



SMITTYBILT TECHNICAL UPDATE

DATE 11-18-16

APPLICATION 2786 EPS GENERATOR

PART NO. 2786

TECHNICAL ISSUE

Generator will not crank over, battery dead.

CORRECTIVE ACTION

Batteries have a limited shelf life, it's possible that generators have been sitting on the shelf for 18+ months before being sold to end users.

1. Charge the battery using an AGM approved battery charger. Always monitor the battery being charged. DO NOT charge at a rate higher than 1.95 AMPS.
2. Batteries when not in use need to be placed on an AGM approved battery maintainer. Failure to do so will greatly reduce battery life. If generator is not being used for more than 14 days, place battery on charger and drain gas from carburetor.
3. If a battery has a low voltage (below 10.5 volts) or a battery that wont hold/accept charge should be removed from service immediately.
4. Call Smittybilt for replacement batteries (part# 2786-17)and troubleshooting.

EXPECTED CORRECTION TIME

Corrected. See Corrective Action (above)

14 Days 30 Days 60 Days 90 Days

REQUIRES PART NOTE IN ISIS

YES NO

NOTES:

CONTACT TECH SUPPORT
FOR FURTHER QUESTIONS:
tech@smittybilt.com (800) 776-0767



The EPS generator battery is a maintenance-free, sealed lead-acid battery. It is an airtight battery that contains captured electrolyte.

Batteries leave the factory in a full-charged state, and can be stored for up to 18 months at 75°F. Higher storage temperatures will cause the battery to discharge rapidly. When stored, every increase of 50°F will double the self-discharge rate of the battery. Never store batteries above 113°F. ALWAYS recharge a low battery before installation or use.

If a battery has a low voltage (below 10.5 volts) or a battery that wont hold/accept charge should be removed from service immediatly. There are some special chargers which may bring a battery back to life after it has gone below 10.5 volts, but generally that low of voltage will cause a rapid hard sulfation , which will destory a battery.

BULK charge should be at 14.6 to 14.8 volts and should not exceed 1.95 AMPS. Charging should stop when the charging current has become very small and has been stable for 3 hours. (the charging time should be around 15 hours)

FLOAT/maintainer charge should be at 13.6 to 13.8 volts. The charge current of FLOAT charging need not be controlled, as the battery is self-limiting at this voltage. Your battery can remain connected, in this stage indefinitely.

The generator will provide a small charge to the battery when running but will not fully charge a discharged battery. You must bulk charge a highly discharged battery and float charge the battery when not being used.

CAUTION

It is best to place the battery in use as soon as possible or to charge battery every 3 months to prolong battery service life.

Disconnecting battery from generator and placing on a FLOAT charger/ battery maintainer is recommend during any times of non-operation

WARNING

It is very important that the cell plugs are never removed, nor any water ever added to a cell. Doing so will void your warranty. Batteries have a 1 year warranty.