Keypad Operating Tips

Text Input:
- To enter a number: Press the **UP** or **DOWN** key to increase or decrease the value of a digit in the display.
- Press the **ENTER** key to scroll the cursor to the right.

To Enter a Controller Menu or Submenu:
- Press **ALARM** key to directly enter the Alarm List Menu.
- Press the **ENTER** key or the **ESCAPE** key to enter the Main Menu.
- Press **ENTER** key to enter a menu from the Main Menu, or a submenu from its parent menu.
- Press **ESCAPE** key to return to the Main Menu from a menu, or a menu from a submenu.

To Scroll in a menu:
- Press **UP** key to scroll up.
- Press **DOWN** key to scroll down.

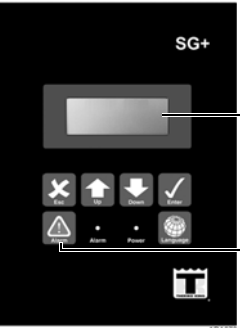**To Enter a Command or execute a task:**
- Press **ENTER** key.

To Enter a New Value in a Screen:
- Press **ENTER** key and **ESCAPE** key at the same time.

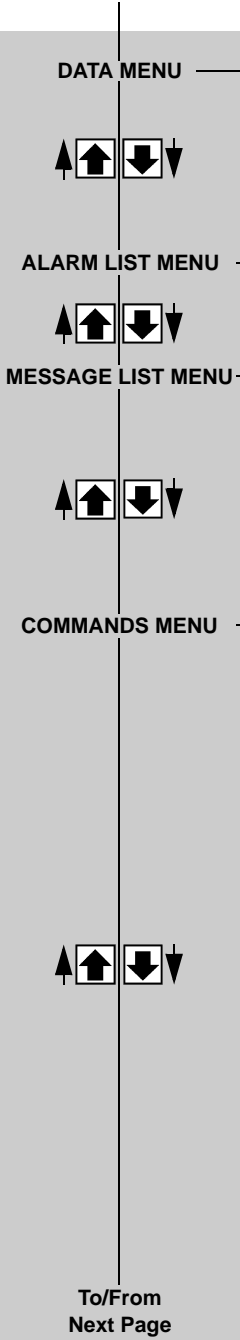**To change language**
- Press **LANGUAGE** key.

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Footnotes:

[1] "dELAy/ AC." screen indicates controller has a 2 minute delay.
[2] "RESTART IN XX MIN." screen indicates controller has stopped unit operation due to an alarm. Controller will attempt to restart unit in the time shown.

STANDARD DISPLAY

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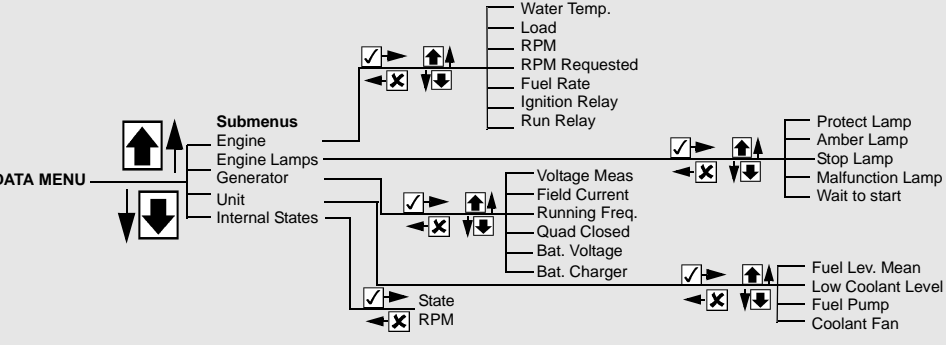
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MAIN MENU

