



**Vanleigh RV Inc.**

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Burnsville, MS 38833

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## TECHNICAL SERVICE BULLETIN

### VS-04: Correction of Grey Tank Drain

November 3, 2021

Dear Vanleigh RV Owner,

It has come to our attention that some 2021 Vilano and Beacon 5<sup>th</sup> wheel RV's were manufactured with the gate valves arranged in such a way that the black and the grey valves must be open to drain the gray tank.

To correct this issue, we are asking owners to arrange to take their RV into a service center or dealer of their choice to have the plumbing of the gray tank corrected. This repair will take approximately 7 hours and will be completed at no charge to you, the owner of the RV.

If you have any questions about this notice, please contact the Vanleigh Warranty Department at [warranty@vanleighrv.com](mailto:warranty@vanleighrv.com) or by phone at 662-331-2933.

We regret any inconvenience this action may cause, but feel certain you understand our interest in your continued use and enjoyment of your 5<sup>th</sup> Wheel RV.

Thank you,

Vanleigh RV



**TECHNICAL SERVICE BULLETIN INSTRUCTIONS**

**TSB #:** VSB-04

**Models Involved:** 2021 Beacon 390LK and Vilano 41LKB Fifth Wheels built between October 15, 2020 and December 10, 2020.

**Purpose:** To provide instructions on how to repair the termination valve for proper operation of the gray tank valve.

**TOOLS NEEDED:**

Pry Bar  
Pipe Cutter  
ABS Pipe Cement

**PARTS NEEDED:**

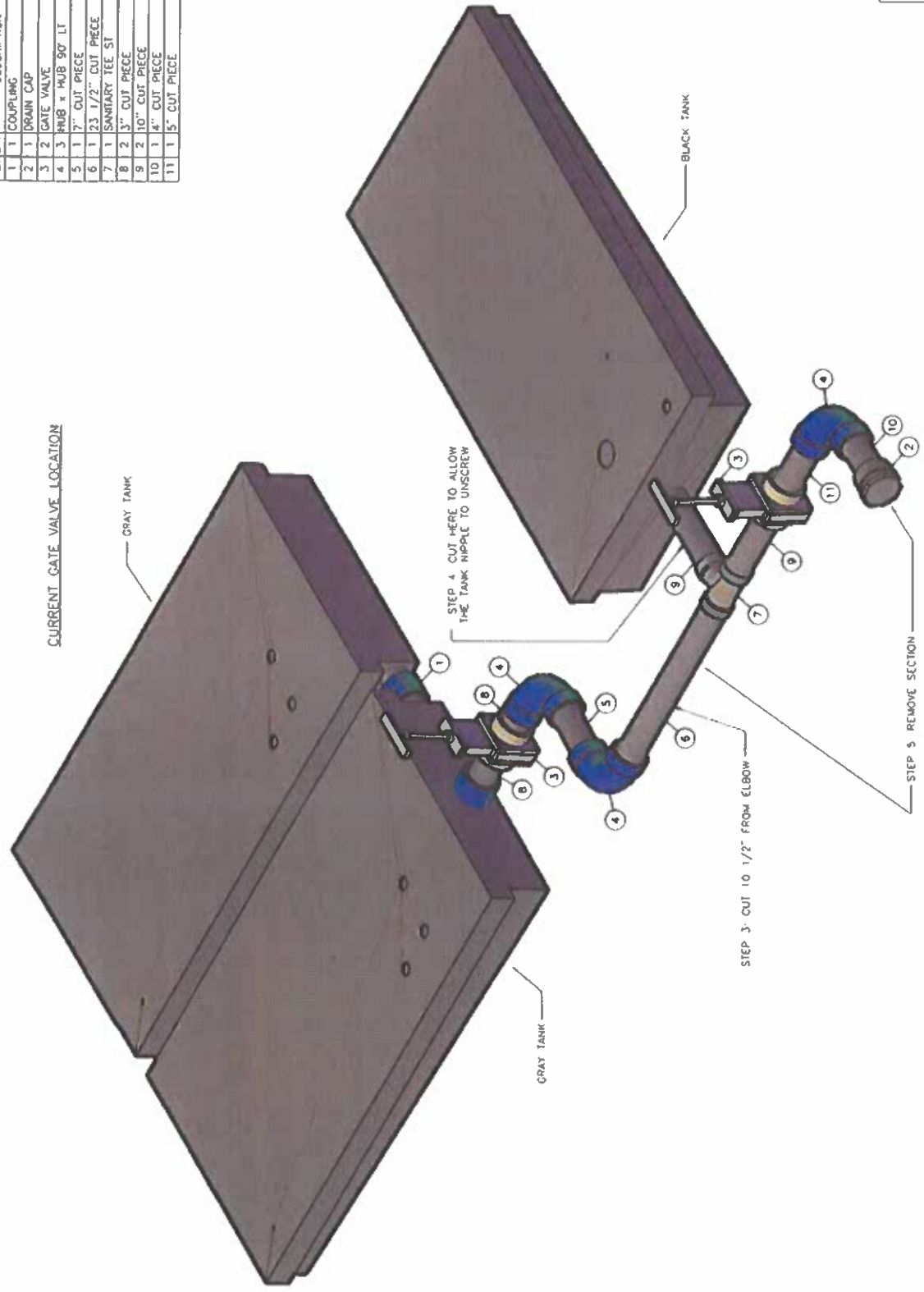
Parts Kit #KIT-SB042021

Use flat rate code SB10499A for a total of 7 hours.

