

### STARTUP

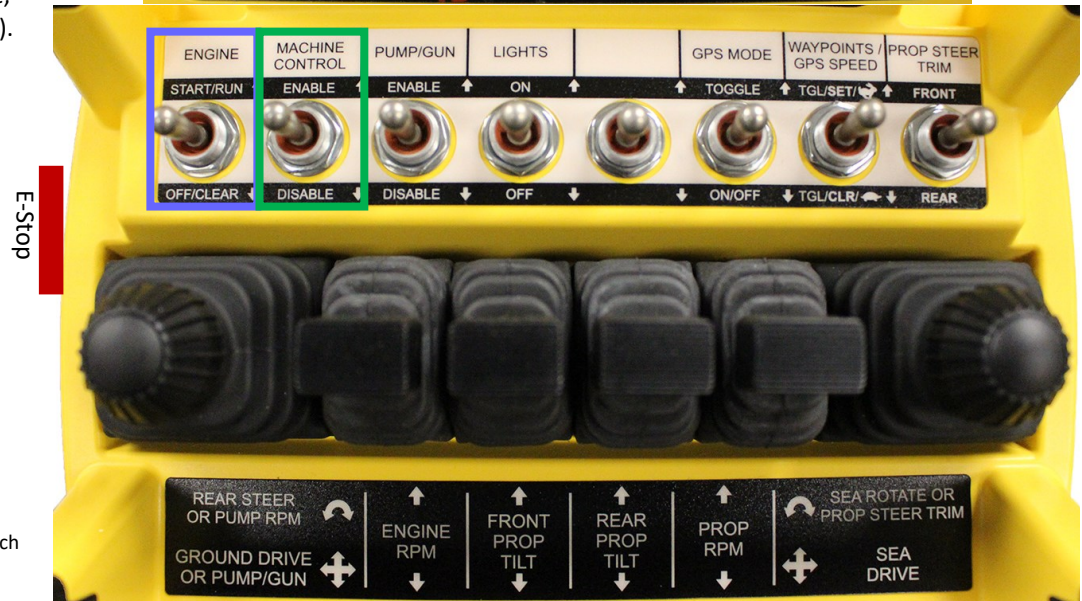
1. Turn ON Master Battery Disconnect Switch (See location in below image)
2. Turn KEY SWITCH to position I on Tec-10 Engine Controller.
3. On the remote, press and hold **POWER** button until "Bazooka Farmstar" logo appears. When instructed on screen, press **E-STOP** in and quickly turn to release it.
4. Wait for LED light on the Tec-10 engine controller to turn green and remote display showing home screen (after connecting).
5. Press UP on **ENGINE** toggle to START/RUN the engine.
6. Once engine starts, press UP on **MACHINE CONTROL** toggle to ENABLE remote control of machine. Alarm will sound 5 times, when complete, remote control can be used to operate the machine (Safety Feature).

### SHUTDOWN

1. Press DOWN on **ENGINE** toggle to turn OFF engine
2. Turn IGNITION KEY fully to the LEFT on Tec-10 Engine Controller
3. **CRITICAL STEP:** Wait **2 MINUTES** before turning OFF Master Battery Disconnect to allow DEF lines to purge. *Failure to wait 2 minutes will result in error codes and a disabled machine.*



Battery Disconnected  
(Wait 2 Min. after Engine Shutdown)



### CLEAR ENGINE ERROR CODES

1. With engine off - Hold DOWN on **ENGINE** toggle for 3 seconds to clear engine codes and resume engine start procedure. (Some codes cannot be cleared by remote)
2. NOTE: Some error codes cause a 15 second delay in your ability to restart, keep trying if engine does not immediately start.
3. If radio has lost RF connection or is having problems connecting, try restarting the radio by holding the **POWER** button on the remote and repeat remote startup procedure outlined above.

## Wolverine Controller Reference

### SCREEN

- Toggle between 4 display screens
- When using certain functions, screen will automatically toggle to appropriate screen



**TRIM PRESET** - Overrides current trim settings for propeller trim angles (angle of prop gimbals when no joystick input is given). Set props manually with other TRIM switches/paddles on controller.

- **PS1:** Trim both props to 0° Vertical angle and 0° Left/Right angle (Point Props straight down)
- **PS2:** Trim props to a 30° Outward angle and 0° Left/Right angle (Optimal angle for crust busting and floating surface solids toward the props).
- **SAVE CURRENT Trim Settings**—hold PS1 or PS2 for 3 seconds to lock in current prop trim (which are set manually)
- **FACTORY PRESET Trim Settings**—Hold PS1 or PS2 for 6 seconds to restore factory preset

### ENGINE

- UP to START Engine when remote is connected and engine controller LED light shows Green.
- DOWN to SHUTDOWN engine.
- HOLD DOWN 3 seconds to clear codes on engine controller and remote.

