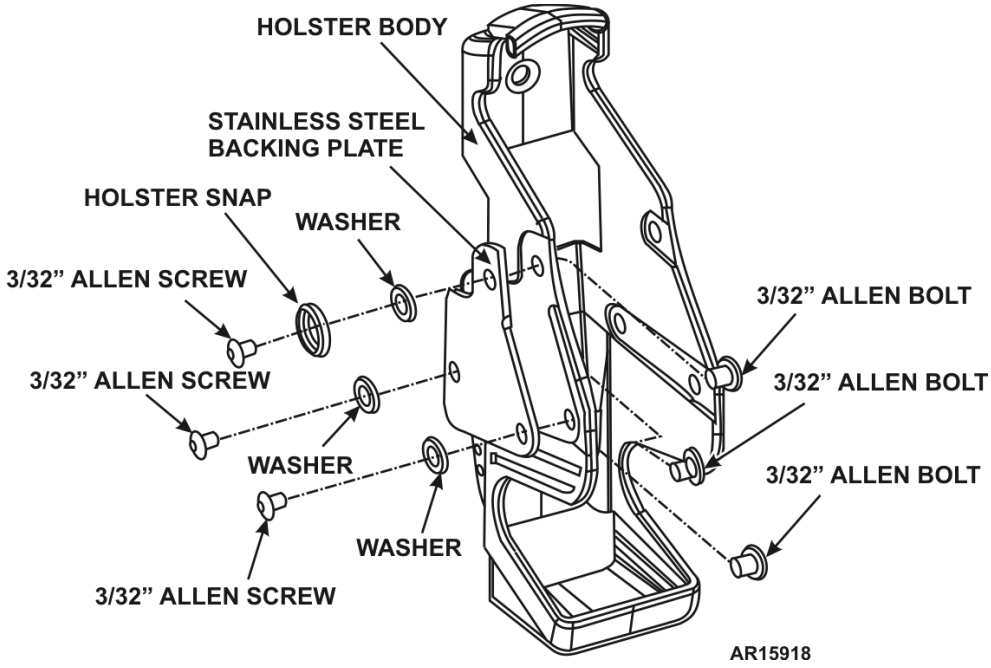
12. Insert the securing end of the holster strap into the gap between the belt loop assembly and the eXoskeleton holster body, lining up the holes.

13. Insert one Allen bolt from inside the hole, through the side with the holster strap and the belt loop assembly. Replace one Allen screw to the Allen bolt and tighten with 3/32-inch Allen wrench.

14. Tighten the other two Allen screws and Allen bolts on the bottom of the belt loop assembly.

15. Adjust the belt loop adjustment bar to the belt and tighten the two cross tip screws.





END OF WORK PACKAGE

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CHAPTER 5

FIELD MAINTENANCE INSTRUCTIONS FOR TASER X26E

FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

SERVICE UPON RECEIPT

INITIAL SETUP:

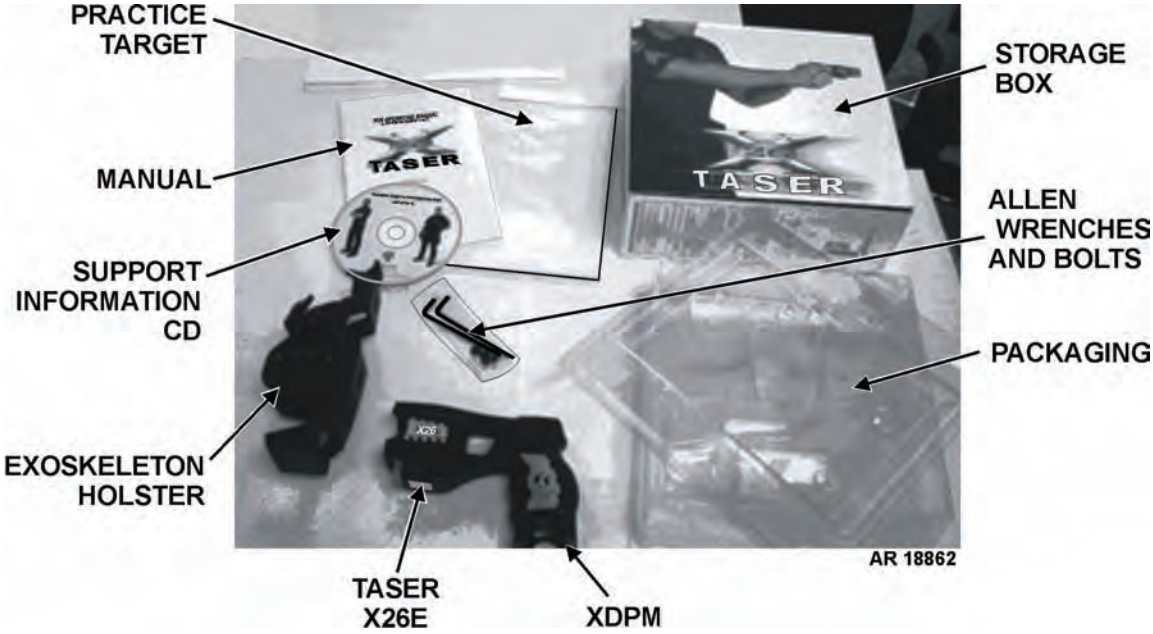
References
DA PAM 750-8
DD Form 361

SERVICE UPON RECEIPT OF MATERIEL

Check equipment against the packing slip to verify shipment is complete. Report all discrepancies in accordance with DA PAM 750-8.

Inspect TASER X26E and accessories for damage incurred during shipment. If equipment has been damaged, report the damage on DD Form 361, Transportation Discrepancy Report (TDR).

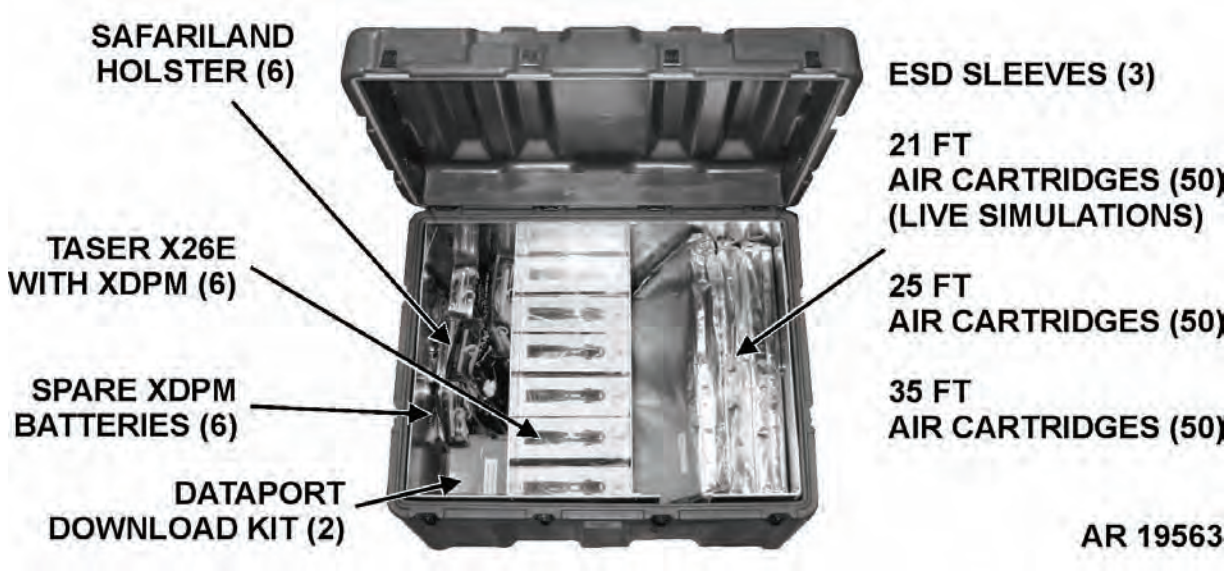
Contents of Box Containing One TASER X26E



1 TASER X26E storage box containing:

1 – Practice target
2 – Allen wrenches
2 – Allen screws
2 – Allen bolts
1 – XDPM
1 – TASER X26E
1 – eXoskeleton holster
1 – Support information CD
1 – Informational manual

Contents of Packing Crate Containing TASER Module



1 Packing crate containing TASER module:

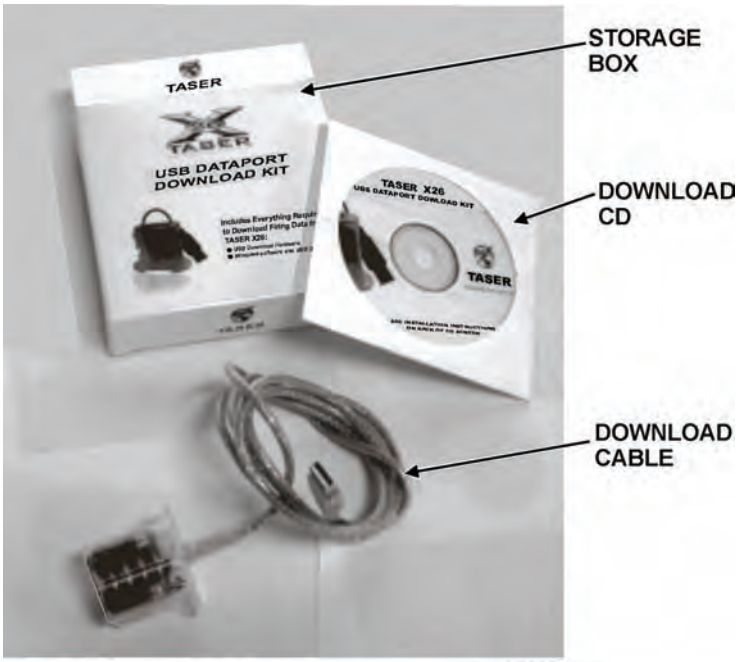
6 – SafariLand holsters
1 – ESD sleeve containing 50 21-ft air cartridges
1 – ESD sleeve containing 50 25-ft air cartridges
1 – ESD sleeve containing 50 35-ft air cartridges
2 – Dataport download kits
6 – Spare XDPM batteries
6 – TASER X26E with XDPMs

Contents of Bag Containing One SafariLand Holster

1 storage bag containing:

1 – User guide
1 – Maintenance information sheet
1 – Leg shroud
1 – T spacer
1 – Allen wrench
6 – Allen bolts
1 – SafariLand holster

Contents of Box Containing One Dataport Download Kit



1 storage box containing:

1 – Download CD
1 – Download cable

END OF WORK PACKAGE

FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

INSTALL TASER X26E DATA DOWNLOAD SOFTWARE AND DRIVER TO WINDOWS XP

INITIAL SETUP:

Estimated Time to Complete the Task
1/2 hour or less

INSTALLING SOFTWARE/DRIVER USING USB DATAPORT DOWNLOAD KIT CD

CAUTION

Ensure that the host computer does not have any pop-up blockers active before attempting to install the TASER X26E Data Download software.

The X26E Data Download cable must always be plugged into a USB port located directly on the computer. Do not use an accessory USB extension such as one found on the computer's monitor or a USB splitter hub. A software conflict will occur, and require uninstallation and reinstallation of the software and driver.

NOTE

Disconnect the Local Area Network (LAN) (RJ-45) network cable (similar to a phone jack) from the host computer prior to installing the software and driver. If the network is wireless, temporarily disable and remove the wireless network card. After the software and drivers are installed, reconnect the LAN cable, or replace and then re-enable the wireless network card. The host computer only needs to be disconnected from the network during software or driver installation.

Installing the X26E Data Download software and driver may require administrative access to the host computer. Seek assistance from the local network administrator to gain privileges or to have the software and driver installed.

If the X26E Data Download cable is unplugged and stored when not in use, it must always be inserted into the same USB port in which the cable was initially plugged during the software and driver installation. If the USB cable is later plugged into a different USB port, the driver installation prompt will appear, and will cause a software conflict. TASER X26E downloads will not be possible until the software and driver are uninstalled and then properly reinstalled.

The X26E Data Download software and drivers may be distributed and shared between computer(s) that are intended to perform the data downloads. The CD that comes with the cable may or may not have the most recent version of the software and driver. At the time of publishing this TM, the most recent X26E Data Download software and driver version is 16.0.

The most recent version of X26E DataPort Download software and drivers are available at http://www.taser.com/support/Pages/downloads.aspx, under LAW ENFORCEMENT PRODUCTS, labeled as "X26 DataPort Software v.16." If the webpage location changes, check the Support/Downloads page at http://www.taser.com.

When a newer version of the software and driver become available, both the software and driver must be uninstalled prior to upgrading to the newer version.

1. Close all software programs that are not required to be running.

2. If the computer network is wired via LAN cable, disconnect the LAN (RJ-45) network cable from the host computer. If the computer network is wireless, disable the wireless connection by temporarily disabling the wireless network card driver.

3. Insert the CD labeled "TASER X26E USB Dataport Download Kit" into the host computer's CD/DVD drive. A software install menu launches from the default internet browser. If the menu does not launch, open **My Computer**, then open the CD drive with either the "v15.6" or "v16.0" folder.

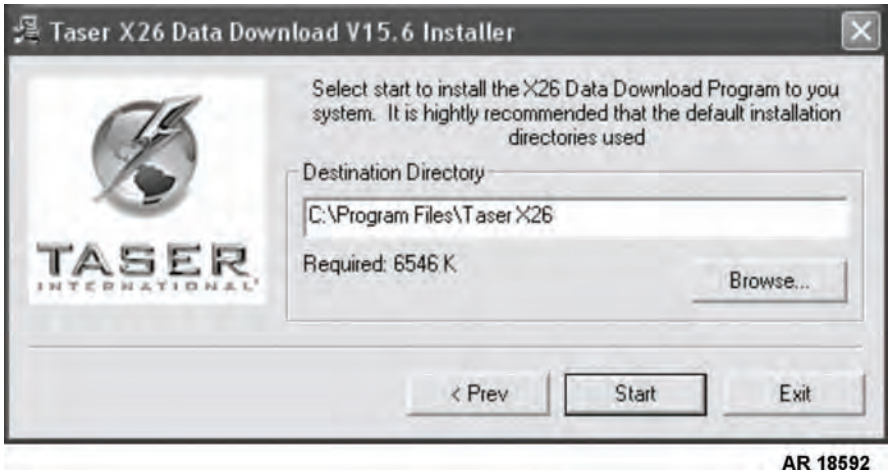
AR 19412

4. Click **Install TASER X26 Software**.

5. Read the License Agreement and select **I agree with the above terms and conditions**. Then click **Next >**.

AR 18591

6. The Destination Directory window appears. Accept the default install directory of C:\Program Files\Taser X26. Click **Start**. The software installs.

