



MBTA Trimester Report Bus Emissions

Testing conducted from 4-15-2008 to 8-20-2008

All buses flagged as high emitters were removed from service, repaired, and retested prior to returning to revenue service.

Trimester Summary

Depots Tested	Charlestown, Arborway, Fellsway, Lynn, Albany St, Cabot, Southampton, Quincy
# Buses Tested	870
# Individual Tests	2382
# Screened for Retest	14

Repair Summary

Bus #	Fuel Type	Reason	Repair
6001	CNG	Oxides of Nitrogen	reprogrammed ECM fuel table
2031	CNG	Hydrocarbons	remove/replace spark plugs, coils, diaphragm and filter.
2045	CNG	Hydrocarbons	remove/replace spark plugs, coils, diaphragm and filter.
293	Diesel	Oxides of Nitrogen	repaired fuel system
745	ECD/Diesel	Hydrocarbons	sent to manufacturer for warranty repairs
2136	CNG	Hydrocarbons	remove/replace spark plugs, coils, crankcase diaphragm and filter.
2165	CNG	Oxides of Nitrogen	remove/replace catalytic converter, oxygen sensor, diaphragm and filter, clear AFR tables.
2166	CNG	Hydrocarbons	replaced turbocharger
2289	CNG	Oxides of Nitrogen	remove/replace spark plugs, coils, diaphragm and filter.
2192	CNG	Oxides of Nitrogen	remove/replace oxygen sensor and clear AFR tables.
2198	CNG	Oxides of Nitrogen	remove/replace spark plugs, oxygen sensor, crankcase diaphragm, clear AFR tables.
2229	CNG	Hydrocarbons	remove/replace spark plugs, coils, crankcase diaphragm and filter.
2241	CNG	Oxides of Nitrogen	remove/replace spark plugs, coils, crankcase diaphragm and filter, catalytic converter, clear AFR tables.
2270	CNG	Oxides of Nitrogen	remove/replace spark plugs, coils, diaphragm, oxygen sensor, clear AFR tables.

