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Engineer Equipment Support Platoon & Company (ESP-ESC) Kit w/ Multi-Power Unit 2032E

The Engineer Equipment Support Platoon & Company VMTS Kit is required to accomplish Combat Engineer operations and construction engineering operations, facilities maintenance, emergency, natural disaster relief and extreme civil works programs. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT ESCESP-MIS-MPU32
NSN: 5180-01-587-7821

Engineer Equipment Support Platoon & Company (ESP-ESC) Kit w/ Multi-Power Unit (MPU 2042E)

The Engineer Equipment Support Platoon & Company VMTS Kit is required to accomplish Combat Engineer operations and construction engineering operations, facilities maintenance, emergency, natural disaster relief and extreme civil works programs. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT ESCESP-MIS-MPU42
NSN: 5180-01-587-7774

Engineer Horizontal Mission Kit w/ Multi-Power Unit 2032E

The Engineer Horizontal Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT HORIZ-MIS-MPU32
NSN: 5180-01-587-7779

Engineer Horizontal Mission Kit w/ Multi-Power Unit 2042E

The Engineer Horizontal Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT HORIZ-MIS-MPU42
NSN: 5180-01-587-7784
**Engineer Master Maintenance Kit w/ Multi-Power Unit 2032E**

The Engineer Master Maintenance VMTS Kit provides maintenance level capabilities for common combat engineer tasks and supports up to two squads per kit. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT MAST-MAIN-MPU32  
NSN: 5180-01-587-7817

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**Engineer Master Maintenance Kit w/ Multi-Power Unit 2042E**

The Engineer Master Maintenance VMTS Kit provides maintenance level capabilities for common combat engineer tasks and supports up to two squads per kit. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT MAST-MAIN-MPU42  
NSN: 5180-01-587-7822

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**Engineer Mobile Augmentation Combat Kit w/ Multi-Power Unit 2032E**

The Engineer Mobile Augmentation Combat VMTS Kit quickly increases the capabilities of Military Sapper/Combat Engineer operations, combat, and construction engineering operations, facilities maintenance, and extreme civil works programs. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT MOBAUG-MIS-MPU32  
NSN: 5180-01-587-7789

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**Engineer Mobile Augmentation Combat Kit w/ Multi-Power Unit 2042E**

The Engineer Mobile Augmentation Combat VMTS Kit quickly increases the capabilities of Military Sapper/Combat Engineer operations, combat, and construction engineering operations, facilities maintenance, and extreme civil works programs. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT MOBAUG-MIS-MPU42  
NSN: 5180-01-587-7792
Engineer Sapper Combat Kit w/ Multi-Power Unit 2032E

The Engineer Sapper Combat VMTS Kit enhances the Sappers’ capabilities including breaching and emplacement of obstacles with enhanced safety, speed and productivity. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT SAPPER-MIS-MPU32
NSN: 5180-01-587-7802

Engineer Sapper Combat Kit w/ Multi-Power Unit 2042E

The Engineer Sapper Combat VMTS Kit enhances the Sappers’ capabilities including breaching and emplacement of obstacles with enhanced safety, speed and productivity. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT SAPPER-MIS-MPU42
NSN: 5180-01-587-7806

Engineer Vertical Mission Kit w/ Multi-Power Unit 2032E

The Engineer Vertical Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT VERT-MIS-MPU32
NSN: 5180-01-587-7812

Engineer Vertical Mission Kit w/ Multi-Power Unit 2042E

The Engineer Vertical Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT VERT-MIS-MPU42
NSN: 5180-01-587-7814
Engineer Vertical Mission Kit w/ Multi-Power Unit 2032E

The Engineer Vertical Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2032E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, Sustainment and Replenishment systems.

P/N: KIT VERT-MIS-MPU32
NSN: 5180-01-587-7812

Engineer Vertical Mission Kit w/ Multi-Power Unit 2042E

The Engineer Vertical Mission VMTS Kit provides hydraulic, electric, and air powered tools required to support ground clearing, digging, scraping, and heavy machinery to accomplish engineer tasks. This kit includes Multi-Power Unit (MPU 2042E), Engineer Operational Maintenance Module, Multi-Power Unit Hose Reel Module, MPU Welding Module, Sustainment and Replenishment systems.

P/N: KIT VERT-MIS-MPU42
NSN: 5180-01-587-7814
Engineer Operational Maintenance Module

Engineer Operational Maintenance Module consists of 2 Boxes and is designed with Rapid Inventory Foam for FOD prevention.

