Routing wires through the sealed junction box greatly reduces corrosion on wire connections. Used with the 3500 Series and ProTrap® systems.

**NOTE:** Use junction boxes on trailers with two or more hoppers.

**STEP 1:** Insert 1/4" X 1" cap screw through top hole in back plate and secure with nut.

**NOTE:** Place back plate into junction box before installing circuit breaker.

**STEP 2:** Place back plate loosely into junction box.

**STEP 3:** Fasten circuit breaker and gasket to bottom of junction box with supplied screws, washers and nuts.

**STEP 4:** Fasten mounting plate to junction box with #10 X 1/2" cap screws and nut/washers.

**STEP 5:** Install rubber grommets into holes in junction box.
STEP 6: Two-hopper trailer: Locate junction box between hoppers to supply power to ProTrap® units. Using slots in junction box assembly as a guide, mark and drill 3/16" holes and fasten to trailer with 1/4" x 3/4" self-drilling screws.

STEP 7: Pierce grommets with ballpoint pen so that terminal wires can be inserted through pierced holes.

STEP 8: Run 6 ga. wire from conductor socket to junction box. Crimp 1/4" ring terminals to wire ends. Remove hex nut and lock washer from junction post assembly. Place positive wires on positive post and negative wires on negative post. Secure with hex nuts and lock washers.

STEP 9: Fasten cover to junction box with supplied screws.