Instructions for 907
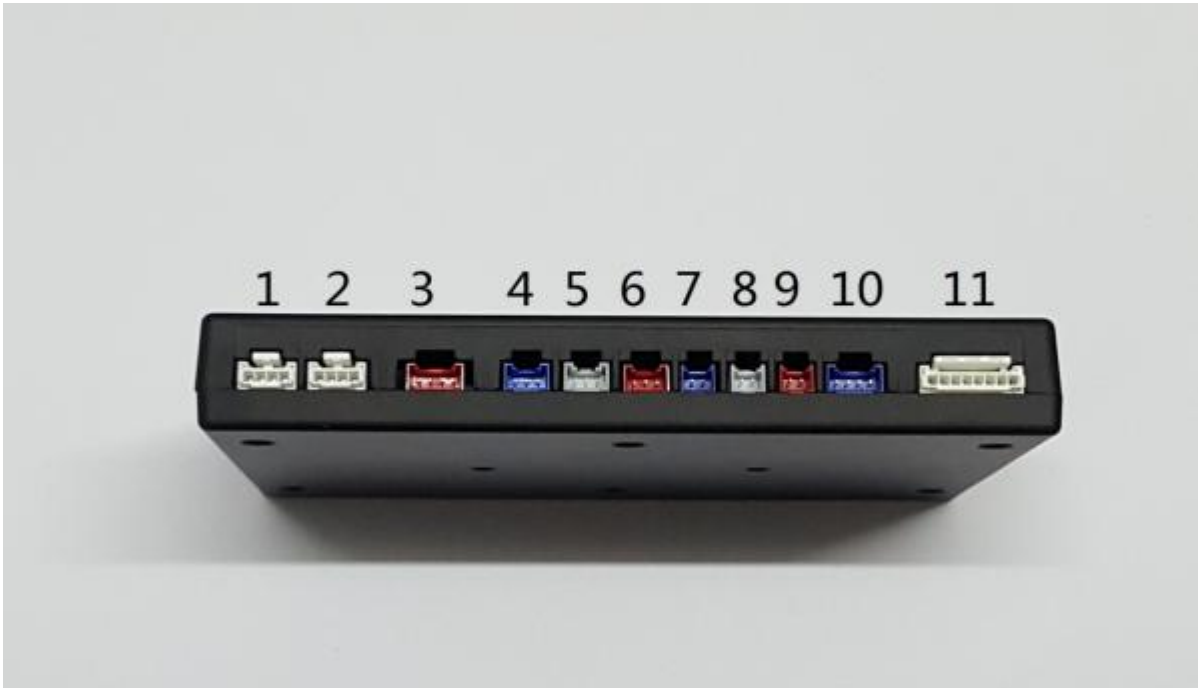

1. Instrument display
2. Senor converter
3. Control key
4. Oil pressure sensor
5. Pressure increase sensor
6. Water temperature and oil temperature sensor
7. Pressure increase sensor switch hose
8. T-junction
9. Exhaust gas temperature sensor
10. Exhaust gas temperature sensor switch nuts
11. Connection wire bundle
12. Installation bracket

Ⅰ. Description for wiring connection

1. The senor converter is provided with 11 socket as shown in the figure below:

The connection from sockets 1 to 11 is respectively:

⑴ Instrument display interface

⑵ Instrument display interface

⑶ Power supply input (red～+12V black～grounding white～ACC yellow～headlight+12V)

⑷ Pressure increase sensor (red～sensor+ ,green～signal, black～sensor-)

⑸ Oil pressure sensor (red～sensor+, green～signal, black～sensor-)

⑹ Air/fuel ratio sensor (red～sensor+, green～signal, black～sensor-)

⑺ Oil temperature sensor (green～signal, black～grounding)

⑻ Water temperature sensor (green～signal, black～grounding)

⑼ Exhaust gas temperature sensor(green～sensor+, orange～sensor-)

⑽ Speed signal (green line) and vehicle speed sensor (orange line)

⑾ Control key interface

2. The instrument sensor is provided with 4 sockets as shown in the figure below:

⑴ Senor converter interface
⑵ Senor converter interface
⑶ Backup
⑷ Backup

Ⅱ. Description of functional interface

1. After connecting with the power supply, the instrument shows interface displayed last time. The first interface is displayed as follows:

The top left corner displays current time, and the top right corner displays water temperature. The large font in the middle shows the current vehicle speed. The total mileage (ODO) is displayed at bottom left corner. And the subtotal mileage (TRIP) is displayed on at the bottom right corner. Hold down SET key on the instrument to clear TRIP. There is no method to clear ODO mileage.