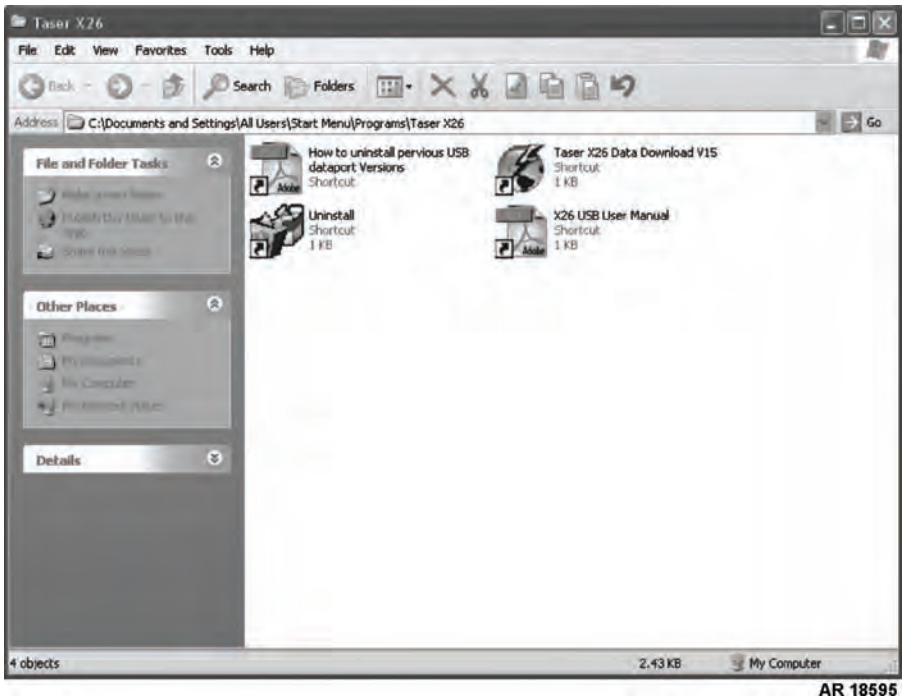


AR 18592

7. The progress window appears with various icons of the TASER, displaying the installation as it advances.

AR 18594

8. The software installation completes when the program folder labeled “Taser X26” appears with the program and documentation icons. Plug the USB Download Dataport cable into a USB slot of the host computer. Red LEDs will light up in the XDPM interface of the cable.

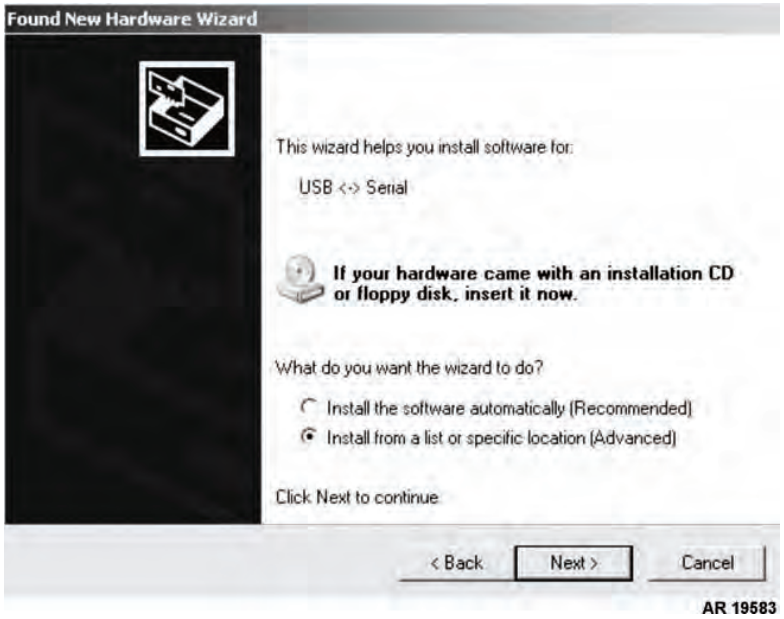


AR 18595

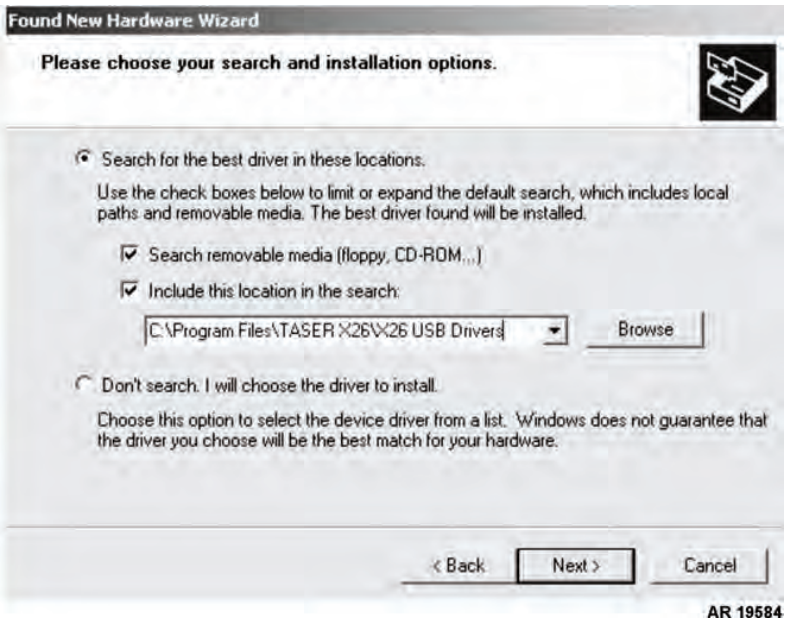
9. The Found New Hardware Wizard window appears. Select **Yes, this time only**, then click **Next >**.

AR 18596

10. The next Found New Hardware Wizard window appears. Select **Install from a list or specific location (Advanced)**, then click **Next >**.



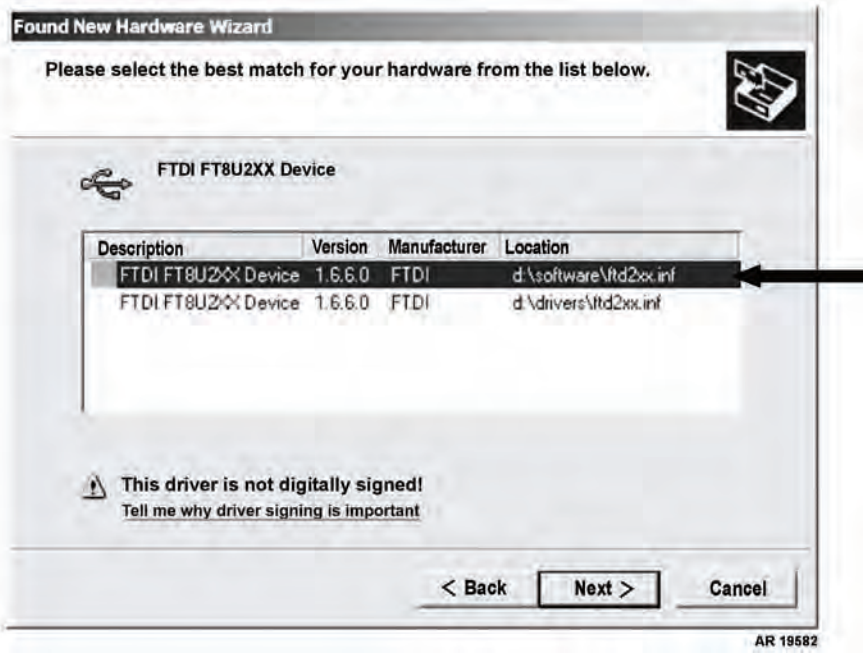
11. The window for search and installation options appears. Select **Search for the best driver in these locations**; **Include this location in the search:**, type **XX:\Drivers** (where XX is location of computer's CD/DVD drive), and click **Next >**.



NOTE

It does not make a difference to the installation which driver is selected.

12. The select driver window appears. Select the driver that will be used for this install and click **Next>**.



13. A message window displays concerning Windows Logo testing. Click **Continue Anyway**. The USB driver installs.

14. A window appears with another progress bar, displaying the percentage of the installation.

AR 18600

15. A window appears stating that the software has been installed and the hardware is ready to use. Click **Finish**.

AR 18601

16. Unplug the USB Download Dataport cable from the USB port. Plug it into any other available computer USB ports which may be used in the future. This initializes and installs the driver for each USB port to avoid future software conflicts.

17. Repeat steps 9 through 16 for each USB port that will be used.

18. The software and driver installations are complete. Plug the LAN cable back into the computer, or reinsert and re-enable the computer's wireless network card.

19. Remove the CD from the CD drive.

END OF WORK PACKAGE

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FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

INSTALL DOWNLOADED X26E DATAPORT SOFTWARE V.16 FILE

INITIAL SETUP:

Estimated Time to Complete the Task
1/2 hour

INSTALLING SOFTWARE V.16 FILE

CAUTION

Ensure that the host computer does not have any pop-up blockers active before attempting to install the TASER X26E Data Download software.

The X26E Data Download cable must always be plugged into a USB port located directly on the computer. Do not use an accessory USB extension such as one found on the computer's monitor or a USB splitter hub. A software conflict will occur and require uninstallation and reinstallation of the software and driver.

NOTE

Disconnect the Local Area Network (LAN) (RJ-45) network cable (similar to a phone jack) from the host computer prior to installing the software and driver. If the network is wireless, temporarily disable and remove the wireless network card. After the software and drivers are installed, reconnect or replace the LAN cable, and then re-enable the wireless network card. The host computer only needs to be disconnected from the network during software or driver installation.

Installing the X26E Data Download software and driver may require administrative access to the host computer. Seek assistance from the local network administrator to gain privileges or to have the software and driver installed.

If the X26E Data Download cable is unplugged and stored when not in use, it must always be inserted into the same USB port in which the cable was initially plugged during the software and driver installation. If the USB cable is later plugged into a different USB port, the driver installation prompt will appear, and will cause a software conflict. TASER X26E downloads will not be possible until the software and driver are uninstalled and then properly reinstalled.

The X26E Data Download software and drivers may be distributed and shared between computer(s) that are intended to perform the data downloads. The CD that comes with the cable may or may not have the most recent version of the software and driver. At the time of publishing this TM, the most recent X26E Data Download software and driver version is 16.0.

The most recent version of X26E DataPort Download software and drivers are available at http://www.taser.com/support/Pages/downloads.aspx, under LAW ENFORCEMENT PRODUCTS, labeled as "X26 DataPort Software v.16." If the webpage location changes, check the Support/Downloads page at http://www.taser.com.

When a newer version of the software and driver become available, both the software and driver must be uninstalled prior to upgrading to the newer version.

1. Download the file "X26 DataPort Software v.16" from the TASER Support/Downloads website to a convenient location, such as the desktop. The name of the file is "X26 v16 DataPort Installers – USER.zip."

2. With the mouse, right click on the desktop and select **New** and **Folder** from the menus that appear. Name the folder "Taser Download Software v16."

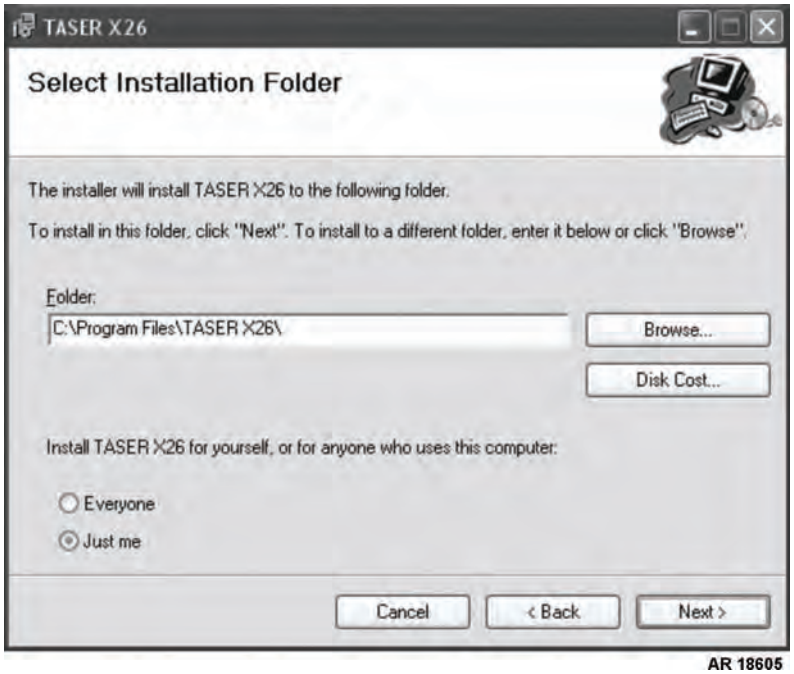
3. Open the X26 v16 DataPort Installers – USER.zip file. Select all the contents (5 files) of the zip file and drag them into the Taser Download Software v16 folder.

4. Open the Taser Download Software v16 folder, and double click on **Setup.exe**. The TASER X26 Setup Wizard runs.

5. The Welcome window appears. Click **Next >**.

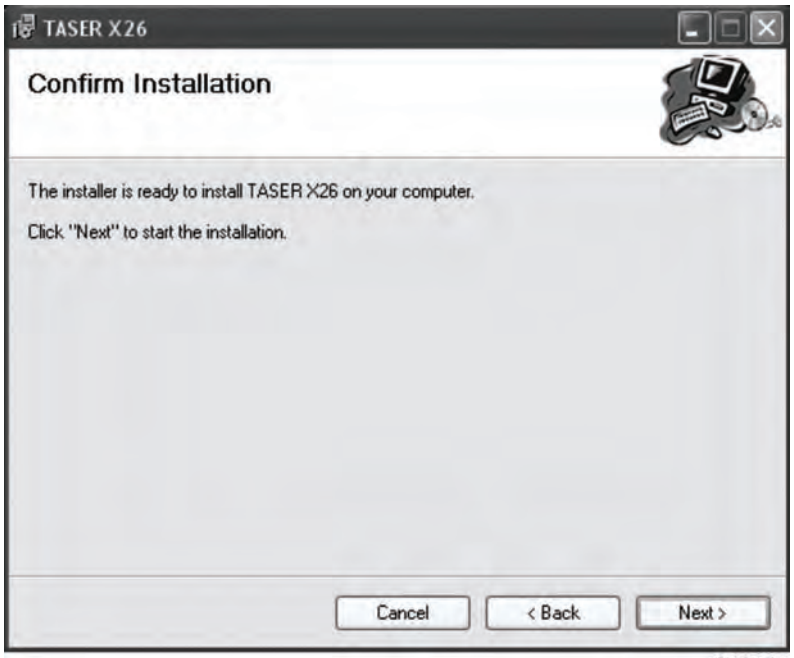
AR 18604

6. The Select Installation Folder window appears. Accept the default installation directory of C:\Program Files\TASER X26\. Select **Just me** and click **Next >**.



