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Supplement to:

Etnyre Black-Topper® Operation, Maintenance & Safety Manuals, and

Etnyre Black-Topper® Parts Manuals



Black-Topper®

Enviro-Flush

Recirculating Flushing System

Parts and Operation

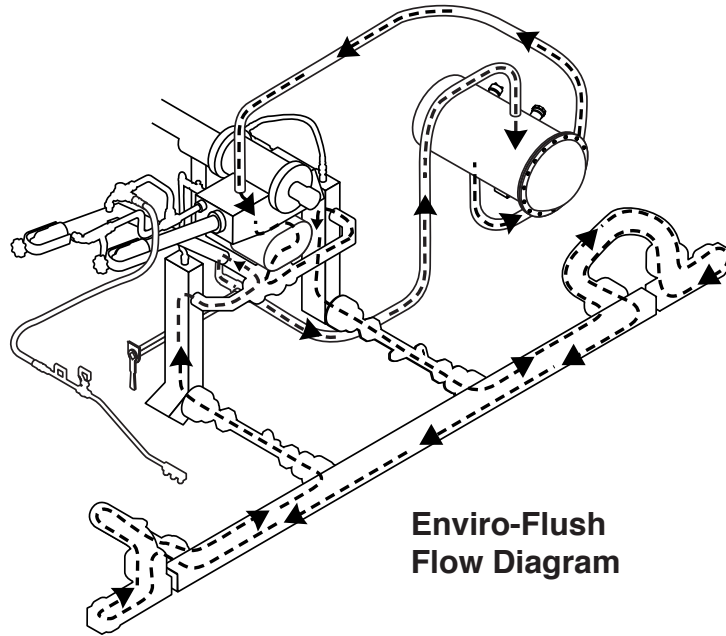
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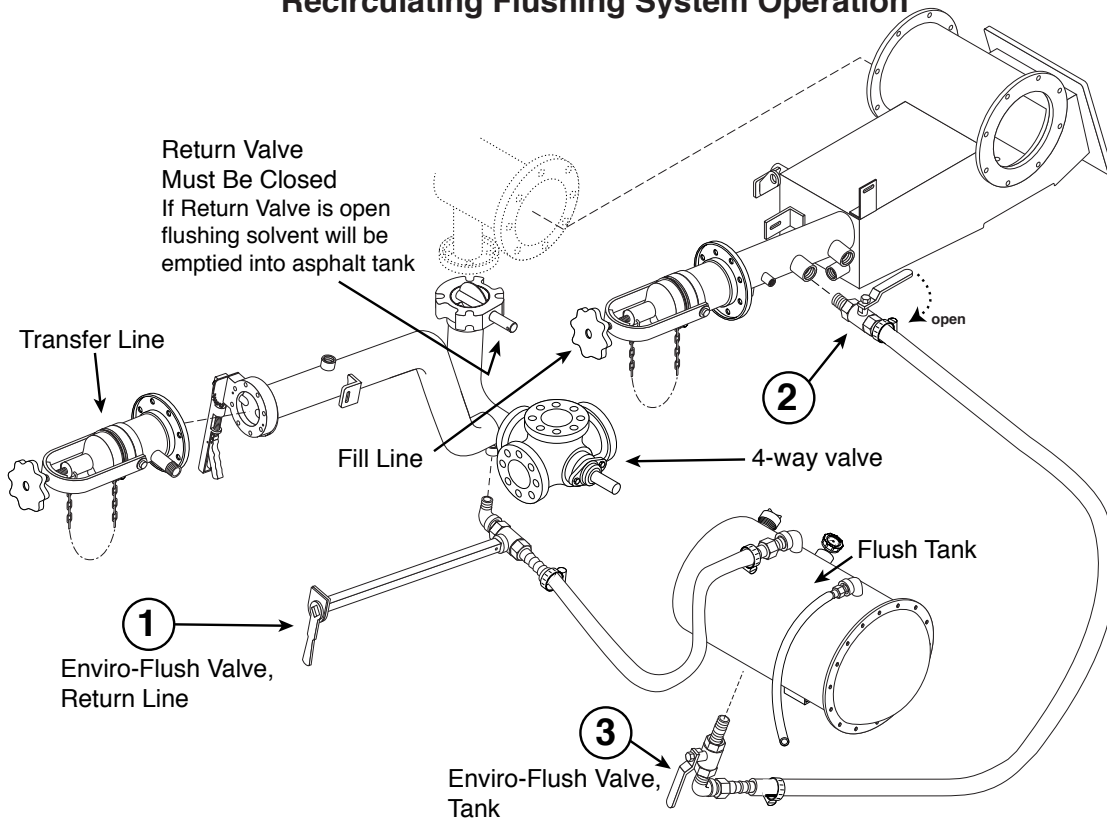
Enviro-Flush System

The Enviro-Flush system is a closed system which pulls flushing solvent from the Flush Tank, pumps it through the circulating system and spray bar and returns the solvent to the Flush Tank.



