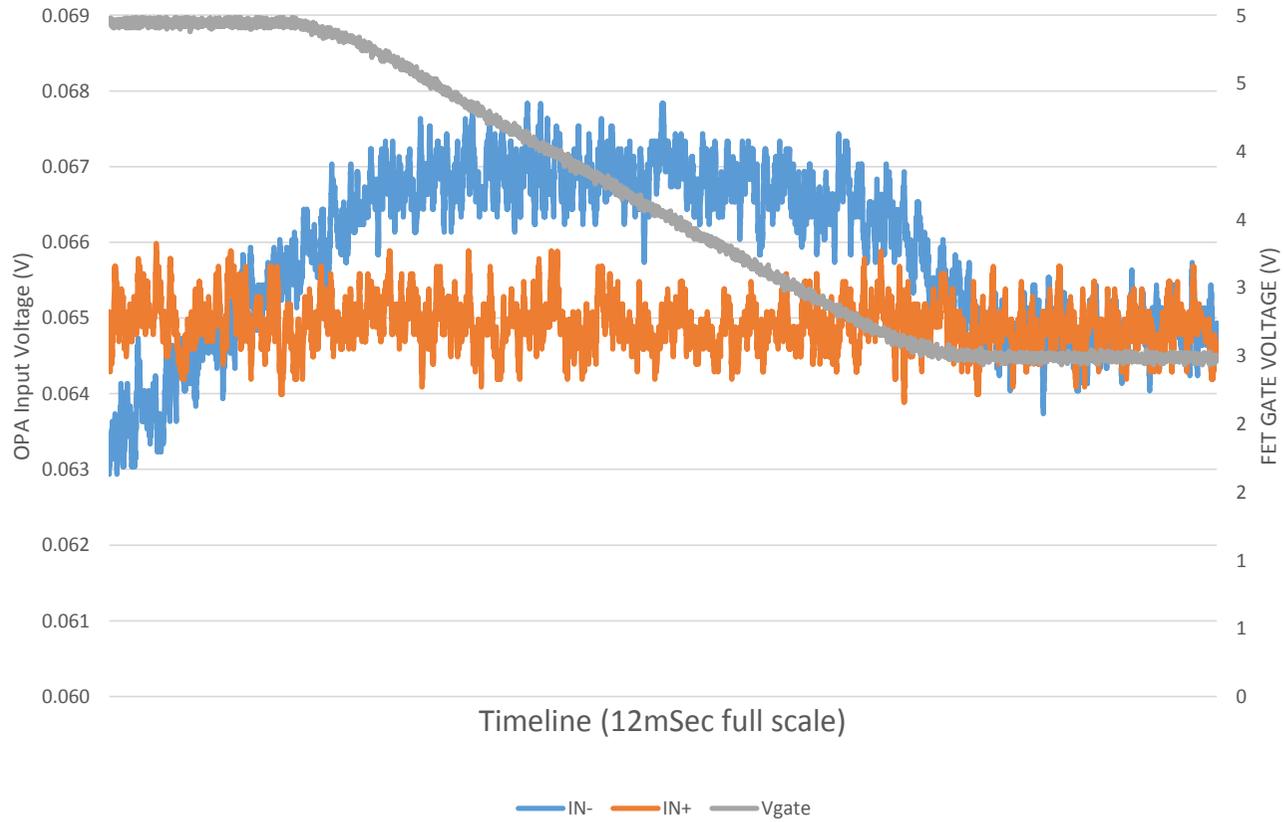


Properly operating control loop.

When IN- (blue) reaches IN+ (orange), the gate voltage (grey) reduces.

