

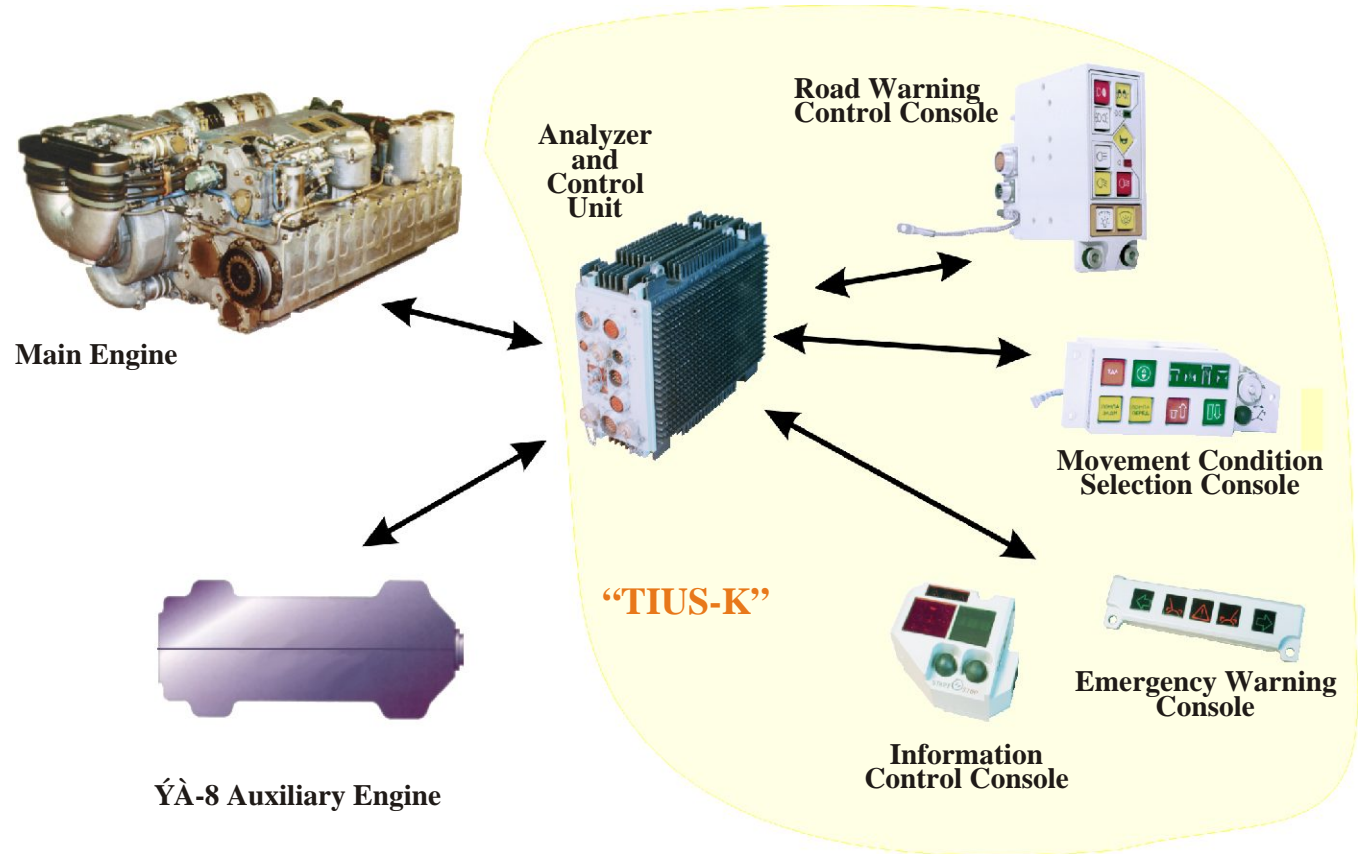
“TIUS-K” MAIN AND AUXILIARY ENGINES CONTROL SUBSYSTEM

Designation

“TIUS-K” is designated for increasing the parameters of tank mobility, automation of the energy aggregate's start, shutoff and operation process, control and indication of the current and emergency parameters of the main engine and energy aggregate engine as well as blockage of emergency state of the main engine operation.

“TIUS-K” consists of:

- analyzer and control unit;
- information control console;
- road warning control console;
- movement conditions selection console;
- emergency warning console.



Description

“TIUS-K” provides the following:

- 1) Control over the parameters of the main engine and protection of its systems at coming into operation of the emergency parameters;
- 2) Control over start and shutoff of the auxiliary engine of the energy aggregate and control over its parameters, control over the selection of permissible load on generator according to the temperature of the cooling liquid of the energy aggregate.
- 3) Control over air intake tube with the reflection of its layout.
- 4) Control over road warning, heating and cleaning of observation equipment, indoor and outdoor lighting.
- 5) Reflection of emergency parameters of the main and auxiliary engines, overhaul of the tube over the tank case.
- 6) Selection of the tank movement conditions.