**Enviro-Flush
Flow Diagram**

Enviro-Flush Recirculating Flushing System Operation



Complete the appropriate suck back procedure(s) found in your Black-Topper® operation manual. Normally the suckback procedure will remove sufficient material from the circulating system to negate the need for performing the Enviro-Flush procedure. Flushing Solvent must be in the Enviro-Flush tank for this procedure. On the cab control panel, turn on the POWER switch and complete the instructions beginning on the next page.

NOTE: To stop the pump in MANUAL control select AUTO control. To stop the pump in AUTO control with the PUMP SPEED knob fully counter clockwise select MANUAL control. The pump can be stopped and the automatic tank valve can be closed immediately at any time during any operation by turning the EMERGENCY STOP switch OFF. Before turning the EMERGENCY STOP switch back ON, turn the PUMP SPEED to zero to prevent the pump from turning.

At the rear control panel:

1. Turn the FUNCTION knob to AUX.
2. Turn the EMERGENCY STOP switch ON.
3. Put the PUMP CONTROL to AUTO.
4. Press START. The pump will start turning at the desired circulation rate (50 GPM).
5. Open all three Enviro-Flush valves in order: The Enviro-Flush Return Valve ①, then the Strainer Box Valve ② and finally the Enviro-Flush Tank Valve ③ .
6. After 1-2 minutes close the Enviro-Flush Tank Valve ③ and then the Strainer Box Valve ②.
7. Put the PUMP CONTROL to MANUAL to stop the pump.
8. Turn the FUNCTION knob to SUCK BACK.
9. Press START. Turn the PUMP SPEED knob to obtain 50 GPM (confirm rate on display).
10. Press START. The pump will start turning at the desired circulation rate (50 GPM).
11. Open the bleeder valve on the left wing for 1 minute and then close the valve.
12. Open the bleeder valve on the right wing for 1 minute and then close the valve.
13. Turn the FUNCTION knob to HOME to stop the pump.
14. Close the Enviro-Flush Return Valve ①.

Complete the appropriate suckback procedure(s) found in your Black-Topper® operation manual.

Recycle Enviro-Flush

NOTE: This procedure will transfer material from the Enviro-Flush Tank to the Asphalt Tank.



WARNING

To prevent possible burns from foaming or violent eruption:

Do not transfer the contents of the Enviro-Flush Tank if the material temperature in the Asphalt Tank is over 200°F or if water and/or condensation is present in the Enviro-Flush Tank or if emulsion was previously flushed with the Enviro-Flush system.

Normally the suckback procedure will remove sufficient material from the circulating system to negate the need for performing the Enviro-Flush procedure. The frequency of recycling the Enviro-Flush spent solvent is then dependant upon the operator's use of the suck back feature and the type of material being flushed.

On the cab control panel, turn on the POWER switch and complete the following instructions.

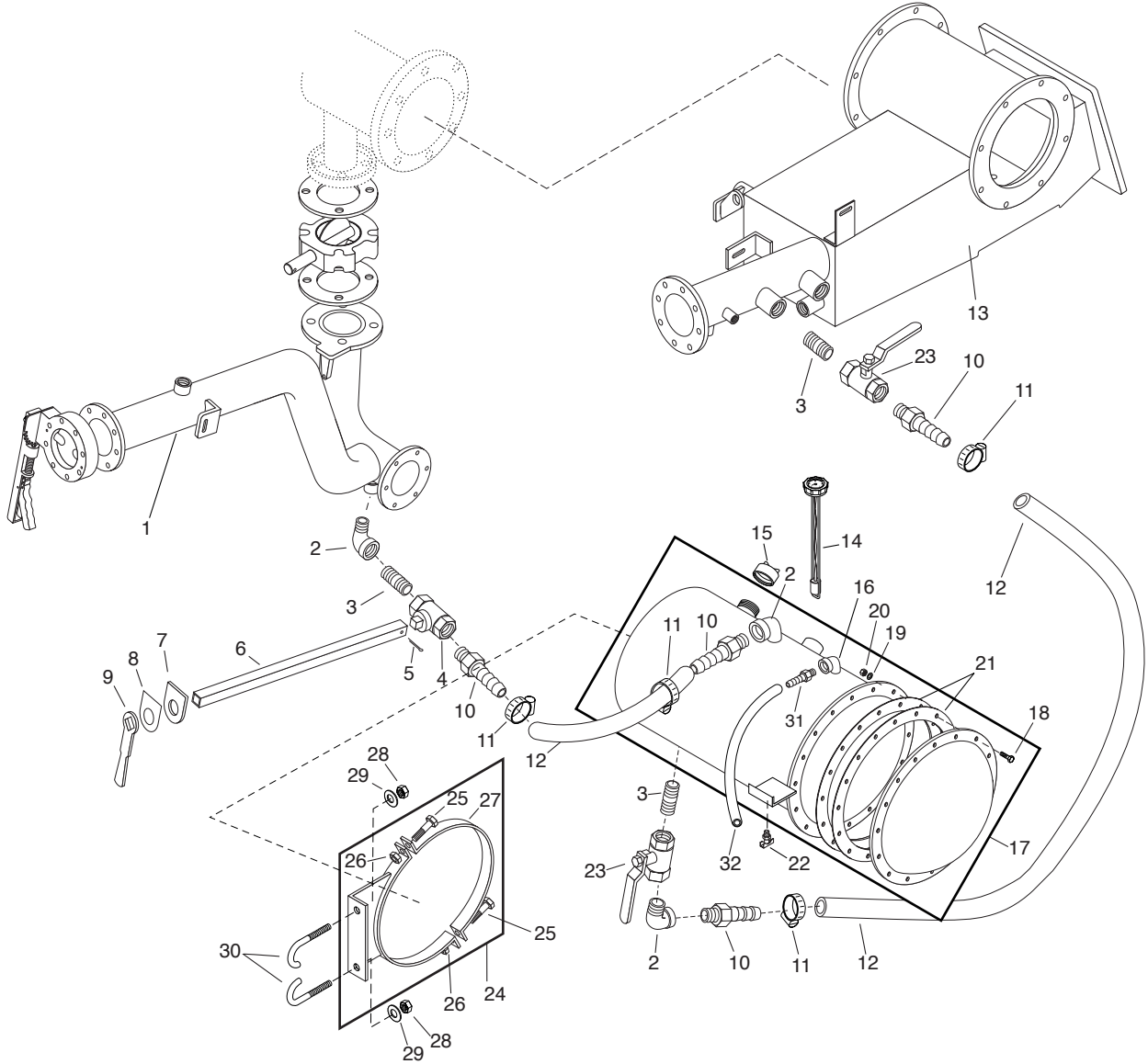
NOTE: To stop the pump in MANUAL control select AUTO control. To stop the pump in AUTO control with the PUMP SPEED knob fully counter clockwise select MANUAL control. The pump can be stopped and the automatic tank valve can be closed immediately at any time during any operation by turning the EMERGENCY STOP switch OFF. Before turning the EMERGENCY STOP switch back ON, turn the PUMP SPEED to zero to prevent the pump from turning.

