



**ACE PUMP
CORPORATION**

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RELIABILITY
PERFORMANCE
PRODUCTIVITY

Engine / Pump Mounting Suggestions

Ace Pumps offers the following general mounting suggestion for our gas engine driven pumps. You should consult your specific engine supplier's technical documentation for more specific requirements. Following the engine manufacturer's recommendations is critical to insure safe operation and warranty coverage.

Engine to frame mounting

1. Use an engine bed or frame with enough rigidity to allow durability of the engine and attachment installation.
2. The engine must not wobble on the engine bed. Use an engine bed or frame that provides a flat surface for the engine to be mounted on. If there is a gap between the engine and the engine bed, the engine-mounting surface may be damaged.
3. Utilize flat washers on the portion of the mounting bolt that contacts the engine mounting surface to distribute the load evenly.
4. Utilize nylon locking nuts on the engine mounting bolts.

Electrical System (For electric start engines)

1. Use a Battery with a minimum capacity of 24 amp hours.
2. Positive Battery Cable: AWG No. 4 wire maximum length is 5 ft.
3. Negative Battery Cable: AWG No.4 wire maximum length is 7.5 ft.
4. Connect the positive battery cable to the starter solenoid.
5. Protect positive electrical connections with a cover or insulation.
6. Connect the negative cable to the engine crankcase or engine frame mounting bolt.

Engine Enclosures

If the engine/pump assembly is to be mounted in an enclosure: The engine manufacturer or their technical support documents must be consulted for the necessary safety precautions and air flow requirements.

Additional Information

For proper engine operation and safety instructions refer to the engine owner's manual shipped with the engine pump combination.

Additional engine owner's manuals, replacement part information, repair, and support information may be found here:

- Honda www.engines.honda.com/parts-and-support/
- Briggs & Stratton www.briggsandstratton.com/support/