



ESSENTIAL TOOLS AND SERVICE EQUIPMENT

LEV READINESS

Essential Tools and Equipment for Safely Servicing
Low Emission Vehicles



For a complete list of LEV Readiness products, login to MoparEssentialTools.com > Online Catalog > Hybrid and Low Emission Vehicles.



To place an order, login to: MoparEssentialTools.com

To contact a program representative, call 1-855-298-2687.

LEV READINESS

The need for specific tools, service equipment, and personal protection equipment increases as low emission vehicles (LEVs) become more commonplace in repair facilities. Due to the evolving nature of the technology, the tools and equipment needed to safely service LEVs are under constant evaluation.

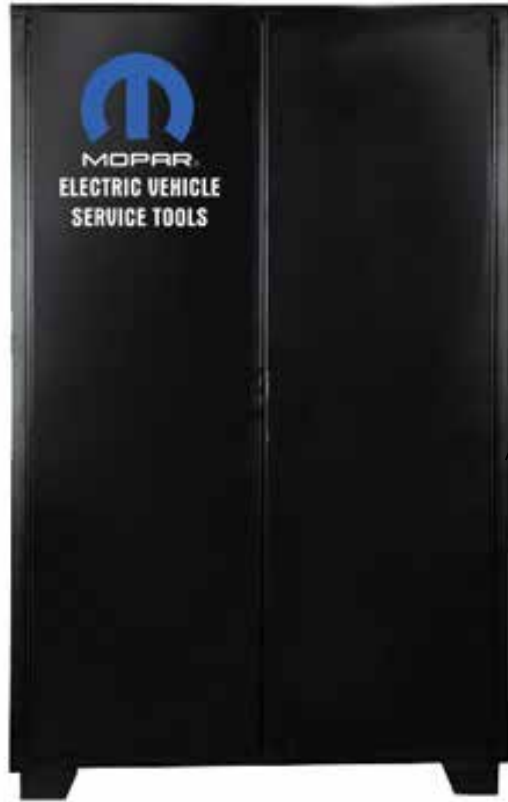
REQ FUTURE TOOLS

Mopar Essential Tools and Service Equipment is currently working on adding these future essential tools to the program:



- **EDM Repair Tools**
- **Internal Battery Repair**
 - Module Balancer
 - Insulated Covers
 - Module Extractor
 - TIM Paste Dispenser
 - Thermal Camera
- **Insulated Hand Tools**
 - Ratchet & Sockets
 - Needle Nose Pliers
 - Torque Wrench
- **Leak Tester**
- **Lifting Tools**
 - Lift Table
 - Lift Straps & Spreader Bars
 - Lift Table Fixture
- **PPE**
 - Hard Hat and Shield

STORAGE



AMV10467
Safety / Tool Storage Cabinet **REQ**

Required Quantity: 1

This cabinet is designed to store the Fiat 500 BEV Safety Kit items, including the Safety Cones and Barriers, plus room for future storage.

Features:

- All welded 14 gauge construction (walls and doors)
- Lockable doors with lever handle and 3-point locking system
- Doors open 180°
- Full fixed top shelf, 18 gauge with 12" clearance
- 4" high feet - allows unit to be moved with forklift truck
- (4) 20" x 20" half shelves adjustable on 2/5" centers
- (1) 1/4" x 16" Wide garment bar
- 24"D x 36"W x 78"T



10451
Storage Crate **REQ**

Required Quantity: 1

Use this hinged storage bin to safely store and protect safety hard hat, gloves, apron, etc. when not in use.

For pricing or to place an order login to: MoparEssentialTools.com

PPE



High Voltage Glove Protector Sets

REQ

Glove set consists of one pair of rubber insulation gloves and one pair of leather protector gloves. These gloves MUST be used to work safely on the high voltage electrical systems on LEV, Hybrid Electric, and Partial Hybrid Electric vehicles.

NOTE: Regulations mandate re-certification of all safety gloves at required time intervals. Refer to regulations for specifics.

Sizes:

- 10152B-1** Small Glove Protector Set, Size 7, Class 0
Required Quantity: 2*
- 10152B-2** Medium Glove Protector Set, Size 8, Class 0
Required Quantity: 2*
- 10152B-3** Large Glove Protector Set, Size 9, Class 0
Required Quantity: 2*
- 10152B-4** Extra Large Glove Protector Set, Size 10, Class 0
Required Quantity: 2*

* Each HV Technician is recommended to have their own.



10440A Hard Hat and Face Shield

REQ

Required Quantity: 1

Use this Hard Hat and Face Shield to protect yourself during service procedures on the Fiat 500 Battery LEV. Arc Flashing Rating: 10 CAL/cm2



2042500080 Apron, Insulation Class 0

REQ

Required Quantity: 2

This Apron MUST be used to work safely on the high voltage electrical systems on LEV, Hybrid Electric, and Partial Hybrid Electric vehicles.