DATA MENU

ALARM LIST MENU
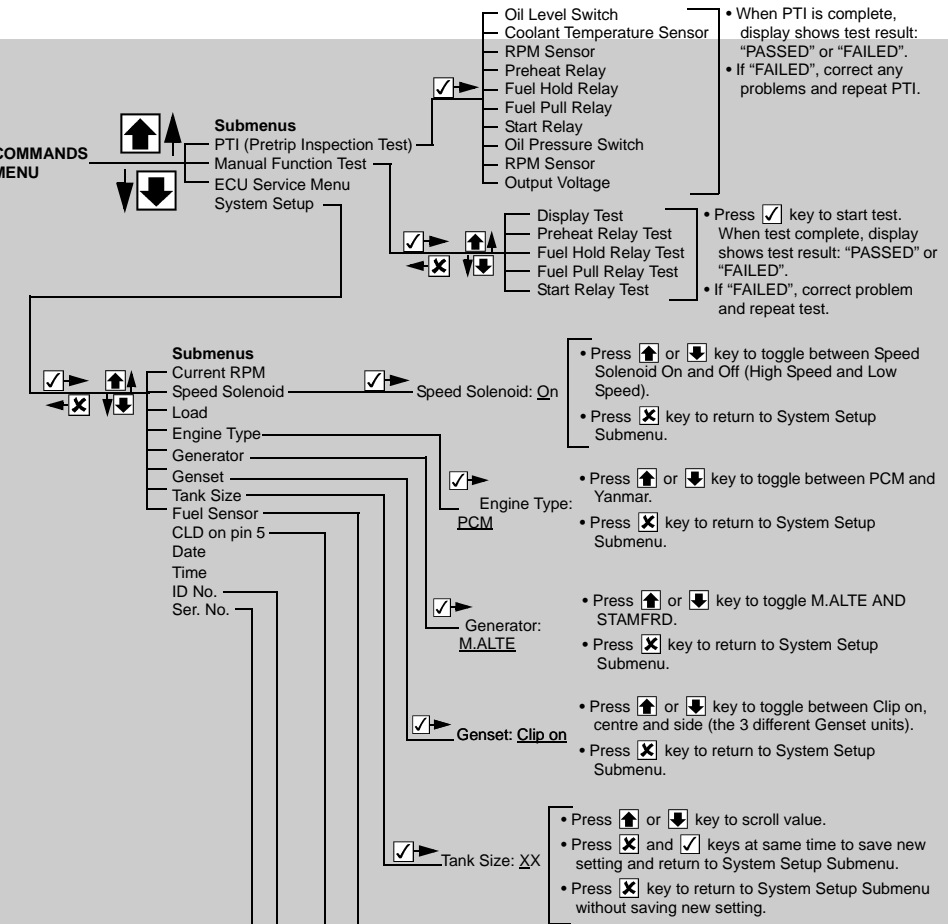
MESSAGE LIST MENU

COMMANDS MENU

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CONTROLLER MENU GUIDE

PAUSE MODE DISPLAYS — deLAY / AC[1] — RESTART IN XX MIN.[2]

ALARM LIST MENU
- Top line shows Alarm Code, and the position of the alarm and number of alarms stored in memory (e.g. "1/2").
- Middle lines show alarm text.
- Bottom line shows alarm status.
- View and write down all alarms before acknowledging.

- Press ↓ key to view additional alarms.
- Press ✓ key to acknowledge the alarm being displayed.
- Correct all problems before returning the unit to service.

DATA MENU

Submenus
- Engine
- Engine Lamps
- Generator
- Unit
- Internal States

Engine:
- Water Temp.
- Load
- RPM
- RPM Requested
- Fuel Rate
- Ignition Relay
- Run Relay

Engine Lamps:
- Protect Lamp
- Amber Lamp
- Stop Lamp
- Malfunction Lamp
- Wait to start

Generator:
- Voltage Meas
- Field Current
- Running Freq.
- Quad Closed
- Bat. Voltage
- Bat. Charger

Bat. Charger:
- Fuel Lev. Mean
- Low Coolant Level
- Fuel Pump
- Coolant Fan

Internal States:
- State
- RPM

MESSAGE LIST MENU
- Top line shows Message Code, and the position of the message and number of messages stored in memory (e.g. "1/2").
- Middle lines show message text.
- Bottom line shows message status.
- View and write down all messages before acknowledging.

- Press ↓ key to view additional messages.
- Press ✓ key to acknowledge the message being displayed.
- Correct all problems before returning the unit to service.

COMMANDS MENU

Submenus
- PTI (Pretrip Inspection Test)
- Manual Function Test
- ECU Service Menu
- System Setup

PTI:
- Oil Level Switch
- Coolant Temperature Sensor
- RPM Sensor
- Preheat Relay
- Fuel Hold Relay
- Fuel Pull Relay
- Start Relay
- Oil Pressure Switch
- RPM Sensor
- Output Voltage

- When PTI is complete, display shows test result: "PASSED" or "FAILED".
- If "FAILED", correct any problems and repeat PTI.

Manual Function Test:
- Display Test
- Preheat Relay Test
- Fuel Hold Relay Test
- Fuel Pull Relay Test
- Start Relay Test

- Press ✓ key to start test. When test complete, display shows test result: "PASSED" or "FAILED".
- If "FAILED", correct problem and repeat test.

Submenus
- Current RPM
- Speed Solenoid
- Load
- Engine Type
- Generator
- Genset
- Tank Size
- Fuel Sensor
- CLD on pin 5
- Date
- Time
- ID No.
- Ser. No.

Speed Solenoid: On
- Press ↑ or ↓ key to toggle between Speed Solenoid On and Off (High Speed and Low Speed).
- Press X key to return to System Setup Submenu.

Engine Type: PCM
- Press ↑ or ↓ key to toggle between PCM and Yanmar.
- Press X key to return to System Setup Submenu.

Generator: M.ALTE
- Press ↑ or ↓ key to toggle M.ALTE AND STAMFRD.
- Press X key to return to System Setup Submenu.

Genset: Clip on
- Press ↑ or ↓ key to toggle between Clip on, centre and side (the 3 different Genset units).
- Press X key to return to System Setup Submenu.

Tank Size: XX
- Press ↑ or ↓ key to scroll value.
- Press X and ✓ keys at same time to save new setting and return to System Setup Submenu.
- Press X key to return to System Setup Submenu without saving new setting.

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