AR 18605

7. The Confirm Installation windows appears. Click **Next >**. The software installs.



AR 18606

8. A progress window appears, displaying the percentage of the installation.

AR 18607

9. The Installation Complete window appears after the software has installed. Click **Close**.

AR 18608

NOTE

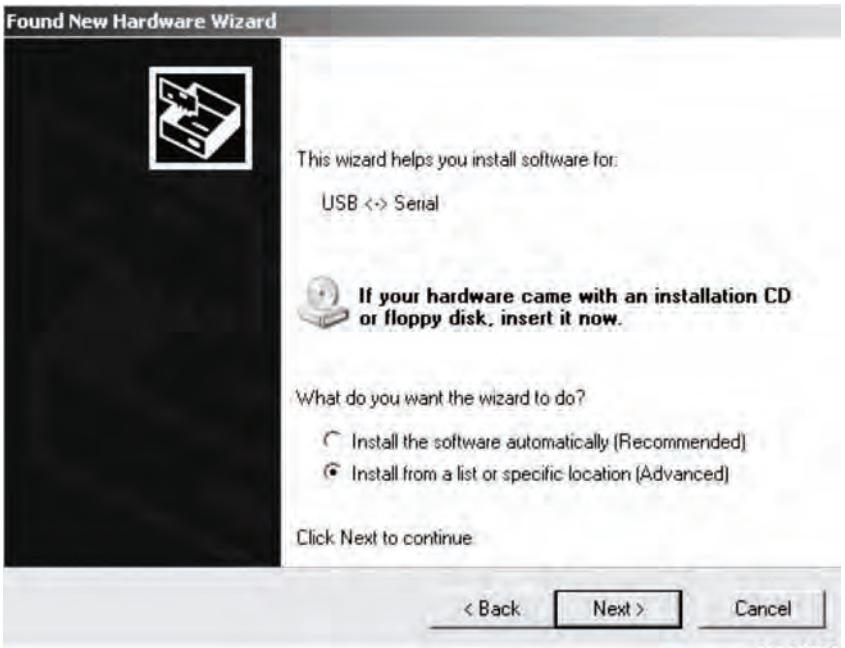
Ensure the XDPM interface of the cable is not plugged into the TASER X26E XDPM socket in the handgrip.

10. Plug the USB Download Dataport cable into a USB slot of the host computer. Red LEDs light up in the XDPM interface of the cable.

11. The Found New Hardware Wizard window appears. Select **Yes, this time only**, then click **Next >**.

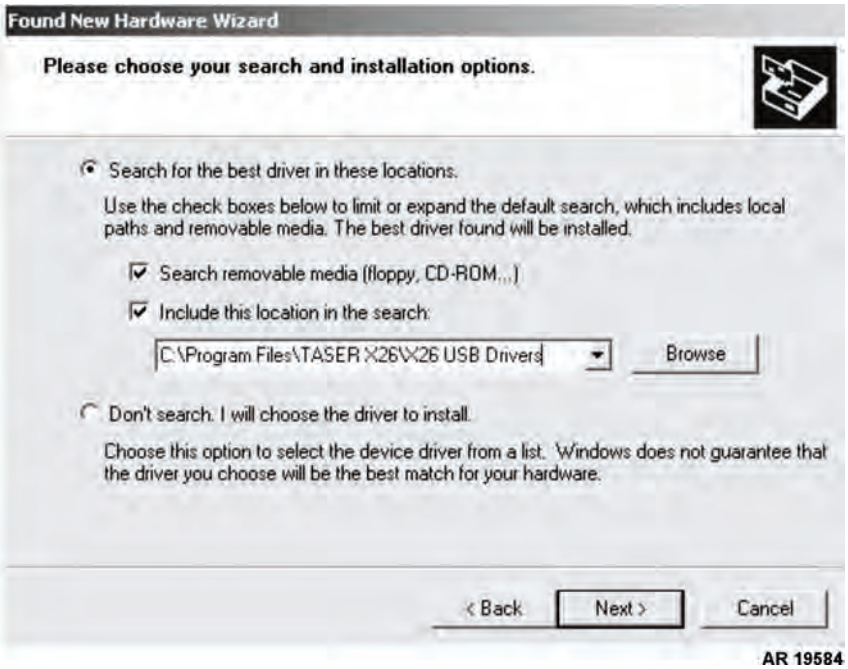
AR 18596

12. The next Found New Hardware Wizard window appears. Select **Install from a list or specific location (Advanced)**, then click **Next >**.



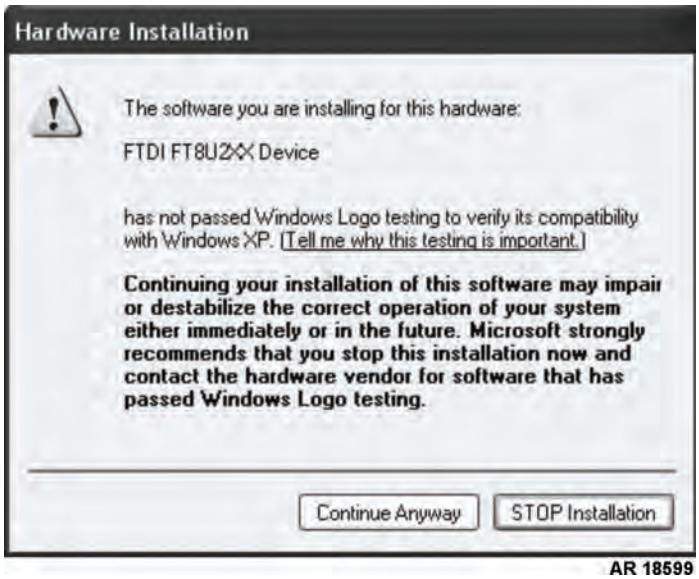
AR 19583

13. The window for search and installation options appears. Select both **Search for the best driver in these locations** and **Include this location in the search:**, type **C:\Program Files\TASER X26\X26 USB Drivers**, and click **Next>**.



AR 19584

14. The message window displays concerning Windows Logo testing. Click **Continue Anyway**. The USB driver installs.



AR 18599

15. A window appears with another progress bar, displaying the percentage of the installation.

AR 18600

16. A window appears stating that the software has been installed and the hardware is ready to use. Click **Finish**.

AR 18601

17. Unplug the USB Download Dataport cable from the USB port. Plug it into any other available on-computer USB ports, and follow the prompts. This initializes and installs the driver for each USB port to avoid future software conflicts. Repeat this step for all available, on-computer USB ports.

18. The software and driver installations are complete. Plug the LAN network cable back into the computer or reinsert and re-enable the computer's wireless network card.

END OF WORK PACKAGE

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FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

SET TASER X26E TIME

INITIAL SETUP:

References
WP 0029 00

Equipment Conditions
X26E Dataport software installed (WP 0026 00 or WP 0027 00)

SETTING TASER X26E TIME

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Do not store the XDPM anywhere where the copper contact points may become inadvertently shorted with metal objects. A fire or battery explosion may occur, causing death or serious injury.

CAUTION

The X26 Data Download cable must always be plugged into a USB port located directly on the computer. Do not use an accessory USB extension such as one found on the computer's monitor or a USB splitter hub. A software conflict will occur, and require uninstallation and reinstallation of the software and driver.

NOTE

Only authorized personnel are permitted to proceed with synchronizing the TASER X26E's internal time clock.

If the X26 Data Download cable is unplugged and stowed away when not it use, it must always be inserted into the same USB port which the cable was initially plugged into during the software and driver installation. If the USB cable is later plugged into a different USB port, the driver installation prompt will appear, and will cause a software conflict. TASER X26E downloads will not be possible until the software and driver are uninstalled then properly reinstalled.

The X26 Data Download cable must always be plugged into a USB port located directly on the computer. Do not use an accessory USB extension such as one found on the computer's monitor or a USB splitter hub. A software conflict will occur, and require uninstallation and reinstallation of the software and driver.

When the XDPM is removed from the TASER X26E for a time of more than 4 hours, the TASER X26E internal time and date will reset. The sequence of usage records will not be deleted, but the time of each usage after the time loss will not be accurate until the time is reset using the X26 DataPort software.

The X26 DataPort software will automatically prompt the user to synchronize the TASER X26E time with the host computer's time when the TASER internal clock naturally deviates 10.5 minutes from the clock of the host computer. The time deviation is a gradual occurrence.

When set, all TASER X26 internal clocks are set to the Greenwich Mean Time (GMT), regardless of their location in the world. The software converts the GMT to the local area time, and displays both times in the formatted firing record report.

1. From the Windows XP desktop, click on **Start**, **Programs**, then **TASER X26**.

2. Click **TASER X26 Data Download V15** or **TASER X26 DataPort 16.0**, depending on the installation performed, to run the software.

3. The Welcome window appears. Complete the **Rank**, **First Name**, **Last Name**, and **Department** fields. The information is saved for later downloads, and can be changed when there is a different user performing the downloads.

4. Select **Are You Currently On Daylight Savings Time?** if Daylight Savings Time is in effect.

CAUTION

Ensure the XDPM end of the cable is not plugged into the TASER X26E XDPM socket in the handgrip.

5. Plug the USB Download Dataport cable into the USB slot of the host computer which was used during the software and driver installation. Red LEDs will illuminate in the XDPM interface of the cable.

6. Remove the XDPM from the TASER X26 XDPM socket in the handgrip and set it aside.

7. Insert the XDPM interface end of the Download Dataport cable into the TASER X26 XDPM socket in the handgrip. The LEDs in the XDPM interface will turn green.

AR18645

AR18646

8. Click **Download X26** on the Welcome window.

NOTE

If the time in the TASER X26 is off by 10.5 minutes or more or has been reset, the **Alert Time Discrepancy** window appears. If the TASER X26 time is 10.5 minutes within the computer time, the window will not appear.

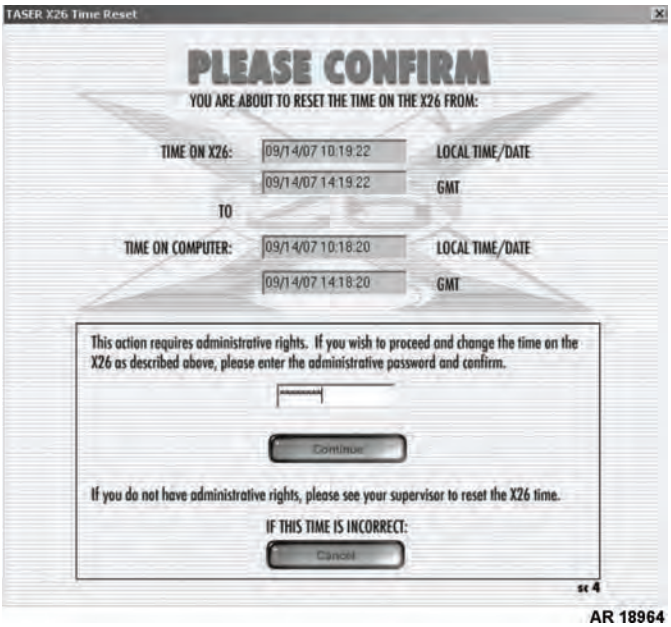
AR 18963

9. Ensure the computer time is accurate to the local time, and click **Change X26 Time**.

NOTE

The password for the time change confirmation is case-sensitive, and must be typed exactly as it appears.

10. A confirmation window appears. Type **62XRESAT** in the password box exactly as it appears. The password does not require regular changes and cannot be changed. Click **Continue**. The TASER X26E time synchronizes to the computer time.



11. The X26 Dataport Download window appears and the TASER X26E is now ready for firing record download. Click **Cancel**.

12. Remove the XDPM interface cable from the TASER X26E XDPM socket in the handgrip.

13. Replace the XDPM in the TASER X26E socket in the handgrip. Observe the diagnostic sequence on the CID to confirm the TASER X26 time change.

14. Repeat steps 6 - 12 for additional TASER X26E devices which require time setting.

15. Close the Welcome window.

16. Continue with WP 0029 00.

END OF WORK PACKAGE

FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
DOWNLOAD FIRING RECORD DATA FROM TASER X26E

INITIAL SETUP:

Equipment Conditions

X26E Dataport software installed (WP 0026 00 or WP 0027 00)
TASER X26E time set (WP 0028 00)

DOWNLOADING FIRING RECORD DATA FROM TASER X26E

WARNING

Personnel must receive proper training and certification before using the TASER X26E. Serious injury may occur if the TASER X26E is used incorrectly.

Keep the safety switch in the SAFE position at all times, unless ready to fire the TASER X26E. The probes may accidentally launch, causing serious injury to personnel.

Do not install the Extended Digital Power Magazine (XDPM) when an air cartridge is loaded. The probes may accidentally launch, causing serious injury to personnel.

Do not store the XDPM anywhere where the copper contact points may become inadvertently shorted with metal objects. A fire or battery explosion may occur, causing death or serious injury.

CAUTION

The X26 Data Download cable must always be plugged into a USB port located directly on the computer. Do not use an accessory USB extension such as one found on the computer's monitor or a USB splitter hub. A software conflict will occur, and require uninstallation and reinstallation of the software and driver.

NOTE

Only authorized personnel are permitted to proceed with firing record data download of the TASER X26.

If the X26 Data Download cable is unplugged and stowed away when not it use, it must always be inserted into the same USB port which the cable was initially plugged into during the software and driver installation. If the USB cable is later plugged into a different USB port, the driver installation prompt will appear, and will cause a software conflict. TASER X26 downloads will not be possible until the software and driver are uninstalled then properly reinstalled.

