ENGINE DOESN'T SHUTDOWN WITH KEY

ENGINE DOES NOT SHUTDOWN BY TURNING OFF THE KEY SWITCH

Does the engine stop by an emergency stop input (Oil, water, etc)?

NO

Is there 12VDC at the Emergency Unit CN4 (Blue) wire to ground?

NO

Emergency Unit is defective

YES

Is the resistance of solenoid 1.3ohms?

NO

Stop Solenoid is defective

YES

Key switch is defective

YES

Inspect linkage at Governor or possible engine fault

NOTE 1: To stop engine, restrict air flow to engine or shutdown fuel flow with fuel cock below tank.

EMERGENCY UNIT – MQ PART # 1747260604

STOP SOLENOID – MQ PART # 1627160012

KEY SWITCH – MQ PART # 0602100059

Is the voltage 0VDC on the (Orange) wire on the AC2 terminal strip and ground?

NO

YES

Emergency Unit is defective

NOTE 1: To stop engine, restrict air flow to engine or shutdown fuel flow with fuel cock below tank.

ILUSTRATION FROM DLW-400ES-ESA PARTS AND OPERATIONS MANUAL

NOTE 1: To stop engine, restrict air flow to engine or shutdown fuel flow with fuel cock below tank.