



MCI Parked or Stored Vehicle Maintenance and Restart Readiness Checklist

v5 Issued 03/15/2021

Action	Daily	Weekly	Monthly	As Required
Idle Equipment / Extended Parking - Preparation for long term storage				
Disconnect batteries or keep charged, the onboard system will keep the batteries at the proper charge and cycle on and off automatically as needed				X
Lavatory dump and recharge; consider draining for winter storage				X
Check fluids: fill fuel to 90%, top off DEF, engine oil, power steering, transmission, windshield washer solution. (Note as DEF thaws from being frozen, some expansion may create leak out cap vent!)				X
Check air in tires, set at recommended level				X
Lock all doors and compartments. Entrance door must be locked to assure it stays closed when air system depletes				X
Engineering Recommendation: If parked more than 2 weeks, then disconnect battery cables / disconnect Amerex Fire Suppression system following proper procedure. Disconnect Amerex control module, remove battery from control module				X
Monthly - Use High Idle While Function Testing Coach / Running Engine & HVAC monthly is highly recommended				
We have customers that park coaches for several months without starting engine and have minimal issues. However, engine manufactures have cautioned it is best to run engines no less than monthly. MCI recommends cycling of HVAC system, prepare for HVAC service after long term storage				
Confirm normal battery charge and condition before completing any maintenance. Use an appropriate battery charger and perform the proper battery inspection as described in the MCI Maintenance Manuals			X	
Fluid check - Visual underside check for leaks: fuel, DEF, engine oil, power steering, transmission, windshield washer and coolant			X	
Inspect engine and compartment for any signs of intrusion or damage by people, rodents, etc.			X	
Check fire suppression system if installed. On systems with electronic display, verify green "OK" status LED is illuminated.			X	
Start Engine From the rear start position - Check for leaks, abnormal noise, etc. Let run on fast idle for other system checks			X	
Upon starting the coach, check to ensure that the air dryer is functioning properly. <ul style="list-style-type: none"> i. Drain the air tanks in above freezing temperature before bus exercise. ii. Open the air tank drain valves to empty the air tanks. iii. Let the air tanks drain completely. iv. Once the air tanks are completely drained, close the drain valves. 			X	
Run HVAC system for at least 20 mins in heat and cool modes to confirm there are no failure codes. Allow the system to cycle in temperatures as much as possible			X	
Operate and cycle kneeling feature.			X	
Upon releasing the parking brake for the road trip, make sure to drive the bus forward at least 3 ft to ensure that any surface corrosion is removed from the brake rotors and verify that the brakes are disengaged.			X	
Complete a ten (10) mile road trip.			X	
During bus exercise, purge the air dryer and check proper activation of any automatic drain valves.			X	
Must be performed before coach is placed back in service after extended time parked				
DOT and certification related inspections				X
All open Preventive Maintenance (PM) procedures				X
Fuel, Batteries, DEF - Follow recommendations listed below				
Check items impacting customer experience (outlets, recline, cup holders, 110V outlets)				X
Check for any newly issued service campaigns and perform as recommended				X
https://www.mcicoach.com/service-support/technicalPreventativeMaintenanceGuidelines (Section 10 Maint. Manual)				X
Parked engine aftertreatment regenerations				X
*Coach Batteries				
Prior to jump starting coach, battery condition needs to be checked. Jump starting a dead battery can cause equipment and personnel damage. Do not jump start coach at the batteries, use jumper posts in the rear of the coach				X
Battery condition tests include:				
Physical inspection for bulges and damage - These are signs of internal issues			X	
Dirt and debris - Wipe excess fluids off the top of the batteries, dirty batteries can encounter surface discharge up to 1.5 v			X	
Check electrolyte levels			X	
Perform a complete load test of the batteries using approved methods			X	
*DEF System				
When storing a coach it is recommended to put fresh DEF in tank prior to long term storage				X
If a coach is parked for 6 months at 95 degrees, DEF will need to be replaced again				X
Clean and soak the DEF filler cap per MCI Service Information Letter - SI-3077				X
Prior to putting coach back into regular service it is recommended to change DEF				X