2. Press SELET key on the instrument to display the second interface as shown in the figure below.

Rotating speed is shown in the line at the upper of the second interface. Air/fuel ratio is displayed in the left of the second line and the exhaust gas temperature displayed on the right of the same line. The current vehicle speed is displayed on the left of the third line with oil pressure displayed on the right.

3. Continue to press SELET key on the table head to display the third interface shown as follows:

The current alarmed oil temperature is displayed in the box on the left and below the box the current real-time oil temperature is displayed. Alarmed water temperature value is displayed in the box on the right and the real-time water temperature is displayed below the box. In the left of the line below is the turbo-charging and the right shows current speed per hour.

4. Continue to press SELET key on the table head to switch to the fourth interface shown as follows:

This is the interface for racing mode. The current rotating speed is displayed in the upper line in the form of stripe. 0-100Km/h in the middle indicates that the current racing mode is 0-100. Press SET key on the table head to select 0-100km/h or 0-200km/h. The current vehicle speed is shown on the right in the middle. The best result of acceleration time of 0-100km/h is displayed on the left side at the lower part. The result of the race this time is shown on the right.

5. Hold down SELET on the table head to display GO! On the screen as follows.

Indicate that racing beings at the moment. 0nce the vehicle speed is detected not to be 0, timing begins at once and stops until the speed is larger than 100km/h (or 200km/h). TIME position shows the time consumed in the racing. If the time is less than the best result of all races, the result this time will be recorded as the best result at the position of BEST TIME. Hold down SET key on the table head to clear the best result (BEST TIME).

6. If the control key switch is at REC position, in the first, second, third and fourth interface, press REC/PLAY key on the keyboard to activate record mode to record the parameters displayed in the current interface automatically. Press ERC/PLAY key again to stop the record. If the maximum record number is reached, it will stop automatically as shown in the figure below.


7. When the control key switch is toggled to "PLAY" position, press REC/PLAY key to redisplay the recorded data. The value displayed on the interface is the data recorded last time. Play is stopped by pressing REC/PLAY again. It stops automatically if all data is displayed as shown in the figure below:

Ⅲ. Description of interface setting

1. Press SELECT and SET keys on instrument display at the same time to enter the display setting Interface as shown in the figure below:
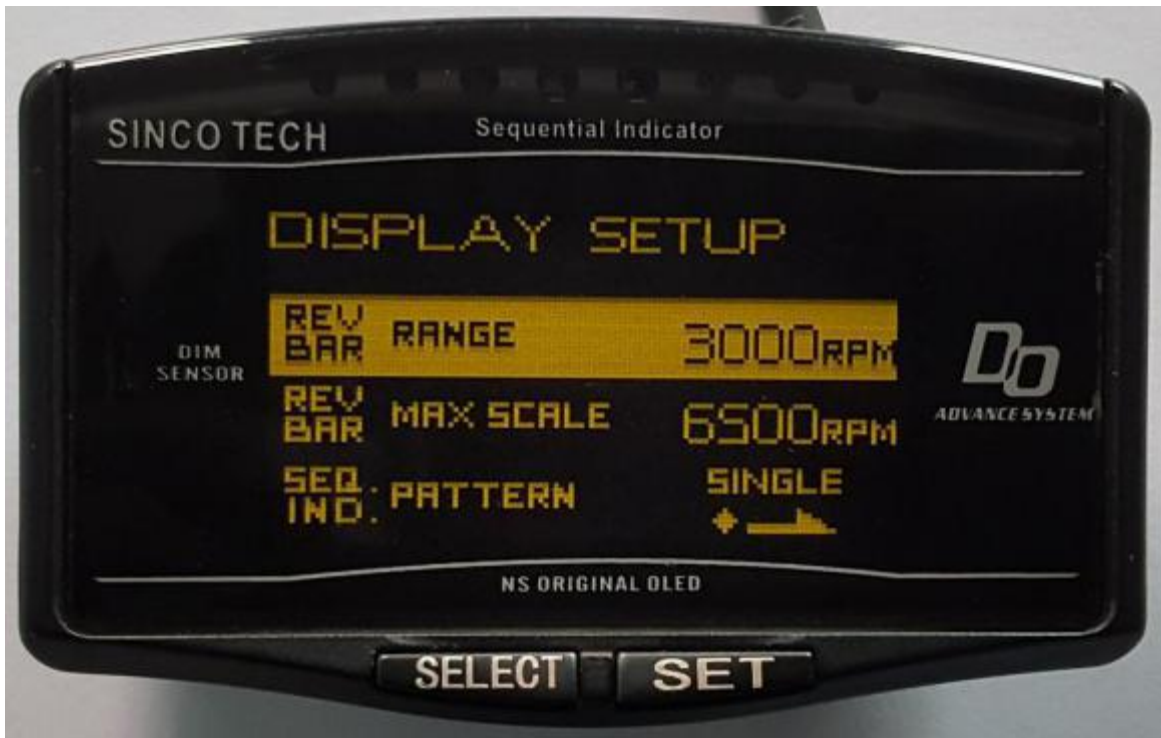
　⑴ Press SELECT key on instrument display to scroll the reverse display area downwards. Press SET key to change corresponding parameters.

