**Engine Shutdown Troubleshooting Guide**

*For all Fireboy-Xintex "ES" Series Engine Shutdown Models*

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**TURN IGNITION KEY TO "ON" POSITION**

- **START**
  - **IS RED LIGHT AND ALARM ON?**
    - no
      - FAULTY UNIT REPLACE OR CONTACT FACTORY
    - yes
      - CHECK FOR LOOSE CONNECTIONS ON 4 AND 5, ALSO EXAMINE THE FIRE EXTINGUISHER. IF THE FIRE EXTINGUISHER IS DISCHARGED OR IF THE PRESSURE GAUGE READS IN THE RED "RECHARGE" ZONE, THEN THE EXTINGUISHER MUST BE SERVICED.
  - **IS GREEN LIGHT ON?**
    - no
      - **ARE BOTH LIGHTS OFF?**
        - no
          - FAULTY UNIT REPLACE OR CONTACT FACTORY
        - yes
          - SYSTEM WORKING PROPERLY
    - yes
      - IS ALARM SOUNDING?
        - no
          - FAULTY UNIT REPLACE OR CONTACT FACTORY
        - yes
          - INDICATES NO POWER TO SHUTDOWN BOX, CHECK FOR VOLTAGE ON IGNITION CONNECTIONS ON RELAY BOX

**DISPLAY SWITCH IN "NORMAL" POSITION**

- **START**
  - **DISPLAY SWITCH IN "NORMAL" POSITION**
  - **START**
    - **IS RED OR GREEN LIGHT ON?**
      - no
        - **IS ALARM SOUNDING?**
          - no
            - **NORMAL CONDITION IN "OVERRIDE" MODE**
          - yes
            - FAULTY UNIT REPLACE OR CONTACT FACTORY
      - yes
        - **DISPLAY SWITCH IN "OVERRIDE" POSITION**

**DISPLAY SWITCH IN "OVERRIDE" POSITION**

- **START**
  - **IS GREEN OR RED LIGHT ON?**
    - no
      - IS ALARM SOUNDING?
        - no
          - NORMAL CONDITION IN "OVERRIDE" MODE
        - yes
          - FAULTY UNIT REPLACE OR CONTACT FACTORY
    - yes
      - **DISPLAY SWITCH IN "OVERRIDE" POSITION**