ZOOM

GENUINE BATTERY

PURE ENERGY IN THE FIELD

» **STEYR MAKES THE DIFFERENCE. LET'S SEE HOW.**

STEYR Genuine Parts

STEYR TRAKTOREN

THE KEY ROLE OF THE BATTERY.

Your battery has a key role because it represents the interface of all other components, allowing **efficient energy storage and prompt delivery of power for your machine**. The original CNH batteries are continuously updated to fit the STEYR application to be perfectly integrated for the specific electric network of each machine.

BATTERY STRUCTURE

1. Positive and negative grid in Pb Ca metal alloy obtained by rolling.
2. High efficiency positive plate.
3. Ultra-thin negative plate.
4. Separator envelope.
5. Reinforced connections.
6. Automatic assembly of the unit.
7. Lid closure with special labyrinth.
8. Handle.
9. High-strength polypropylene container and lid.

WHY CHOOSE GENUINE STEYR BATTERIES?

Genuine STEYR batteries are manufactured exclusively from selected, superior quality materials by means of automatic manufacturing processes. This means we have a wide range of innovative and reliable products for trouble-free starting even under difficult weather conditions. The batteries have optimum vibration resistance and twice the resistance to charging and discharging. All the features are to ensure your machine is receiving the right power and to provide less wear and tear over time.

THE RIGHT PRODUCT FOR THE RIGHT APPLICATION: NO COMPROMISE.

	PRODUCT TECHNICAL FEATURES	BENEFITS
1	Grids design and manufacturing technology specific for each application and "3DX" grids tech for lower internal resistance.	High cyclability, longer battery life, minimum maintenance, more cranking attempts in cold conditions.
2	Higher efficient positive plates specific for each application.	High cyclability, stable performances, resistance at the temperature.
3	High performing and resistant envelope separator.	Longer battery life, more cranking attempts in extreme conditions.
4	Charge acceptance improved negative plates.	Higher battery performances, quicker and better recharge, longer storage.
5	Reinforced connections, robust group design.	Higher vibration resistance, longer battery life.
6	Plugs with labyrinth.	Acid leakage prevention and lower water consumption.
7	Central degassing with flame arrestor.	Prevent ignition from external sources.

STEYR BATTERIES HAVE THE HIGHEST CRANKING CURRENT (AMPERE).

What is Cold Cranking Ability (CCA) and why is it so important?

- Cold-Cranking Amps (CCA) refers to a rating system that defines the battery's ability to start or crank an engine in cold temperatures. You can find the CCA number on the battery label (eg. 1250A or 1200A or 850A, and more).
- For machines that need to be started frequently in cold conditions, this is crucial to have because cold weather can have a strong impact on a battery's ability to start. Without the correct battery model (and keeping it properly maintained) there is a high risk of it not starting!

Genuine STEYR batteries

DESIGNED TO FIT

INTERNAL RESISTANCE ADAPTED TO THE POWER OF THE STARTER

OPTIMISED CHARGING BEHAVIOR AT ANY TEMPERATURE

ROBUST DESIGN ALLOWING DIFFERENT CRANKING ATTEMPTS IN EXTREME CONDITIONS

INCREASED LIFETIME WORKING AT HIGH TEMP

EXTENDED STORAGE IN OPEN CIRCUIT

MAINTENANCE FREE AND 100% RECYCLABLE

Cheap and universal batteries

ISSUES WITH SIZES AND FITTING

CRANKING OF THE ENGINE BECOMES DIFFICULT

QUICKER WEAR OF THE BATTERY

ELECTRICAL COMPONENTS OF THE CIRCUIT BECOME UNSTABLE

POOR PERFORMANCE OF ELECTRIC LOADS

REQUIRES FREQUENT MAINTENANCE & REFILLING

REQUIRES FREQUENT RECHARGES

ACID LEAKAGE

RECOMMENDATIONS FOR USE.

STORAGE IS A HUGE ENEMY OF THE BATTERY:
A STORED BATTERY IS A SULPHATING BATTERY.
One of the main causes of malfunction is the sulfatation due to extended downtime usually out of season. The sulfatation is the buildup of lead sulfate on the electrodes (lead plates).
When the battery discharges, sulfates are deposited on the plates where they harden, leading a loss of the performance of the battery and in extreme cases a total breakdown.

Follow these tips to avoid the battery discharging:

- **Charge regularly the battery before and during a period of storage or non-use**
- **Store batteries in a clean and dry place (10/20°).**
- **Check the state of charge + voltage regularly with a tensioner.**

If Sulphation Occurs:

- **Clean the battery terminals by removing traces of sulphate with a wire brush or sandpaper.**
- **To avoid the reappearance of the sulphate, use a universal grease or copper grease to coat the terminals.**

GOOD STORAGE IS THE KEY TO AVOID EXTRA COSTS!

LET'S STAY IN TOUCH

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