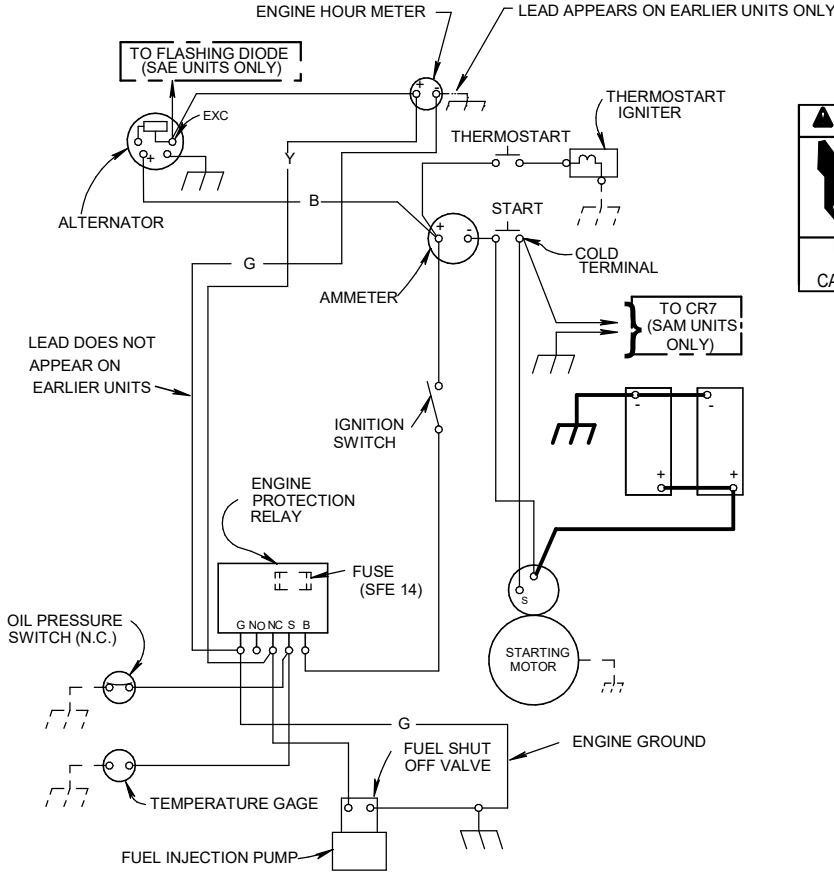


# SAE 400 WIRING DIAGRAM M16522 REV: U



## GENERAL MAINTENANCE INSTRUCTIONS FOR ENGINE AND MOTOR DRIVEN ARC WELDING POWER SOURCES

	<p><b>WARNING:</b></p> <ul style="list-style-type: none"> <li>• Have only qualified personnel perform maintenance work.</li> <li>• Turn the engine or input power OFF before maintenance work unless the maintenance work requires it to be running.</li> <li>• Keep hands, hair, clothing and tools away from moving parts, and insure all guards or covers are replaced after servicing.</li> </ul>
	<p><b>MOVING PARTS CAN INJURE</b></p>

<p><b>WARNING</b></p>
<p>Uncontrolled release of door restraint cords can cause injury.</p> <ul style="list-style-type: none"> <li>• Keep secure hold of cord, and keep face away from cord when hooking or releasing hook.</li> </ul>

### MAINTENANCE INSTRUCTIONS

#### DAILY CHECKS:

- Electrode and work connections are tight.
- Rotate the current control twice to clean contacts.
- All equipment in serviceable condition.
- Engine oil, coolant, air cleaner and fuel strainer are at proper operating level and clean.

#### AS REQUIRED:

- Blow dust from the machine using clean low pressure air.
- Clean commutators or slip rings with fine sandpaper- NOT EMERY CLOTH. See the Operating Manual for instructions.
- Replace brushes before the pigtail is within 1/4" of the commutator. 1/4" of the commutator. See the Operating Manual for instructions.
- Grease may be added to bearings no more than once a year. See instructions in the Operating Manual.

