



MAP 10C
Included MAP 9 & MAP 10C Summary
Amtrak Maintenance Analysis Program
Exterior/Interior Calendar Day Inspection

Date:	Train #	Car #
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*If this is a Train inspection, apply **Train #**. If this is a Car inspection, apply **Car #**.*

Inspection to be completed every calendar day that equipment is placed in service.

Item: Exterior Inspection <i>Inspection can be performed with cars coupled and without placing over a pit.</i>	REF	QMP Signature
1. Running Gear Visually inspect for cracks, breaks, proper height, excessive wear and operate as intended: truck frames, bolsters, spring planks, swing hangers, equalizers, pedestal legs and liners, springs, air bags, primary suspension, leaf spring guiders, pedestal tie straps, ground straps, shock absorbers, leveling valves, piping, wheels, axles, journal bearings, smoke heat indicators, brake discs (hub, spokes, webbing), brake shoe/pads, brake rigging, brake on/off indicators, emergency guide bolts, side bearing, and no part or appliance is less than 2.5" above rail.	*QRC SMP's 28005 25019	
2. Coupler Visual Inspections Visually inspect and check for proper operation, coupler, carrier, yoke for breaks or cracks. Check uncoupling lever clearance. Rod eye clearance 1/8" – 1/4". Cab cars only: Check coupler for debris and clean if necessary.	*QRC	
3. Air Brake Inspect piping hoses and couplings. Drain main reservoir condensate. Ensure car is within Air Brake date on Main Reservoir Tank (COT&S)	*QRC	
4. Buffer and Diaphragm Check that each is in place and properly aligned.	*QRC	
5. Under Car Electrical & Equipment Cabinets Visually inspect train line cables, jumpers, receptacles, ground straps, wheel slide sensors and harness, protective covers on exterior equipment cabinets. 480-volt receptacles and exterior box covers must be clearly marked with the proper signage. Note: 480 cables must not be short looped.	*QRC	
Item: Interior Inspection <i>Does not apply to Refrigeration or sealed Baggage equipment.</i>		QP Signature
6. Vestibule and End of Car Hardware Ensure toe plates, thresholds, diaphragm curtains, safety appliances, trap door and keepers, steps, doors, and handbrake are in place, level, and secured. Vestibule steps must be illuminated and operate as intended.	*QRC	
7. Interior Hardware and Signage All passenger equipment: Visually inspect and check the operation of windows, doors, emergency tools, first aid kits, carpets, trash receptacles, toilets, sinks, exhaust fans, and lavatory appliances. Seat mounts, rotational locks, and frames must not be broken or loose. All safety related signage in place and legible. Fire extinguishers in place, sealed, and dated. Visually inspect all flooring to ensure it is free of slipping, tripping or fire hazards. Sleepers: Visually inspect and check thermostats, attendant call system, curtains, shades, coat hangers, lockers, hinges and latches with berths closed and where possible visually inspect hardware, locking mechanisms and support stops.	*QRC SMP 28002	

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Item: Interior Inspection (continued)	REF	QP Signature	
7. Interior Hardware and Signage (continued) Food Service/Refrigeration: Ensure all mounting and restraining devices of all appliances, refrigeration and freezer doors, and storage compartment locking devices are in place and operate as intended. Check refrigerator (33 to 40 deg F) and freezers (0 deg F or below) for proper operating temperature. Dishwasher temperature 160 deg F, and thermocable heat of final rinse thermo must be 180 deg F. Working Baggage Cars: Visually inspect and check operation of doors, and floor and wall securing hardware and devices.	*QRC		
8. Interior Systems Visually inspect and ensure all are in place, installed in non-hazardous location or equipped with guards to prevent injury: electric locker, circuit breakers, contactors, fuses, switches, exposed gears, pinions, pipes carrying hot gases, and any other high voltage equipment. Visually inspect and ensure the following are operational: lighting, emergency lighting, showers, water heaters (110-140 deg), water coolers (50 deg), PA, intercom system, indicators, conductor signal. Visually inspect and ensure the water system has been serviced. Where equipped, hot journal and wheel slide detection systems must be operative. Working Baggage Cars: Ensure lighting is operable.	*QRC		
9. Heat, Air Conditioning Visually inspect floor and overhead heaters, air filters, and vaporizer units. Visually inspect the air conditioning system moisture indicator, oil level, freon level and check for proper operation. Check operation of fresh air damper (if equipped). Working Baggage Cars: Visually inspect heating system.	*QRC		
10. Cleaning Perform cleaning according to MCC-004	MCC-004		
11. Non-conforming Conditions (If Applicable) The following conditions can remain in service until the next calendar day inspection. Defects must be recorded on MAP #9 and repaired or the car removed from service during the next daily inspection. Signage: All safety related signage, emergency brake valves, and appropriate high voltage warnings must be in place and legible. Trap Door: Side door must be locked out if trap cannot be secured in both the up and down position. Vestibule Lighting: When lighting is inoperable and the car is not to be used solely on high platform service the side door must be locked out. End and Side Doors: If the door cannot be operated safely as intended a notice must be predominately displayed on the defective door. One operable door must be available per side per car. Seating and Attachments: If broken or loose, the seat must be rendered unusable and a notice prominently displayed on the seat.	MAP 9		
Approvals	Print Name:	Signature	Date
Foreman:			
General Foreman:			

Note: To be maintained at facility performing inspection