



## Gehl R165 – R190 / Manitou 1650R – 1900R **\*Requires 2" Wheel Spacer** (10 x 16.5) - Fitment Sheet – Page 1 of 3

### Overview: Review all dimensions for fitment before placing orders.

- The dimensions shown represent the **Standard D-Fender Design** fitment as mounted with the manufacturer's OEM tire size and rim offset.

#### IMPORTANT:

- Confirm if your machine is equipped with OEM tires and rims before placing your order.**
- If your machine is equipped with **aftermarket tires and/or rims**, please refer to **Pages 2 and 3** for information on ordering custom D-Fenders.

**Figure 1: Installed D-Fenders**

D-Fenders installed on OEM outfitted skidsteer loader.



**Figure 2: D-Fender Inside Diameter**

The inside diameter of the D-Fender is **fixed** and **CANNOT** be customized.



**Figure 3A: Outside Dimension**

Machine frame to the outside rubber edge of the D-Fender. - This dimension **CAN** be adjusted for custom orders.



**Figure 3B: Inside Dimension**

Machine frame to the inside of the D-Fender. This dimension is **fixed** and **cannot be customized**.

See Page 3 for the wheel spacer option if additional clearance is required for your setup.



## Aftermarket Tire/Rim Measuring Instructions – Page 2 of 3

**\*\* Accuracy Is Important \*\***

Figure 1: Tools & Best Practices for Accurately Completing the Diagram

**Tools Needed:** Measuring device, Straight edge

**Best Practices:**

- **Clean the tires and vehicle frame** before taking measurements.
- Take all measurements at the **lower portion of the frame where the axle attaches**.
- Use a **straight edge** to ensure your measurements are accurate and consistent.
- **Do NOT measure from access panels, bolts, or other components** that may affect the measurement.

Take measurements carefully and record them on the larger diagram provided on **Page 3**.

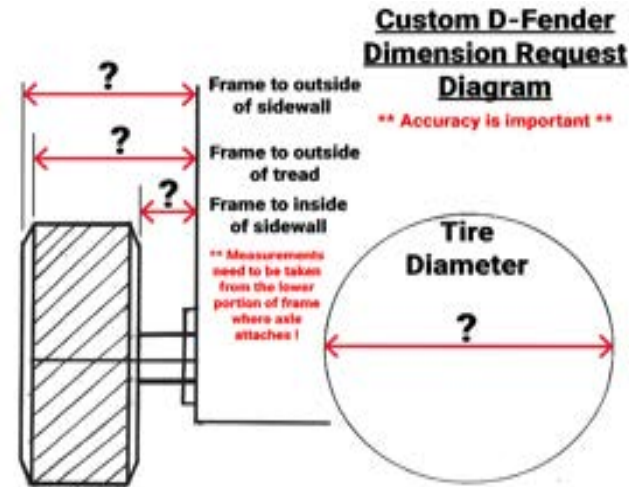


Figure 2: Outside sidewall measuring to frame.

- Push the straight edge **firmly against the outside sidewall of the tire**.
- Measure straight across to the **flat area of the frame**, as shown in the diagram.



Figure 3: Outside of tread measuring to frame.

- Hold the straight edge firmly against the **widest portion of the tire tread** and measure back to the **flat area of the frame**.
- It may be necessary to **angle the straight edge**, as shown in the image, to take the measurement low enough on the frame where the **axle attaches to the frame**.



Figure 4: Inside sidewall measuring to frame.

- Position the straight edge firmly against the **inside sidewall of the tire**, then measure from the straight edge to the **frame**.
- **A very narrow straight edge may be required** to reach the measurement area.
- **Important:** When using a narrow straight edge, be careful not to bend or flex it. Keep it straight and firmly positioned against the sidewall to ensure an accurate measurement.





