

(Table 1) Connection Schematics

	Function Description	SENTECH ALX 3000 Cables	GULERYUZ VEHICLE Cables	Con. Position on Vehicle Side
1	Battery feed (KL-30): Continuous Battery Supply nominal +24V	Red/ Cable	ALK KL30(Red)	Fuse Card, Fuse 1
2	Ground (KL-31)	Black/ Cable	GND (Brown)	Brown (Chassis)
3	Ignition (KL-15)	Blue/ Cable	ALK KL15 (Black)	Fuse Card, Fuse 5
4	Start Relay In	Gray/ Cable	Marş Giriş ALK (White)	Rear Bord Comb. Socket 5, Pin 18
5	Start Relay Out	Brown/ Cable	Marş Çıkış ALK (White)	Rear Board Comb Socket 5, Pin
6	Override	GND: Black SW: Orange		Red Button

Safety risks at installation and items to be considered

The vehicle power switch shall be turned off against short circuits and shock.

Assembly Instruction

Unlock the two locks on the dashboard cover as shown in Figure 1, which is located next to the driver's seat.

Find the 63N025 numbered alcohol lock connector which is shown in Figure 6. For the vehicles that will be sent with the alcoholmeter wiring harness, please remove the jumper cable in the 63N025 connector as shown in Figure 7. Insert the cables into the connector numbered 63N025 according to the pin numbers indicated in Table 1.(Kindly ensure that the SENTECH ALX 3000 cables and Güteryüz vehicle cables are connected in the connector as depicted in the connection schematic, with the cables in the same row being connected in a mirrored manner) Once the connector is connected, the ECU will activate.

Mount the Control Unit as shown in Figure 3. Then install the ethernet cable along the route shown in Figure 4 by taking the exit from the position in Figure 3.

Mount the Handset device to the previously prepared position as shown in Figure 5 and make the ethernet connection.

Control Unit protection fuses are Fuse 1 and Fuse 5 located on Fuse Card shown in Figure 2.

The alcohol meter wiring is located in socket 5 on the rear panel (This connection had already been made from Guleryuz's side for all situations, the rear panel is located in the area marked in Figure 8, and the socket is located in the area marked in Figure 9)

	<p><u>Modification of vehicle operation</u></p> <p>The start button must be pressed for the vehicle to start. The alcohol interlock completes the connection between the ignition and the starter relay, allowing the vehicle to start. In the absence of an alcohol interlock, the circuit must be physically shorted. Shorting the Start Relay In and Start Relay Out wires makes the physical connection. (As shown in Figure 7)</p> <p>In case of a malfunction in the alcohol lock control unit, the vehicle can be started for one time by pressing the connected override button. After pressing the button, the vehicle must be taken to the nearest service point. Otherwise, it will not be restarted.</p>
	<p><u>Mounting position of alcohol interlock handset and the alcohol interlock control-unit</u></p> <p>Position of the alcohol interlock control unit show in Figure 3. The position of the handset should be on the left side of the driver's console as shown in Figure 5.</p>