Each TASER X26E records 1,000 firing records and time change records together in numerical sequence. One TASER X26E firing cycling records as one record. One TASER X26E time change records as two records, one showing the previous set time and one showing the current set time. When the TASER X26E reaches record 1,000 the oldest records, regardless of firing or time change, permanently delete from the TASER X26E memory.

When the XDPM is removed from the TASER X26 for a time of more than 4 hours, the TASER X26E internal time and date will reset. The sequence of usage records will not be deleted, but the time of each usage after the time loss will not be accurate until the time is reset using the X26 DataPort software.

The X26 DataPort software will automatically prompt the user to synchronize the TASER X26E time with the host computer's time when the TASER internal clock naturally deviates 10.5 minutes from the clock of the host computer. The time deviation is a gradual occurrence.

When set, all TASER X26E internal clocks are set to the Greenwich Mean Time (GMT), regardless of their location in the world. The software converts the GMT to the local area time, and displays both times in the formatted firing record report.

1. From the Windows XP desktop, select **Start**, **Programs**, then **TASER X26**.

2. Click **TASER X26 Data Download V15** or **TASER X26 DataPort 16.0**, depending on the installation performed, to run the software.

3. The Welcome window appears. The **Rank**, **First Name**, **Last Name**, and **Department** fields are pre-filled with the information entered in the *Setting TASER X26E Time* workpackage (WP 0028 00).

4. Select **Are You Currently On Daylight Savings Time?** if Daylight Savings Time is in effect.

CAUTION

Ensure the XDPM end of the cable is not plugged into the TASER X26E XDPM socket in the handgrip.

5. Ensure the USB Download Dataport cable is plugged into the USB slot of the host computer which was used during the software and driver installation. Red LEDs will illuminate in the DPM interface of the cable.

6. Remove the XDPM from the TASER X26E XDPM socket in the handgrip and set it aside.

7. Insert the XDPM interface end of the Download Dataport cable into the TASER X26E XDPM socket in the handgrip. The LEDs in the XDPM interface will turn green.

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8. Click **Download X26**.

9. The X26 Dataport Download window appears. Select a date range from the dropdown boxes or select **Download all firing data** to download all firing data from the TASER X26E.

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10. Click **Continue**. A Download Progress bar appears, indicating that the data is downloading from TASER X26 to the dataport software.

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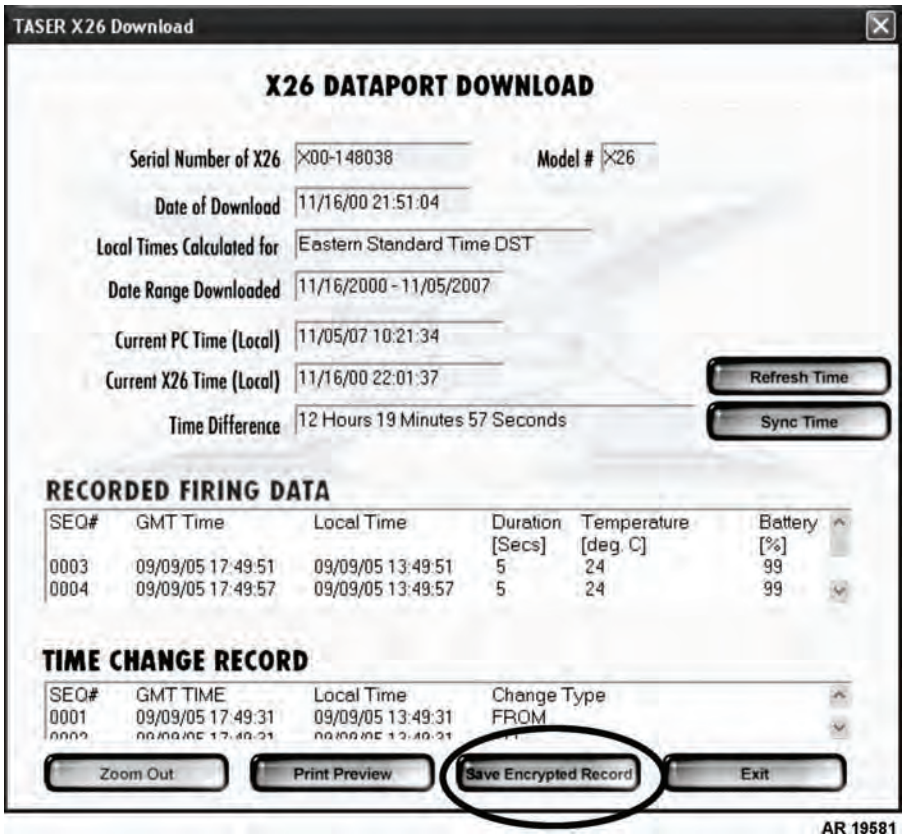
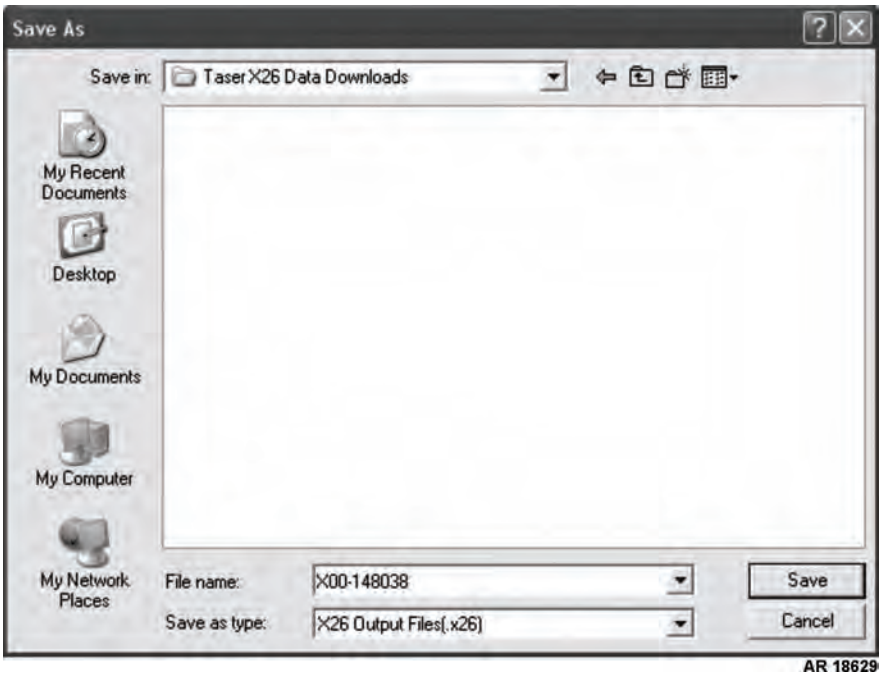
11. When the download is complete, the X26 Dataport Download window appears. Click **Save Encrypted Record** to save the download report to the computer.



12. The Save As window appears. The serial number of the TASER X26E displays as the default file name.



13. Click **Save** to save the data download file to a convenient folder location such as a folder which only contains TASER X26E data downloads.

14. Confirm the TASER X26E data file saved in the convenient folder location.

15. Remove the XDPM interface cable from the TASER X26E XDPM socket in the handgrip.

16. Replace the XDPM to the TASER X26E XDPM socket in the handgrip.

17. Repeat steps 6-17 for additional TASER X26E devices which require firing record data downloads.

18. Exit out of all the TASER X26E windows to close out the software.

END OF WORK PACKAGE

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FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
OPEN AND INTERPRET X26 DATA FILE

INITIAL SETUP:

Equipment Conditions
X26E Dataport software installed (WP 0026 00 or WP 0027 00)
TASER X26E time set (WP 0028 00)

Equipment Conditions - Continued
Data downloaded (WP 0029 00)

OPENING AND INTERPRETING X26 DATA FILE

NOTE

Only authorized personnel are permitted to open the X26 data file from a TASER X26E.

The X26 data file is encrypted and requires the X26 DataPort Software in order to open and interpret the firing records. The X26 data file is unalterable and cannot be opened and interpreted with any other software program.

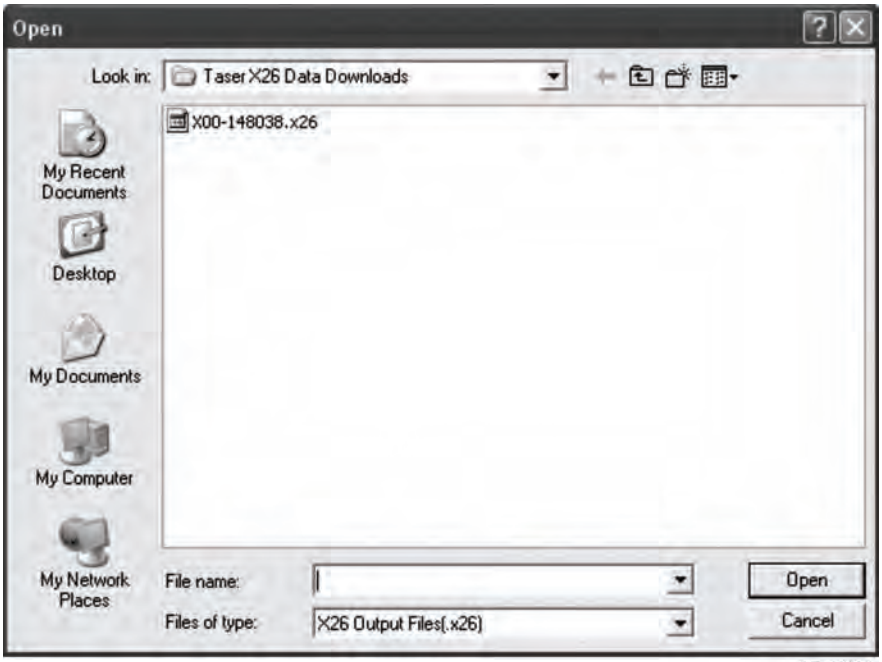
The TASER X26 does not record when a cartridge is loaded into the cartridge bay. The TASER X26E does not record that probes were launched from the cartridge. The TASER X26E only records that the trigger was pulled and the duration time of cycling.

1. From the Windows XP desktop, click **Start**, **Programs**, then **TASER X26**.

2. Click **TASER X26 Data Download V15** or **TASER X26 DataPort 16.0**, depending on the installation performed, to run the software.

3. The Welcome window displays. Click on **View Saved Record**.

4. The Open window displays. Locate and select the X26 data file (with file extension .x26) to be opened, and click **Open**.



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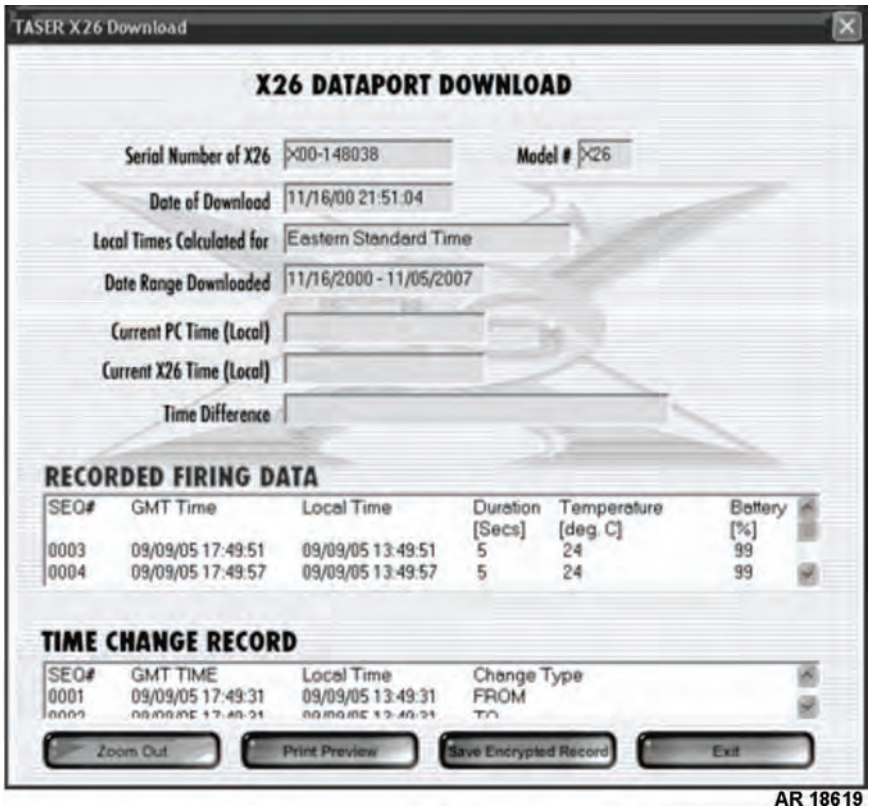
5. The X26 Dataport Download window displays with the firing record and time change record data from the .x26 file.



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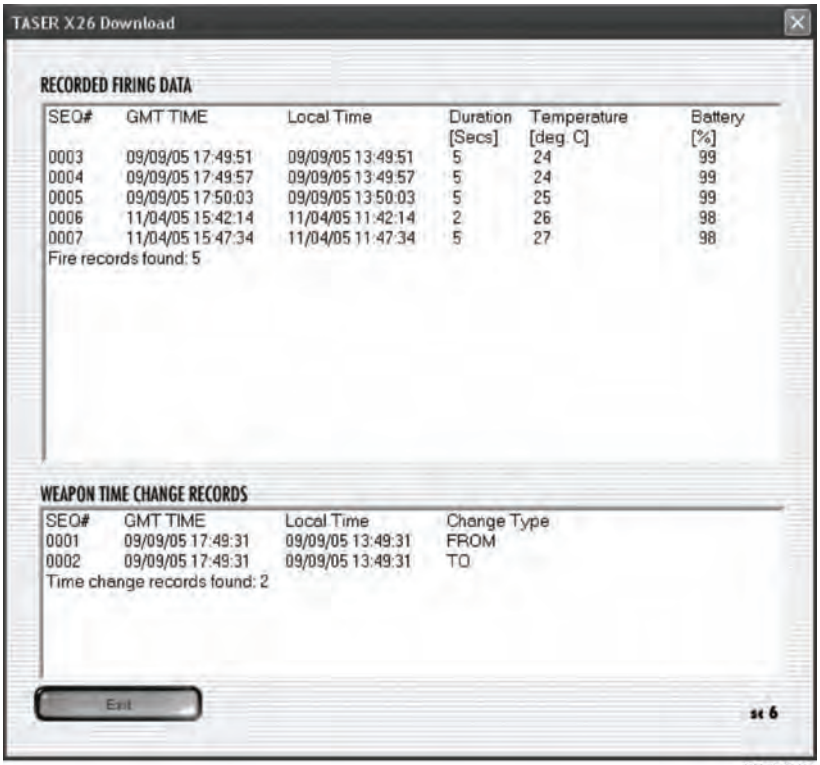
6. Click on **Zoom Out** to view a quick, non-printable report on the firing record and time change records.