　⑵ REVBAR RANGE---the parameters provides setting for the rotating speed scope

displayed in rotating speed display bar in the fourth interface and may be set as 3000 or 4000.

⑶ REVBAE MAX SCALE---the parameter provides setting of the maximum value of rotating speed bar in the fourth interface and may be set to 11000RPM with 500 as the stepping.

⑷ Above two parameters are combined to set the display scope of the rotating bar. If it is set as 4000 with maximum value 6000RPM, it indicates the maximum value of the rotating speed bar is 6000RPM. The display scope is 4000RPM and the rotating speed bar displays from 2000RPM to 6000RPM.

⑸ SEQIND PATTERN ---the parameters provides setting for the illuminating mode of LED lamp. SINGLE indicates illuminating unidirectionally from the left to the right. DUAL indicates two-way illuminating from the middle to the left and right.

⑹SEQIND SETP---the parameter indicates the rotating speed interval between two lamps. The parameter is combined with the alarm rotating speed in the alarm interface (detailed description below) to set the illuminating condition of LED lamps.

⑺DISPLAY WARNING BUZZER---the parameter is used to set whether the alarm is valid. Set as OFF to shield all alarms. Set as OK to allow the buzzer to give out alarm when the alarm condition is met. (The alarm condition is set in the alarm interface).

⑻. After completion of setting, Press SELECT and SET keys on instrument display at the same time to exit from setting interface.

2. Toggle the switch on the keyboard to SET position; Hold down REC/PLAY key to allow the system to enter the system setup interface as shown in the figure below:

⑴ Press REC/PLAY on control key to scroll the reverse display bar downwards. Press DIM/RESET keys to set current parameters.

⑵ UNIT—the item is used to set the display unit.

⑶ SPEED PULSES—the item displays the calibration value of vehicle speed. The ratio between the speed displayed on vehicle instrument panel and that displayed at table head is multiplied by 10 to obtain the calibration value. For example, the speed on instrument panel is 40km/h and the speed displayed at table head is 30km/h, the calibration value here is 40/30*10=13. Then change the calibration value to 13. The value displayed at table head is consistent with that on speedometer.

⑷ ENGINE CYLINDERS—the parameter provides the setting for cylinder number and may be set 1-8. Different cylinder number affects calculation of rotating speed.

(5) DIMMER---the parameter provides setting for backlight state. AUTO indicates automatic and the table head induces the light automatically. When the light is less, the key backlight will be on automatically and the OLED screen brightness is lowered. If it is set as MANUAL, it is the manual. Under manual mode, the backlight is determined according to wire state of LIGHT. If LIGHT is 12V, the backlight is on and if it is 0V, the backlight is off. (LIGHT wire should be connected the light wire of the vehicle).

(6) CLOCK—The parameter is used to adjustment time. Press SELET key to adjust the position for adjustment and press SET key for adjustment.

(7) After setting is completed, hold down REC/PLAY key to exist from system setup interface.

3. Toggle the switch on the keyboard to SET position; Hold down REC/PLAY key to enter alarm setting interface as shown in the figure below;

⑴ Press REC/PLAY key to select the parameters to be adjusted. Press PEAK or DIM/RESET key to set the alarm parameters.

⑵ TACHO---set the rotating speed value for alarm.　The rotating speed for alarm is also the rotating speed for illuminating of all LED lamps.

⑶ OIL PRESS—set the oil pressure value for alarm.

⑷ OIL TEMP---set the oil temperature value for alarm.

⑸WATER TEMP---set the water temperature value for alarm.

(6)AIR FUEL---set the air/fuel ratio for alarm.

(7)EXT.TEMP---set the exhaust gas temperature value for alarm;

(8)TURBO---set the turbo charging value for alarm.

(9)After setting is completed, hold down REC/PLAY key to exist from alarm setting interface.

Note: When the display unit changes, the alarm value will not change the unit synchronously！ For example, if it is set as 100℃ for alarm, when the unit is changed to ℉ for display, the alarm value is 100℉ instead of 212℉ accordingly. Attention should be paid!