



# **RUNYON**

## **SURFACE PREP**

RENTAL & SUPPLY

### **TROUBLESHOOTING TIPS**

#### **HHXDF5**

#### **Engine will not turn over**

1. Check battery voltage
2. Check battery cables(clamps are tight)
3. Check ign. switch(make sure it is plugged in to harness)
4. Look to see if battery light is on. If not check 20 and 60 amp fuse in

#### **Power Relay Module**

- Engine turns over will not start
1. Turn key to 1st position listen for fuel pump
  2. No fuel pump noise, check seat switch(for gas operation)
  3. Insure selector switch in correct mode (gas. Propane)
  4. Insure selected fuel is available
  5. Check fuses in fuse panel(fuel pump fuse)

#### **Low performance**

1. Check engine idle speed, engine high speed RPM's
2. Inspect condition of belt
3. When machine is running, observe the upper and lower clutch. Insure they are opening and closing correctly.

#### **Machine operation. Hard to steer, rocking**

1. If machine is hard to steer. Check steering cylinders for loose hardware
2. Check hydraulic belt for proper tension(below fan front of engine)
3. If machine rocking, check all hardware on "pork chop" for tightness
4. Inspect fir bent components
5. Remove "pork chop" install blades check if machine still rocking. If machine still rocks possible bent arm or output shaft