NOTE

During a Spark Test, training, or mission use, when the safety switch is moved to the FIRE position and when the trigger is pulled, the TASER X26E cycling is recorded as one sequence. The TASER X26E does not record whether a cartridge was loaded or whether probes were launched.

The following information is displayed in the Recorded Firing Data section:

COLUMN NAME	MEANING
SEQ#	Displays the sequence number of the recorded usage.
GMT TIME	Displays the documented GMT at which a specific TASER X26E cycling occurred.
Local Time	Local time adjusted from the TASER X26E GMT.
Duration [Secs]	Shows the documented duration of a specific TASER X26E cycling duration in seconds. When the trigger is pulled and released, the TASER X26E will cycle for 5 seconds and cease cycling, and will be recorded as a 5 second duration. When the trigger is pulled and released, and when the safety is moved to the SAFE position in a time less than 5 seconds, the recorded duration will only be for 1, 2, 3, or 4 seconds. When the trigger is pulled and held for a time greater than 5 seconds, the TASER X26E will continue cycling until the trigger is released, and recorded duration greater than 5 seconds will be recorded.
Temperature [deg. C]	Displays the internal temperature in Celsius of the specific TASER X26E during the recorded sequence.
Battery [%]	Displays the Battery life percentage that was remaining during the recorded sequence. Battery life percentages of 0% mean that a condition occurred which damaged the DPM or XDPM memory chip.

NOTE

When the TASER X26E time and date is changed with the software, the time change is recorded to memory as two lines of sequence.

The following information is displayed in the Weapon Time Change Records section:

COLUMN NAME	MEANING
SEQ#	Displays the sequence number of the recorded TASER X26E time change.
GMT TIME	Displays the documented GMT at which a specific TASER X26E time change occurred.
Local Time	Local time adjusted from the TASER X26E GMT.
Change Type	"FROM" indicates what the specific TASER X26E time was changed from. "TO" indicates what the TASER X26E time was changed to.

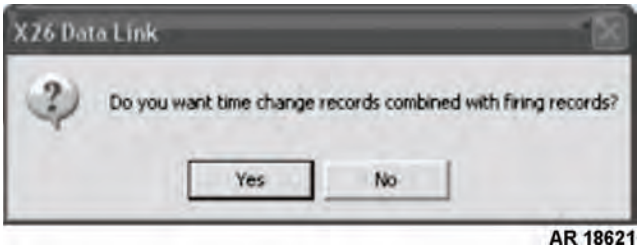
7. Click **Exit** to close the report and return back to the previous window.

8. Click **Print Preview** to generate the report into a printable format.

NOTE

Depending on whether **Yes** or **No** was clicked on the X26 Data Link window, the Print Preview will appear in a different format.

9. The X26 Data Link window appears. Click **Yes** to put the time change records into the sequence with the firing records; click **No** so that the time change records are not combined with the firing records.



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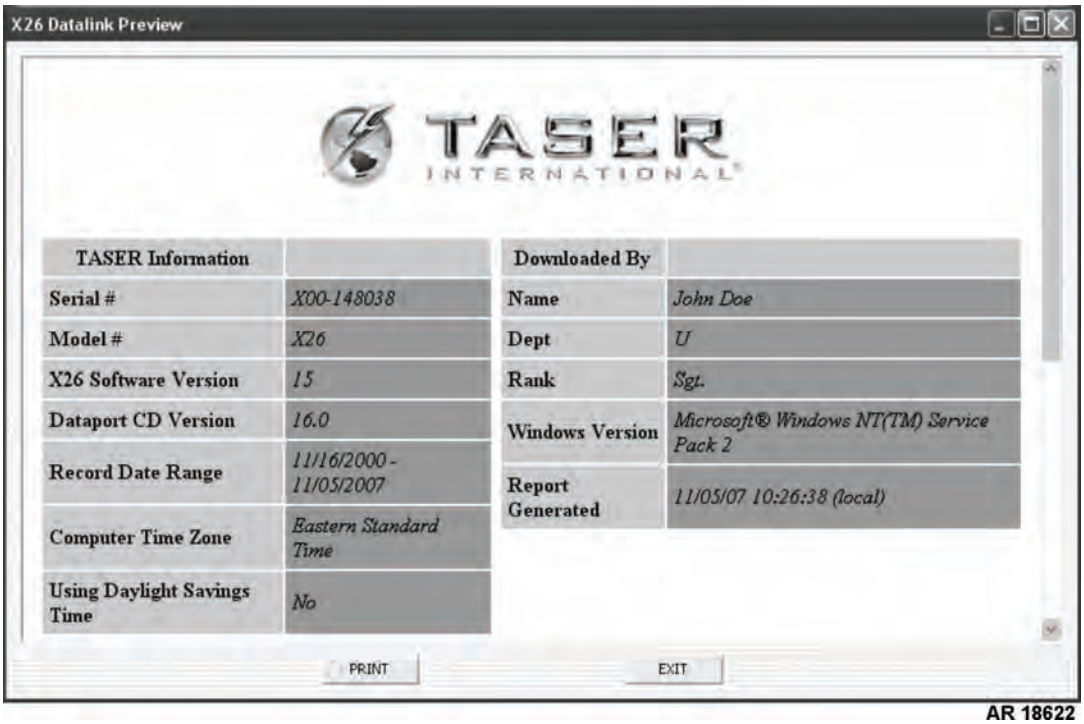
10. The X26 Datalink Preview window displays. Use the scroll bar on the right side of the window to scroll up/down and check the contents of the report. The contents of the printable report are the same as the non-printable quick report. Gray-highlighted areas indicate the column headers, green-highlighted areas indicate the time change records, non-highlighted areas indicate firing records.



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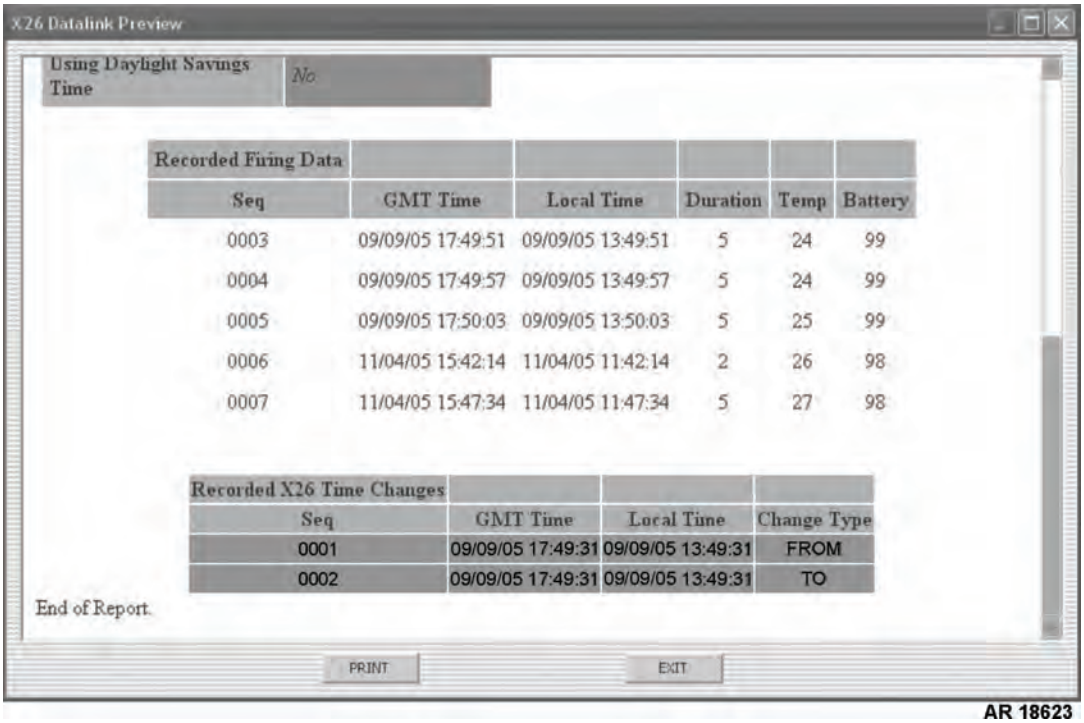

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11. Click **PRINT** to print the report to the host computer's local printer.

12. Once the printout is complete, click **EXIT** to return to the previous window.

13. Click **EXIT** to return to the Dataport software home window.

14. Repeat steps 3 - 13 to interpret and print out additional TASER X26E data download reports, if necessary.

15. Click **EXIT** on the home window to exit X26 DataPort Software.

END OF WORK PACKAGE

FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

UNINSTALL TASER X26E DATA DOWNLOAD SOFTWARE AND DRIVER

INITIAL SETUP:

Equipment Conditions

X26E Dataport software installed (WP 0026 00 and WP 0027 00)

UNINSTALLING TASER X26E DATA DOWNLOAD SOFTWARE AND DRIVER

NOTE

In the event that a software conflict occurs, likely due to not disconnecting the LAN cable or disabling the wireless card, or using an USB extension or splitter hub, follow the procedures in the *Advanced Uninstall for Corrupted or Problematic Dataport Download Software* section of this work package procedure to cleanly remove the software and driver from the host computer.

Uninstalling the software and driver does not delete individual .x26 data files. .x26 files must be deleted separately when desired.

When a newer version of the software and driver become available, both the software and driver must be uninstalled prior to upgrading to the newer version. This work package procedure can be followed to cleanly remove the software and driver traces from the host computer.

When the software and driver are no longer required for use on the host computer, this work package procedure can be followed to cleanly remove the software and driver traces from the host computer.

Only authorized personnel are permitted to proceed with uninstalling the data download software and driver.

Disconnect the LAN (RJ-45) network cable from the host computer prior to the software and driver uninstallation. If the network is wireless, temporarily disable and remove the wireless network card. After the software and drivers are uninstalled, reconnect the LAN cable, or replace then re-enable the wireless network card. The host computer only needs to be disconnected from the network during software or driver uninstallation.

Uninstalling the X26 Data Download software and driver may require administrative access to the host computer. Seek assistance from the local network administrator to gain privileges or to have the software and driver uninstalled.

Basic Uninstall for Dataport Download Software and Driver Upgrade or End of Use

1. Close all software programs that are not required to be running.

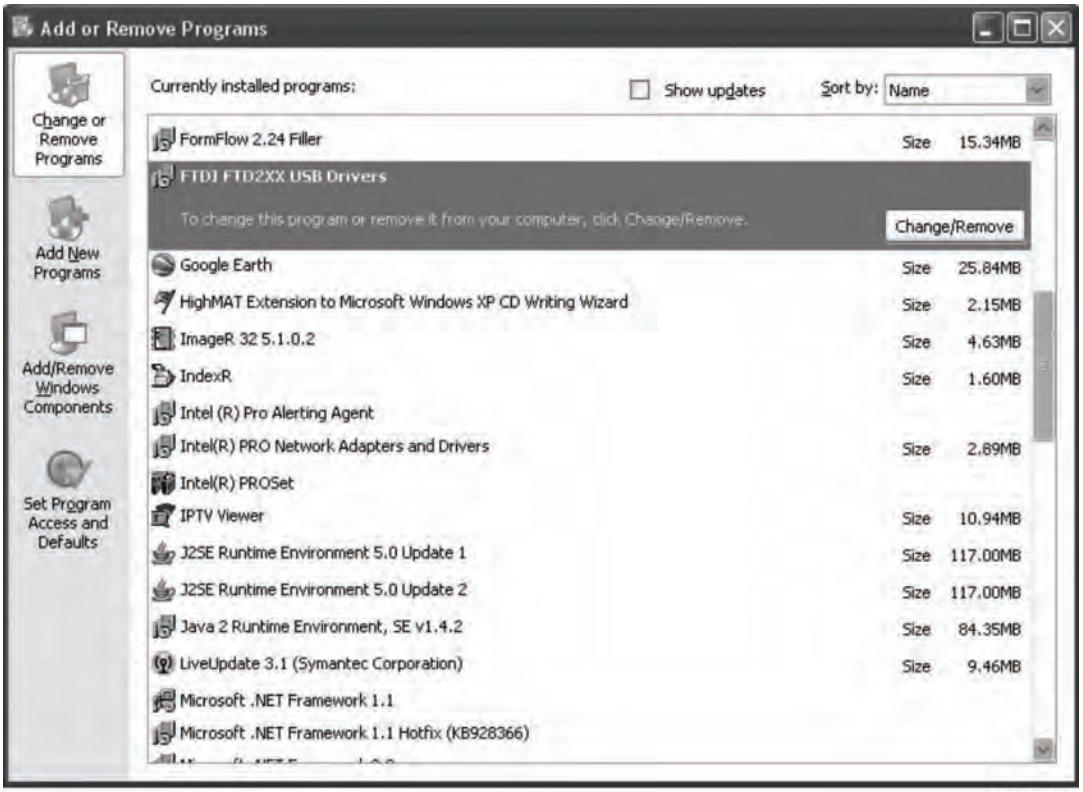
2. If the USB Dataport Download cable is connected to the host computer, disconnect it from the computer.

3. If the computer network is wired via LAN cable, disconnect the LAN (RJ-45) network cable from the host computer. If the computer network is wireless, disable the wireless connection by temporarily disabling the wireless network card driver.

4. From the Windows XP desktop, select **Start**, then **Control Panel**.

5. Select **Add or Remove Programs**.

6. Locate and select **FTDI FTD2XX USB Drivers** in the installed program list. Click **Change/Remove**.



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7. The FTDI D2XX Uninstaller Version 2.2 window appears. Click **Continue**. This uninstalls the driver.

