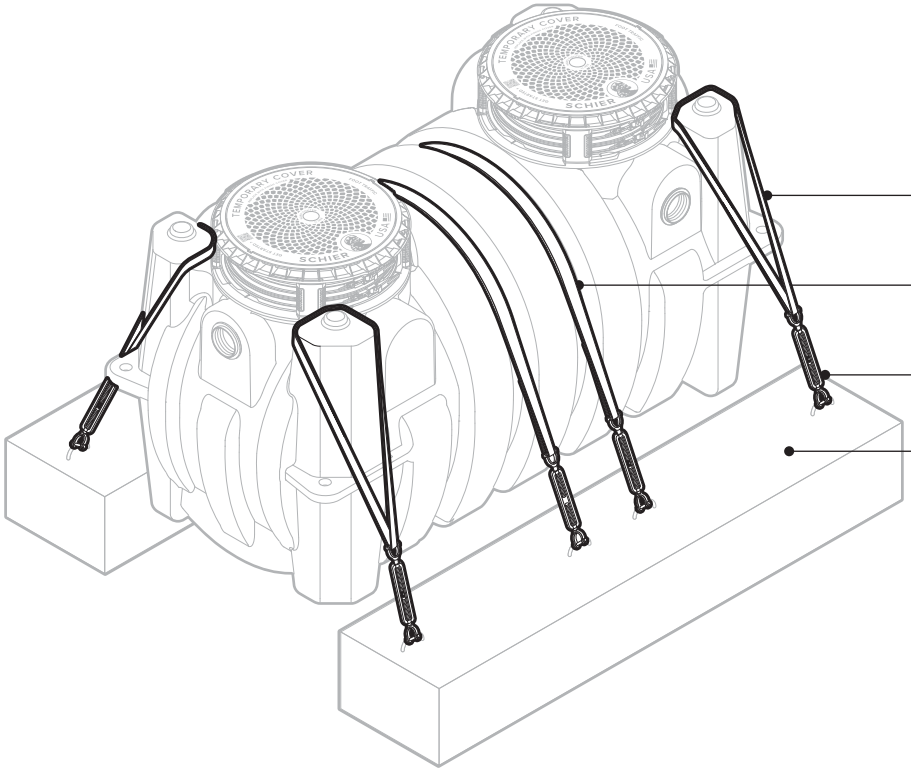
SPECIFICATION AND INSTALLATION GUIDE

Failure to follow this guidance will void your warranty

AK2

Anti-flotation anchor kit for use with grease interceptor model GB-500 and solids interceptor model SI-500



Polypropylene sling-style corner tie-down straps (x4)

Polypropylene sling-style over-tank tie-down straps (x2)

Galvanized jaw-jaw turnbuckles (x8)

CSI concrete deadmen anchors (by others) (x2)

Engineer Specification Guide:

Anti-flotation anchor kit for use with model GB-500/SI-500 and CSI concrete deadmen anchors with a total weight of 4,000 lbs. To consist of (6) polyester sling style tie-down straps rated for 2,200 lb. working load each and (8) galvanized steel jaw-jaw turnbuckles rated for 2,200 lb. working load each. Installer to provide concrete deadmen anchors per AK2 Installation Instructions.

Notes

1. Galvanized steel jaw-jaw turnbuckles.
2. Polypropylene tie-down straps.
3. Unit weight: 19 lbs.

Examine product for damage and read all instructions prior to installation.

Please report significant damage to customer service at (913)-951-3300.
Warranty is void if a damaged product is installed, or if the product is not installed in conformance with all local codes.
Schier recommends installation only by a licensed plumber.

