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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E. D. ETNYRE & CO. 1333 S. Daysville Road, Oregon, Illinois 61061
**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.

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**Enviro-Flush**

Recirculating Flushing System Operation

1. **Enviro-Flush Valve, Return Line**
2. **4-way valve**
3. **Enviro-Flush Valve, Tank**
4. **Flush Tank**
5. **Transfer Line**
6. **Fill Line**
7. **Return Valve Must Be Closed** If Return Valve is open flushing solvent will be emptied into asphalt tank

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.
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 Valve③ and then the Strainer Box Valve②.
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.

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 Valve② and then the Enviro-Flush Tank Valve③.
6. When the desired amount of material is removed from the Enviro-Flush Tank close the Enviro-Flush Tank Valve③ and then the Strainer Box Valve②.
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

<table>
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<th>PART NO.</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>REF</th>
<th>PART NO.</th>
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**Specify Unit Serial No., Part No., & Part Description**