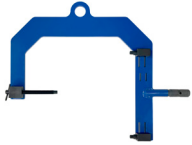













EV SPECIALTY TOOLS & SAFETY GEAR

Part number	Description	Application	Use	Similar to
 7030	Transmission Holding Fixture	1998-Later GM GF6 and GF9 Transaxle including 2012-Later Chevrolet Volt	Transmission Holding Fixture mounts to the transaxle case along with the 8321 Transmission Holding Fixture Adapter Set to securely hold the GF6 or GF9 transaxle for service during unit repair. Modifications to the holding fixture can be made to also hold the Volt Gen II 5ET50 transmission.	Similar to J-46625
328920	Fixture Base Mount	For use with 7030 and 7040-1 Trans Case Holding Fixtures	This base assembly mounts to a repair bench, that accepts and supports many Trans Case holding fixtures. Base includes a set screw and quick release pin lock.	Similar to J-03289-20
 8305	Trans Rotor Remover/Installer	2017-Later Chevy Bolt EV Transmission	Used to remove and install the transmission permanent magnet rotor during unit repair. This tool allows the rotor to be serviced without damage to the windings exposed at the end of the stator. Turning the threaded forcing screw allows smooth steady movement of the rotor as it is removed and installed. These tools can be used in conjunction with the 8307 Trans Stator Alignment Pins.	Similar to DT-52011
 8307	Trans Stator Alignment Pins	2017-Later Chevy Bolt EV Transmission	This set of three pins are used during unit repair to guide, protect, and align the stator to the correct position during removal and installation of the Bolt EV 1ET25 transmission permanent magnet rotor. Typically used in conjunction with 8305 Trans Rotor R/I to raise the rotor for removal and lower the rotor for installation with a smooth steady rotation of the forcing screw.	Similar to DT-52012
 8309	Vent Hose Pipe Installer	2017-Later Chevy Bolt EV Transmission	This adapter is used to install the vent hose pipe in the Bolt EV 1ET25 transmission. The internal 5/16"-18 threaded hole allows for use with a standard slide hammer to press in the vent hose pipe.	Similar to DT-52017
 8311	Axle Seal Installer	For use on many 1998-Later GM vehicles	This seal installer is designed to fit the differential seals and fit them without damage to the seal, housing, or output shafts. Fits seals over a 1.0" shaft with a seal ID of 1.37" and an OD of up to 2.70".	Similar to J-44809

Part number	Description	Application	Use	Similar to
 8315	Battery Lift Fixture	2016-2019 Malibu Hybrid, 2017-Later Bolt EV with 8317 Adapters, and 2014-2016 Cadillac ELR with GM EL-50115	This lifting fixture is designed for the eAssist vehicle battery pack tray. The adapter lifting eye and rod holes are positioned so the pack is lifted at its center of gravity. Using a floor crane/ cherry picker, the battery pack can be securely supported as it is lifted and removed or installed in the vehicle. This lift fixture can be used with the 8317 Lift Adapters for servicing of Bolt EV battery pack sections, and also used with GM EL-50115 Lift Adapters for servicing of Volt battery pack sections.	Similar to EL-48264-A
 8317	Battery Section Lift Adapters	2017-Later Chevrolet Bolt EV	These adapters can be used in conjunction with the 8315 Battery Lift Fixture to allow the individual battery modules to be removed from the Bolt EV High-Voltage Battery Tray. This avoids replacement of the entire battery pack if a module can repair the vehicle. The adapters slide into the ends of the lifting fixture and the center adapter slides to the middle of the fixture bar to provide support at the center of the battery module.	Similar to EL-48264-100
 8319	Battery Coolant Test Adapter Set	2017-Later Chevrolet Bolt EV	These adapters allow evacuation of residual coolant from the cooling passages in a battery pack prior to pack removal from the Bolt EV. The adapters also allow pressure and smoke testing of the battery coolant passage system for leaks before installing the pack into the vehicle after diagnostics, module replacement and internal cooling system component service have been performed.	Similar to EL-52016-A
 8321	Trans Holding Fixture Adapter Set	2017-Later Chevrolet Bolt EV	This adapter set attaches to the 7030 transmission Holding Fixture and attaches to the transmission.	Similar to J-46625-10 and DT-52009
 8323	Differential Rotator	2011-Later 5ET50, 6T30, 6T35, 6T40, 6T45, 6T50 GM transmissions including 2016-2019 Chevrolet Volt	This tool allows rotation of the differential slightly in each direction using the rotating tool to align the Differential Pinion Gears with the Differential Ring Gear in the Torque Converter Housing.	Similar to DT-49938
 8325	Trans Piston Spring Compressor	2011-Later 5ET50, 6T30, 6T35, 6T40, 6T45, 6T50, 6T70, 6T75, 9T50 GM transmissions including 2016-2019 Chevrolet Volt	For use in a hydraulic press to compress the piston spring for removal and installation of the 3-5-R Piston during unit overhaul.	Similar to DT-47694

