

# COAST

The COAST Distribution System, Inc.

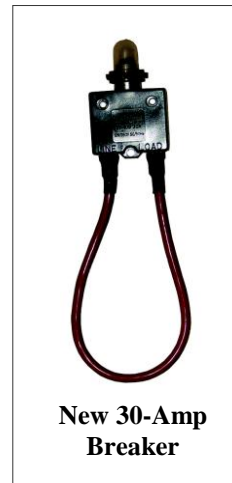
Attention: Parts Managers

We recently have received some calls about fuses for the Husky Brute electric jacks opening too early.

**What can cause this to happen?** Since fuses and circuit breakers are made with different processes and use different technology, fuses tend to react faster than breakers creating the opportunity for the fuse to open first. In addition manufacturing tolerances of the automatic breaker can overlap with the manufacturing tolerances of the fuse causing the fuse to open prematurely.

**Why has this been happening?** When a customer runs the jack to the end of the travel limit and continues to hold the switch down, the fuse opens before the breaker on the jack motor can open.

**What are we doing to solve the problem?** To ensure that our customers will not encounter this problem going forward, we are upgrading the 30-amp fuse to a 30 amp breaker that can be manually reset. This puts the motor protection and the circuit protection on matching technology and will allow the same protection to the wire between the battery and the jack. At the same time, it will ensure a slower reaction to the amperage spike when the switch is held during operation at the end of the stroke.



**What does this mean to the customer?** In addition to eliminating the problem and ensuring that the fuse will not blow prematurely when customers are operating the Brute Jack, our solution provides the customer with the ability to reset the open circuit without the need to find and replace the fuse. This provides an added convenience to the customer only Husky provides.

**Included is the upgrade kit and instructions to upgrade the Brute Jack you have recently purchased.**

- For demonstration purposes, it is necessary to connect the jack to a source that is directly connected to the vehicle's battery in conjunction with the aforementioned circuit breaker.
- It is not recommended to connect an electric jack to any other 12 VDC circuit that is on the vehicle. Doing so will likely result in failure of the vehicle's fuse and may also cause damage to the vehicle's circuit. For example, the wire going to the cigarette lighter is not likely to be sufficient to carry the amperage needed to operate a jack. Even if the wire from the vehicle's circuit is sufficient, the likelihood of having a sufficient fuse in the vehicle is slim. So failure of the vehicle's fuse is likely.