

Black Tank Flush Installation

Bulletin Type:	TSB	Publication Date:	July 2022
Bulletin #(s):	22-060	Make(s):	Jayco
Job Code(s):	9803576	Model(s):	White Hawk
Flat Rate(s):	9803576A .10 Inspection only 9803576B .25 Installation 4A, 4G, 4K, 4S 9803576C .75 Installation 4C	Model Year(s):	2021-2022

Incident:	Black tank flush installed incorrectly		
Affected Units:	Certain 2021-2022 Jayco White Hawk		
Parts Kit Details:	Parts Kit #:22-060JT		
	Contents: 22-060JTA (1) 23" HOSE,PVC WHT 0.50X500' HI-PRESS REINF (Jayco Part #0316311) (1) 2" HOSE,PVC WHT 0.50X500' HI-PRESS REINF (Jayco Part #0316311) (2) CONNECTOR,SWVL .50FPT *AC PLSTC W/WG (Jayco Part #0194424)	Contents: 22-060JTB (2) ELBOW, .50BARBX.50BARB PLSTC*G (Jayco Part #0168837) (6) CLAMP,1/2" PLUMB- PEX T7030 (Jayco Part #0160685) (4) ELBOW ,.50BARBX.50BARB PLSTC*G (Jayco Part #0168837)	Contents: 22-060JTC (8) CLAMP,1/2" PLUMB- PEX T7030 (Jayco Part #0160685) (2) ELBOW ,.50BARBX.50BARB PLSTC*G (Jayco Part #0168837) (4) CLAMP,1/2" PLUMB- PEX T7030 (Jayco Part #0160685)
Misc. Tools & Supplies:	Screw gun Square heat bit Trim shears Water Line crimp tool		
Parts Return Information:	N/A		

BLACK TANK FLUSH INSTALLATION INSPECTION

1. Begin by checking if the blank tank valve was installed backwards and will not allow water to enter the tank. File under inspection only if the black tank valve is installed correctly.

BLACK TANK FLUSH INSTALLATION INSTRUCTIONS

1. Follow the appropriate repairs below to install the blank tank flush correctly.

- **4A – 29BH check valve fix – Use Parts Kit 22-060JTB**

- Interior

1. Remove top access panel under rear bath lav. (Figures 10 & 11)



2. Verify water line coming from fresh tank inlet is entering the bottom port of the vacuum breaker valve. If it is, then re-install cover panel and file for inspection only. If it is going against the flow arrow located on the vacuum breaker, please follow steps below.



(Figure 12)

3. Remove both hoses from the black tank flush check valve.
4. Cut swivel from both the blue pex line and white flex hose, leaving approximately 2" of hose after cutting.
5. Install a 90 degree connector using 1 each of 0168837, and 1 each of 0160685 to the cut piece of the blue pex line.
6. Install a 90 degree connector using 1 each of 0168837, and 1 each of 0160685 to the cut piece of the white flex line.
7. Install the open end of the 90 degree connectors using 1 each of 0160685 to the lines that were originally installed.
8. Connect blue pex line to the black tank flush (flow out).
9. Connect white flex hose to the black tank flush (flow in).
10. Install access panel.

- **4K – 27RB CHECK VALVE FIX - Use Parts Kit 22-060JTA**

- Interior

1. Remove cover panel located in bath linen cabinet. (Figure 1)
2. Verify flex hose (white water line) is entering the bottom port of the black tank vacuum breaker. If it is, then re-install cover panel. If it is going against the flow arrow located on the black vacuum breaker, please follow steps below. (Figure 2)



3. Remove zip tie that is holding the black tank flush vacuum breaker to the interior wall.

- Exterior

1. Remove black tank flush water inlet from off driver side wall. (Figure 3)
2. Unscrew water line from black tank flush water inlet.
3. Push water line through sidewall.
4. Using 2 pieces of flex hose and connectors, build a new water line to connect to the black tank flush inlet. Pieces needed will be 23" of 0316311 (flex hose), 2" of 0316311 (flex hose), 2 each of 0194424 (swivel connector), 1 each of 0168837 (connector elbow), and 4 each of 0160685 (crimp ring)
5. Install new water line onto black tank flush water inlet. (Figures 4 and 5)
6. Reinstall black tank flush water inlet to sidewall, and cap seal.