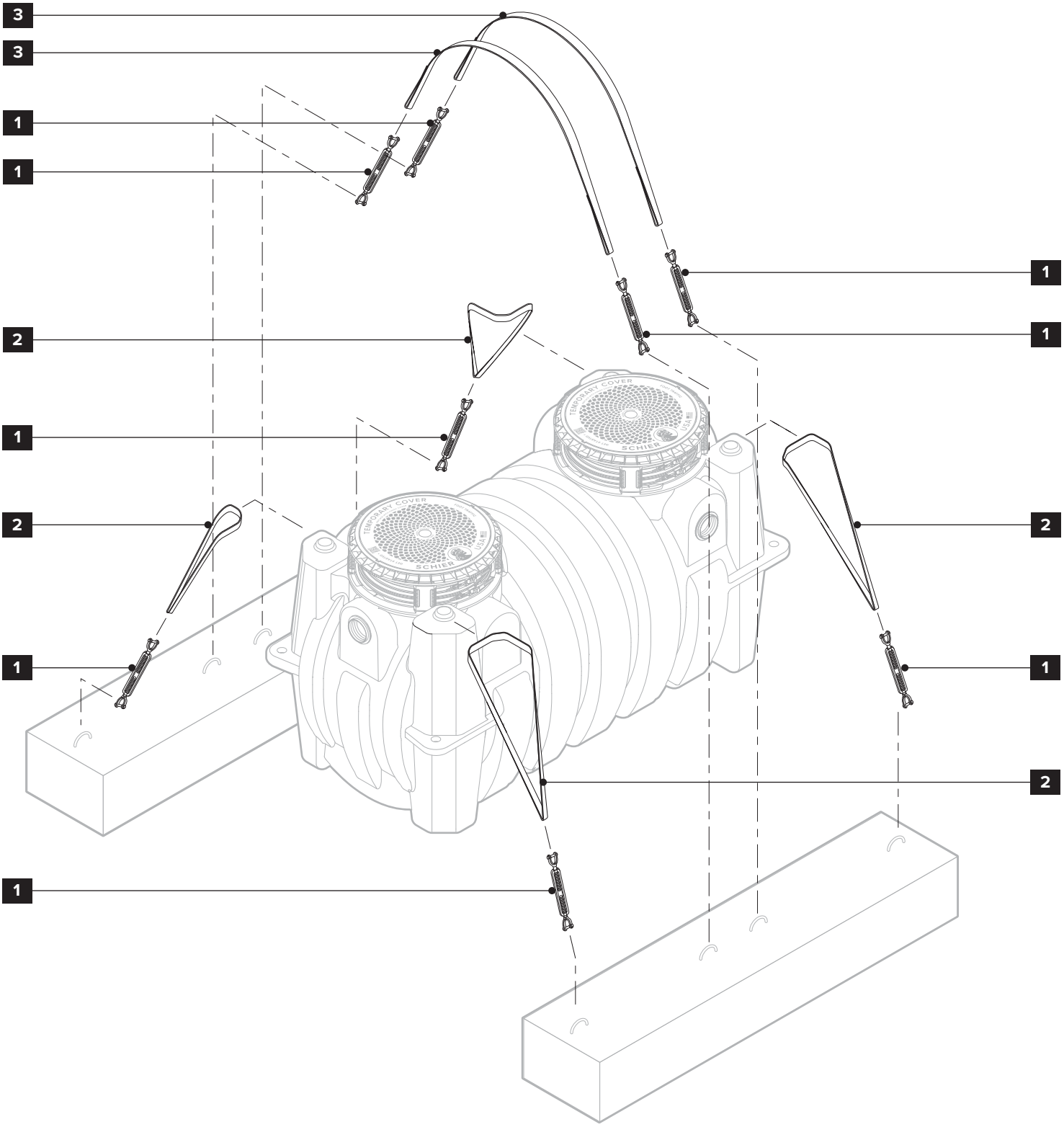
SCHIER

MODEL NUMBER: AK2	DESCRIPTION: Anti-flotation Anchor Kit		
PART #: 8020-005-01	DATE: 02/25/2026	REV:	ECO:

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GETTING TO KNOW THE AK2



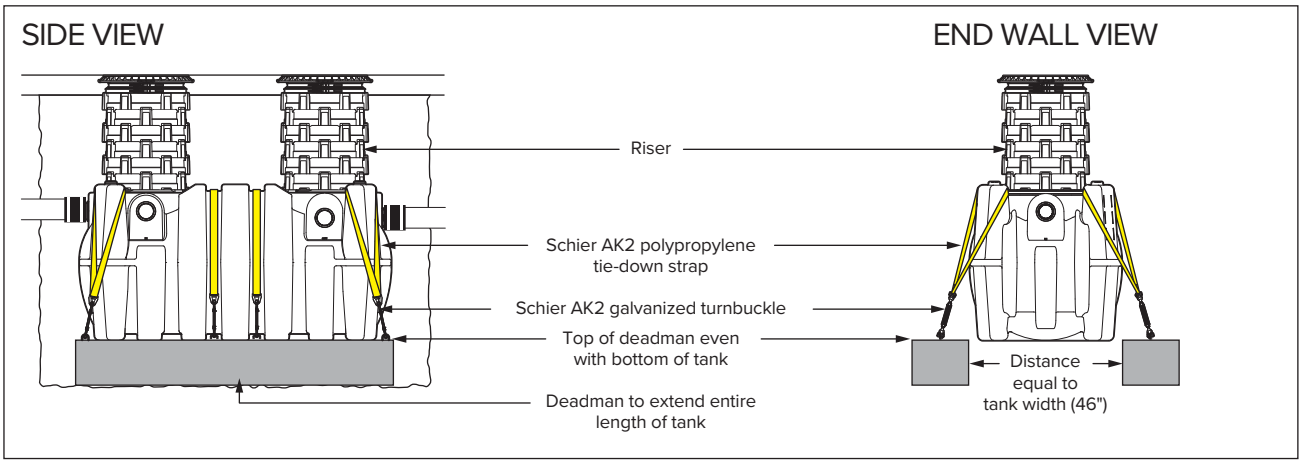
1. Jaw-jaw galvanized turnbuckle (x8)

