

What is LIFT?

LIFT is a demand-response transit service, called “paratransit”. The American with Disabilities Act (ADA) requires all public transit operators to provide this service to eligible individuals whose disability prevents them from accessing or using other lift-equipped public transit.

The service is also required to complement fixed-route transit service for days and hours of operation.



Current LIFT Fleet

- TriMet uses ODOT grant funds for replacement LIFT vehicles
- Vehicles must be Buy-America Compliant, and
- Must be on the State (or another State's) Price Agreement
- ODOT specified useful life minimum: 5 years / 150K miles

- Age of fleet currently being replaced: 12 years / 285K miles
- 234 renewable diesel cutaway buses (184 by end of FY24)
- 34 unleaded gasoline (84 by end of FY24)



State of Industry for Para-fleets

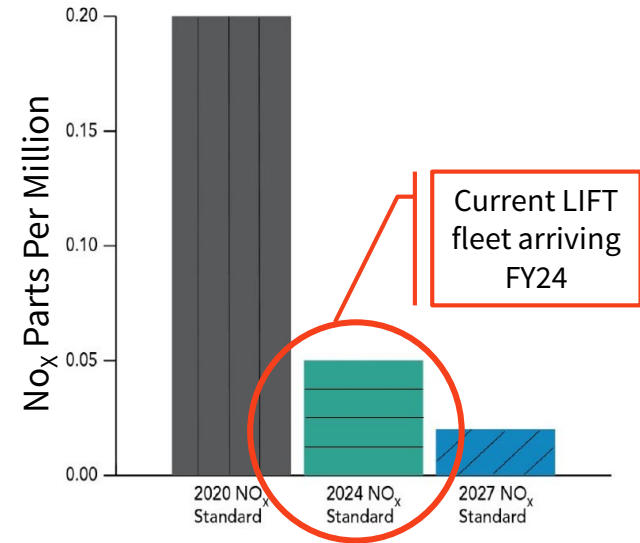
- Diesel cutaways are no longer manufactured in part due to on-going supply chain constraints, the challenge of accessing 99% renewable diesel (R99) in many parts of the country, and increased funding focused on low / no fueling options.
- Currently, only gasoline, compressed natural gas (CNG), and propane chassis are produced, with non-OEM battery electric options.
- TriMet evaluated CNG and propane over the last two years. At this time, neither option offers viable long-term solutions, in large part due to the investments necessary to implement with limited return.

LIFT Vehicle Service Needs

- LIFT cutaways operate in 10-hour shifts driving about 250-300 miles per day, seven (7) days a week.
- Currently available battery electric (BE) cutaways only allow for approximately 125 miles per charge.
- LIFT would need 2-3 times more cutaways, as well as operators to deliver service with BE cutaways.
- Additionally, LIFT facilities would need to be expanded and substantially built out to support any alternative fuel infrastructure.

Meeting the CARB Standard

- All new and on-order LIFT vehicles were approved for purchase in 2022, and
- Meet the most stringent California Air Resource Board (CARB) vehicle emission standards, and
- Deliver a 90% reduction in allowed nitrogen oxides, the most significant components of harmful air pollution.



Decarbonization of TriMet

Our AGENCY goal is to have a 100% zero-emission bus fleet by 2040.

TriMet is committed to a zero-emission future. LIFT vehicles are part of the solution. As we work to identify the best options for our region, LIFT is committed to employing progressive measures, including:

- Monitoring the emergence and availability of renewable gasoline,
- Evaluating technology advancements, like extended range for BE vehicles, and
- Ensuring future vehicle replacements continue to keep us moving toward our goal while still delivering the service our riders need.