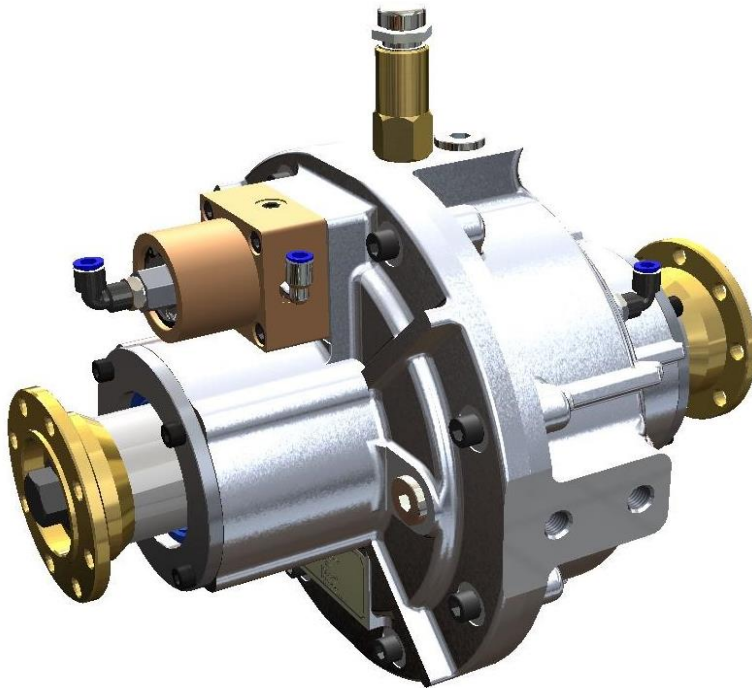




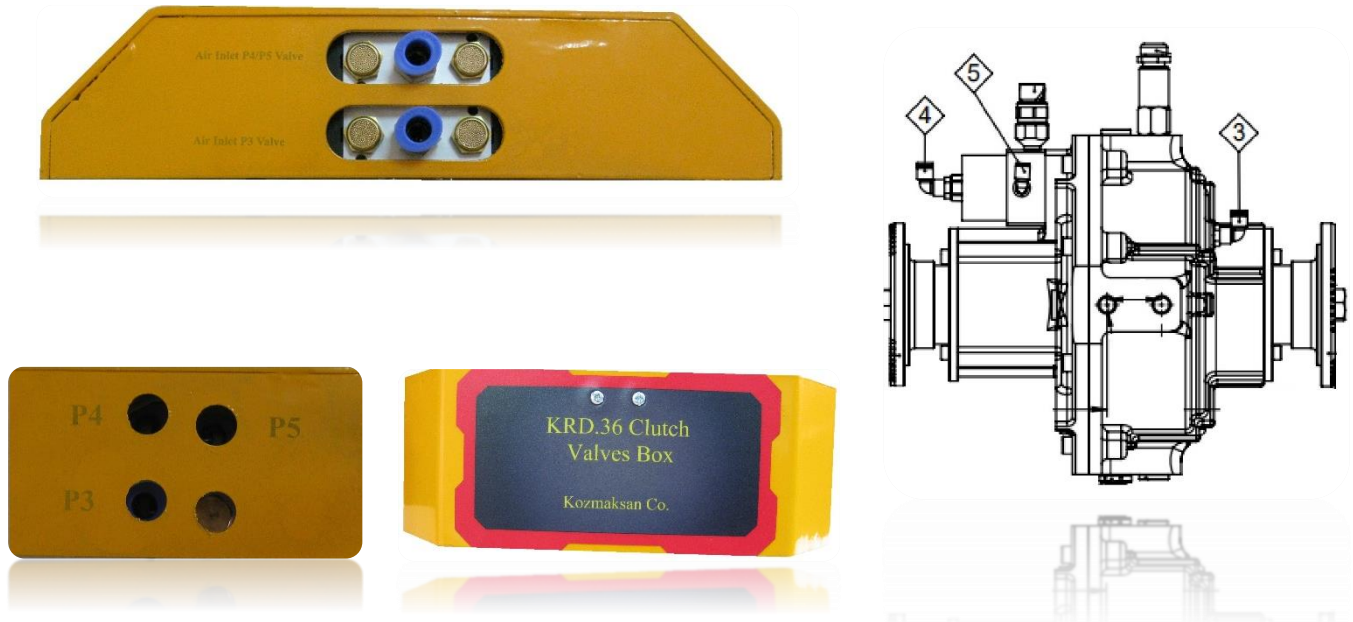
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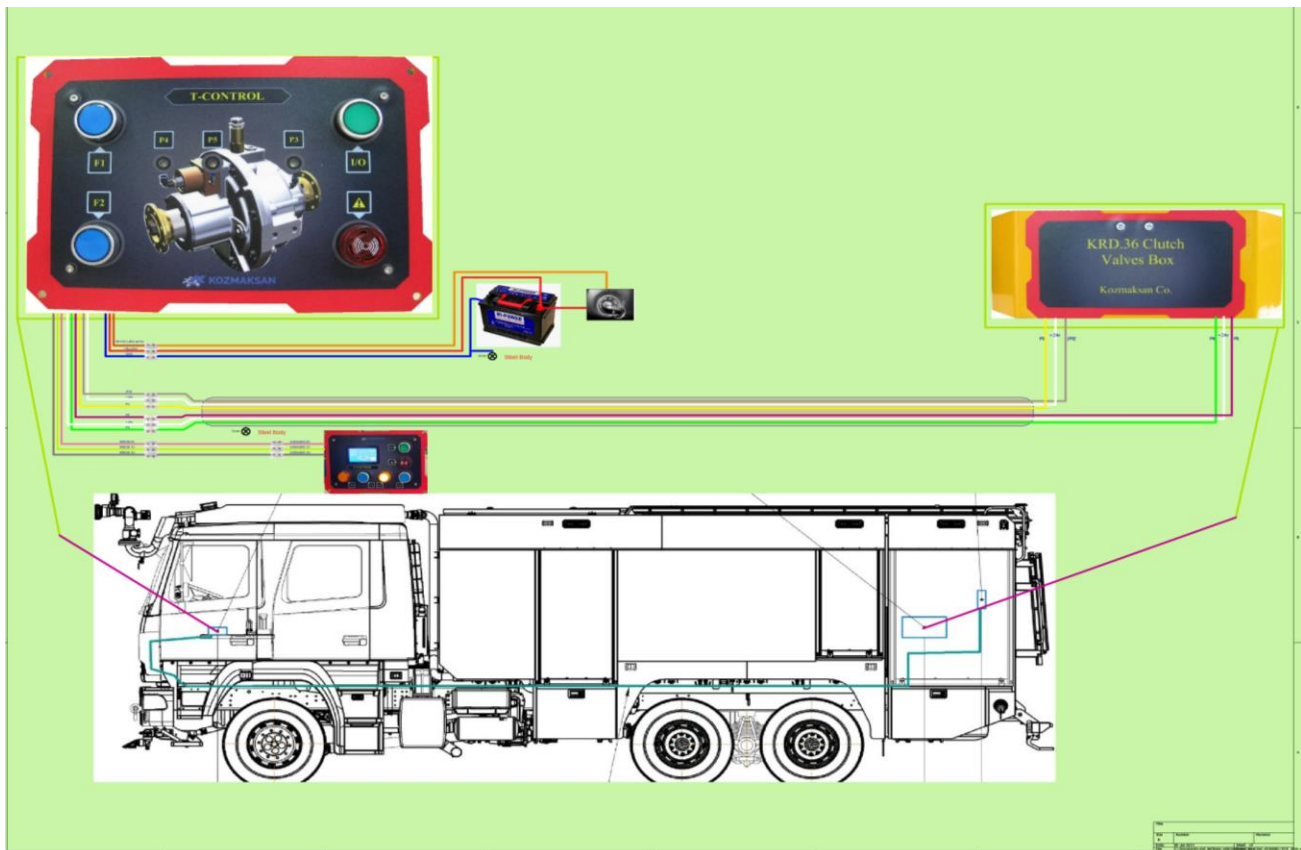
User Manual Guide for KRD.36 S-Control Panels

