



INSTALLATION GUIDE

STEP 1.) Measure length of body/trailer; measure length of liner.

STEP 2.) Cut liner length 1/2" per 10' in 'cold loads', 1" per 10' in 'asphalt'.

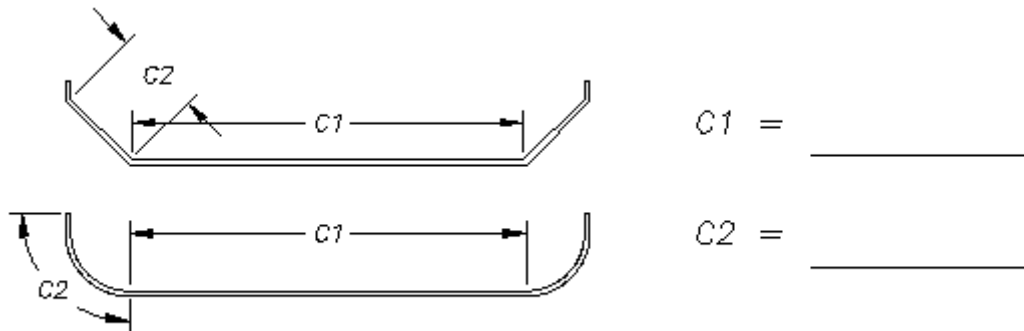
example: body/trailer length = 20', 'cold load' liner length = 19' 11",
 'asphalt' liner length = 19' 10"

STEP 3.) Cut out the doghouse/bulkhead from the liner.

- a.) Helpful hint: Make a cardboard template for one side of the doghouse, flipping the template over should match the other side of the doghouse.
- b.) Mark centerline of liner and body/trailer floor, both front and rear.
- c.) Measure the length and width of doghouse, mark accordingly from the centerline mark on front of liner.
- d.) Align your cardboard template (step 3a) with the front edge of liner and doghouse markings (step 3c) and draw your pattern to cut from.
- e.) Cut your doghouse/bulkhead pattern with a circular saw.

STEP 4.) Score the liner (3/8" and 1/2" thick liners only).

- a.) Measure the distance between cleanouts, "C1".
- b.) Measure the distance of the cleanout width, "C2".



- c.) Mark your dimensions on the liner, front and rear, and snap a chalk line the length of the liner between dimensions.
- d.) Set your circular saw depth to score at 2/3 the thickness of the liner.
 example: 3/8" liner = 1/4" deep score.
 1/2" liner = 5/16" deep score.
 suggestion: Test your score depth on a scrap piece of liner from step 3e.
- e.) Score the liner on the chalk lines made in step 4c.

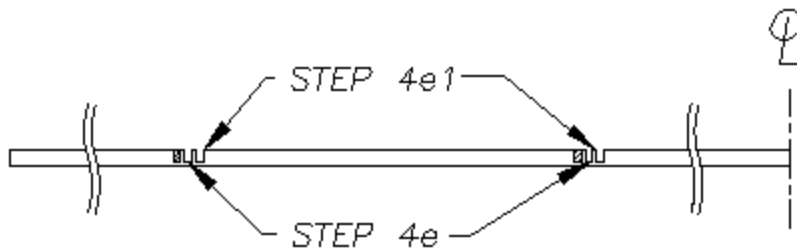
45 degree cleanout with 3/8" thick liner

- 1.) Make an additional score 1/8" from scores made in step 4e toward centerline of liner (see example).



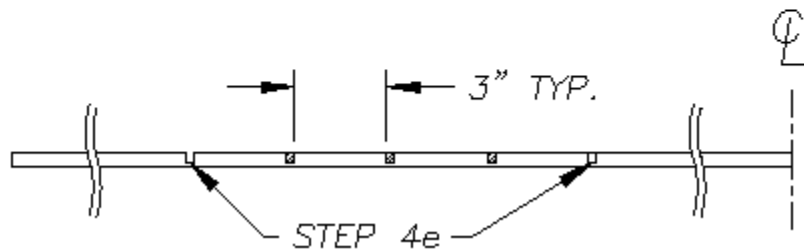
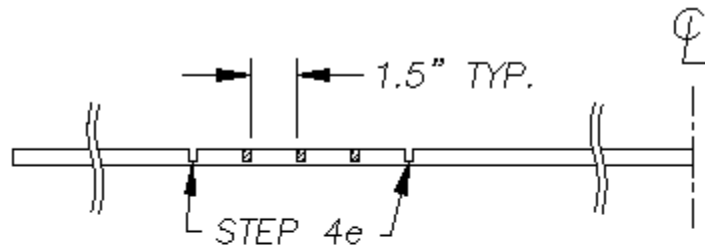
45 degree cleanout with 1/2" thick liner

- 2.) Follow step 4e1 above, then add an additional score opposite of step 4e1 (see example).