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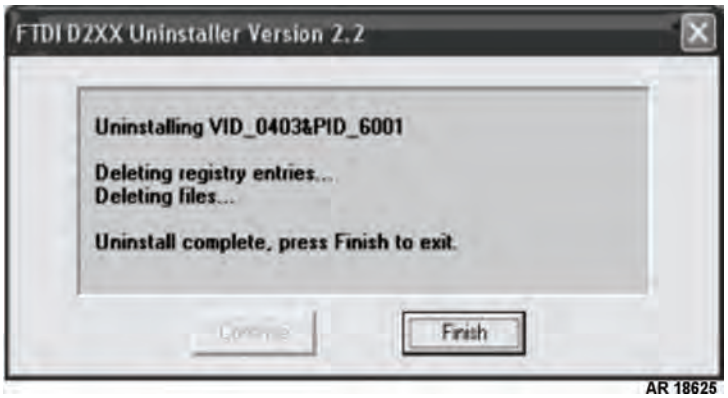
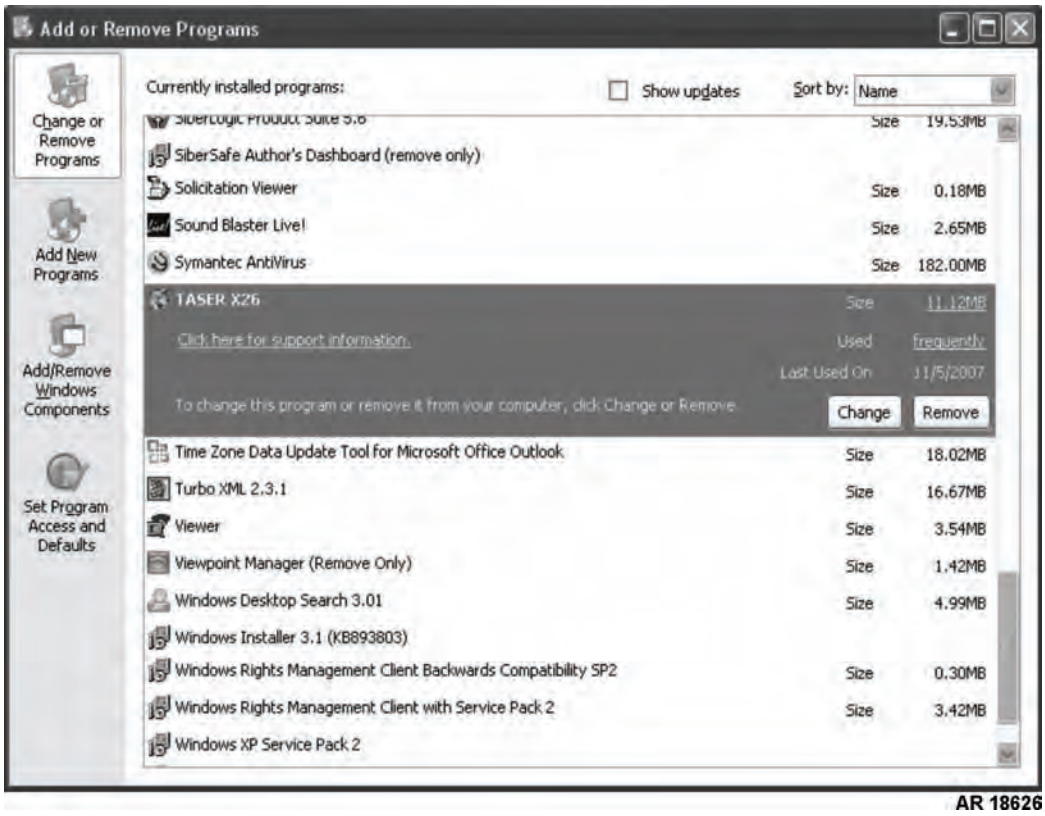
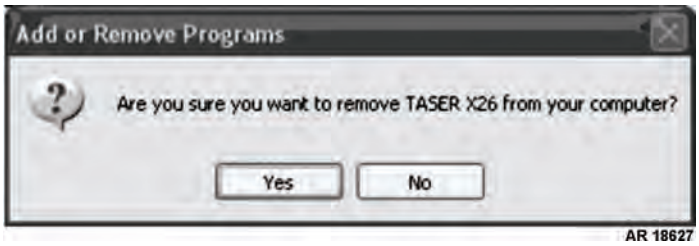
8. The next FTDI D2XX Uninstaller Version 2.2 window appears. Click **Finish**.



9. Return to the Add or Remove Programs window, locate and select **TASER X26** in the installed program list, and click **Remove**.



10. Click **Yes** when asked if TASER X26 should be removed/uninstalled from the computer.



11. A progress window appears, displaying the progress of the removal of the TASER X26E programs from the computer.

12. Return to the Add/Remove window and click on the **X** in the upper right-hand corner to close it. The TASER X26 Dataport Download software and driver are now uninstalled from the computer system.

Advanced Uninstall for Corrupted or Problematic Dataport Download Software

NOTE

Use this method of uninstalling the software and driver if problems are experienced with the attempted downloaded data from the TASER X26E. This type of software conflict is most likely caused by installing the software and driver with the network cable connected or wireless network card inserted to the computer. It may have also been caused by connecting the USB Dataport Download cable to a USB extension or splitter hub.

1. Close all software programs that are not required to be running.

2. If the USB Dataport Download cable is connected to the host computer, disconnect it from the computer.

3. If the computer network is wired via LAN cable, disconnect the LAN (RJ-45) network cable from the host computer. If the computer network is wireless, disable the wireless connection by temporarily disabling the wireless network card driver.

4. From the Windows desktop, select **My Computer**, and open drive **C**.

5. Locate and select **Program Files** folder.

6. Locate and select the **TASER X26** folder.

7. Locate and open the **X26 USB Drivers** folder.

NOTE

If the computer is configured so that extensions do not appear, select the FTD2XXUN file with the microchip icon:

8. Locate and open the **FTD2XXUN.EXE** file.

9. The FTDI D2XX Uninstaller Version 2.2 window appears. Click **Continue** to uninstall the driver.

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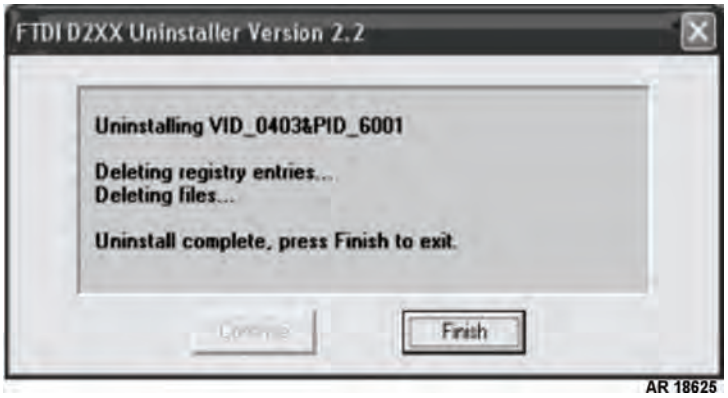
10. The next FTDI D2XX Uninstaller Version 2.2 window appears. Click **Finish**.



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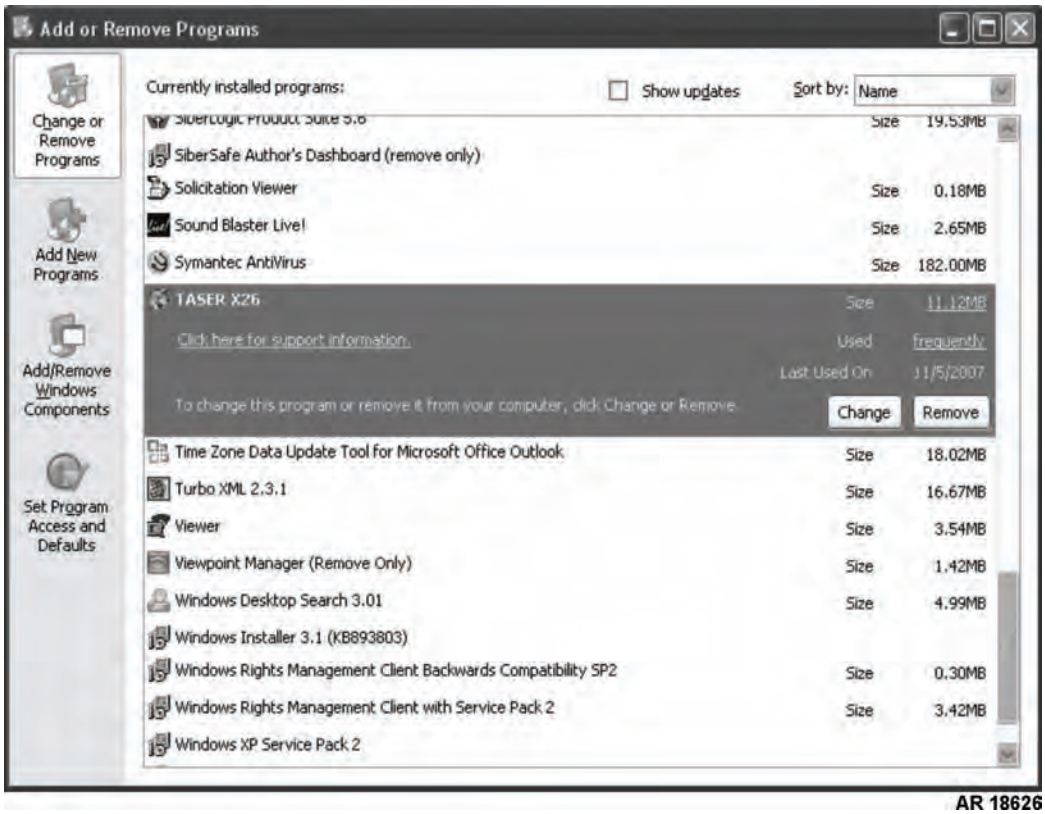
11. From the Windows XP desktop, click **Start**, then **Control Panel**.

12. Select **Add or Remove Programs**.

13. Locate and select **TASER X26** in the installed program list and click **Remove**.



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14. Click **Yes** when asked if TASER X26 should be removed from the computer.

15. Return to the Add/Remove window and click on the **X** in the upper right-hand corner to close it. The TASER X26 Dataport Download software and driver are now uninstalled from the computer system.

END OF WORK PACKAGE

CHAPTER 6

SUPPORTING INFORMATION
FOR
TASER X26E

OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
REFERENCES

SCOPE

This work package lists all Army regulations, forms, military standards, pamphlets, technical bulletins, and miscellaneous publications referenced in this manual.

ARMY REGULATIONS

AR 75-1	Malfunctions Involving Ammunition and Explosives
AR 385-10	The Army Safety Program
AR 700-138	Army Logistics Readiness and Sustainability

FORMS

DA Form 285	U.S. Army Accident Report
DA Form 2028	Recommended Changes to Publications and Blank Forms
DA Form 2404	Equipment Inspection and Maintenance Worksheet
DA Form 2407	Maintenance Request

MILITARY STANDARDS

MIL-STD-129	Standard Practice for Military Marking

PAMPHLETS

DA PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual

TECHNICAL BULLETINS

TB 43-0134	Battery Disposition and Disposal

MISCELLANEOUS PUBLICATIONS

DD Form 361	Transportation Discrepancy Report (TDR)
SF Form 368	Product Quality Deficiency Report

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FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
MAINTENANCE ALLOCATION CHART (MAC) INTRODUCTION

INTRODUCTION

The Army Maintenance System MAC

This introduction provides a general explanation of all maintenance and repair functions authorized at the two maintenance levels under the Two-Level Maintenance System concept.

The MAC (immediately following the introduction) designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component shall be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in column (4) as:

Field - includes two subcolumns, Crew (C) and Maintainer (F).
Sustainment - includes two subcolumns, Below Depot (H) and Depot (D).

The maintenance to be performed at field and sustainment levels is described as follows:

1. Crew Maintenance. The responsibility of a using organization to perform maintenance on its assigned equipment. It normally consists of inspecting, servicing, lubricating, adjusting, and replacing parts, minor assemblies, and subassemblies. The replace function for this level of maintenance is indicated by the letter "C" in the third position of the SMR code. A "C" appearing in the fourth position of the SMR code indicates complete repair is possible at the crew maintenance level.

2. Maintainer Maintenance. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "F" appearing in the third position of the SMR code. An "F" appearing in the fourth position of the SMR code indicates complete repair is possible at the field maintenance level. Items are returned to the user after maintenance is performed at this level.

3. Below Depot Sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "H" appearing in the third position of the SMR code. An "H" appearing in the fourth position of the SMR code indicates complete repair is possible at the below depot sustainment maintenance level. Items are returned to the supply system after maintenance is performed at this level.

4. Depot Sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "D" or "K" appearing in the third position of the SMR code. Depot sustainment maintenance can be performed by either depot personnel or contractor personnel. A "D" or "K" appearing in the fourth position of the SMR code indicates complete repair is possible at the depot sustainment maintenance level. Items are returned to the supply systems after maintenance is performed at this level.

The tools and test equipment requirements table (immediately following the MAC) list the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks table (immediately following the tools and test equipment requirements) contains supplemental instructions and explanatory notes for a particular maintenance function.

Maintenance Functions

Maintenance functions are limited to and defined as follows:

1. Inspect. To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g., by sight, sound, or feel). This includes scheduled inspection and gagings and evaluation of cannon tubes.

2. Test. To verify serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis, i.e., load testing of lift devices and hydrostatic testing of pressure hoses.

3. Service. Operations required periodically to keep an item in proper operating condition; e.g., to clean (includes decontaminate, when required), to preserve, to drain, to paint, or to replenish fuel, lubricants, chemical fluids, or gases. This includes scheduled exercising and purging of recoil mechanisms. The following are examples of service functions:

   a. Unpack. To remove from packing box for service or when required for performance of maintenance operations.

   b. Repack. To return item to packing box after service and other maintenance operations.

   c. Clean. To rid the item of contamination.

   d. Touch Up. To spot paint scratched or blistered surfaces.

   e. Mark. To restore obliterated identification.

4. Adjust. To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specified parameters.

5. Align. To adjust specified variable elements of an item to bring about optimum or desired performance.

6. Calibrate. To determine and cause corrections to be made or to be adjusted on instruments of test, measuring, and diagnostic equipment used in precision measurement. Consists of comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared.

7. Remove/Install. To remove and install the same item when required to perform service or other maintenance functions. Install may be the act of emplacing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.