Figure 1



Figure 2

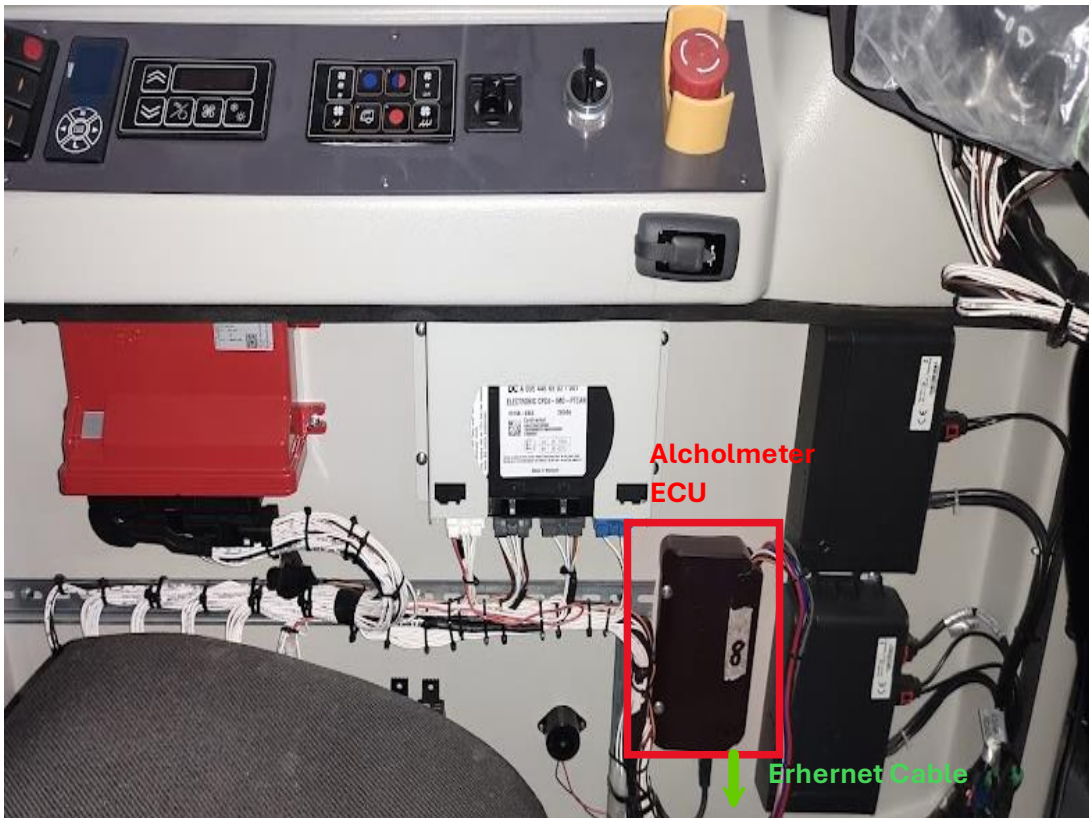


Figure 3



Figure 4

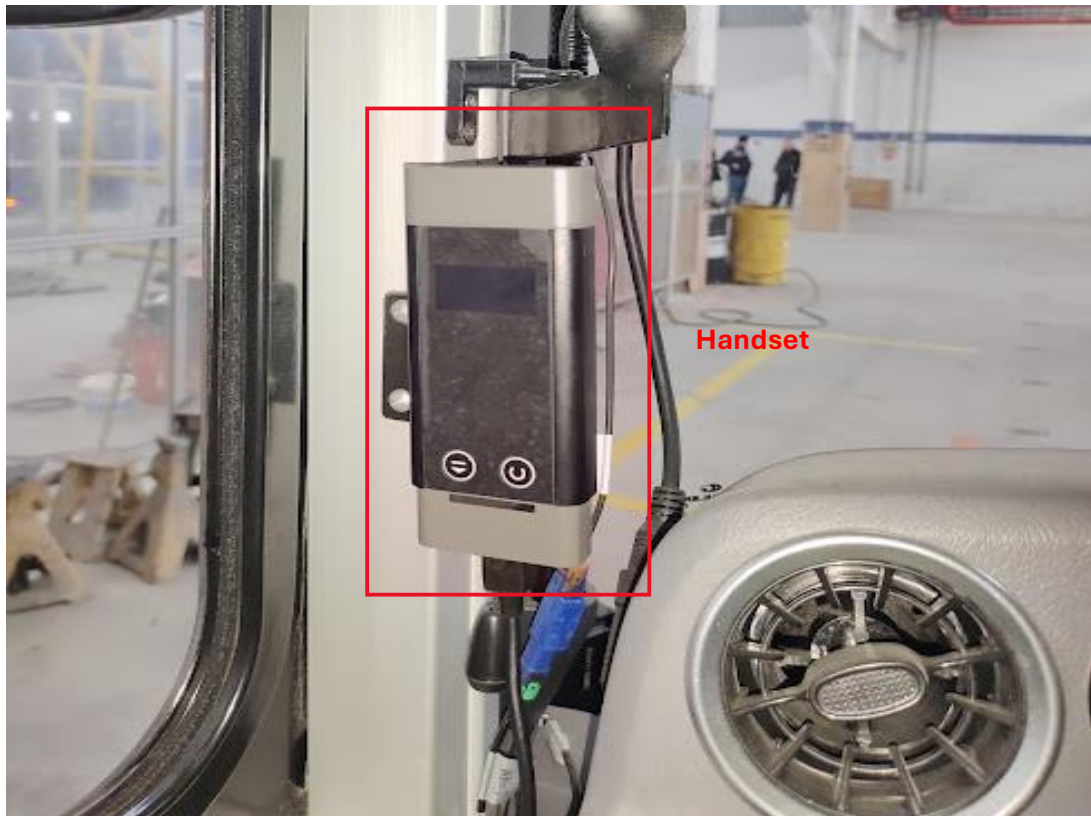


Figure 5



Figure 6



