



DIAMONDBACK®
CABLE & HOSE BRIDGE SYSTEMS

MODULAR CABLE & HOSE BRIDGE SYSTEM

ASSEMBLY INSTRUCTIONS

- Inspect areas for safety hazards
- Assemble sections by aligning female connectors over male connectors
- Use foot to work female connectors down around male connectors
- Test installation for intended use
- Periodically inspect installation

COMPONENTS FOR SINGLE TUNNEL OPTION

MODEL	DESCRIPTION	A-BRIDGE LENGTH	B-BRIDGE WIDTH	C-BRIDGE HEIGHT	D-TUNNEL DIAMETER	E-TUNNEL TOP WIDTH	F-TUNNEL BASE WIDTH	G-RAMP TOP LENGTH	H-RAMP BASE LENGTH	SYSTEM WEIGHT
UHB2025	Bridge for up to 3 in. Lines	34.75 in. (887 mm)	16 in. (406 mm)	3.88 in. (99 mm)	3 in. (76.2 mm)	5.38 in. (139 mm)	13.25 in. (338 mm)	14.75 in. (377 mm)	10.75 in. (275 mm)	32 lbs. (14.5 kg)
UHB3035	Bridge for up to 3.5 in. Lines	38.25 in. (976 mm)	16 in. (406 mm)	4.63 in. (118 mm)	3.5 in. (88.9 mm)	6.5 in. (166 mm)	14.38 in. (367 mm)	16 in. (408 mm)	12 in. (306 mm)	40 lbs. (18.1 kg)
UHB4045	Bridge for up to 4.5 in. Lines	44 in. (1118 mm)	16 in. (406 mm)	5.5 in. (141 mm)	4.5 in. (114.3 mm)	7.75 in. (198 mm)	15.63 in. (399 mm)	18.25 in. (466 mm)	14.25 in. (364 mm)	50 lbs. (22.7 kg)
UHB5060	Bridge for up to 6.5 in. Lines	60 in. (1530 mm)	16 in. (406 mm)	8.13 in. (208 mm)	7 in. (179 mm)	9.13 in. (233 mm)	18.25 in. (466 mm)	25.5 in. (651 mm)	20.88 in. (533 mm)	92 lbs. (41.7 kg)

Each Modular Bridge System Consists of 1 Tunnel and 2 Ramps.

COMPONENTS FOR MULTIPLE TUNNEL SYSTEMS

FOR 3" LINES (tunnel diameter 3.0")

MODEL	DESCRIPTION	A - LENGTH	B - WIDTH	C - HEIGHT	WEIGHT
UHB2025T (Each)	Tunnel only for up to 3 inch Lines	5.38 in. (139 mm)	16 in. (406 mm)	3.88 in. (99 mm)	15 lbs. (6.8 kg)
UHB2025R (Pair)	Ramps only for UHB2025T Tunnel	14.75 in. (377 mm)	16 in. (406 mm)	3.88 in. (99 mm)	18 lbs. (8.2 kg)
UHB2025TC (Each)	Tunnel Connector only for UHB2025T Tunnel	7.88 in. (201 mm)	16 in. (406 mm)	3.88 in. (99 mm)	11 lbs. (5.0 kg)

FOR 3.5" LINES (tunnel diameter 3.5")

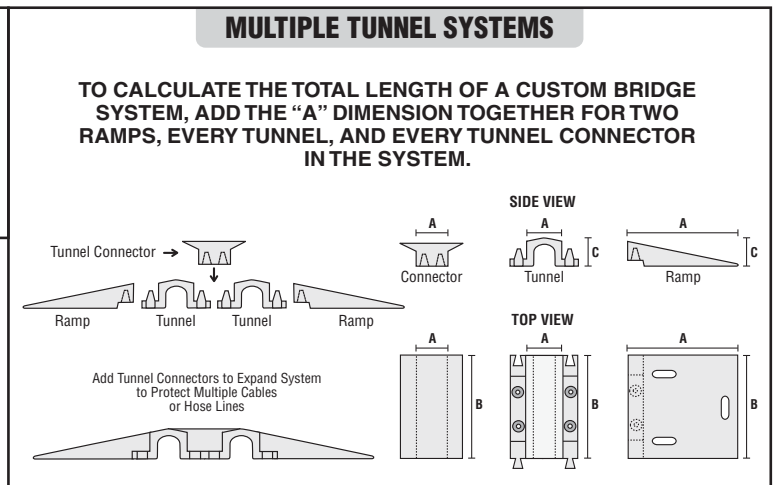
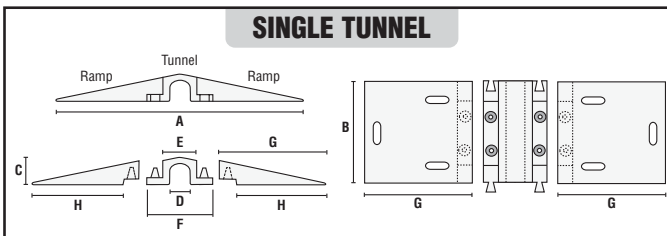
UHB3035T (Each)	Tunnel only for up to 3.5 inch Lines	6.5 in. (166 mm)	16 in. (406 mm)	4.63 in. (118 mm)	17 lbs. (7.7 kg)
UHB3035R (Pair)	Ramps only for UHB3035T Tunnel	16 in. (406 mm)	16 in. (406 mm)	4.63 in. (118 mm)	22 lbs. (10.0 kg)
UHB3035TC (Each)	Tunnel Connector only for UHB3035T Tunnel	7.88 in. (201 mm)	16 in. (406 mm)	4.63 in. (118 mm)	16 lbs. (7.3 kg)