For pricing or to place an order login to: MoparEssentialTools.com

PPE



**Arc Flash Coat,
43 CAL/cm²**

REQ

Use these special tools along with the appropriate service procedures to service High Voltage LEVs.

Sizes:

SFGSWC43-L Large Arc Flash Coat
Required Quantity: 1*

SFGSWC43-2X 2XLarge Arc Flash Coat
Required Quantity: 1*

* Each HV Technician is recommended to have their own.



10153

**6' x 3' Class 00 Insulated
Blanket and Storage Bag**

REQ

Required Quantity: 1

Use this special tool along with the appropriate service procedures to service High Voltage LEVs.



2084200080

**Balaclava - Arc Flash
12-16Cal/cm²E**

REQ

Required Quantity: 1

Use this special tool along with the appropriate service procedures to assist in servicing hybrid and low emission vehicles.

For pricing or to place an order login to: MoparEssentialTools.com

SAFETY

10441A
Safety Cone **REQ**

Required Quantity: 12

Use these safety cones to restrict access to LEV, Hybrid Electric, and Partial Hybrid Electric Vehicles and components during the performance of high voltage service repairs. 1 per package.



10452A
Danger / High Voltage Sign, Qty 1, 2-sided **REQ**

Required Quantity: 2

Display this sign to warn of the danger of high voltage to shop personnel during battery service procedures on LEV, Hybrid Electric, and Partial Hybrid Electric Vehicles.

NOTE: One side states 'Electrical Hazard' and the other states 'High Voltage'.

10442A
Safety Barriers **REQ**

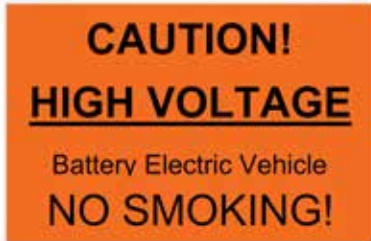
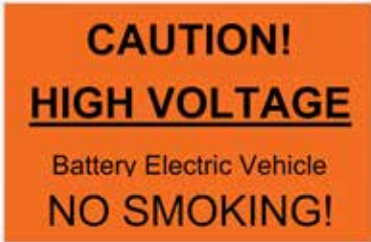
Required Quantity: 12

Use these safety barriers to restrict access to LEV, Hybrid Electric, and Partial Hybrid Electric Vehicles during the performance of high voltage and components service repairs. 1 per package.



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SAFETY

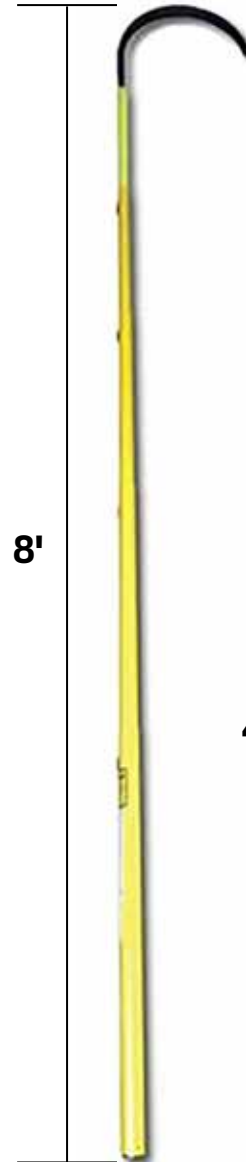


10443B
Windshield and Dash Placement Cards - English, Set of 4 **REQ**

Required Quantity: 1

Use these brightly colored laminated caution signs to properly designate that a high voltage LEV is in a certain stage of power mode (Powered Up, Powered Down, and other caution states).

Extended



Retracted



2042600081
Telescopic Insulated Rescue Body Hook **REQ**

Required Quantity: 1

Use this Safety Rescue Hook to withdraw an injured worker out of a hazardous area.

For pricing or to place an order login to: MoparEssentialTools.com

ELECTRICAL SERVICE TOOLS



2035100082

**High Voltage Battery
Caps and Covers Kit**

REQ

Required Quantity: 2

Use this kit with the appropriate service procedures when servicing electrical systems on hybrid vehicles.



FLU1587FC

Fluke Multimeter

REQ

Required Quantity: 1

The Fluke 1587 FC Insulation Multimeter combines a digital insulation tester with a full-featured, true RMS digital multimeter in a single, compact, handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance.

POWERTRAIN LIFTING TOOLS



2035200081

**High Voltage Battery
Lift Straps**

REQ

Required Quantity: 1

Use these tools to lift the high voltage battery during the performance of high voltage service repairs. Style is four point bridle strap made of webbing. Includes Eye Bolts, Quick Link, and Short Straps.

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