2. Polypropylene "corner" straps (x4)

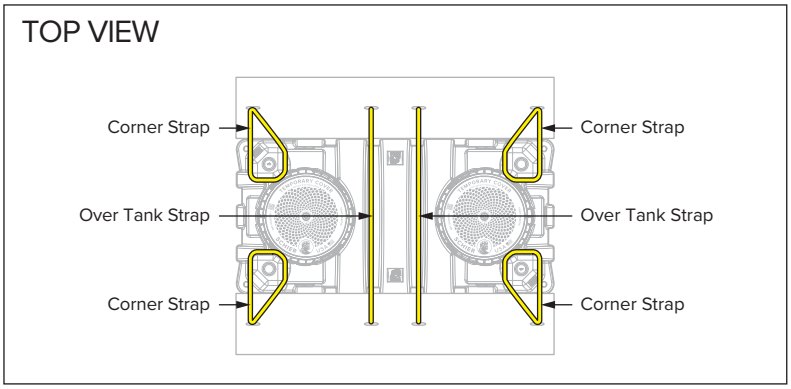
3. Polypropylene "over-tank" straps (x2)

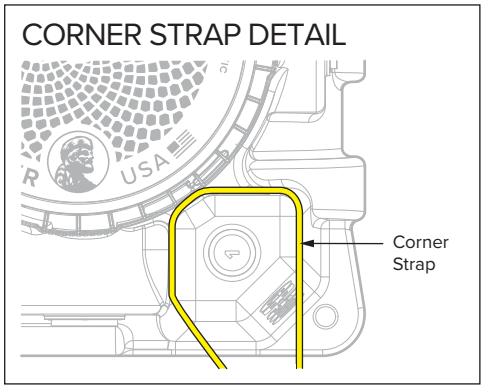
INSTALLATION

GENERAL ARRANGEMENT



ANCHOR STRAP PLACEMENT

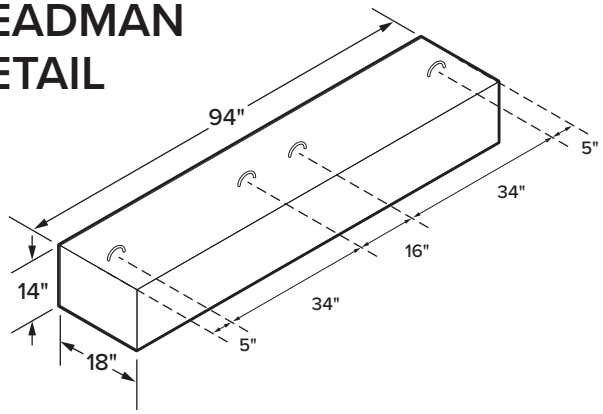




- Place straps as shown
- One strap per anchor point
- Place deadmen anchors parallel to tank
- Fill tank with water prior to anchoring and backfill
- Tighten turnbuckles on each strap until strap is taut.
- Note all excavation and backfill instructions in tank installation document

NOTE: For legacy models (without a blue or green tank ring), ensure that tie-down strap does not touch riser or mastic or tank to riser seal will be compromised.

DEADMAN DETAIL



- 94" long (or 2 - 47" deadmen)
- 4,000 PSI concrete
- Reinforced with #4 rebar
- Galvanized tie-down loops spaced as shown (#4 rebar/set 12" into deadmen)
- 2,000 lbs. per deadman. GB-500 requires (2) 94" deadmen anchors; or (4) 47" deadmen for a total of 2,000 lbs. on each side of tank