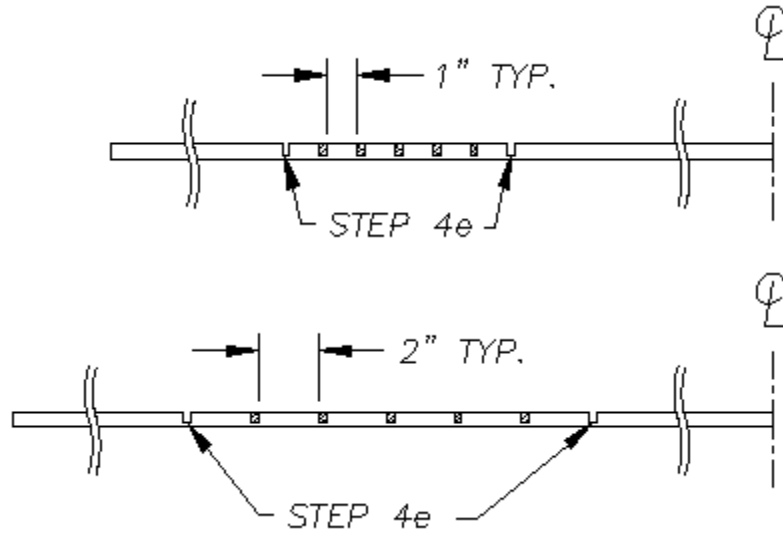
Radius Cleanouts w/3/8" thick liner

- 1.) Use the chart to properly space your scores
6" Radius = 1-1/2" space between scores
12" Radius = 3" space between scores



Radius Cleanouts w/1/2" thick liner

- 1.) Use the chart to properly space your scores.
6" Radius = 1-1/2" space between scores
12" Radius = 3" space between scores



90° degree corners (body/trailer w/no cleanout plates) 3/8" thick

- 1.) 4 scores, 1/8" apart, centered on 90° degree corner

90° degree corners (body/trailer w/no cleanout plates) 1/2" thick.

- 1.) 5 scores, 1/8" apart, centered on 90° degree corner.

STEP 5.) Fold the liner (suggested tools: C-clamps, come-a-long ratchet)

- a.) Place 2 C-Clamps (1 on each side of liner) 5' – 6' from front of liners.
- b.) Place 2 more C-Clamps (1 on each side of liner) 6' from C-Clamps placed in Step 5a.
- c.) Connect Come-A-Long/Ratchet Strap to C-Clamps in Step 5a and draw tight the liner into a U-shape.
- d.) Repeat Step 5c on the C-Clamps placed in Step 5b.

STEP 6.) Install the liner into the body/trailer (suggested tools: forklift, overhead hoist/crane, loading dock, 4-6 strong men)

- a.) Remove, swing, or raise the tailgate in order to slide the liner in the body/trailer. It is recommended that removing the tailgate is safest if it is not hydraulically operated.
- b.) Slide the liner into the body/trailer with one or a combination of the above suggested tools.
- c.) Once your liner is completely inside the body/trailer, release and remove your Come-A-Long/Ratchet straps and C-Clamps used in Step 5.

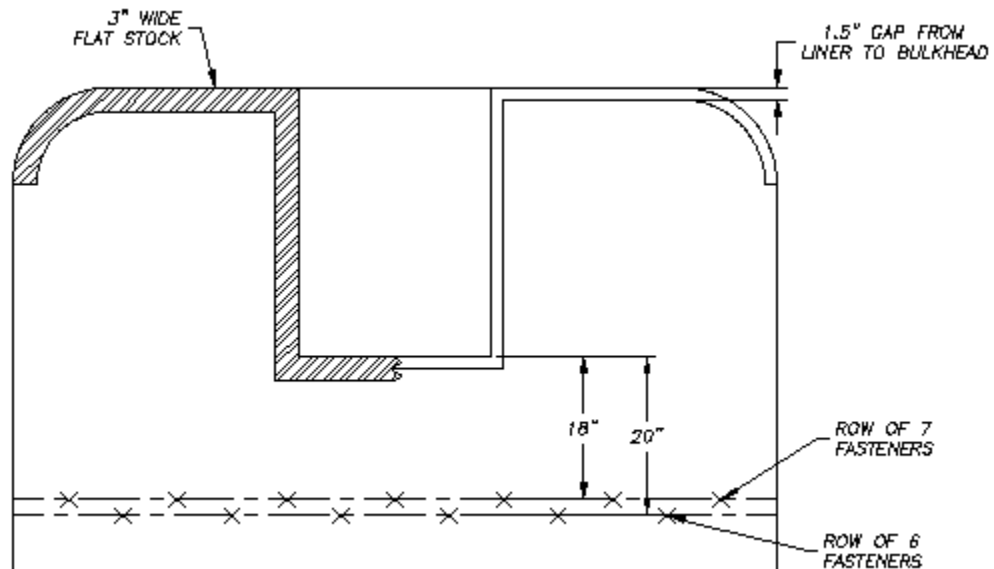
STEP 7.) Center and secure the liner. (S6: drill, 5/16" drill bit, 1/2" wrench, T-40 torx)

- a.) Center the liner with the body/trailer using the centerline marks made in Step 3b.
- b.) Secure the liner to the floor at the rear of the body/trailer with a C-Clamp. If it is not possible to use a C-Clamp, run a self-tap screw through the liner to the floor. Note: if the self-tap screw method is used, it is important to remove the screw when installation of the liner is finished.