P/N: KIT OP-MAIN-MOD
NSN: 5180-01-587-7794
**Electric Lighting Module**

Electric Lighting and stand for use with MPU. Tool Kit, Electrician's, also referenced with federal logistics item name code 34587 - Excludes tool kit (1), lineman's.

- Contains connector subkit

P/N: KIT ELEC-LIGHTING
NSN: 5180-01-590-1843

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**Fasteners Module**

Tool Kit, Pioneer, Engineer's, also referenced with federal logistics item name code 34614

Component of sole source kit(s) 5180-01-587-7812, 5180-01-587-7814

P/N: KIT FASTENERS
NSN: 5180-01-590-4679

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**Heavy Equipment Hammer Module**

Kit, Hammer, also referenced with federal logistics item name code 15091 - An adapter with electrical contacts which provides facilities for joining two or more electrical connectors, whose design or function will not normally warrant their junction. It is not designed for permanent attachment to a cable, cord, coaxial line, or wire. The physical shape of an electrical connector should not be the determining factor of its name. Tee, angle, straight, and y-shaped adapters are all adapter, connector. Excludes adapter, connector to lampbase; adapter, lampholder to connector; adapter (1), cable clamp to connector; and adapter, lampholder. For items designed as a mechanical connection between an electrical conduit and an electrical connector, see adapter (1), electrical conduit.

P/N: KIT HAMMER-EQUIP
NSN: 5180-01-590-2009
**45 lb. Hydraulic Breaker Module**

Tool Kit, Pioneer, Engineer’s, also referenced with federal logistics item name code 34614

Component of sole source kit(s) 5180-01-587-7818, 5180-01-587-7821, 5180-01-587-7774

P/N: KIT HYD-45BREAKER  
NSN: 5180-01-590-1982

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**70 lb. Hydraulic Breaker Module**

Tool Kit, Pioneer, Engineer’s, also referenced with federal logistics item name code 34614

Component of sole source kit(s) 5180-01-587-7818, 5180-01-587-7821, 5180-01-587-7774

P/N: KIT HYD-70BREAKER  
NSN: 5180-01-590-1986

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**Hose Reel Module for MPU 2032E**  
*(2 Hydraulic, 1 Pneumatic)*

Kit, Hose Reel, Hydraulic, Pneumatic

P/N: KIT RK2032EA1  
NSN: 5120-01-588-1141
Hose Reel Module for MPU 2042E
(1 Hydraulic, 1 Pneumatic)

Kit, Hose Reel, Hydraulic, Pneumatic

P/N: KIT RK2042EA1
NSN: 5120-01-588-1142

Engineer Master Maintenance Module

Tool Kit, Pioneer, Engineer's, also referenced with federal logistics item name code 34614

P/N: KIT MAST-MAIN-MOD
NSN: 5180-01-587-7815

Hydraulic Auger Module

Kit, Hose Reel, Hydraulic, Pneumatic

P/N: KIT HYD-AUGER
NSN: 5180-01-590-2003
Multi-Power Unit Engineer Sets

HIPPO Multi-Power Unit
MPU 2032E
NSN: 5120-01-590-1751

HIPPO Multi-Power Unit
MPU 2042E
NSN: 5120-01-590-1754

**Final Products**

**Maintenance**

- ENGINEER OPERATIONAL MAINTENANCE KIT WITH MPU 2032E | NSN: 5180-01-587-7796
- ENGINEER OPERATIONAL MAINTENANCE KIT WITH MPU 2042E | NSN: 5180-01-587-7799
- ENGINEER MASTER MAINTENANCE KIT WITH MPU 2032E | NSN: 5180-01-587-7817
- ENGINEER MASTER MAINTENANCE KIT WITH MPU 2042E | NSN: 5180-01-587-7822

**Combat**

- ENGINEER MOBILE AUGMENTATION COMBAT KIT WITH MPU 2032E | NSN: 5180-01-587-7789
- ENGINEER MOBILE AUGMENTATION COMBAT KIT WITH MPU 2042E | NSN: 5180-01-587-7792
- ENGINEER SAPPER COMBAT KIT WITH MPU 2032E | NSN: 5180-01-587-7802
- ENGINEER SAPPER COMBAT KIT WITH MPU 2042E | NSN: 5180-01-587-7806
- ENGINEER EQUIPMENT SUPPORT PLATOON AND COMPANY (ESP-ESC) KIT W/ MPU 2032E | NSN: 5180-01-587-7821
- ENGINEER EQUIPMENT SUPPORT PLATOON AND COMPANY (ESP-ESC) KIT W/ MPU 2042E | NSN: 5180-01-587-7774

