



## **REQUEST FOR BIDS**

### **Transit Bus Exterior Panel Replacements**

**DULUTH TRANSIT AUTHORITY**

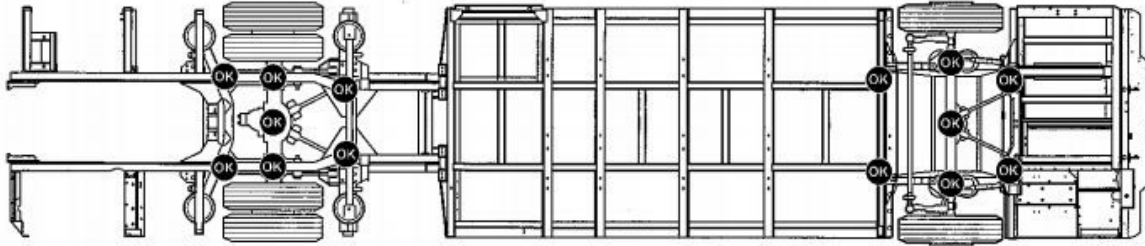
## **Addendum #1**

May 11, 2022

1. Clarifications:

- a. Please delete the references to the fasteners. No fasteners are required for this Bid.
- b. Please delete the reference to installation. The DTA will be installing the panels, no installation is required of the Bidder.

The 35 foot and 40 foot Gillig buses use the same lifting points but have different wheel bases. The 40 foot Gillig has a wheel base of 279 inches, and the 35 foot bus has a wheel base of 230. Both have the same Vehicle Weight of 25,000lbs and a GMVW of 39,600. Both use the same Meritor FH946 beam front axle and Neway H-frame in the rear.

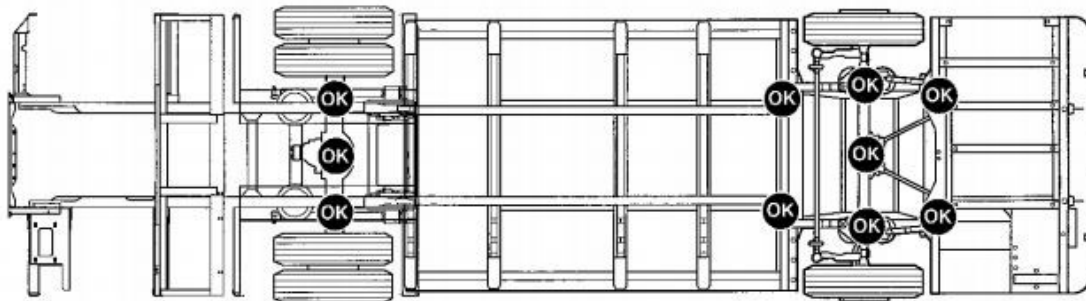


**Figure 1-6, Jacking Locations**

The hometown Trolleys (2) have a GVWR of 32,000lbs and a wheel base of 192 inches. They have a beam front axle and 4 air bag freightliner X-Ride rear suspension.

Gillig Trolley uses a meritor MFS12-155 beam front axle and a Neway ADLSD-120 Rear axle/suspension

The Vehicle weight is 22,000 lbs and a GMVW of 30,000lbs and a wheel base of 163 inches

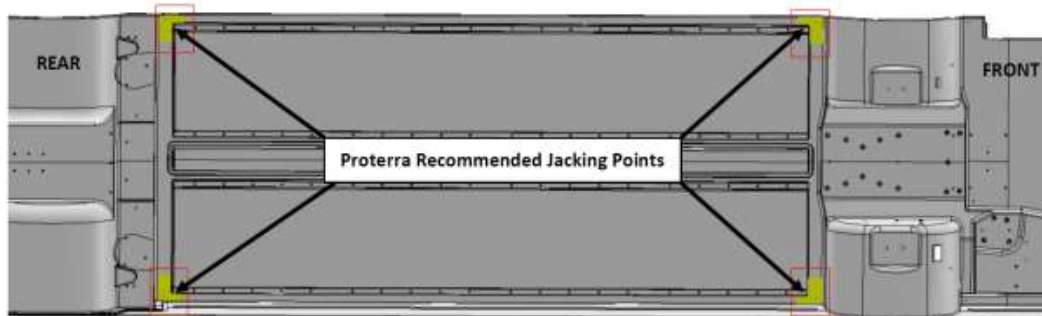


**Figure 1-6, Jacking Locations**

Proterra buses have lift points located on the body and are approx. 228 inches apart.

Bus curb weight is 33,000 lbs, and a GVW of 39,050 lbs. wheel base of 296 inches.

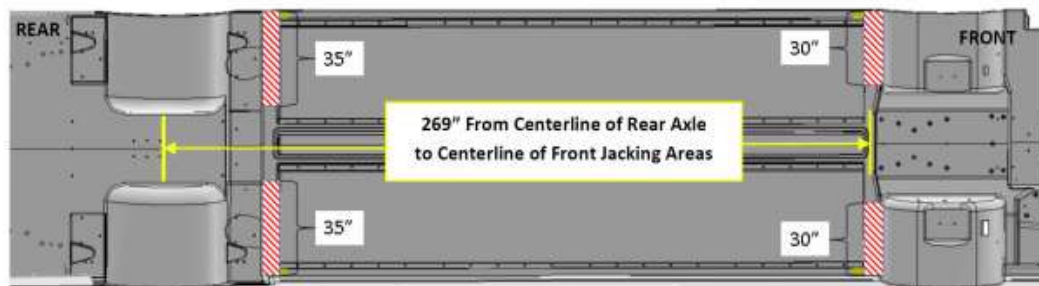
The locations shown below are the Proterra Recommended jacking/hoisting locations:



**Figure 21-2. Proterra Recommended Jacking Points**

**NOTICE!** If the Jacking Plates can't be used, the preferred method to lift the bus is by using the Rear Axle and the Front 30" Lifting Areas shown below. The 35" Rear Lifting Areas may also be used if you can't lift by the Rear Axle.

The bus may be picked up by the following locations, but **MUST** have a surface area of no less than 5 square inches per mounting pad that contacts the bus body. The zones shown below are acceptable lifting areas:



**Figure 21-3. Proterra Recommended Lifting Zones**