STEP 8.) Bolt the liner to the floor.

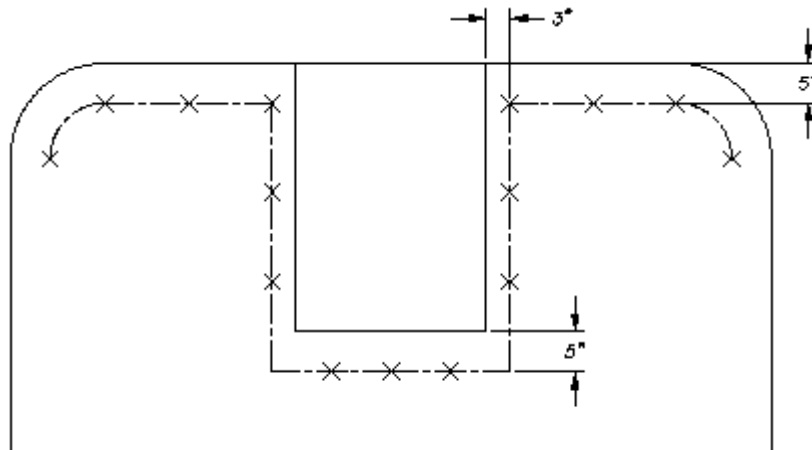
Asphalt installation (use diagram Q1 to reference step a-h)

- a.) Space the front edge of the liner 1-1/2" from the bulkhead of the body/trailer. In this step you will need to cut an additional 1" off the rear of liner.
- b.) Using a tape measurer, Measure 18" from the rear of the doghouse toward the rear of the liner and make a mark. Measure an additional 2" from the 8" mark (20" from doghouse).
- c.) Draw a line across the liner (side to side) at the 18" and 20" marks.
- d.) On the 18" liner, mark the center, mark each side 5" inward from the innermost score, then evenly space 2 marks on each side between center and side marks (total of 7 marks on 18" liner).
- e.) On the 20" line, make marks evenly between marks made in Step 8d. (total of 6 marks on 20" liner).
- f.) Drill 5/16" holes on all 13 marks made in Steps 8d & 8c.
- g.) Nut & bolt tight holes made in Step 8f.
- h.) Weld 3" wide flat-stock around the bulkhead & doghouse on top of the liner.



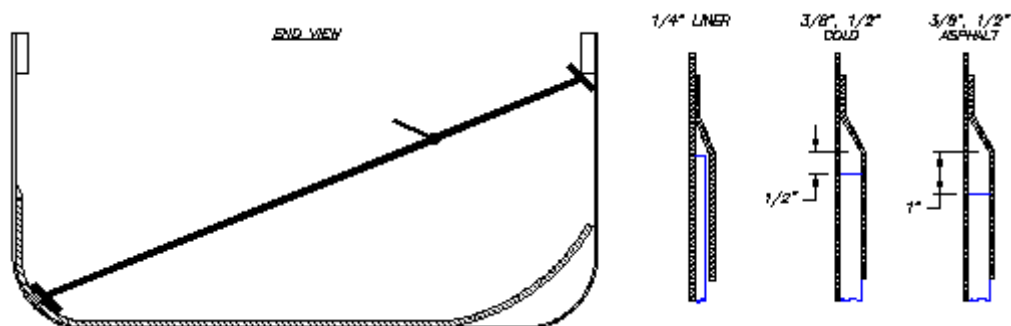
Cold Load Installation (Use diagram Q2 to reference steps a-h)

- Make sure front edge of liner is as close to the bulkhead & doghouse as possible
- Draw a line 5" from front edge of liner and behind doghouse behind.
- Draw a line 3" from edge on each side of doghouse
- Evenly space 3 marks on all 3 lines drawn in Step 8b
- Evenly space 2 marks on both lines drawn in Step 8c
- Drill 5/16" holes on all 13 marks made in Steps 8d & 8e
- Nut & bolt tight holes made in Step 8f.
- Weld 3" wide flat stock around the bulkhead & doghouse on top of the liner.



STEP 9.) Install leading edge protector

- Compress the liner (one side at a time) (see fig. 1) to the floor using load jacks or Port-A-Power(s), the length of the B/T.
- Weld, bolt or glue the leading edge protector to the sidewall of the B/T. For proper placement use diagrams below. NOTE: It is recommended that if you bolt or weld only behind the exterior posts, to apply silicone between the sidewall and the leading edge protector.
- Repeat Steps 9a & 9b on opposite side of B/T.



STEP 10) Remove self-tap screw (if used in Step 7b)