## Customized D-Fender - Dimension Request Diagram - Page 3 of 3

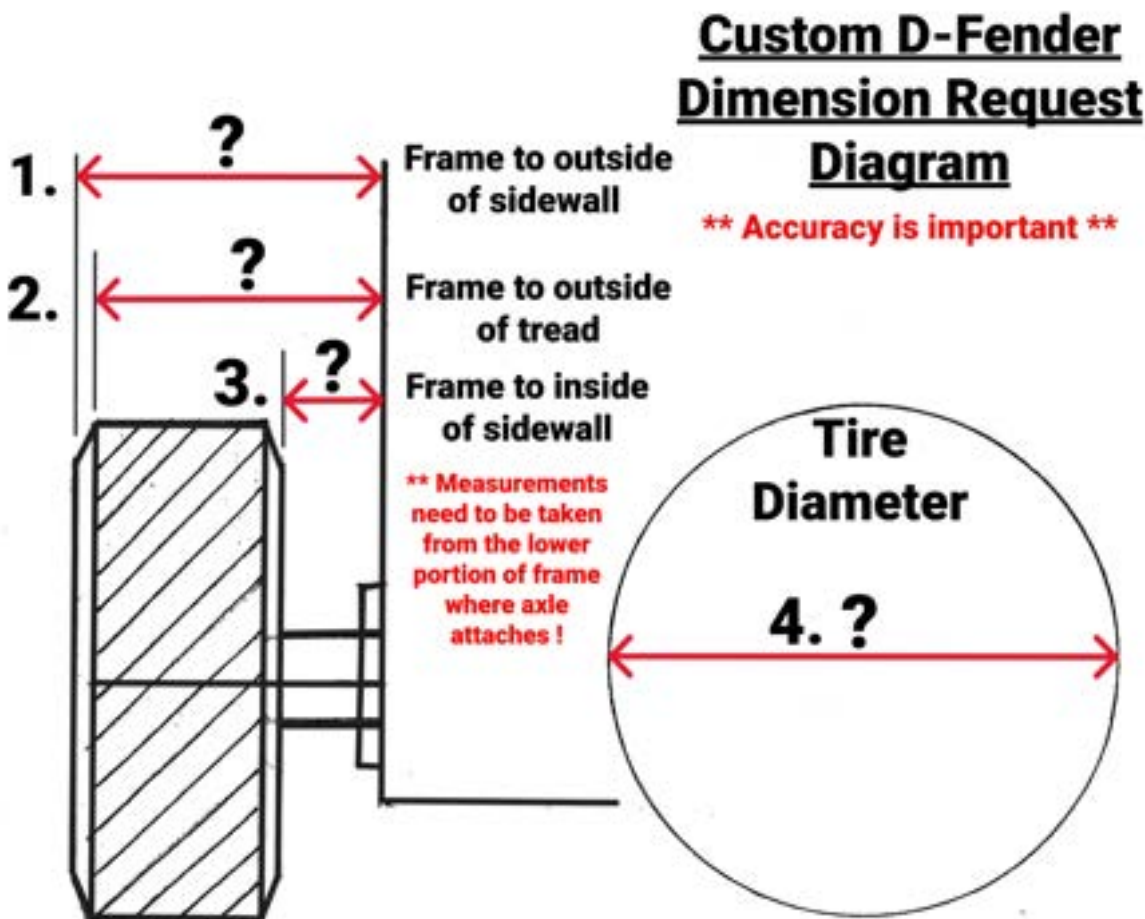
We can customize standard D-Fenders to fit your aftermarket tire and rim setup. Customization may include the below adjustments:

### Outside Sidewall of Tire:

- If your tire is wider than the standard design: The rubber belting edge of the D-Fender will be made wider to accommodate the additional tire width.
- If your tire is narrower than the standard design: The rubber belting edge of the D-Fender will be made narrower to match the tire.

### Inside Sidewall of Tire:

- If there is more clearance between the inside sidewall of the tire and the vehicle frame than the OEM setup: No customization is necessary. Your D-Fenders will simply have additional clearance between the tire and frame.
- If there is not enough clearance between the inside sidewall of the tire and the vehicle frame for D-Fender installation (see Page 1, Figure 3): 2" wheel spacers can be added to increase the distance between the tire and frame, creating the clearance needed to properly install the D-Fenders. **Important: 2" wheel spacers are sold separately.**



Measurements:

1. \_\_\_\_\_ inches

2. \_\_\_\_\_ inches

3. \_\_\_\_\_ inches

4. \_\_\_\_\_ inches