MASSACHUSETTS
OFFICE OF EMERGENCY MEDICAL SERVICES
DEPARTMENT OF PUBLIC HEALTH

ADMINISTRATIVE REQUIREMENT MANUAL

EFFECTIVE DATE: June 1, 2026 **AUTHORIZATION**: Susan Lewis, Director

TITLE: EMS First Response (EFR)-BLS Vehicle Equipment List

SUPERSEDES: June 16, 2025

General Principles

A. **STATUTORY AUTHORITY**: MGL c. 111C §3

B. **REGULATORY AUTHORITY:** 105 CMR 170.410 and 170.480

C. **AUTHORIZED EQUIPMENT**: Each EFR vehicle must carry all equipment required for the level of service at which it will be operating. Services must not equip EFR vehicles with equipment that is outside of the service's level of licensure and the vehicle's level of service. This AR is for use by an EFR service licensed at the BLS level or higher, and any licensed ambulance service operating an EFR vehicle at the BLS level.

D. **MEDICATIONS**: All EFR vehicles at the BLS level must carry medications set out in Administrative Requirement 5-400 for BLS level ambulances.

E. **PERFORMANCE STANDARDS**: All equipment must be designed and constructed to meet medical performance objectives and must not endanger patients.

F. **MAINTENANCE**: All equipment and supplies must be maintained according to manufacturers' specifications with regard to maintenance, storage, expiration date, replacement, etc.

ITEM	#	DESCRIPTION	MIN. SIZE PER ITEM	TOTAL MINIMUM QUANTITY REQUIRED
First-Aid Kit/Bag	1.1	First-aid kit items may be incorporated into other units (i.e., portable oxygen unit) and vice versa. Each first-aid kit must include the following:		1
	1.2	Oropharyngeal airways (individually wrapped and sterile)	Adult Pediatric Infant	1 each
	1.3	Small dressings gauze (sterile)	4" x 4"	4
	1.4	Medium dressings gauze (sterile)	5" x 9"	4
	1.5	Large dressings gauze (sterile)	10" x 30"	2
	1.6	Hemostatic dressing approved by the Committee on Tactical Combat Casualty Care		4
	1.7	Soft roller, self-adhering bandage	4" x 5 yds	2
	1.8	Bioclusive dressing with one-way release valve (individually packaged)		1
	1.9	Cravats/triangular bandages	40" wide	4
	1.10	Tourniquets approved by the Committee on Tactical Combat Casualty Care for control of arterial bleeding		2
	1.11	Adhesive tape (2") hypoallergenic	5 yds	1
	1.12	Bandage scissors (7") or equivalent		1
	1.13	Sphygmomanometer	Adult Pediatric	1 each
	1.14	Stethoscope		1
	1.15	Penlight-type flashlight		1
	1.16	Sterile water or saline solution (in an unbreakable container)	500 ml	1

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ITEM	#	DESCRIPTION	MIN. SIZE	TOTAL MINIMUM QUANTITY REQUIRED
	1.17	Bulb syringe (sterile/wrapped) 3oz for irrigation purposes		1
	1.18	Cold packs (instant)		2
	1.19	Carbon Monoxide monitor (CO monitor) for measuring ambient air		1
	1.20	Adhesive bandages (i.e., Band-Aids)	3/4"	6
	1.21	Exam type gloves (single use, latex-free)		2 pairs
	1.22	Glucometer (kit with control solution, test strips, antiseptic wipes, small gauze, and Band-Aids)		1
	1.23	Lancets (single use, self-retracting)		8
	1.24	Sharps Container (OSHA approved)		1
Portable Oxygen Unit	2.1	Oxygen cylinder	D or E	1
	2.2	Oxygen cylinder pressure gauge and regulator capable of delivering a range of 0-25 LPM		1
	2.3	Bag-valve mask with oxygen supply reservoir (hand-operated, single use, with HEPA filter, pediatric/infant must include PEEP)	BVMs: Adult Pediatric Infant Masks for BVMs: Adult Pediatric Infant Neonate	1 each
	2.4	Pulse Oximetry		1
	2.5	Non-Rebreather: High concentration oxygen masks (transparent, disposable) with delivery tubes	Adult Pediatric	2 each