8. Paint (ammunition only). To prepare and spray color coats of paint so that the ammunition can be identified and protected. The color indicating primary use is applied, preferably, to the entire exterior surface as the background color of the item. Other markings are to be repainted as original so as to retain proper ammunition identification.

9. Replace. To remove an unserviceable item and install a serviceable counterpart in its place. “Replace” is authorized by the MAC and assigned maintenance level is shown as the third position code of the Source, Maintenance and Recoverability (SMR) code.

10. Repair. The application of maintenance services, including fault location/troubleshooting, removal/installation, disassembly/assembly procedures, and maintenance actions to identify troubles and restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

NOTE

The following definitions are applicable to the "repair" maintenance function:

Services. Inspect, test, service, adjust, align, calibrate, and/or replace.

Fault Location/Troubleshooting. The process of investigating and detecting the cause of equipment malfunctioning; the act of isolating a fault within a system or Unit Under Test (UUT).

Disassembly/Assembly. The step-by-step breakdown (taking apart) of a spare/functional group coded item to the level of its least component, that is assigned as SMR code for the level of maintenance under consideration (i.e., identified as maintenance significant).

Actions. Welding, grinding, riveting, straightening, facing, machining, and/or resurfacing.

11. Overhaul. That maintenance effort (service/action) prescribed to restore an item to a completely serviceable/operational condition as required by maintenance standards in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.

12. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of material maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (e.g., hours/miles) considered in classifying Army equipment/components.

Explanation of Columns in the MAC

Column (1) - Group Number. Column (1) lists Functional Group Code (FGC) numbers, the purpose of which is to identify maintenance significant components, assemblies, subassemblies, and modules with the Next Higher Assembly (NHA).

Column (2) - Component/Assembly. Column (2) contains the item names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

Column (3) - Maintenance Function. Column (3) lists the functions to be performed on the item listed in column (2). (For a detailed explanation of these functions refer to "Maintenance Functions" outlined above.)

Column (4) - Maintenance Level. Column (4) specifies each level of maintenance authorized to perform each function listed in column (3), by indicating work time required (expressed as manhours in whole hours or decimals) in the appropriate subcolumn. This work time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function varies at different maintenance levels, appropriate work time figures are to be shown for each level. The work time figure represents the average time required to restore an item (assembly, subassembly, component, module, end item, or system) to a serviceable condition under typical field operating conditions. This time includes preparation time (including any necessary disassembly/assembly time), troubleshooting/fault location time, and quality assurance time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the MAC. The symbol designations for the various maintenance levels are as follows:

Field:
- C - Crew maintenance
- F - Maintainer maintenance

Sustainment:
- L - Specialized Repair Activity (SRA)
- H - Below Depot maintenance
- D - Depot maintenance

NOTE

The “L” maintenance level is not included in column (4) of the MAC. Functions to this level of maintenance are identified by a work time figure in the “H” column of column (4), and an associated reference code is used in the REMARKS column (6). This code is keyed to the remarks and the SRA complete repair application is explained there.

Column (5) - Tools and Equipment Reference Code. Column (5) specifies, by code, those common tool sets (not individual tools), common Test, Measurement and Diagnostic Equipment (TMDE), and special tools, special TMDE and special support equipment required to perform the designated function. Codes are keyed to the entries in the tools and test equipment table.

Column (6) - Remarks Code. When applicable, this column contains a letter code, in alphabetical order, which is keyed to the remarks table entries.

Explanation of Columns in the Tools and Test Equipment Requirements

Column (1) - Tool or Test Equipment Reference Code. The tool or test equipment reference code correlates with a code used in column (5) of the MAC.

Column (2) - Maintenance Level. The lowest level of maintenance authorized to use the tool or test equipment.

Column (3) - Nomenclature. Name or identification of the tool or test equipment.

Column (4) - National Stock Number (NSN). The NSN of the tool or test equipment.

Column (5) - Tool Number. The manufacturer’s part number.

Explanation of Columns in the Remarks

Column (1) - Remarks Code. The code recorded in column (6) of the MAC.

Column (2) - Remarks. This column lists information pertinent to the maintenance function being performed as indicated in the MAC.

FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

MAINTENANCE ALLOCATION CHART (MAC)

MAINTENANCE ALLOCATION CHART FOR TASER X26E

Table 1. MAC for TASER X26E.

(1)	(2)	(3)	(4) MAINTENANCE LEVEL				(5)	(6)
			FIELD		SUSTAINMENT			
GROUP NUMBER	COMPONENT/ASSEMBLY	MAINTENANCE FUNCTION	CREW	MAINTAINER	BELOW DEPOT	DEPOT	TOOLS AND EQUIPMENT REF CODE	REMARKS CODE
			C	F	H	D		
00	TASER X26E	Inspect	0.1					
		Service	0.2					
		Replace	0.1					
0001	XDPM	Inspect	0.1					
		Service	0.1					
		Replace	0.1					
0002	EXOSKELETON HOLSTER	Inspect	0.1					
		Service	0.2				1, 2	
		Replace	0.1					
01	DATAPORT DOWNLOAD KIT (SOFTWARE)	Install		0.2				
		Service		0.4				A
		Uninstall		0.1				

TOOLS AND TEST EQUIPMENT REQUIREMENTS FOR TASER X26E

Table 2. Tools and Test Equipment for TASER X26E.

TOOLS OR TEST EQUIPMENT REF CODE	MAINTENANCE LEVEL	NOMENCLATURE	NATIONAL STOCK NUMBER	TOOL NUMBER
1	C	Screwdriver, cross-tip	5120-01-335-6885	
2	C	Key, Socket Head Screw: 3/32 in., also known as Allen wrench	5120-00-242-7410	
	C	Key, Socket Head Screw: 1/8 in., also known as Allen wrench	5120-00-240-5292	

REMARKS FOR TASER X26E

Table 3. Remarks for TASER X26E.

REMARKS CODE	REMARKS
A	This task consists of setting TASER X26E time, downloading firing record data, and opening and interpreting X26 data files.

FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of field maintenance of the TASER X26E. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts kits are listed at the end of the individual work packages. Items listed are shown on the associated illustrations.

2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.

3. Cross-Reference Indexes Work Packages. There are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code contains supply/requisitioning information, maintenance level authorization criteria, and disposition instructions, as shown in the following breakout. This entry may be subdivided into 4 subentries, one for each service.

Source Code	Maintenance Code		Recoverability Code
XX	XX		X
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.	5th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

Source Code	Application/Explanation
PA PB PC PD PE PF PG PH PR PZ	**NOTE** Items coded PC are subject to deterioration. Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
MF-Made at field level MH-Made at below depot sustainment level ML-Made at SRA MD-Made at depot MG-Navy only	Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

Source Code	Application/Explanation
AF-Assembled by field level AH-Assembled by below depot sustainment level AL-Assembled by SRA AD-Assembled by depot AG-Navy only	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the third position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
XA	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB	If an item is not available from salvage, order it using the CAGEC and part number.
XC	Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's part number.
XD	Item is not stocked. Order an XD-coded item through local purchase or normal supply channels using the CAGEC and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

Maintenance Code	Application/Explanation
F -	Field maintenance can remove, replace, and use the item.
H -	Below depot sustainment maintenance can remove, replace, and use the item.
L -	Specialized Repair Activity (SRA) can remove, replace, and use the item.
G -	Afloat and ashore intermediate maintenance can remove, replace, and use the item. (Navy only)
K -	Contractor facility can remove, replace, and use the item.
Z -	Item is not authorized to be removed, replaced, or used at any maintenance level.
D -	Depot can remove, replace, and use the item.

*NOTE - Army may use C in the third position. However, for joint service publications, Army will use O.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Maintenance Code	Application/Explanation
F -	Field is the lowest level that can do complete repair of the item.
H -	Below depot sustainment is the lowest level that can do complete repair of the item.
L -	SRA is the lowest level that can do complete repair of the item.
D -	Depot is the lowest level that can do complete repair of the item.
Z -	Nonreparable. No repair is authorized.
G -	Both afloat and ashore intermediate levels are capable of complete repair of item. (Navy only)
K -	Complete repair is done at contractor facility.
Z -	Nonreparable. No repair is authorized.
B -	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

Recoverability Code	Application/Explanation
Z -	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
F -	Reparable item. When uneconomically reparable, condemn and dispose of the item at the field level.
H -	Reparable item. When uneconomically repairable, condemn and dispose of the item at the below depot sustainment level.
D -	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L -	Reparable item. Condemnation and disposal not authorized below SRA.
A -	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/ directives for specific instructions.
G -	Field level reparable item. Condemn and dispose at either afloat or ashore intermediate levels. (Navy only)
K -	Reparable item. Condemnation and disposal to be performed at contractor facility.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different part number from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required a minimum description to identify the item.

2. Part numbers of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.

3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.

4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, subfunctional group, or an assembly. A “V” appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package. NSN’s in this index are listed in National Item Identification Number (NIIN) sequence.

STOCK NUMBER Column. This column lists the NSN in NIIN sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

For example, if the NSN is 5385-01-574-1476, the NIIN is 01-574-1476.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. Part numbers in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order “A” through “Z,” followed by the numbers “0” through “9” and each following letter or digit in like order).

PART NUMBER Column. Indicates the part number assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

HOW TO LOCATE REPAIR PARTS

1. When NSNs or Part Numbers Are Not Known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When Part Number Is Known.

First. If you have the part number and not the NSN, look in the PART NUMBER column of the part number index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
REPAIR PARTS LIST

NOTE

Before proceeding with Repair Parts List, see Introduction to RPSTL (WP 0035 00).

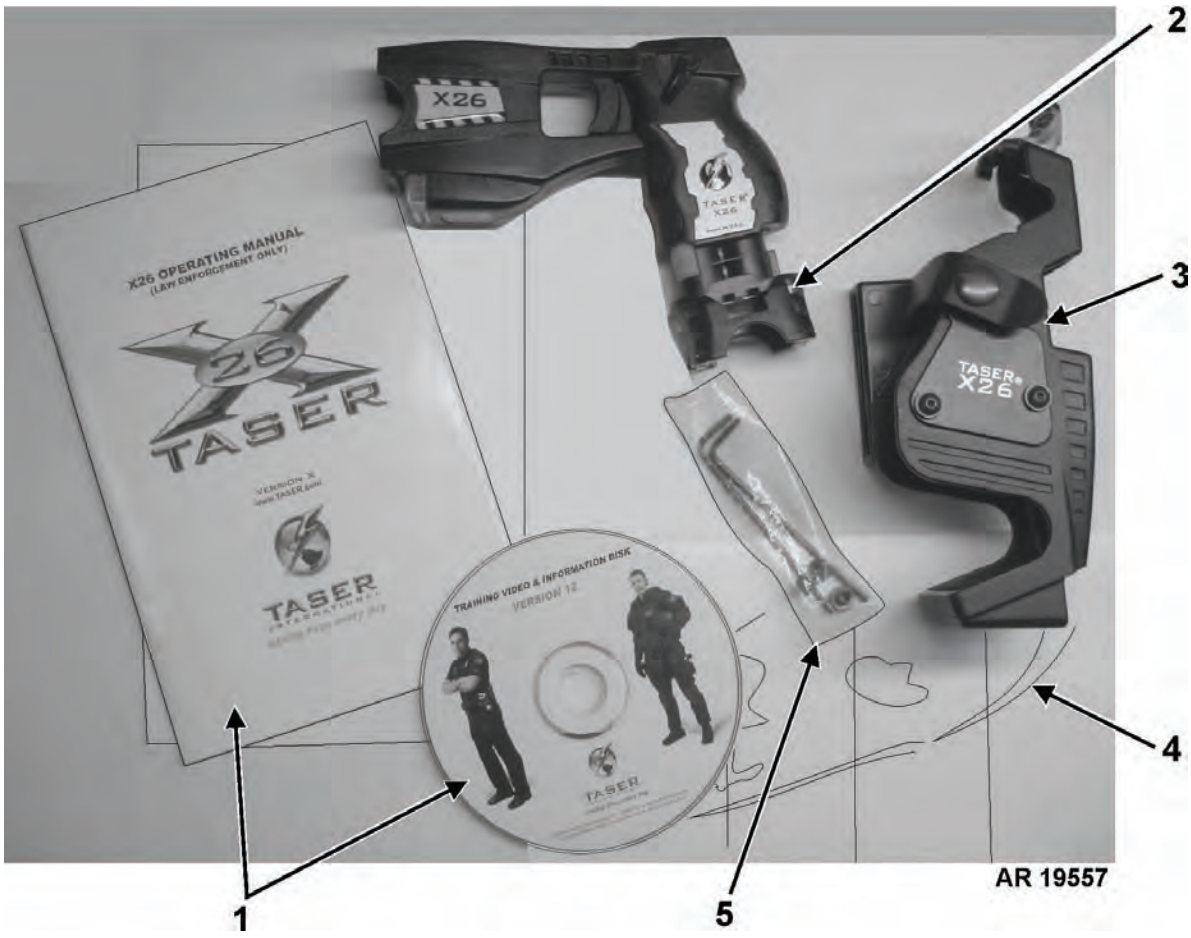

FIGURE 1. TASER X26E.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 00	
					FIGURE 1. FIRING DEVICE, NON-LETHAL: TASER X26E CAGEC 1WHR1 P/N 26016	
1	XAOZZ		1WHR1		COMMERCIAL X26 OPERATING MANUAL WITH CD	1
2	PAOZZ	6135-01-528-6895	1WHR1	26701	BATTERY, NONRECHARGEABLE: XDPM	1
3	PAOZZ	1095-01-528-6939	1WHR1	26800	HOLSTER, PISTOL: EXOSKELETON HOLSTER	1
4	XAOZZ		1WHR1		TRAINING, METALLIC TARGET	1
5	XAOZZ		1WHR1		BAG CONSISTING OF: TWO (2) 3/32 HEX ALLEN WRENCHES, TWO (2) HOLSTER SCREWS, AND TWO (2) HOLSTER BOLTS	1
					END OF FIGURE	

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FIELD MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

NATIONAL STOCK NUMBER INDEX

NOTE

Before proceeding with National Stock Number Index, see Introduction to RPSTL (WP 0035 00).

STOCK NUMBER	FIG.	ITEM
6135-01-528-6895	1	2
1095-01-528-6939	1	3

STOCK NUMBER	FIG.	ITEM

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FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
PART NUMBER INDEX

NOTE

Before proceeding with Part Number Index, see Introduction to RPSTL (WP 0035 00).