### PUMP/GUN

- Enables and Disables Pump/Gun operation. Will disable the use of ground drive (tires) on left joystick when pump/gun is enabled. See control description for left joystick below.

### GPS MODE

- Toggle UP to switch between GPS Modes (COVER, POINT-TO-POINT, ANCHOR)
- Hold down to turn the selected GPS mode ON/OFF. (See manual)

### WAYPOINTS/GPS SPEED

Toggle through waypoints, enter waypoint to current boat position, clear waypoints, and change boat speed when GPS mode is ON. (See Manual for more details)

- Tap UP to move waypoint selection right
- Tap DOWN to move waypoint selection left
- Hold UP 3 seconds to SET selected waypoint to current boat position (Alarm sounds once)
- Hold DOWN 3 seconds to clear selected waypoint. Hold DOWN 6 seconds to clear *all* waypoints at once (Alarm sounds)
- Rabbit/Turtle: Adjust boat speed during GPS sequence between 0.5 and 2 mph. When GPS Mode is ON, tap UP to increase boat speed, tap DOWN to decrease boat speed

### MACHINE CONTROL

Safety lockout which keeps the machine from accidentally being operated upon engine startup. When enabling, alarm sounds 5 times before machine can be operated by remote.

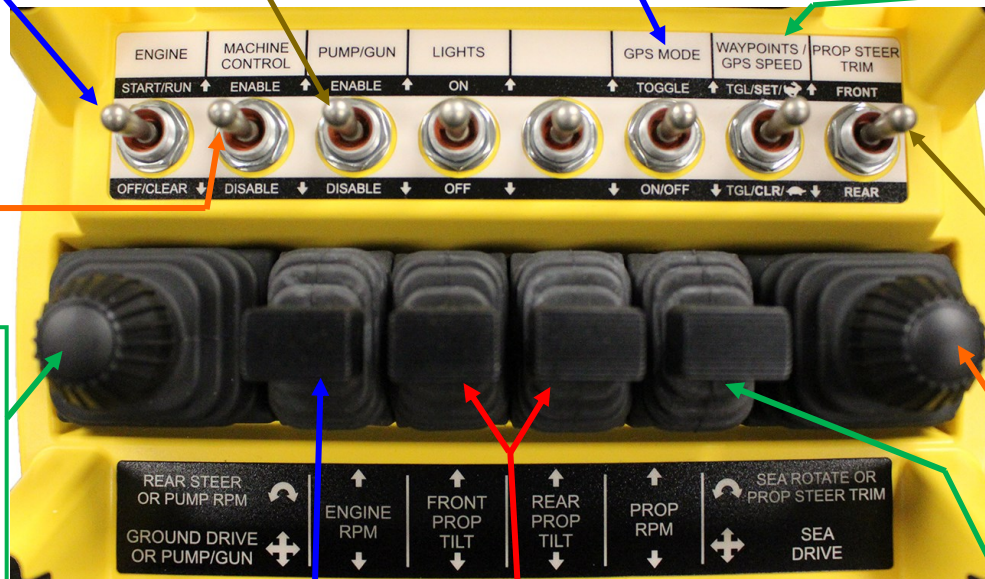
- UP to ENABLE machine operation
- DOWN to DISABLE machine operation

### GROUND DRIVE (Default)

- DRIVE machine forward or Backward
- STEER FRONT tires left or right
- STEER REAR tires left or right (Twist knob)

### PUMP/GUN CONTROL (When Pump/Gun ENABLED)

- GUN AIM UP/DOWN
  - GUN AIM LEFT/RIGHT
  - PUMP RPM— Twist to increase/decrease submersible pump speed (Gallons/minute)
- When Pump RPM is ZERO, pump can run in slowly in reverse by twisting counterclockwise on PUMP RPM knob.



### PROP STEER TRIM (FRONT or REAR Prop Angle)

- Hold UP and TWIST SEA DRIVE knob to adjust left/right "Home" angle on FRONT Prop
- Hold DOWN and TWIST SEA DRIVE knob to adjust left/right "Home" angle on Rear Prop

### SEA DRIVE

Propeller directional control which drives boat when floating. PROP RPM must be high enough to provide thrust.

- Moves machine forward or Backward
- SIDE SHIFT machine left or right
- SPIN machine clockwise/counter clockwise (Twist knob)

### ENGINE RPM

- Briefly BUMP fully UP or fully DOWN to INCREMENT Engine RPM up or down
- RPM Ramping speed is proportional to how far lever is HELD UP or DOWN

### FRONT/REAR PROP TILT ANGLE (TRIM)

- Set "home" prop tilt angle in the front/back direction, when no sea drive controls are being used
- SEA DRIVE overrides this setting to move boat in intended direction. Use PS1 to return to 0° easily

### PROP RPM (Propeller rotation speed control)

- Hold UP to INCREASE Prop Speed
- Hold DOWN to DECREASE Prop Speed
- When prop speed is ZERO, hold down to run props slowly in reverse