Figure 7



Figure 8

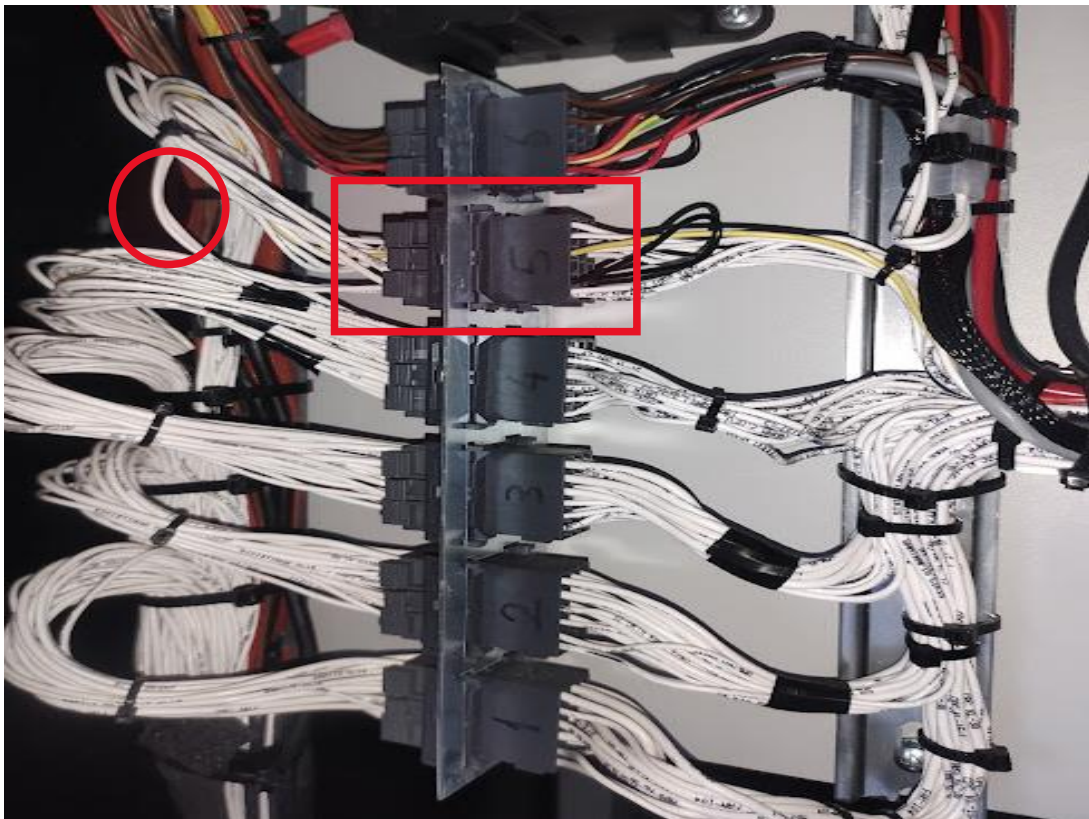


Figure 9

General Wiring Diagram for EST (Engine Start Trigger) Installation