PART NUMBER	FIG.	ITEM
26701	1	2
26800	1	3

PART NUMBER	FIG.	ITEM

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OPERATOR MAINTENANCE

TASER X26E

(NSN 1095-01-543-2189, PN 26016)

COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII) LISTS

INTRODUCTION

Scope

This work package lists COEI and BII for the TASER X26E to help you inventory items for safe and efficient operation of the equipment.

General

The COEI and BII information is divided into the following lists:

Components of End Item (COEI). This list is for information purposes only and is not authority to requisition replacements. These items are part of the TASER X26E. As part of the end item, these items must be with the end item whenever it is issued or transferred between property accounts. Items of COEI are removed and separately packaged for transportation or shipment only when necessary. Illustrations are furnished to help you find and identify the items.

Basic Issue Items (BII). These essential items are required to place the TASER X26E in operation, operate it, and to do emergency repairs. Although shipped separately packaged, BII must be with the TASER X26E during operation and when it is transferred between property accounts. Listing these items is your authority to request/requisition them for replacement based on authorization of the end item by the TOE/MTOE. Illustrations are furnished to help you find and identify the items.

Explanation of Columns in the COEI List and BII List

Column (1) - Illus Number. Gives you the number of the item illustrated.

Column (2) - National Stock Number (NSN). Identifies the stock number of the item to be used for requisitioning purposes.

Column (3) - Description, CAGEC, and Part Number. Identifies the Federal item name (in all capital letters) followed by a minimum description when needed. The stowage location of COEI and BII is also included in this column. The last line below the description is the CAGEC (Commercial and Government Entity Code) (in parentheses) and the part number.

Column (4) - Usable On Code. When applicable, gives you a code if the item you need is not the same for different models of equipment.

Column (5) - Unit of Measure (U/M). Indicates the physical measurement or count of the item as issued per the National Stock Number shown in column (2).

Column (6) - Qty Rqr. Indicates the quantity required.

COMPONENTS OF END ITEM (COEI) LIST

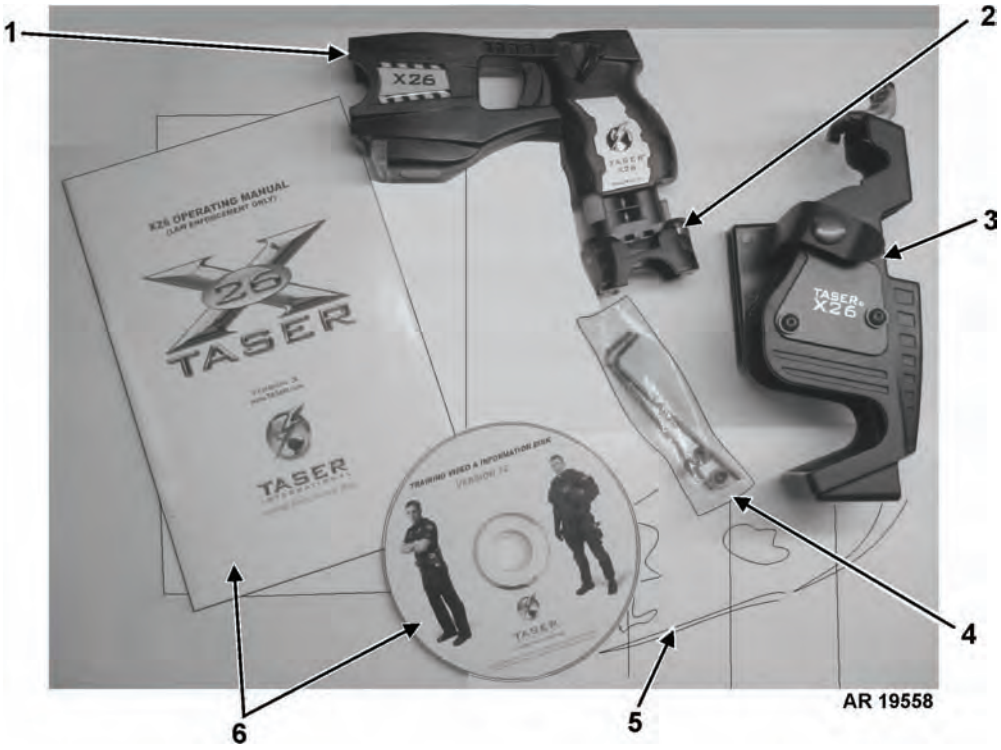

Table 1. Components of End Item List.

(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) USABLE ON CODE	(5) U/M	(6) QTY RQR
1	1095-01-543-2189	FIRING DEVICE, NON-LETHAL: TASER X26E (1WHR1) 26016		EA	1
2	6135-01-528-6895	BATTERY, NONRECHARGEABLE: TASER X26E, XDPM (1WHR1) 26701		EA	1
3	1095-01-528-6939	HOLSTER, PISTOL: eXoskeleton Holster (1WHR1) 26800		EA	1
4	N/A	Bag Consisting of: Two (2) 3/32 hex Allen wrenches, two (2) holster screws, and two (2) holster bolts			1
5	N/A	TRAINING, METALLIC TARGET			1
6	N/A	Commercial X26 operating manual with CD			1

BASIC ISSUE ITEMS (BII) LIST

Table 2. Basic Issue Items List.

(1) ILLUS NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION, CAGEC, AND PART NUMBER	(4) USABLE ON CODE	(5) U/M	(6) QTY RQR
1	N/A	Operator and Field Maintenance Manual (Including Repair Parts and Special Tools List) for Firing Device, Non-Lethal: TASER X26E, TM 9-1095-213-13&P		EA	1

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OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
ADDITIONAL AUTHORIZATION LIST (AAL)

INTRODUCTION

Scope

This work package lists additional items you are authorized for the support of the TASER X26E.

General

This list identifies items that do not have to accompany the TASER X26E and that do not have to be turned in with it. These items are all authorized to you by CTA, MTOE, TDA, or JTA.

Explanation of Columns in the AAL

Column (1) - National Stock Number (NSN). Identifies the stock number of the item to be used for requisitioning purposes.

Column (2) - Description, Commercial and Government Entity Code (CAGEC), and Part Number (P/N). Identifies the Federal item name (in all capitals) followed by a minimum description when needed. The last line below the description is the CAGEC (in parentheses) and the part number.

Column (3) - Usable On Code. When applicable, gives you a code if the item you need is not the same for different models of equipment.

Column (4) - Unit of Measure (U/M). Indicates the physical measurement or count of the item as issued per the National Stock Number shown in column (1).

Column (5) - Qty Recm. Indicates the quantity recommended.

ADDITIONAL AUTHORIZATION LIST

Table 1. Additional Authorization List.

(1) NATIONAL STOCK NUMBER	(2) DESCRIPTION, CAGEC, AND PART NUMBER	(3) USABLE ON CODE	(4) U/M	(5) QTY RECM
1095-01-564-0900	HOLSTER, PISTOL: SafariLand Holster for TASER, Right-hand (1KR75), SDG6004		EA	1
7025-01-528-6897	INTERFACE UNIT, DATA TRANSFER: TASER X26E Usage Data Record Download Kit (1WHR1), 26500		EA	1
4240-00-052-3776	GOGGLES, INDUSTRIAL (45152), 3336841		EA	1

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OPERATOR MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
EXPENDABLE AND DURABLE ITEMS LIST

INTRODUCTION

Scope

This work package lists expendable and durable items that you will need to operate and maintain TASER X26E. This list is for information only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (Except: Medical, Class V, Repair Parts and Heraldic Items), or CTA 8-100, Army Medical Department Expendable/Durable Items.

Explanation of Columns in the Expendable/Durable Items List

Column (1) - Item Number. This number is assigned to the entry in the list and is referenced in the narrative instructions to identify the item (e.g., Use brake fluid (item 5, WP 0098 00)).

Column (2) - Level. This column identifies the lowest level of maintenance that requires the listed item (C = Crew, F = Maintainer, H = Below Depot, D = Depot).

Column (3) - National Stock Number (NSN). This is the NSN assigned to the item which you can use to requisition it.

Column (4) - Item Name, Description, Commercial and Government Entity Code (CAGEC), and Part Number (P/N). This column provides the other information you need to identify the item.

Column (5) - Unit of Measure (U/M). This code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

EXPENDABLE AND DURABLE ITEMS LIST

Table 1. Expendable and Durable Items List .

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) ITEM NAME, DESCRIPTION, CAGEC, PART NUMBER	(5) U/M
1	C	7045-01-482-9818	Air Duster Cleaner (1B6A6) A210	EA
2	C	1095-01-528-6894	Cartridge, Non-Lethal Firing Device: TASER Standard Air Cartridge Single Shot, 21 Ft Range, Silver Blast Doors (1WHR1) 44200	EA
3	C	1095-01-528-6893	Cartridge, Non-Lethal Firing Device: TASER Training Air Cartridge, Single Shot, Non-conductive, 21 Ft Range, Blue Blast Doors (1WHR1) 44205	EA
4	C	1095-01-533-1733	Cartridge, Non-Lethal Firing Device: TASER XP Air Cartridge Single Shot, XP Probes, 25 Ft Range, Green Blast Doors (1WHR1) 44203	EA

Table 1. Expendable and Durable Items List - Continued.

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) ITEM NAME, DESCRIPTION, CAGEC, PART NUMBER	(5) U/M
5	C	1095-01-545-5742	Cartridge, Non-Lethal Firing Device: TASER XP Air Cartridge Single Shot, XP Probes, 35 Ft Range, Orange Blast Doors (1WHR1), 44206	EA
6	C	6810-00-753-4993	Isopropyl Alcohol, Technical: (81348) TT-I-375GRADEB	OZ
7	C	4240-01-436-8838	Nitrile Gloves, Special (IU6C8) 37-175-11	PR
8	C	7920-00-205-1711	Rag, Wiping: Unbleached, Mixed Colors (80244) 7920-00-205-1711	LB
9	C	7045-01-527-0112	Swab, foam (04WH1) 6-S148	EA

FIELD MAINTENANCE
TASER X26E
(NSN 1095-01-543-2189, PN 26016)
WARRANTY INFORMATION

GENERAL

The TASER X26E launcher is covered by a standard one-year manufacturer's limited warranty beginning from the date of first activation of the TASER X26E. The warranty expiration date will appear in the Central Information Display (CID) of the TASER X26E when an XDPM is inserted. The CID will display the warranty expiration date in year..month..day format. If damage to the CID is apparent, in which the warranty expiration does not appear, or the TASER X26E is beyond the warranty expiration date, units will be required to order a new TASER X26E.

A warranty failure is defined as the failure of a warranted item to perform in accordance with its product specification. A warranty failure does not include failures caused by:

- Misuse, neglect, failure to provide necessary preventive maintenance, abuse or accident to the equipment.
- Any modifications to the equipment.
- Exposure of the equipment to conditions beyond the environmental and operating constraints specified in the Government approved product specifications.

WARRANTY PROCEDURES

The following steps should be taken when turning in a failed/defective TASER X26E for warranted repair:

1. User/operator completes a DA Form 2407 (Maintenance Request). The form should provide as much detail as possible to include:

   a. Serial number of TASER X26E.

   b. Description of malfunction, defect, or damage.

   c. If known, an explanation of how the malfunction, defect or damage occurred.

2. Taser International assigns a Return Material Authorization (RMA) number to the request.

   a. Go to: http://www2.taser.com/support/Pages/support.aspx.

   b. Click on **RMA return** under the Law Enforcement products caption.

   c. Click **TASER X26 > >**.

   d. Click the unserviceable component and continue through the online troubleshooting guide.

   e. Scroll down and click hyperlink to complete the return authorization form.

NOTE

For questions, e-mail rma@taser.com or call CONUS 1-800-978-2737.

3. The TASER X26E is processed for shipment. To prevent additional damage:

   a. Remove loaded cartridge, if applicable.

   b. Remove the XDPM.

   c. Place the TASER X26E into the eXoskeleton holster.

4. The TASER X26E is shipped.

   a. Place the X26E/holster, XDPM, and DA Form 2407 in a suitable packing container or original packaging.

   b. Mark the package with “Field Return” and the RMA number.

   c. Ship via quickest, traceable, prepaid means to:

Shipping Address
Taser International RMA Department 17800 N. 85th Street Scottsdale, AZ 85255-9603 Telephone: 480-905-2000 Toll free: 800-978-2737

NOTE

Non-warranty repairs are subject to a repair cost or replacement cost.

END OF WORK PACKAGE

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.	Use Part II *(reverse)* for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
TO: *(Forward to proponent of publication or form) (Include ZIP Code)*	FROM: *(Activity and location) (Include ZIP Code)*	

PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

PUBLICATION/FORM NUMBER	DATE	TITLE
TM 9-1375-225-12	**18 Jun 99**	**SOF Demo Kit, M303**

ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON *(Provide exact wording of recommended changes, if possible).*
1						**Page 0001 00-2. Change "Rock Island, IL 61201" to read "Aberdeen Proving Ground, MD 21010". Reason: Wrong Address.**
2				5		**Page 0012 00-5. Add callout "2" to the shaft slinger in the illustration. Reason: Callout missing from illustration.**

** Reference to line numbers within the paragraph or subparagraph.*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE

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TO: *(Forward to proponent of publication or form) (Include ZIP Code)* **LRED (AMSRD-AAR-EIL-LS)** **U.S. Army RDECOM, ARDEC** **Picatinny Arsenal, NJ 07806-5000**	FROM: *(Activity and location) (Include ZIP Code)*	

PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

PUBLICATION/FORM NUMBER	DATE	TITLE
TM 9-1095-213-13&P	**28 July 2008**	**Firing Device, Non-Lethal: TA**

ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON *(Provide exact wording of recommended changes, if possible).*

** Reference to line numbers within the paragraph or subparagraph.*

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TO: *(Forward direct to addressee listed in publication)*	FROM: *(Activity and location) (Include ZIP Code)*	DATE
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PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER	DATE	TITLE

PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

PART III - REMARKS *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

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PUBLICATION/FORM NUMBER	DATE	TITLE
TM 9-1095-213-13&P	**28 July 2008**	**Firing Device, Non-Lethal: TASER X26E**

ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON *(Provide exact wording of recommended changes, if possible).*

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By Order of the Secretary of the Army:

GEORGE W. CASEY, JR.
General, United States Army
Chief of Staff

Official:

JOYCE E. MORROW
Administrative Assistant to the
Secretary of the Army
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