



KOBRA

Auxiliary power unit



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Auxiliary power unit

Description of the system

Auxiliary Power Unit (APU) is a system used in tanks and other armored vehicles, that provides power supply and optionally the drive of the air conditioner compressor, independently from the main engine.

The solution ensures significant savings in running costs, as the engine uses considerably less fuel, is quieter and does not emit large volumes of heat.

KOBRA is a modern auxiliary power unit for combat vehicles, that provides electric power, technical support and electric compressor's drive.

KOBRA complies with all standards and requirements for power systems in military vehicles.

Advantages

- Allows to maintain full fighting performance of the vehicle's equipment (standby of stabilization drives, SKO and operation of means of communication)
- Low levels of electromagnetic and heat emission, noise and vibrations
- Reduced consumption of main engine parts and engaged units
- Significant reduction in fuel consumption
- Ability to start-up the main engine with a low battery charge level
- Increased effectiveness of charging the battery
- Permanently available air condition (optional)
- APU components can be adjusted to the existing compartment (case)