Part number	Description	Application	Use	Similar to
 8327	Trans Dam Spring Compressor	2011-Later 5ET50 and 6L45 GM transmissions including 2016-2019 Chevrolet Volt	For use in a hydraulic press to push on the low clutch sprag assembly and compress the low/reverse clutch spring for removal of the clutch spring retaining ring. After the clutch is serviced, the tool is again used to compress the spring and reinstall the retaining ring.	Similar to DT-48903
 8329	Radiator & Surge Tank Test Adapters	2016-2019 Volt, 2017-Later Bolt EV, 2016-Later Malibu and ELR	This adapter set allows for pressure testing of the surge tank cap and/or pressure testing the complete cooling system for leaks. The surge tank cap adapter threads on to the surge tank cap to test it for any seal leaks. The other adapter includes O-rings that seal off the tank vent port so the system will pressurize and the test can be run correctly and accurately. Both adapters are designed to used with a pressure tester pump.	Similar to GE-46143-A
 8331	Trans Seal Installer	2016-Later 5ET50, 8L45, and 8L90 GM transmissions including 2016-2019 Chevrolet Volt	This set of 3 tools are designed to correctly install the solid teflon seals on the turbine shaft on the 45678R clutch housing. The tools protect the seals as they are slid down the shaft into their respective grooves without over-expanding the seals. The tools also properly size the OD of the seal to they install into the clutch housing without being nicked or cut.	Similar to DT-50911
 8333	Flywheel Holder	2016-Later 10L, 14L, 15L, 20L, & 25L including 2016-2019 Chevrolet Volt	This tool is needed to properly hold the flywheel and crankshaft in position while tightening the balancer bolt to the required torque angle. Tool installs in place of the starter and engages the flywheel ring gear teeth, eliminating the need for unapproved methods that can result in incorrect fastener torque or flywheel damage.	Similar to EN-51760
 8335	Clutch Travel & Load Tool Kit	2016-Later 5ET50, 8L45, and 8L90 GM transmissions including 2016-2019 Chevrolet Volt	This tool set is designed to apply various load pressures on clutch pack assemblies for travel checks. The clutch pack is placed into the fixture and the forcing screw is adjusted until the pressure gauge reads the proper load for the clutch pack assembly. This flattens the pack assembly and forces out any air trapped between the discs and backing plates. A dial indicator can then be set up and shop air supplied to the clutch pack to check for proper travel, per the clutch pack specification.	Similar to DT-50900, DT-50903, DT-50905
 8337	Coolant Refill Tool	For use on Engine Cooling and Hybrid/EV Battery Heating and Cooling Systems	This tool is used to remove all air from the engine cooling system. It draws a vacuum on the system to remove coolant as needed during service, and uses the vacuum developed to remove all air from the system during refilling, eliminating air pockets and ensuring the entire cooling system is full, allowing peak performance. Can be used with radiator cap adapters and battery coolant test adapters like the 8319 set.	Similar to GE-47716

Part number	Description	Application	Use	Similar to
 8350	Safety Post w/ Base	All Hybrid and EV service	This safety orange 42" post or looper tube comes complete with a 12 lb. black rubber base. Safety cones/barriers are placed around the vehicle to alert other technicians that the high voltage system is being serviced on an electric or hybrid electric vehicle.	Similar to Toyota/Lexus 01413-00077-1 & 01413-00077-2
 8351	Adjustable Safety Barrier	All Hybrid and EV service	Barrier is black with yellow striping and adjusts from 4' to 6'. Can be used in conjunction with safety cones and looper tubes. Safety cones/barriers are placed around the vehicle to alert other technicians that the high voltage system is being serviced on an electric or hybrid electric vehicle.	Similar to Toyota/Lexus 01413-00078
 8352	Collapsible Safety Cones	All Hybrid and EV service	Hi-visibility cones with 2 reflective bands. Safety cones are collapsible to save storage space. Four (4) cones are included in this set. Safety cones/barriers are placed around the vehicle to alert other technicians that the high voltage system is being serviced on an electric or hybrid electric vehicle.	Similar to J-48605
 8353	Rescue Hook	All Hybrid and EV service	This insulated, heat-treated rescue hook features a closed-cell, foam-filled tubular fiberglass reinforced yellow handle. This 6" hook features an 18" opening. Handle meets the requirements of ASTM F711. Designed to be used as an electrical rescue hook if an injured worker is cornered in a dangerous area or electrical hazard.	Similar to Eaton 540725
 8354	Lock-Out Safety Tag	All Hybrid and EV service	These tags are used to alert other technicians that service is being performed. Includes 25 pk.	Similar to J-48906
 8355	Magnetic Warning Sign	All Hybrid and EV service	A magnetic warning sign that is used to alert other technicians that service is being performed. Sign states "Warning - Hybrid vehicle in service. Do not enable vehicle. High voltage electricity may cause serious personal injury."	Similar to J-48907
 8356	Magnetic High Voltage Sign	All Hybrid and EV service	A magnetic danger sign that is used to alert other technicians that service is being performed. Sign states "Danger - High Voltage".	Similar to Navistar ZTSE4897