


# GENERIC CHECKLIST – PTO – Driven Generator

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## Connecting Procedure

- Check for downed lines.
- Check with utility on expected length of outage.
- Ensure all connections to outside power sources are disconnected.
- Use proper connection cable.
- Use proper grounding cable.
- Use only approved connectors and receptacles.
- Ensure proper alignment of PTO shaft.

- Set tractor brakes before operating generator.

 **Caution** Always locate and operate your generator in accordance with the manufacturer's instructions as outlined in the operator's manual.

- For continuous operation, run at no more than 80% capacity.
- Keep tractor fully fuelled at all times.

 **Warning** Consult the generator manufacturer's instructions as found in the owner's manual before refueling your generator.

- After shut down, store PTO shaft with generator.

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## Start-Up Procedure

- Check all fluid levels.
- Connect tractor to generator.
- Connect power cable.
- Start tractor and adjust PTO speed to proper RPM (either 540 or 1000).
- Place transfer switch in emergency position.
- Add loads.

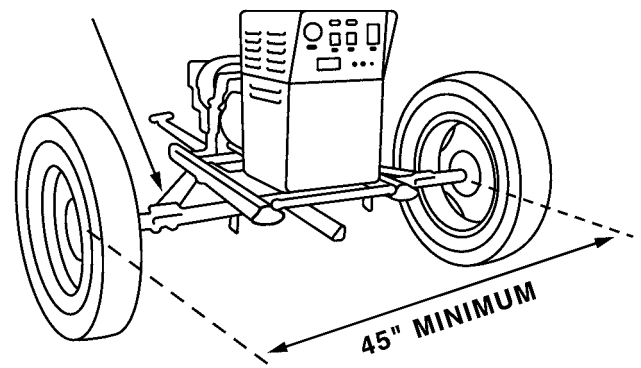
- Adjust tractor speed to maintain 60 Hertz.
- Monitor voltage and frequency.
- After utility power is restored, return transfer switch to normal.
- Allow 5 minutes for generator cool down.
- Disengage PTO lever.
- Remove connector power cable.

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## Exercising the PTO-Driven Generator

- Exercise the PTO generator every 90 days.
- Check all fluid levels.
- Following start-up procedure, start and run engine for 5 minutes with no load.
- Operate the generator under at least 50% load for 30 minutes.
- Check for any abnormalities and remedy as necessary.
- Remove load and run at rated speed and no load for a 5 minute cool down period.
- Record results in log.

**HEAVY DUTY TRAILER**



**Ensure PTO generator trailer is sized to prevent flip over.**

[Refer to your Owner's Manual for details]

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