At the rear control panel:

1. Turn the FUNCTION knob to LOAD.
2. Turn the EMERGENCY STOP switch ON.
3. Put the PUMP CONTROL to MANUAL.
4. Press START. Turn the PUMP SPEED knob to obtain 50 GPM (confirm rate on display).
5. Open the Strainer Box Valve ② and then the Enviro-Flush Tank Valve ③ .
6. When the desired amount of material is removed from the Enviro-Flush Tank close the Enviro-Flush Tank Valve ③ and then the Strainer Box Valve ②.
7. Turn the FUNCTION knob to HOME to stop the pump.
8. Refill Enviro-Flush Tank with new solvent.

Complete the appropriate suckback procedure(s) found in your Black-Topper® operation manual.

Recirculating Flushing System



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3342671	1	Return Line with Drain	19	0120386	32	Washer-Flat, 0.24
2	0108687	3	Elbow-Pipe, 1", 90, Street	20	9413946	16	Nut-Hex, Lock, 0.25NC
3	0127874	3	Nipple-Pipe, 1" X Close	21	C1257AC	2	Gasket-Flange
4	6600726	1	Valve-Cock, Steam, 1.00"	22	6600162	1	Drain Cock-0.25"
5	0103389	1	Pin-Cotter, 1/8 X 2	23	6601177	2	Valve-Butterfly, 1.00" NPT
6	S1391AC	1	Crosshaft-Drain Valve	24	2610041	2	Bracket Asm-Mtg, Fuel Tank
7	C1257AH	1	Bracket-Mount, Lever	25	0122459	4	Screw-Hex, 0.50NC x 2.00, GR2, PD
8	C1257AJ	1	Decal-Drain Valve	26	9411727	4	Nut-Hex, Lock, 0.50NC EA, PD
9	C1257AG	1	Lever-Drain Valve	27	3311022	2	Band-Support, Fuel Tank
10	6601565	4	Hose End-1.00"NPT	28	9413948	4	Nut-Hex, Lock, 0.62NC, EA, GRA, PD
11	6000792	4	Hose Clamp, Screw Type, MS, 1.00	29	9422850	4	Washer-Flat, 0.62A (0.65 x 1.31)HN
12	6601564	20'	Hose-1.00", Suction	30	3360726	4	Bolt-Hook, Bit, Frame Truck
13	3342678	1	Suction Strainer Box, Recirc	31	6600663	1	Hose End-08 x 08 ST, LPSP
14	6601307	1	Gauge-Liquid, 14" Tank	32	6600662	2'	Hose-0.50"
15	6100235	1	Filler Cap	3360180	1	Plate-Fill with Diesel Fuel Only (Not Shown)	
16	0108686	1	Elbow-Pipe, 0.50" NPT, PN				
17	S1495AD	1	Flushing Tank				
18	0121900	16	Screw-Hex, 0.25 X 1.00, GR2, PD				

AR = As Required