1) How to Install:

- 1-1) **Valve Boxes:** Please install Valve box on your chassis. There a valve box which including 2 solenoid valves All valves are work with 24 volts according to costumer's order. Enter air into valves and get air from 3 outputs of valves then enter air into 3 elbows on KRD.36 according to the pictures.



- 1-2) **Control Panel:** Please install the Panel into the cabin according to the wiring diagram. (Also, we will send you the wiring diagrams in another file separately.)



2) How to Start:

- 2-1) **Starting the panel:** You can start the panel by pushing I/O button (**GREEN**).
- 2-2) **Checking Valves Wiring:** The system automatically checks wiring of valves and if there is any problem in wiring of any valve, the **Alarm Light** and **Buzzer** will be lit up. For fixing the problem, please turn the panel off using I/O Button. And after fixing start the panel again.

➤ **Please note that both of the systems will start in disengage state.**



3) How to change state of KRD.36:

3-1) Engaging: Push the **F1** Button to **Engage** (**F1** Light lit up). Automatic unit will automatically engage the clutch for 5 seconds. In this stage **GREEN LED** is lit up. And then engages the Mechanical lock. In this stage **BLUE LED** is lit up. 2 seconds after mechanical locking, the unit will disengage the clutch automatically. (Mechanical Locking is engaged and the clutch is disengaged)

➤ **Please note that the input RPM of the KRD.36 must be less than 1000 RPM when pushing the button.**

3-2) Disengaging: Push the **F2** Button to **Disengage** (**F2** Light lit up). Automatic unit will automatically disengage the mechanical lock. In this stage **RED LED** is lit up. (Both Mechanical locking and the clutch is disengaged)

➤ **Please note that the input RPM of the KRD.36 must be less than 1000 RPM when pushing the button.**

4) How to Stop the KRD.36 control panel:

4-1) Turning off the panel: You can turn off the panel by pushing I/O button (**GREEN**). The system will automatically **Disengage** KRD.36 and then turns off.

- If you turn the vehicle off before turning the panel off, the panel will automatically disengage the KRD.36 and you will not be able to change the state until the vehicle is turned off.
- **Please note that if 24 V power outage occurs, system will continue the state until the power is disconnected. When the power is connected to the panels again, the KRD.36 will be in the same state before the power outage.**