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	2.6	Nasal cannula with delivery tube	Adult Pediatric	2 each
	2.7	Cylinder wrench or wheel secured to unit		1
	2.8	Spare oxygen cylinder. All spare cylinders to be maintained in vehicle, but not part of a kit or stretcher. All spare cylinders must be stored in crash stable devices.	D or E	1
Portable Suction Unit	3.1	One manually operated suction device OR Portable suction apparatus (battery powered) capable of delivering a minimum vacuum of 500 millimeters of mercury.		1
	3.2	Wide bore suction tubing (transparent/translucent, non-kinking)		1
	3.3	Semi-rigid pharyngeal suction tip		1
	3.4	Collection bottle or bag (non-breakable, disposable transparent)	550 ml	1
	3.5	Exam-type gloves (single use, latex-free)		1 pair
	3.6	French suction catheter	14 Fr	1
Automatic External Defibrillator	4.1	AED appropriate to EFR staffing configuration, with appropriate accessories to provide care in accordance with the Statewide Treatment Protocols and ILCOR/CoSTR standards		1
	4.2	AED Pads	Adult Pediatric / Infant	2 each
	4.3	Razor (single-use)		1
Airway Management	5.1	Bag-valve mask with oxygen supply reservoir (hand-operated, single use,	BVMs: Adult Pediatric	1 each

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		with HEPA filter, pediatric/infant must include PEEP)	Infant Masks: Adult Pediatric Infant Neonate	
	5.2	Nasopharyngeal airways (individually wrapped)	20F 22F 24F 26F 28F 30F 32F 34F	1 each
	5.3	Pediatric Nasopharyngeal airways (individually wrapped)	12F 14F 16F 18F	1 each
BLS Bronchodilators	6.1	Nebulizers with mouthpiece		2 each
	6.2	Facemasks	Adult Pediatric	2 each
CPAP KIT	7.1	CPAP device with equipment to do inline nebulizer treatment. High pressure outlets needed at oxygen sources, if required by device	Masks: Small Medium Large	1 Kit, 2 of each size mask

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Obstetrical Kit	8.1	Obstetrical kit (sterile) each containing the following items:		2
	8.2	Large towel		1
	8.3	Receiving blanket, or equivalent		1
	8.4	Sterile disposable plastic or rubber gloves;		1 pair
	8.5	Sterile gauze pads	3" x 3"	6
	8.6	Kelly clamps or sterile ties		2
	8.7	Sanitary napkins		6
	8.8	Infant bulb syringe		1
	8.9	Bandage or surgical blade scissors		1
	8.10	Container with lid for carrying placenta		1
	8.11	Newborn swaddle system (i.e., space blanket, foil swaddle, or equivalent to retain body temperature)		1
Spinal Immobilization	9.1	ADULT Cervical Collar (rigid) **Adjustable collar is equivalent to all 4 sizes**	No-Neck Small Medium Large	2 each
	9.2	PEDI Cervical Collar (rigid) **Adjustable collar is equivalent to all 3 sizes**	Pediatric Toddler Infant	2 each
Accessories	10.1	Blanket		1
	10.2	Covered, secure, rigid container for sharp items (i.e., needles), minimum of 8" height or width (to accommodate EpiPens).		1
	10.3	Biohazard bags (with ties)		2
	10.4	Motion sickness bags, or equivalent, capable of being sealed		2
Personal Protection		Infection control kit, containing two (2) each of disposable, fluid resistant gowns, masks, caps, protective eye		1 kit

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	11.1	wear, and two (2) different sizes of gloves.		
	11.2	Exam- type gloves (single use, latex-free)	Small Medium Large X-large	1 box each
	11.3	NIOSH approved N95 Mask or better (disposable)	All sizes per maker	3 each
	11.4	Facemask and protective eye wear (combination face mask/eye shield equivalent)		4 each
	11.5	Antiseptic hand sanitizer dispenser or 25 individually wrapped antiseptic hand wipes		1 dispenser or 25 individually wrapped
Communication Equipment	12.1	a) Capability to provide recorded communication directly with on-line medical control physician, and b) Capacity to reach service dispatch center		1 each

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Optional Equipment: Required only for services that have implemented supraglottic airway (SGA) as an EMT-Basic intervention in cardiac arrest. Capnography must be immediately available once the SGA is placed.

Supraglottic Airway Kit	13.1	Supraglottic Airway	Sizes covering adult and large adult patients per manufacturer	1 each
	13.2	Syringe for inflation of cuff (if required)		1
	13.3	Lubricant (water soluble)		1
	13.4	Commercial securing device (or equivalent)		1
	13.5	Capnography waveform device		1