**REPAIR PROCEDURE:**

1. Make sure both the gray and black tanks are empty before making any repairs to the drain system.
2. Loosen the black laminated plastic from the frame to access the drain system.  
  
*Note: Please reference the two (2) prints enclosed with these instructions. The steps on the print correspond to the steps in these written instructions.*
3. Cut the drain pipe coming from the gray tanks 10 ½" away from the 90° elbow.
4. Cut the pipe connecting the sanitary tee to the black tank. This will allow the technician to unscrew the gate valve from the black tank.
5. Remove the cut section from the black tank and disconnect the wires from the valve.
6. Screw in new ABS 3" pipe nipple on the black tank. Install the new gate valve at the front of the tank and connect the existing wires.
7. Add and glue a 5" piece of ABS black pipe to valve.
8. Add and glue a sanitary tee with a 10" piece on the gray tank side of the drain system. Glue the pipe coupling to the 10" piece of ABS pipe. Make sure the sanitary tee bend flows the correct direction, towards the drain.
9. Assemble the 18" piece of ABS pipe with the 90° elbow, the 4" piece of ABS pipe, and the drain cap.
10. Connect the assembly from step 7 to the sanitary tee.
11. Test the gate valves and drain system.
12. Recover the frame with black laminated plastic.

ITEM QTY	DESCRIPTION	MATERIAL	NOTE
1	1 COUPLING	3" ABS FITTING	
2	1 DRAIN CAP	3" ABS FITTING	
3	2 GATE VALVE	3" ABS FITTING	
4	3 HUB x HUB 90° LT	3" ABS FITTING	
5	1 7' CUT PIECE	3" ABS PIPE	
6	1 23 1/2" CUT PIECE	3" ABS PIPE	
7	1 SANITARY TEE ST	3" ABS FITTING	
8	2 3" CUT PIECE	3" ABS PIPE	
9	2 10" CUT PIECE	3" ABS PIPE	
10	1 14" CUT PIECE	3" ABS PIPE	
11	1 15" CUT PIECE	3" ABS PIPE	

