

Brush Fire OG Review

Brush 857

- Starting the vehicle
- Starting/operating the pump
- 4x4 operations
- Winch operations
- Equipment
- Brush Fire OG as it relates to 857

Engine 864

- Utilizing the front booster line
- Pump and roll

Engine 866

- Setting up water supply

Utility 854

- 4x4 operations

Foam Operations at Brush Fires

- Basic Foam Handline operations
- Air aspirating nozzles
- Structure protection
- Husky 12 Drafting foam
- In-Line Foam Eductor

Brush 857

Basic Operations for Drivers

Vehicle Specifications

1991 Ford F350
Front/Rear Fuel Tank
Foot Pedal Highbeam/Lowbeam for Headlights

Pump:

85 GPM pump
300 gallons water tank
12 / 23 / 30 GPM selectable fog nozzles
200 feet of 1-inch hose on the booster reel
12 feet of 1-inch hose

Starting the vehicle

1. Turn Battery Switch to BOTH
2. Turn key to the run position
3. Standby until "Wait to Start" light turns off. This may take several seconds.
4. Turn key to start position to crank engine.

Starting Fire Pump

1. Ensure vehicle engine is running
2. Turn key to the start position
 - The throttle may need to be adjusted to start the pump engine. Normally the throttle needs to be increased to start the pump engine.
3. Once pump engine starts, increase throttle to obtain 100 PSI.
4. Return pump PSI to 60 PSI when driving to the scene.
5. Ensure tank to pump valve and pump cooler valve are open.
6. All other valves should be closed when not involved with active fire fighting activities.
7. Prior to beginning fire fighting operations, open needed discharge valve and increase pump pressure to 110 PSI.

Note: Any time the water tank is empty, the pump should be shut off until the water tank is filled.

Basic Pumping Scenarios

- Pump and roll using the small booster line
- Deploying, operating, and repacking the booster line from the hose reel
- Refilling the water tank

Stopping the Fire Pump

1. Decrease pump pressure to 50 PSI

2. Close pump discharges
3. Turn key to off position
4. If pump does not turn off, the throttle may need to be decrease to shut off the pump.
5. Check to make sure the water tank is full.

Switching from 2L to 4H

1. Confirm wheel hubs are in the LOCKED position.
2. Swiftly move shifter from 2L to 4H at slow speed
3. The 4X4 light will appear under the RPM gauge

Switching from 4H to 4L

1. Stop vehicle
2. Verify wheel hubs are LOCKED
3. Shift transmission into neutral
4. Move shift lever to 4L position
5. 4X4 light and LOW RANGE light should appear under the RPM gauge

Equipment Locations:

- On the seat:
 - Portable Radio
- Behind the seat:
 - Traffic Vest
 - Flashlight with traffic cone
 - Override tool for Booster Reel
 - Traffic triangles
 - Small medical bag
 - Large Bolt Cutter
- Glove Box
 - Lug spanner wrenches
 - Regular spanner wrenches
 - Winch controller
 - Fuel card
 - Lakefield Road DPW card
 - Wheel lock Key Tool
 - Insurance Card
- Right side Door
 - Small bolt cutter
 - Lineman's pliers
 - Multi-tool
- Bed of Truck
 - Breaker Bar
 - Axe
 - Winch Cable
 - Water Thief
 - Hydrant wrench

- Two sections of $\frac{3}{4}$ -inch hose
- Two 2-1/2-inch gate valves
- 2 Pitch folks
- 2 fire rakes
- 7 fire brooms