- Interior

1. Inside the bath linen cabinet, remove both fittings connected to the black tank vacuum breaker.
2. Install new hose connected to black tank flush inlet to black tank vacuum breaker on the bottom (flow in).
3. Cut blue line coming from the tank, leaving the swivel connector and a 2" tail piece of pex hose. (Figure 6)
4. Install a 90" connector using 1 each of 0168837, and 1 each 0160685 onto the open end of the cut piece you just made.
5. Connect the other end of the 90* connector using 1 each of 0160685 to the blue pex line coming out of the floor.
6. Attach hose to the black vacuum breaker (flow out).
7. Re-secure vacuum breaker to backer using a zip tie and screw.
8. Replace cover panel.

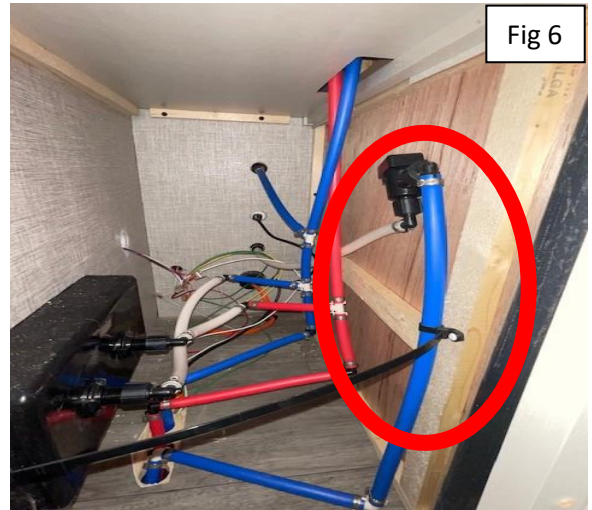


Fig 6

- 4C – 32BH, 4G – 24RK, 4S – 42RL front check valve fix - Use Parts Kit 22-060JTB**

- Pass through

1. Remove access panel in off door side cargo area. (Figure 7)
2. Verify flex hose (white water line) is entering the bottom port of the black tank vacuum breaker. If it is, then re-install cover panel. If it is going against the flow arrow located on the black tank vacuum breaker, please follow steps below. (Figure 8)



Fig 7



Fig 8

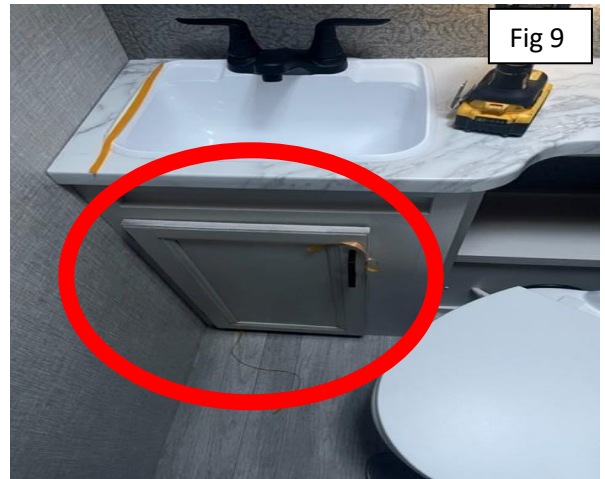
3. Disconnect both the blue pex line and flex hose that are connected to the black tank vacuum breaker.

4. Cut both the blue and flex line hoses, leaving approximately 2" of hose left with the swivel connector.
5. Install a 90* using 1 each of 0168837, and 1 each of 0160685. Connector to both cut off pieces.
6. Connect the 90* connector from the cut pieces using 1 each of 0160685 to the lines that were originally installed.
7. Connect the hose coming from the black tank flush water inlet to the bottom of the black tank flush vacuum breaker (flow in).
8. Connect the blue pex line to the side of the black tank flush vacuum breaker (flow out).
9. Reinstall access panel.

• **4C - 32BH rear check valve fix -Use Parts Kit 22-060JTC**

• Interior

1. Remove top access panel under rear bath lav. (Figure 9)
2. Verify flex hose (white water line) is entering the bottom port of the black tank flush vacuum breaker. If it is, then re-install cover panel. If it is going against the flow arrow located on the black tank vacuum breaker, please follow steps below. (Figure 10)
3. Remove both hoses from the black tank flush vacuum breaker.
4. Cut swivel from both the blue pex line and white flex hose, leaving approximately 2" of hose after cutting.
5. Install a 90* connector using 1 each of 0168837, and 1 each of 0160685 to the cut piece of the blue pex line.
6. Install a 90*connector using 1 each of 0168837, and 1 each of 0160685 to the cut piece of the white flex line.
7. Install the open end of the 90* connectors using 1 each of 0160685 to the lines that were originally installed.
8. Connect blue pex line to the black tank vacuum breaker (flow out).
9. Connect white flex hose to the black tank vacuum breaker (flow in).
10. Install access panel.



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