**Construction**

- ENGINEER HORIZONTAL MISSION KIT WITH MPU 2032E | NSN: 5180-01-587-7779
- ENGINEER HORIZONTAL MISSION KIT WITH MPU 2042E | NSN: 5180-01-587-7784
- ENGINEER VERTICAL MISSION KIT WITH MPU 2032E | NSN: 5180-01-587-7812
- ENGINEER VERTICAL MISSION KIT WITH MPU 2042E | NSN: 5180-01-587-7814
# Kit Product Modules & Info Chart

## Building Blocks

|--------------------------|------------------------------------------|----------------------------------|-------------------|-------------------------------|----------------------------------|----------------------------------|-------------------------------|---------------------------------|---------------------------------|-----------------------------------|------------------|---------------------|-------------------------------|-----------------------------|-----------------------|-----------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------|-------------------------|-----------------------------|--------------------------|----------------|--------------------------|

## Final Products

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## Multi-Powered Unit Engineer Sets

- **Kit Product Modules & Info Chart**
18V Impact Tool Module

Tool Kit, Pioneer, Engineer’s, also referenced with federal logistics item name code 34614

P/N: KIT IMPACT TOOL-18V
NSN: 5180-01-587-8007

Hydraulic Concrete Chainsaw Module

P/N: KIT HYD-CONCR-CHSAW
NSN: 5180-01-590-4681

Hydraulic Cutoff Saw Module

P/N: KIT HYD-CUTOFF
NSN: 5180-01-590-2007
Hydraulic Hammerdrill Module

The Hammerdrill Module is a component of multiple kits.

P/N: KIT HYD-HAMMERDRILL
NSN: 5180-01-590-2012

Hydraulic Pump Module

Kit, Hose Reel, Hydraulic, Pneumatic

P/N: KIT HYD-PUMP
NSN: 5180-01-590-2021
Hydraulic Pump Module for Vertical Mission Kit

Tool Kit, Pioneer, Engineer's, also referenced with federal logistics item name code 34614

P/N: KIT HYD-PUMP-VERT
NSN: 5180-01-590-4686

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Hydraulic Sinker Drill Module

P/N: KIT HYD-SINKER-DRILL
NSN: 5180-01-590-2026

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Hydraulic Wood Chainsaw Module

P/N: KIT HYD-WOOD-CHSAW
NSN: 5180-01-590-4680
**MPU One Year Sustainment Module**

Contains Filters and Consumables for one year

P/N: KIT MPU-SUSTAINMENT  
NSN: 5180-01-588-1143

**Personal Protective Equipment Module**

This Kit contains protective eye wear, fire extinguishers and other protective gear

P/N: KIT OP-MAIN-PPE  
NSN: 5180-01-590-1847

**35 lb. Pneumatic Breaker Module**

Contains module and cutting attachments

P/N: KIT PNEUM-35BREAKER  
NSN: 5180-01-590-2032
Pneumatic Grinder Module

This Kit contains hoses, grinder, brushes and blades

P/N: KIT PNEUM-GRIND
NSN: 5180-01-590-2014

Pneumatic Impact Gun Module

Contains hoses, impact driver, fittings, and deep sockets

P/N: KIT PNEUM-IMP
NSN: 5180-01-590-4682

Sheet Metal Module

P/N: KIT SHEETMETAL
NSN: 5180-01-590-4625
Pneumatic Nailer Module

The Pneumatic Nailer Module contains Nailers, hoses, and fasteners.

- Includes subkit KIT FASTENERS 5180-01-590-4679

P/N: KIT PNEUM-NAIL
NSN: 5180-01-590-4684
Post Pulling and Driving Module

This Kit contains puller and driving tools

P/N: KIT PP-DRIVING
NSN: 5180-01-590-2038

Unique to Horizontal Module

P/N: KIT UNIQUE-HOR
NSN: 5180-01-590-1956

Unique to Vertical Module

P/N: KIT UNIQUE-VM
NSN: 5180-01-590-4628
Blowing and Venting Module

This Kit contains puller and driving tools

P/N: KIT BLOW-VENT
NSN: 5180-01-590-4678

MPU Welding Module

P/N: KIT MPU-WELD-MOD
NSN: 5180-01-588-1135

Lugmaster Module

(available to order as additional module for any MPU Kit)

P/N: KIT LUGMASTER IMPACT
NSN: 5180-01-587-7824