



KOBRA

Auxiliary power unit



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Description of the device

In tanks and other armored cars one can build Auxiliary Power Unit, which enables supply with electric energy and optionally the drive of air-conditioner's compressor irrespectively from work of the main engine. Application of such a system enables obtaining significant exploitation savings (the system engine consumes significantly less fuel, it is more silent and does not emit large amount of heat).

KOBRA is a modern system of auxiliary supply in electric energy of armored vehicles or technical support alongside with the possibility to drive air-conditioner's compressor. KOBRA complies with all norms and requirements provided for power systems in military vehicles.

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Advantages

- ≡ It enables maintenance of full efficiency of the vehicle equipment (it enables standby of stabilization, SKO and work of communication centres).
- ≡ Low level of electromagnetic emission, noise and trembles.
- ≡ Decrease in use of a part of the main engine and systems cooperating with it.
- ≡ Significant decrease in fuel consumption.
- ≡ The possibility to launch the main engine in low level of charge or even without accumulators.
- ≡ Increase in efficiency of recharging accumulators (increase in lifespan).
- ≡ Constantly available air-conditioning (option)
- ≡ Elements of APU may be adjusted to the existing segment (casing).

