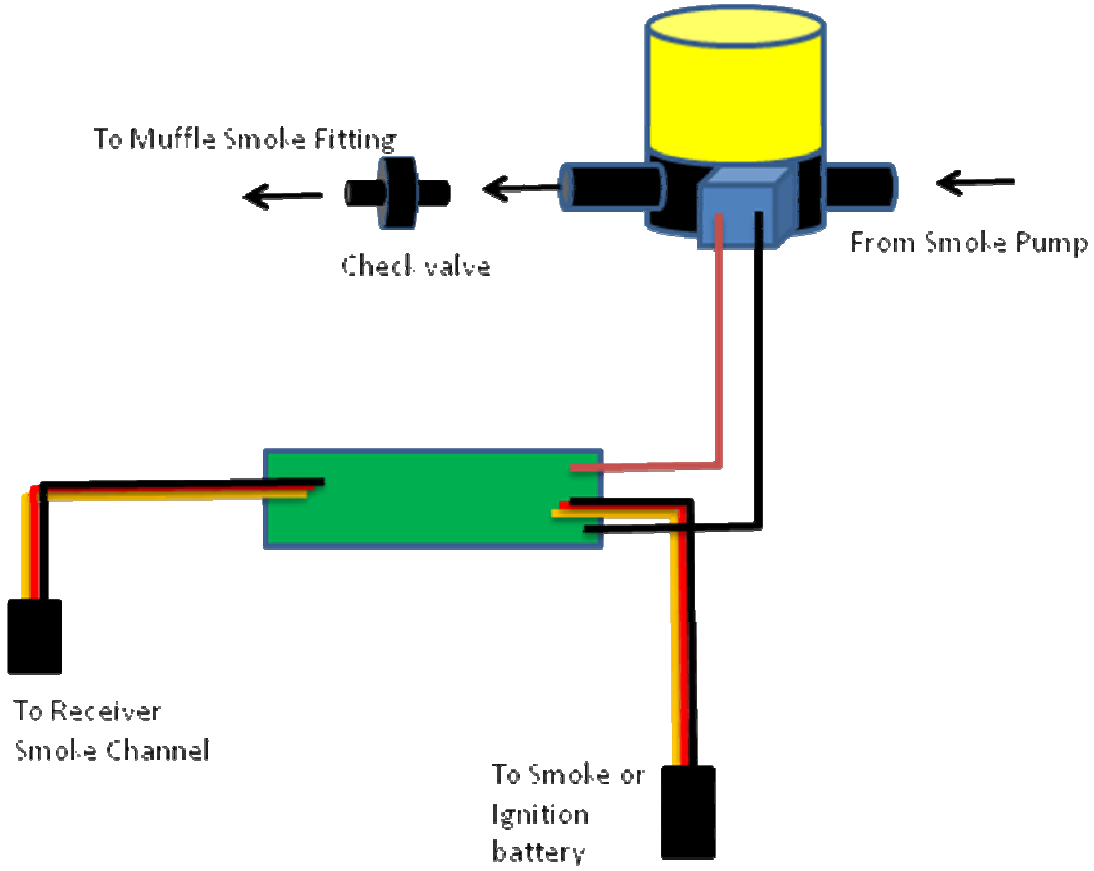
RC Showcase

Mega Smoke Pump

The Mega Smoke pump is a smoke pump for all types as sizes of models. The Smoke pump can be turned on and off from the transmitter. Additionally, the rate of flow is adjustable on the transmitter by adjustment of the endpoint of the channel controlling the smoke pump.

One of the key advantages of the RC Showcase Mega Pump that is a new feature in smoke pumps is that the pump control circuit is optically isolated from the pump and pump battery. This allows the user to not have to add a dedicated battery to the model for the smoke pump. The intent is for the user to install the smoke pump to run on the ignition battery . This eliminates the weight of a separate smoke pump battery. There is no chance of ignition noise getting into the receiver since the control circuit is optically controlling the pump.

The following diagram shows how to connect and install the Mega Smoke Pump:



Next determine which direction on the auxiliary switch turns the smoke pump on and off. The end point of the “ON” direction controls the flow rate. The Smoke pump starts just above center on the auxiliary channel. The flow rate continues to increase to about 100-120% endpoint adjustment. Run the engine and adjust for proper smoke volume.