

QUICK REFERENCE GUIDE

This documentation can be used as a quick reference guide for initial start up

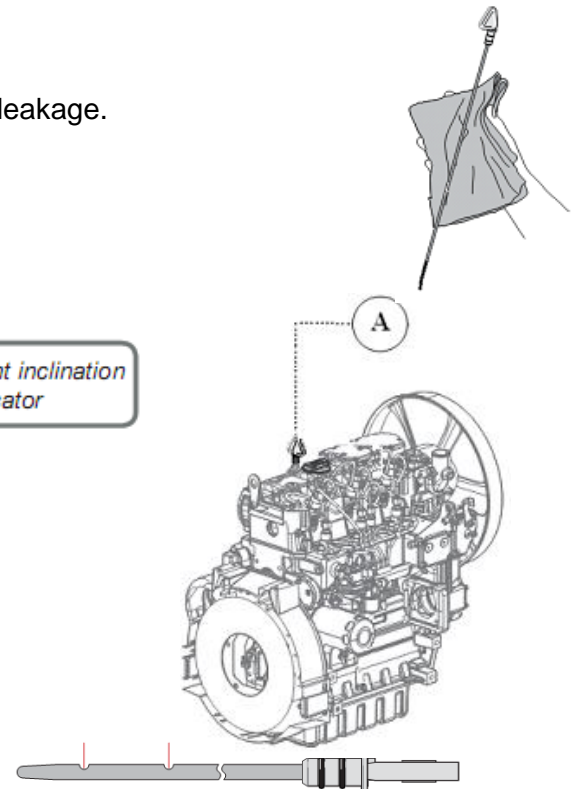
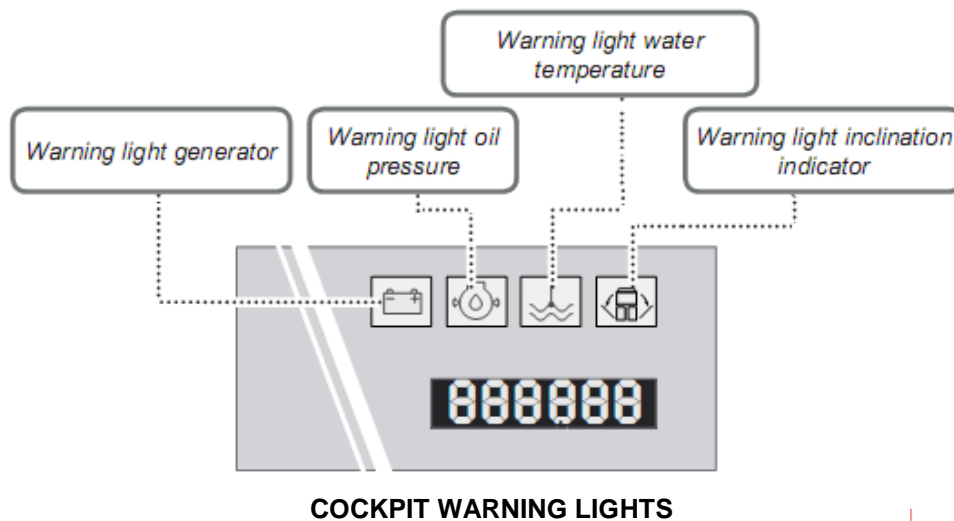
IMPORTANT

The VIPER functions will only react to the control that starts the machine *i.e.*

1. If machine is started by the infrared remote control, then machine functions will only react to the infrared remote control.
2. If machine is started by the wired manual control, then machine functions will only react to the wired manual control.

BEFORE START UP

1. As with any engine driven machine, always check engine oil level - for dipstick (*see fig. "A" below*)
2. Check engine water cooling level. **DO NOT** check with engine running or hot!
3. Become familiar with the safety features of the machine.
4. Assure the transport protection bar has been stowed.
5. Assure there is no sign of fuel, engine oil or hydraulic oil leakage.



NOTE: Assure oil level is visible within the two markings on the dipstick. Refer to manual for complete instructions on checking oil.

IMPORTANT - Before starting, assure all control levers are in the neutral position e.g. vibration and travel functions.

STARTING THE MACHINE

1. Insert key and turn to the number one position (*see below*) and wait till the display panel shows the following "S. - - 05" and the hour meter alternating back and forth.



2. Now the unit is ready to start by either the following methods:
 - a. KEY SWITCH: manually turning to the number two position (*see below*)
 - b. INFRARED REMOTE TRANSMITTER: pushing the start lever (*see below*)
 - c. WIRED MANUAL CONTROL: pressing the start button (*see below*)

DISPLAY	MEANING	LIGHTS UP:
888888	Testing the display on the cockpit	When switching the ignition on
S. - - 05	S. = Start function 05 = The address set on the machine receiver	During the starting procedure
0.0	Operating hour meter	During the starting procedure
.	Stand by mode (flashing decimal point)	During the starting procedure

STAND BY MODE

The machine reverts to stand by mode, if it is not started within 30 seconds after initial power up has completed. While in stand by mode the engine glow plug timer is (*off*) not activated, allowing the engine to cool down. If the operator attempts to immediately start the engine from stand by mode, the unit may not start and can possibly damage the starter by over cranking the engine.

Correct starting method from stand by mode is to crank over the engine once or twice, this will activate the timer module and power up the glow plugs. Wait for about ten seconds while glow plugs heat, and then engage the starter again and the engine will immediately start unless there is some other problem.