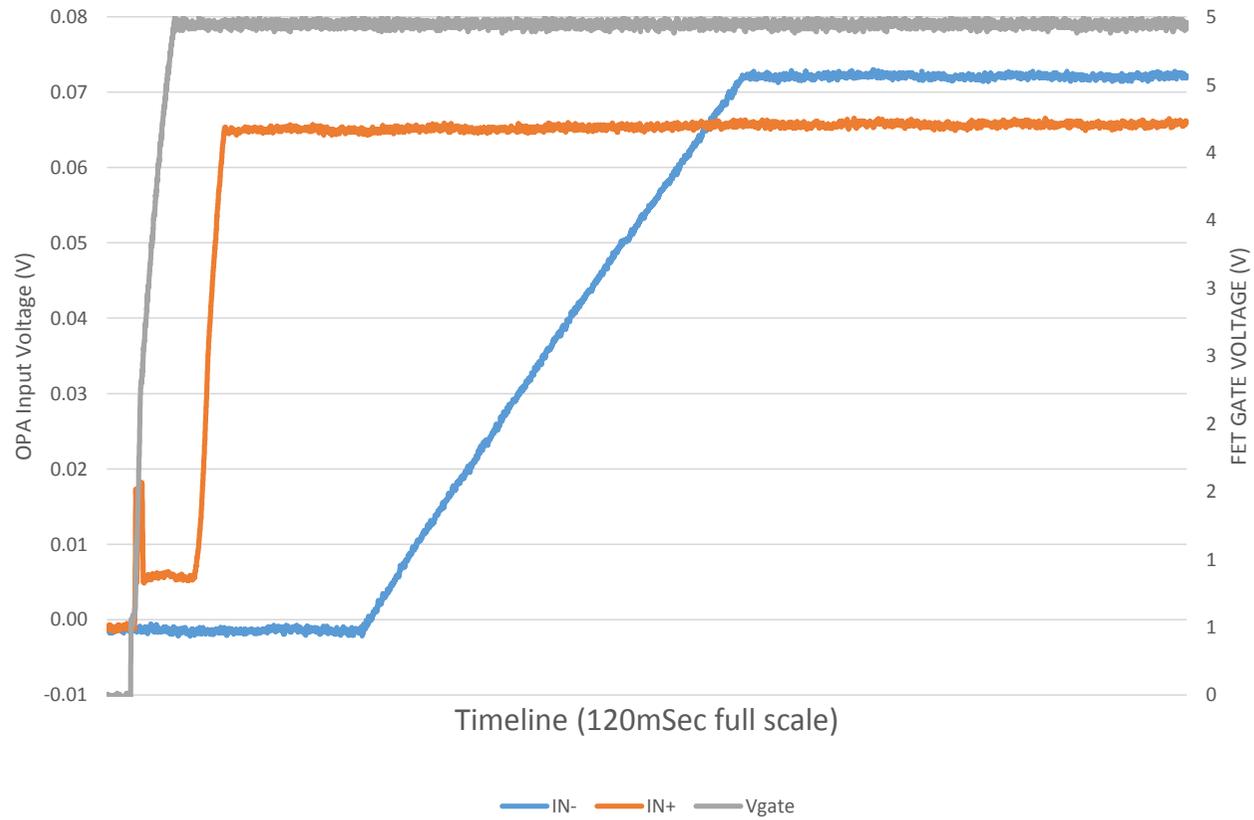
### OPA2314 Output Normal



Properly operating control loop.

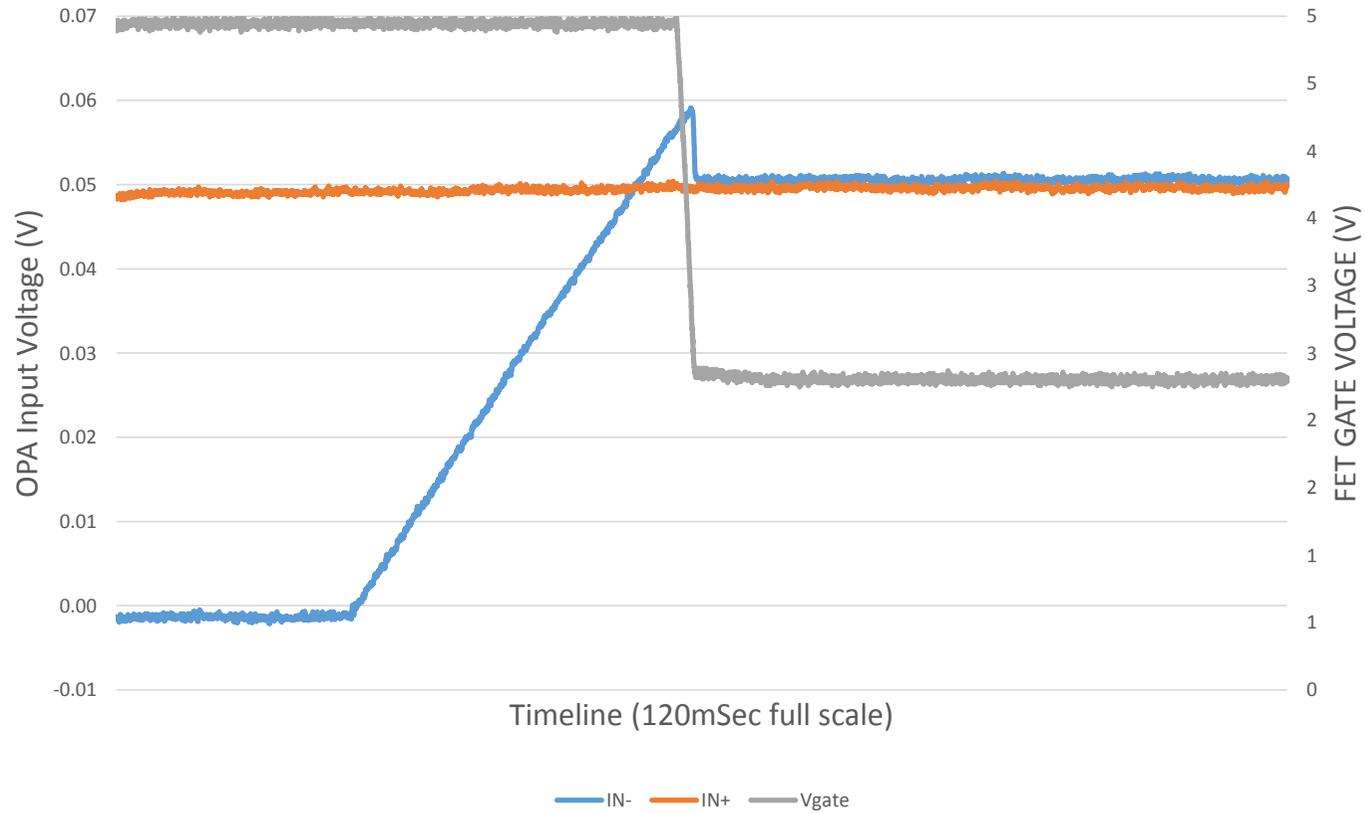
When IN- reaches IN+, the gate voltage reduces.

