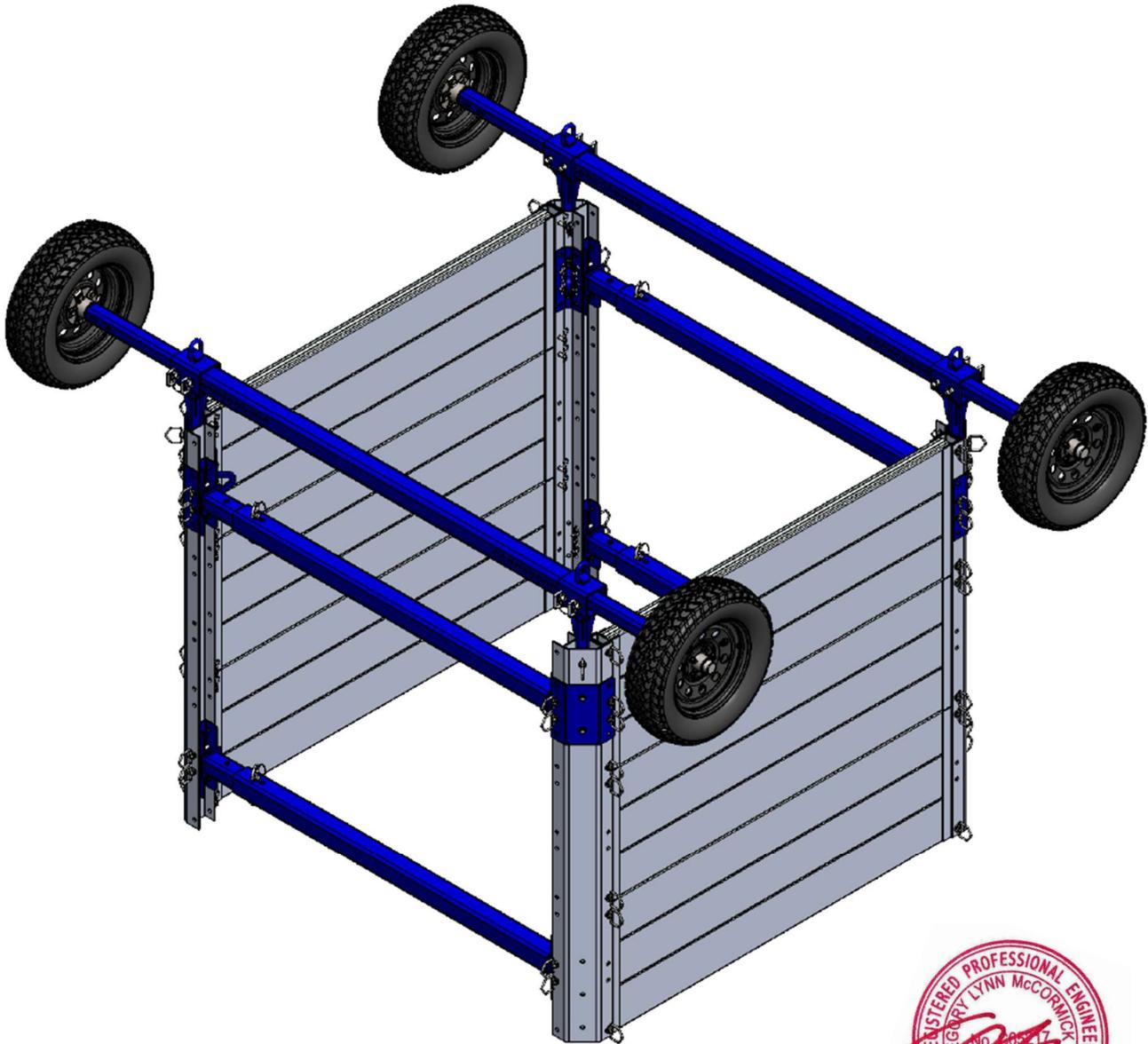


MAPS WHEEL KIT – RED-BLUE
TECHNICAL DATA
Effective February 12th, 2026



02/12/2026

Description

The Pacific Shoring Products Red-Blue MAPS Wheel Kit is a steel accessory for the Red-Blue Modular Aluminum Panel System (MAPS) that allows the shield system to be repositioned within an excavation, reducing manual handling and improving jobsite efficiency.

This technical data document shall be used in conjunction with **either**:

- the **Modular Aluminum Panel Systems Red-Blue Tabulated Data, or**
- the **Aluminum Panel Shield Systems Tabulated Data.**

Table 1. Red-Blue MAPS Wheel Kit Specifications		
Model Number	Working Range	Weight (lbs.)
10.6 PS-MP-WK-RB-2-4	2' to 4'	583
10.6 PS-MP-WK-RB-4-6	4' to 6'	643
10.6 PS-MP-WK-RB-7-9	7' to 9'	732
10.6 PS-MP-WK-RB-10-12	10' to 12'	821
Note: Weight reflects the weight of the Wheel Kit set and 4 lift brackets with pins.		

Usage Notes

1. The **maximum cumulative weight** of shields that can be attached to the Wheel Kit set is **6,170 lb** when used to support **Red-Blue MAPS** systems, **Red-Blue APS** systems, or **Red-Blue AMS** systems.
2. Shields shall be secured to the wheel kit using **two pins at each corner** (four corners total). When shields are stacked, each shield shall be connected to the adjacent shield at **all four corners** to maintain **alignment** and **stability**.
3. The Wheel Kit **may** be used with stacked shields provided that **all corner posts** are at least **4 ft** in height and the shields are connected with **approved stack pins** at each corner. All **stack connections** shall be installed to restrict **lateral movement** and **maintain system stability** during relocation.
4. Each **vertical axle-to-horizontal axle connection** shall be secured using **two pins per vertical connection point**.
5. A **3/4 in. × 5-1/4 in. Grade 1035–1045 hitch pin with keeper**, supplied by **Pacific Shoring Products**, shall be used to secure each **vertical axle** to the **horizontal axle**.
6. The Wheel Kit shall be pinned into the MAPS system at the designated connection points so the pin location sets the panels **4 in. above the top of excavation**, protecting workers and preventing runoff entry.
7. The **excavation wall** shall be no more than **6 in.** from the **outside face** of the system.
8. When used in a **sloped excavation**, **wheel chocks** shall be used to prevent **unintended movement**.
9. The Wheel Kit is intended for **static applications only**. Use in **dynamic applications** may damage the accessory.

Limitations

1. A **competent person on site** shall **verify** that the Red-Blue MAPS Wheel Kit is **securely fastened to the end posts**.
2. The Pacific Shoring Products Wheel Kit is **designed for use** with the **Red-Blue Modular Aluminum Panel System** and the **Red-Blue Aluminum Panel Shield System**, and the **Red-Blue Steel Framed Aluminum Shield**.
3. The **lifting points** on the Wheel Kit shall be used **only to maneuver the accessory**. They shall **not** be used to **lift or drag** the entire shield.
4. If the Wheel Kit is **damaged**, **replacement parts** shall be ordered **directly from Pacific Shoring Products** to ensure **compatibility** and that components meet **required load ratings** and **safety standards**.
5. For systems **exceeding 6 ft in height**, a **competent person** shall develop a **detailed assembly plan** to address **safe installation**, **proper alignment**, and **system structural integrity**.