

**TOYOTA**

**MARINE**

*Sports*

## Troubleshooting Guide

- **Engine will not crank, Gauges dead**
  - Check to ensure Battery switch is in the “on” position
  - Check to ensure Battery Terminals are connected and tight
  - Check In-Line fuse at battery switch
  - Check Battery for proper state of charge
  - Check power circuits for open circuit or loose connection
- **Engine cranks, but will not start – Gauges Dead**
  - Check Safety Lanyard to ensure proper installation
  - Check Terminals on the back of Lanyard Kill Switch for proper connection
- **Engine Will Not Crank, Gauges Live**
  - Check to make sure shifter handle is in neutral.
  - Check shifter handle to engage neutral detent. Adjust at transmission if necessary
  - Neutral Safety Switch on Transmission.
- **Engine Cranks, Gauges Live, No Start or tries to start but Cannot**
  - Check Fuel Level to ensure that fuel is present
  - Turn key to on position and Push the red Fuel Pump activation button (located on the breaker panel on the aft top end of engine) to run pumps. Listen for a change in tone to indicate that a vapor locked condition may have been overcome.
  - Remove Access cap from fuel pulsation dampener (located on the starboard side of the engine, at the aft end of the fuel rail) and run pumps. Verify that the indicator screw in the center is popping up. This indicates that there is adequate fuel pressure to the fuel rail.
  - Unplug fuel pumps one at a time and verify operation.
  - If both pumps run, and there is no fuel pressure, check for a kinked or crimped hose (normally at rear floor panel), or a clogged filter or screen (there is a screen on the inlet to each of the 2 fuel pumps).
- **Bilge pump will not pump water – pump runs**
  - Check bilge pump hose for clog
  - Check impeller on bottom of bilge pump
- **Engine Knocks, runs and/or performs poorly**
  - Check octane of fuel - MUST run premium (92 or 93 Octane) for proper performance. If changing to premium fuel, turn off battery switch for 60 seconds to allow engine computer to recalibrate.
- **Trailer Cannot Back up, Brakes lock**
  - Wire 5 way connector to truck to properly activate reverse lockout solenoid, or install trailer brake mechanical lockout pin behind washer on tongue.
- **Trailer Brakes are locked up, and will not release**
  - Check reset lever on the bottom of the tongue & also check emergency brake cable for damage or being pulled out.
- **Engine stops running while operating boat**
  - Check Fuel Level to ensure that fuel is present
  - Check Safety Lanyard to ensure proper installation
  - Check In-Line fuse at battery switch
  - Remove Access cap from fuel pulsation dampener (located on the starboard side of the engine, at the aft end of the fuel rail) and run pumps. Verify that the indicator screw in the center is popping up. Unplug fuel pumps one at a time and verify operation. If one pump is not operating, crimp or pinch the 3/8” return fuel line. This may allow the boat to run for a short period of time.
- **Millennium Dash**
  - If options on dash do not operate properly, reset by cycling the battery switch off for 5 seconds.
  - When options are installed battery switch must be in the off position.