### OPA2314 Output Stuck



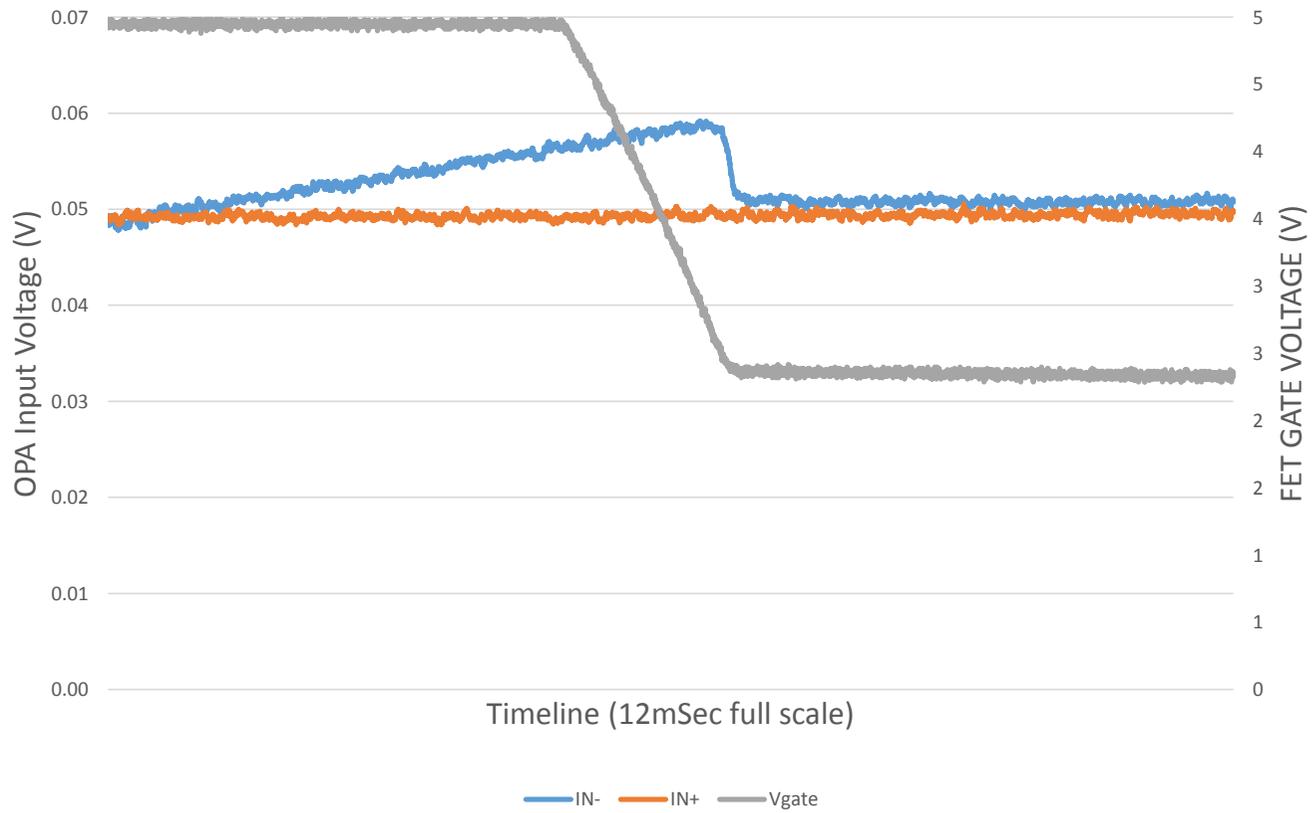
Stuck Control Loop - When IN- (blue) reaches IN+ (orange), the gate voltage (grey) should reduce.

### OPA2314 Output Unstuck By IN+ Ramp



IN+ is ramped by Line Current. Gate responds only after IN- exceeds target.  
This demonstrates that a limit on head-room is required to prevent excess load current.

### OPA2314 Output Unstuck By IN+ Ramp



IN+ is ramped by Line Current. Gate responds only after IN- exceeds target.  
This demonstrates that a limit on head-room is required to prevent excess load current.