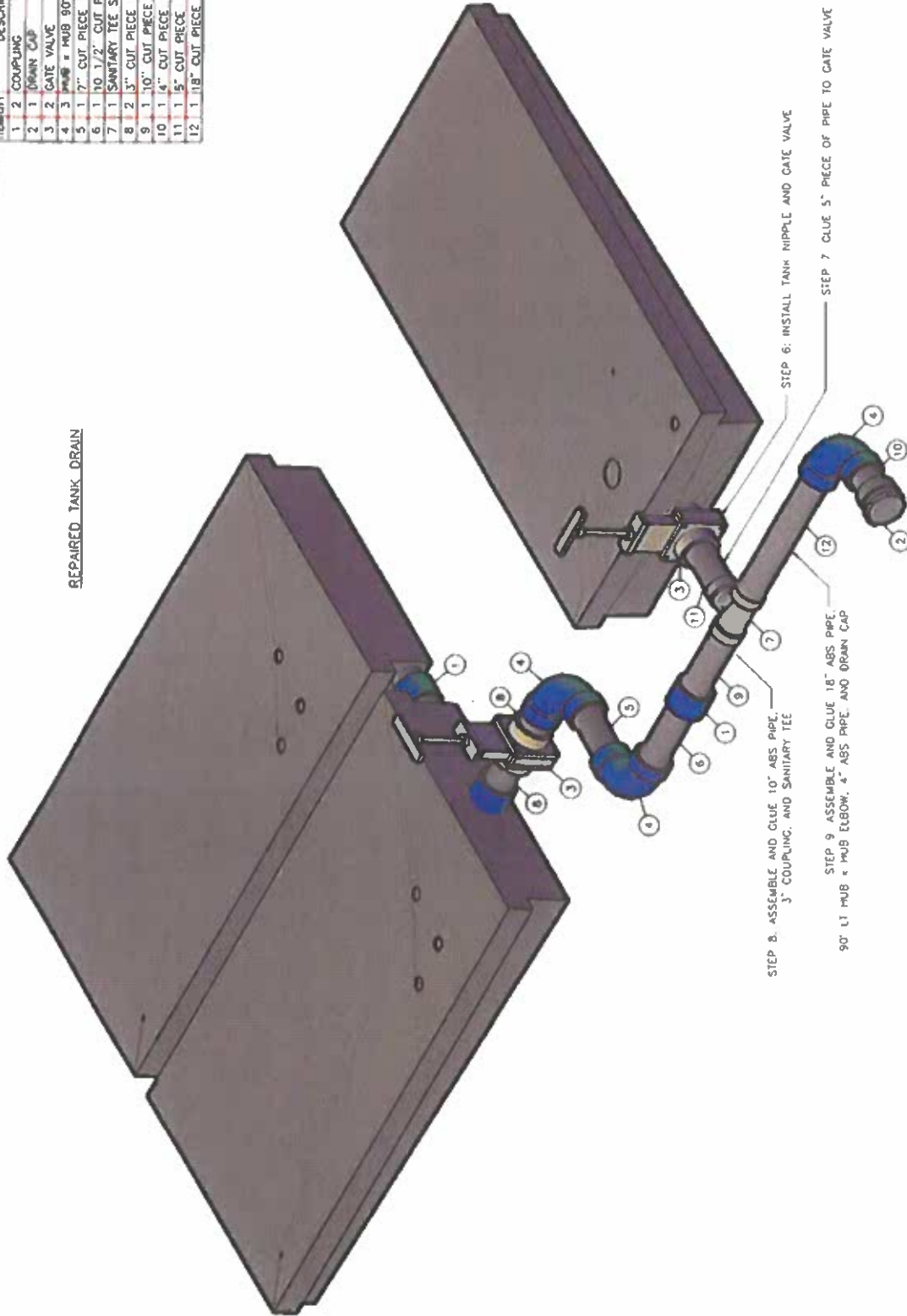


Vanleigh RV Inc.  
 28 Industrial Drive  
 Burnsville, MS 38823

TITLE: BLACK/GRAY TANK DRAIN	
Model: 3800/4111/8	Auth: BLAISE W/000
Created: 07/24/2020	Date: 07/24/2020
Mat #	Draw: 720-039
Sheet #	Rev #

REPAIRED TANK DRAIN

ITEM #	DESCRIPTION	MATERIAL	NOTE
1	2 COUPLING	3" ABS FITTING	
2	1 DRAIN CAP	3" ABS FITTING	
3	2 GATE VALVE	3" ABS FITTING	
4	3 MUB = MUB 90° LT	3" ABS FITTING	
5	1 17" CUT PIECE	3" ABS PIPE	
6	1 10 1/2" CUT PIECE	3" ABS PIPE	
7	1 SANITARY TEE ST	3" ABS FITTING	
8	2 13" CUT PIECE	3" ABS PIPE	
9	1 10" CUT PIECE	3" ABS PIPE	
10	1 14" CUT PIECE	3" ABS PIPE	
11	1 15" CUT PIECE	3" ABS PIPE	
12	1 118" CUT PIECE	3" ABS PIPE	



STEP 8. ASSEMBLE AND GLE 10" ABS PIPE, 3" COUPLING, AND SANITARY TEE

STEP 9 ASSEMBLE AND GLE 18" ABS PIPE, 90° LT MUB & MUB ELBOW, 4" ABS PIPE, AND DRAIN CAP

STEP 6: INSTALL TANK NIPPLE AND GATE VALVE

STEP 7 GLE 5" PIECE OF PIPE TO GATE VALVE

REV	BY	DATE	DESCRIPTION
A	IMBB	9/27/2021	REVISED TO ALLOW TANKS TO DRAIN INDEPENDENTLY.

Vanleigh RV Inc.  
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Burrhead, MS 38823

TITLE: GATE VALVE REPAIR	
Author	Shane L. Lutz
Checked	Chris
Date	07/24/2020
Sheet #	1 of 1
Drawn	Shane L. Lutz
Scale	1:1