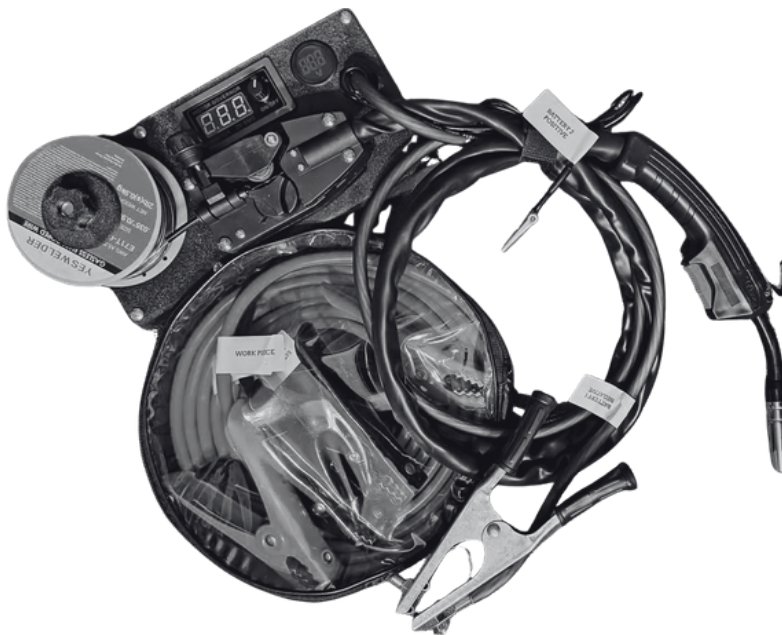


Owner's Manual

RED DOG TRAIL WELDER



By JWeb's Fabrication

This guide is intended to discuss set up pertaining to this welder and is not a guide on how to weld. For general welding instructions and tips, please seek additional information elsewhere.

General Safety

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. PROTECT yourself and others. Read and understand this information.

- Please disconnect all vehicle battery cables from the batteries that are being used to weld. It is possible for voltage to back-feed into the vehicle system which can damage the vehicles charging systems or computers. If vehicle cables are not disconnected from the battery, it can short from the vehicle ground cable to the welder work piece clamp. This can be a fire hazard.
- Keep out of reach of children. Keep children and bystanders away while operating.
- Avoid unintentional starting. Welding tip is live as soon as all connections are made. Make sure you are prepared to begin work before connecting the main clamp of the Welder.
- Place the welder and batteries (if removed from vehicle) on a stable surface before use. If these fall while plugged in, severe injury, property damage, electric shock, or fire may result.
- Do not overreach. Keep proper footing and balance at all times.

- Be aware of your surroundings and remember you are operating a high voltage tool that can cause severe injury if used improperly. It is not recommended to use this welder while standing in water.
- Stay alert, watch what you are doing and use common sense when operating this or any welder. Do not use a welder while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating welders may result in serious personal injury.
- Never leave the Welder unattended while energized. Disconnect main clamp from battery if you have to walk away.
- Welding releases harmful fumes. It is not recommended to use this or any welder in poorly ventilated areas.
- Lithium batteries are not recommended for use with any welder as they are known for instability during discharge and can explode or cause a fire.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator

Operation Instructions

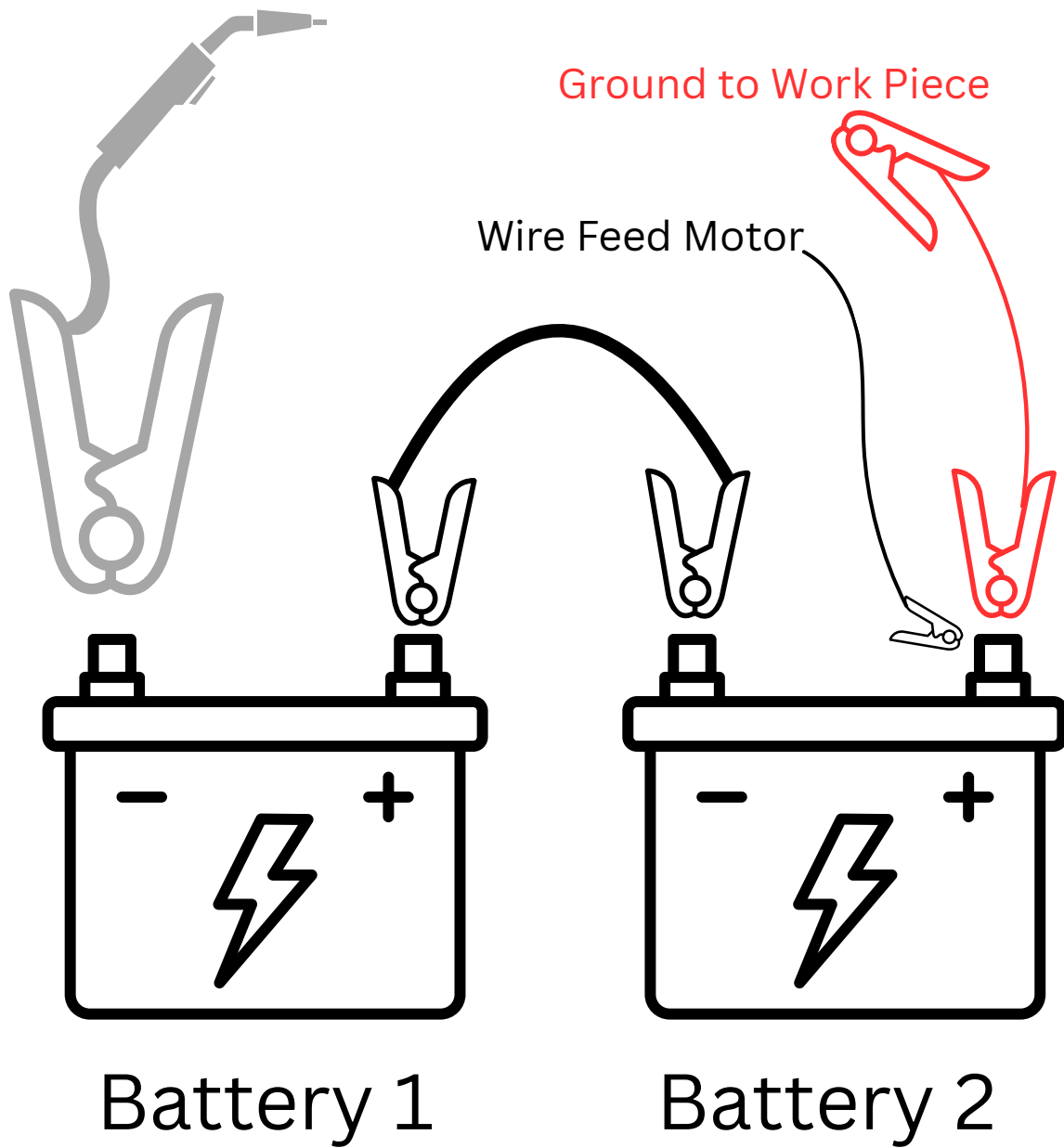
Prior to connecting the welder, ensure the parts/area to be welded has been properly cleaned and prepped to ensure proper penetration of the weld.

1. **Disconnect all vehicle battery cables** from 2 lead-acid or gel cell vehicle batteries
2. Connect black jumper cable from battery 1 positive to battery 2 negative
3. Connect red jumper cable from battery 2 positive to work piece
4. Connect small clamp from welder to battery 2 positive. This only powers the wire feed motor.
5. Ensure the welder gun is not making contact with any metal surfaces. Connect large clamp from welder to battery 1 negative

WELDER IS HOT AT THIS TIME!

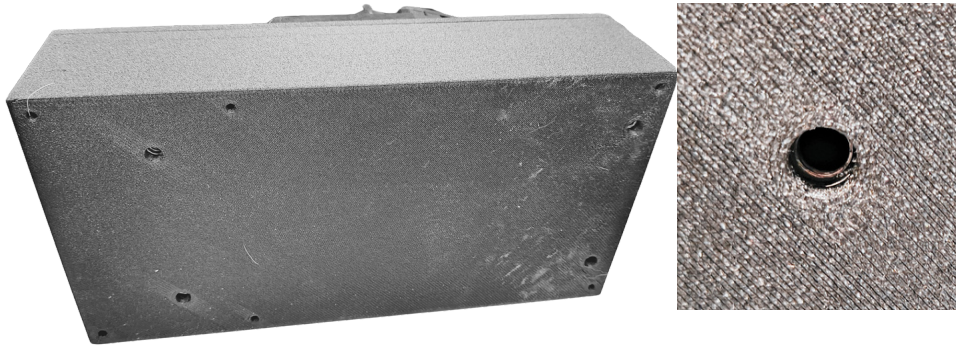
6. Press yellow wire speed dial to turn wire feed on if equipped (this is only applicable on a few early run welders. Most newer welders are equipped with wire speed controllers are ready as soon as they get power.)

Set wire speed to your preference. Recommended speed is 50.



All Cables are labeled for
ease of set up

Mounting Instructions



All Red Rog Trail Welders with a black box include four ¼"-20 bolts and have nuts built into the box for easily mounting the welder body into a toolbox or other container if desired.

- Measure and mark hole locations in your desired container.
- Drill out ¼" holes as needed.
- Remove the bolts from the bottom of the welder
- Place the welder inside the container and secure the bolts from the bottom up.

The welder and jumper cables fit well in ½ of a standard Milwaukee Packout box and large Pelican/Apachee cases.

The welder alone will fit well in a 50cal ammo can. The jumper cables do have their own carrying case, so this is an excellent option for those in a classic Jeep wanting to keep that old army look.

*** Please be careful not to overtighten the bolts! ¼" bolts require only 4.5 ft-lbs of torque and these bolts are only needed to help keep the welder from bouncing around inside the container. The welder case is plastic and could crack if overtightened.



Warranty Information

For a period of 2 years from the date of purchase, all parts are guaranteed to be free of defects.

If electrical parts fail or casing separates, the unit can be shipped back for repairs or replacement at no charge during the warranty period.

If the unit is damaged by abuse or accident, or the warranty period has ended, please contact us for estimates on repairs.

**Thank You for supporting
our small business!**