FOR 4.5" LINES (tunnel diameter 4.5")

UHB4045T (Each)	Tunnel only for up to 4.5 inch Lines	7.75 in. (198 mm)	16 in. (406 mm)	5.5 in. (141 mm)	21 lbs. (9.5 kg)
UHB4045R (Pair)	Ramps only for UHB4045T Tunnel	18.25 in. (466 mm)	16 in. (406 mm)	5.5 in. (141 mm)	30 lbs. (13.6 kg)
UHB4045TC (Each)	Tunnel Connector only for UHB4045T Tunnel	7.88 in. (201 mm)	16 in. (406 mm)	5.5 in. (141 mm)	21 lbs. (9.5 kg)

FOR 6.5" LINES (tunnel diameter 7.0")

UHB5060T (Each)	Tunnel only for up to 6.5 inch Lines	9.13 in. (233 mm)	16 in. (406 mm)	8.13 in. (208 mm)	32 lbs. (14.5 kg)
UHB5060R (Pair)	Ramps only for UHB5060T Tunnel	25.5 in. (651 mm)	16 in. (406 mm)	8.13 in. (208 mm)	58 lbs. (26.3 kg)
UHB5060TC (Each)	Tunnel Connector only for UHB5060T Tunnel	7.88 in. (201 mm)	16 in. (406 mm)	8.13 in. (208 mm)	26 lbs. (11.8 kg)



LOAD CAPACITY: The Bridge System has different load supporting capabilities depending on type of vehicle and temperature. Suitability must be verified by testing under actual conditions.

OPERATING TEMPERATURE: -40°F to 120°F (-40°C to 48°C)

CHEMICAL RESISTANCE: Tested for compatibility with common motor oils, gasoline and diesel fuel. Limited resistance to brake fluids and other chemicals.

MATERIAL: UV-stabilized polyurethane elastomer

WARNING!

- ▶ Vehicles crossing bridge system must have clearance of greater than bridge height.
- ▶ Cable/Hose Bridges are for rubber tired vehicles only and not for equipment with metal tracks.
- ▶ Cable/Hose Bridges do not prevent abrasion to cable/hose from below.

MODEL NUMBER	MAXIMUM LOAD PER TIRE - 75°F (23.9°C)
UHB2025	23,700 lbs. (10,750 kg)
UHB3035	19,800 lbs. (8,981 kg)
UHB4045	19,300 lbs. (8,754 kg)
UHB5060	17,100 lbs. (7,757 kg)



MODULAR CABLE & HOSE BRIDGE SYSTEM

MODULAR CABLE & HOSE BRIDGE SYSTEM INSTALLATION INSTRUCTIONS

DIAMONDBACK® modular bridge systems are intended to reduce the possibility of damage to cable and hose lines that are subject to heavy vehicular traffic. They are intended for temporary installations only and must be in accordance with all applicable building and safety codes.

CAUTION: MISUSE CAN CAUSE ELECTRICAL SHOCK AND INJURY

- DO NOT use as work surface. NO CUTTING, NO DRILLING, NO HAMMERING.
- Use with momentary loads only, DO NOT place ladders, scaffolds, or any type of structure on the system.
- Avoid concentrated loads.
- Use only on a stable surface. Inclined surfaces, slippery surfaces and broken ground can cause injury.
- This system can be a trip hazard to pedestrian traffic if they are unaware of its presence.
- Keep the DIAMONDBACK® bridge system clean and bright.
- Load-supporting capacity varies by type of vehicle and Bridge System model. Large diameter Bridge Systems may not be suitable for vehicles with small tires and/or low ground clearance. The load capacity decreases in warm environments. Test use and inspect periodically.
- Polyurethane is attacked by some chemicals. Always test a small amount for chemical compatibility before using and follow maintenance procedure.
- Vehicular traffic must pass over this system slowly and with caution.

MAINTENANCE

- Store in a clean dry area.
- Inspect system for damage and replace it if damaged. Remove any foreign materials, solids and liquids. Keep clean by using a detergent and water solution.

WARRANTY AND LIABILITY

LIMITED WARRANTY: EJ Safety guarantees the products it manufactures or sells against defects in workmanship and material for a period of one (1) year from the date of shipment or date of invoice, whichever is later. The product must be used, maintained and installed according to the instructions and procedures provided, or this warranty is void. Any alteration or modification of the product will also void this warranty. **EJ SAFETY'S OBLIGATION UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS.** No other warranty or remedy shall be provided. This warranty specifically does not guarantee or cover payment or reimbursement of any damages or consequential damages beyond the above.

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Ver: 2/09

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